

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030922\
 Data File : VN071202.D
 Acq On : 09 Mar 2022 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 00:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	615705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	981674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	903799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	378663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	424137	50.262	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.520%			
35) Dibromofluoromethane	8.016	113	319978	51.653	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.300%			
50) Toluene-d8	10.439	98	1274130	51.084	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.727	95	446188	52.829	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	324914	48.150	ug/l	98
3) Chloromethane	2.298	50	432308	47.719	ug/l	99
4) Vinyl Chloride	2.446	62	406677	49.177	ug/l	99
5) Bromomethane	2.840	94	217554	60.124	ug/l	95
6) Chloroethane	3.010	64	247908	49.502	ug/l	95
7) Trichlorofluoromethane	3.375	101	531166	48.800	ug/l	98
8) Diethyl Ether	3.828	74	229887	49.355	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.216	101	313660	49.779	ug/l	95
10) Methyl Iodide	4.422	142	439158	49.345	ug/l	99
11) Tert butyl alcohol	5.363	59	380362	229.451	ug/l	99
12) 1,1-Dichloroethene	4.181	96	301056	48.773	ug/l	90
13) Acrolein	4.040	56	365309	208.201	ug/l	99
14) Allyl chloride	4.840	41	658537	49.052	ug/l	87
15) Acrylonitrile	5.545	53	1163679	236.412	ug/l	99
16) Acetone	4.281	43	990533	241.247	ug/l	95
17) Carbon Disulfide	4.534	76	830025	47.233	ug/l	98
18) Methyl Acetate	4.851	43	530499	48.127	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1179148	50.879	ug/l	98
20) Methylene Chloride	5.092	84	369678	49.268	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	330870	49.005	ug/l	89
22) Diisopropyl ether	6.492	45	1331483	50.341	ug/l	93
23) Vinyl Acetate	6.428	43	5734010	256.080	ug/l	98
24) 1,1-Dichloroethane	6.386	63	688831	49.286	ug/l	100
25) 2-Butanone	7.328	43	1592860	240.828	ug/l	97
26) 2,2-Dichloropropane	7.322	77	557105	51.669	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	398832	49.771	ug/l	91
28) Bromochloromethane	7.651	49	317038	50.939	ug/l	82
29) Tetrahydrofuran	7.680	42	1065329	232.498	ug/l	92
30) Chloroform	7.816	83	652506	48.950	ug/l	99
31) Cyclohexane	8.092	56	642755	47.698	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	565085	49.767	ug/l	98
36) 1,1-Dichloropropene	8.216	75	505276	50.908	ug/l	96
37) Ethyl Acetate	7.404	43	623387	45.637	ug/l	99
38) Carbon Tetrachloride	8.204	117	484063	50.422	ug/l	98
39) Methylcyclohexane	9.457	83	625139	53.540	ug/l	96
40) Benzene	8.457	78	1513255	50.604	ug/l	99

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Quant Time: Mar 10 00:55:20 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	351500	52.582	ug/l #	83
42) 1,2-Dichloroethane	8.522	62	540210	51.912	ug/l	99
43) Isopropyl Acetate	8.557	43	1006830	49.290	ug/l	97
44) Trichloroethene	9.210	130	364348	51.638	ug/l	98
45) 1,2-Dichloropropane	9.486	63	405512	50.515	ug/l	98
46) Dibromomethane	9.569	93	249359	50.469	ug/l	97
47) Bromodichloromethane	9.757	83	514681	51.545	ug/l	99
48) Methyl methacrylate	9.557	41	492478	52.025	ug/l #	81
49) 1,4-Dioxane	9.563	88	160749	976.949	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	3129873	246.895	ug/l	99
52) Toluene	10.504	92	943277	51.225	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	588296	53.448	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	641124	53.309	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	363037	49.200	ug/l	98
56) Ethyl methacrylate	10.757	69	629936	52.276	ug/l	92
57) 1,3-Dichloropropane	11.039	76	670830	50.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	528711	213.427	ug/l	95
59) 2-Hexanone	11.080	43	2209603	255.457	ug/l	100
60) Dibromochloromethane	11.233	129	392207	53.496	ug/l	98
61) 1,2-Dibromoethane	11.339	107	380155	50.409	ug/l	100
64) Tetrachloroethene	10.974	164	321552	51.012	ug/l	98
65) Chlorobenzene	11.768	112	982484	50.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	366865	51.548	ug/l	99
67) Ethyl Benzene	11.839	91	1815402	52.899	ug/l	97
68) m/p-Xylenes	11.951	106	1382229	110.097	ug/l	99
69) o-Xylene	12.274	106	682825	54.258	ug/l	98
70) Styrene	12.286	104	1081221	55.503	ug/l	97
71) Bromoform	12.457	173	291007	53.842	ug/l #	100
73) Isopropylbenzene	12.574	105	1763969	48.325	ug/l	99
74) N-amyl acetate	12.380	43	682329	49.715	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.821	83	566199	52.316	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	435300m	47.277	ug/l	
77) Bromobenzene	12.857	156	401492	47.169	ug/l	83
78) n-propylbenzene	12.915	91	1989135	50.782	ug/l	97
79) 2-Chlorotoluene	13.004	91	1202903	47.840	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1408670	49.603	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	169141	48.286	ug/l	93
82) 4-Chlorotoluene	13.098	91	1140764	50.935	ug/l	94
83) tert-Butylbenzene	13.315	119	1272542	50.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1387961	51.025	ug/l	100
85) sec-Butylbenzene	13.498	105	1732030	51.416	ug/l	99
86) p-Isopropyltoluene	13.610	119	1420890	53.634	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	681485	49.275	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	660640	48.867	ug/l	98
89) n-Butylbenzene	13.939	91	1087789	52.498	ug/l	96
90) Hexachloroethane	14.204	117	257684	48.912	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	649956	48.882	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	99439	46.820	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	307158	49.526	ug/l	99
94) Hexachlorobutadiene	15.362	225	186910	50.073	ug/l	99
95) Naphthalene	15.498	128	776513	45.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	288936	48.679	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

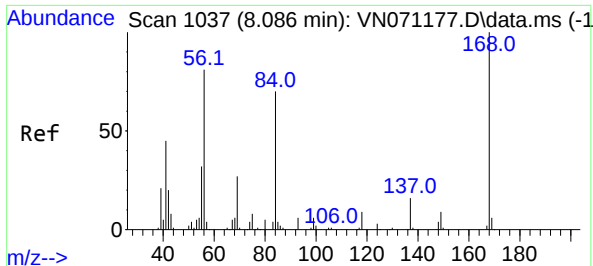
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 00:55:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



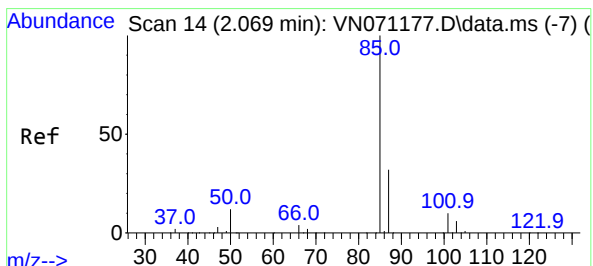
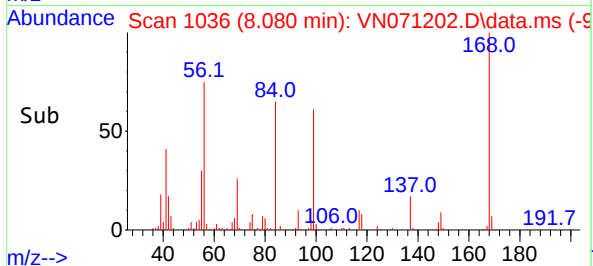
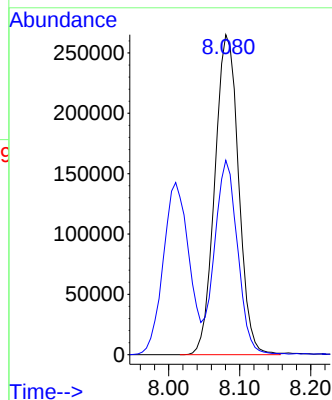
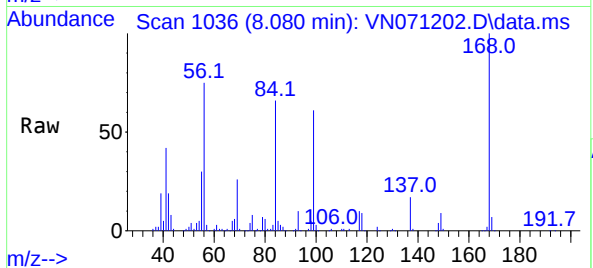
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 61570
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

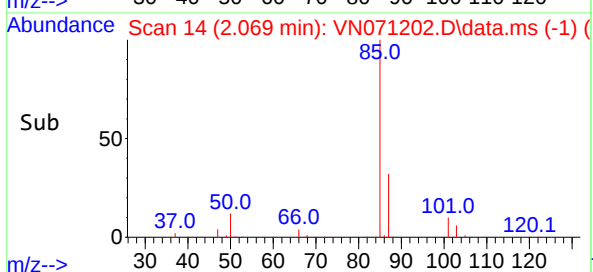
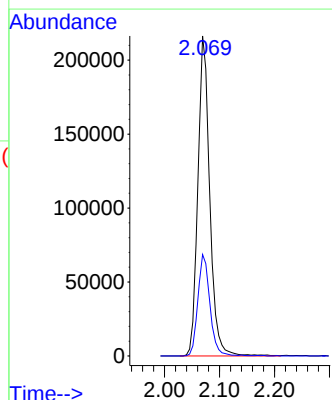
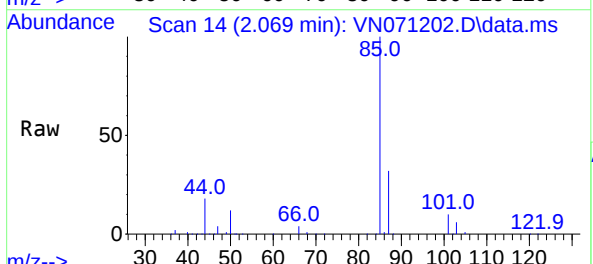
Manual Integrations
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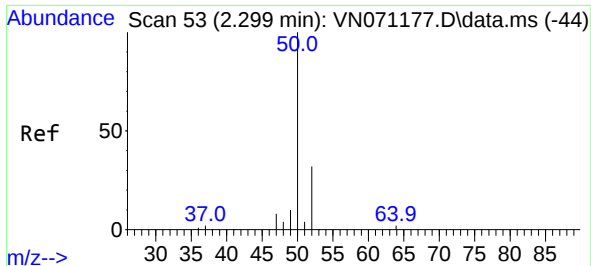
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#2
Dichlorodifluoromethane
Concen: 48.150 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

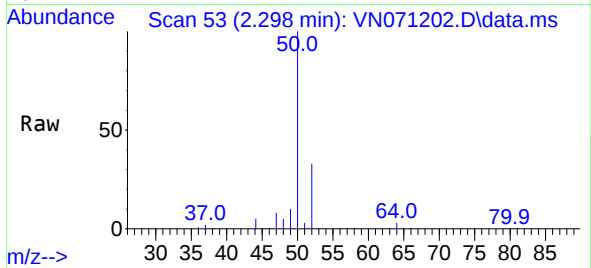
Tgt Ion: 85 Resp: 324914
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 47.719 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

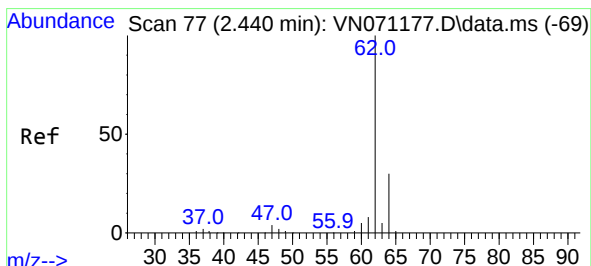
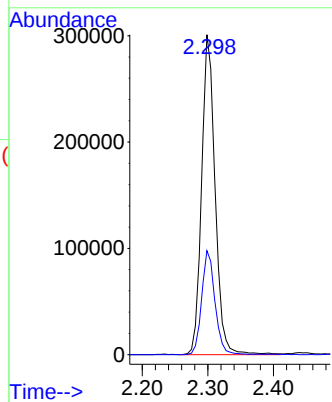
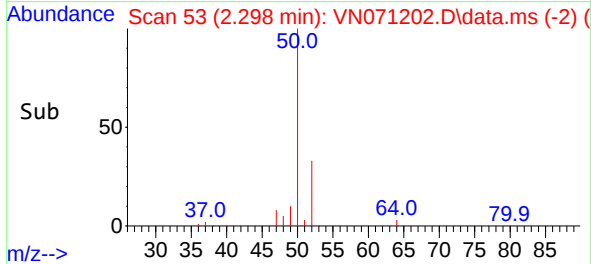
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VSTDCCC050



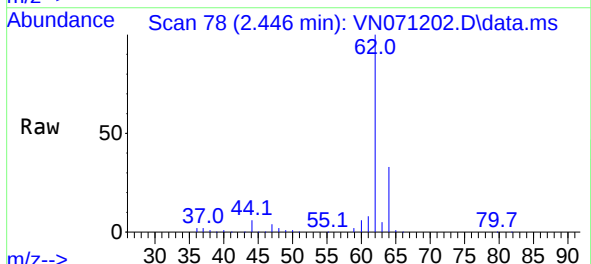
Tgt Ion: 50 Resp: 432308
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

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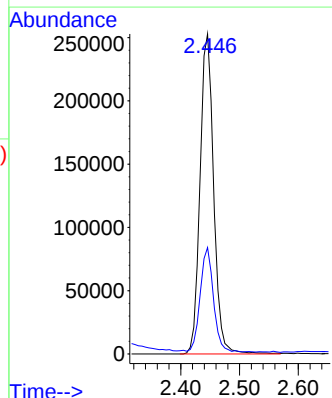
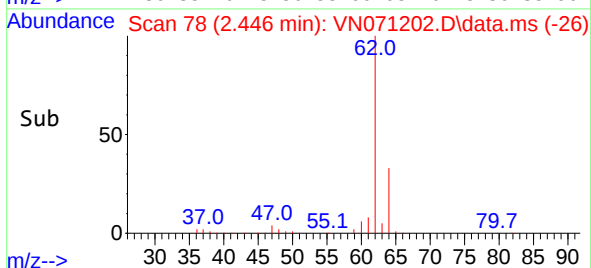
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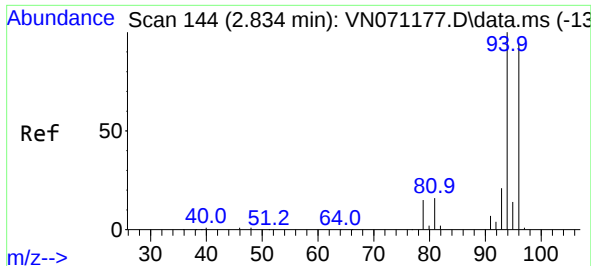


#4
Vinyl Chloride
Concen: 49.177 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



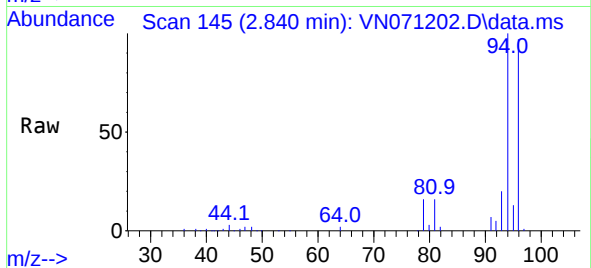
Tgt Ion: 62 Resp: 406677
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5
Bromomethane
Concen: 60.124 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

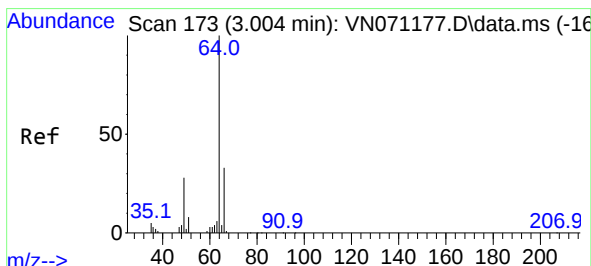
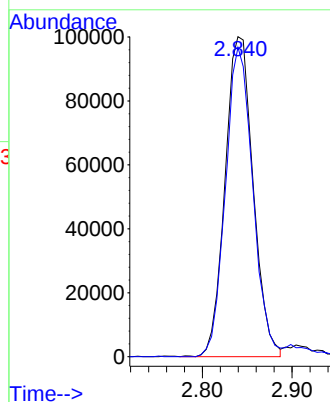
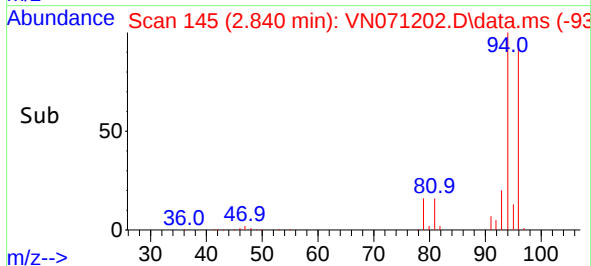
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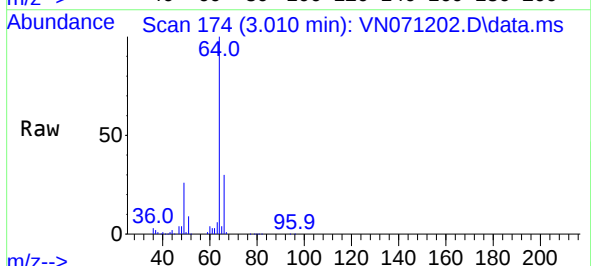
Tgt Ion: 94 Resp: 217554
Ion Ratio Lower Upper
94 100
96 96.7 73.8 110.8

Manual Integrations
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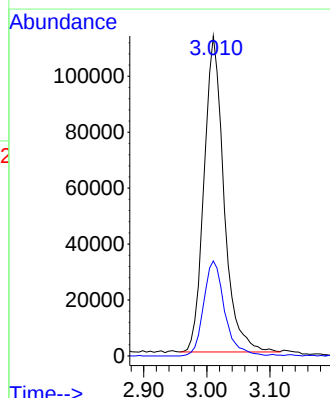
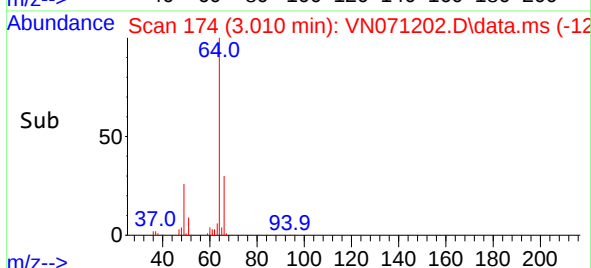
Reviewed By :John Carlone 03/10/2022
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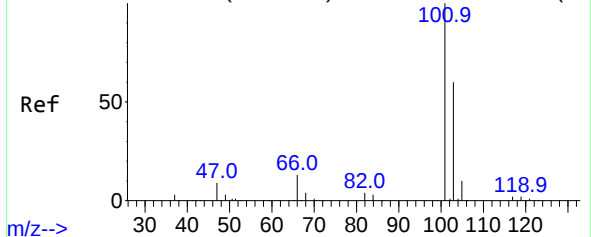
#6
Chloroethane
Concen: 49.502 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 64 Resp: 247908
Ion Ratio Lower Upper
64 100
66 30.1 26.3 39.5



Abundance Scan 235 (3.369 min): VN071177.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 48.800 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 53116

Ion Ratio Lower Upper

101 100

103 64.0 50.1 75.1

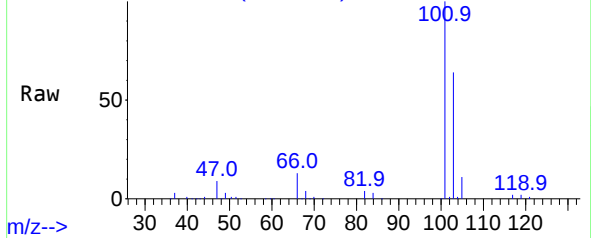
Manual Integrations

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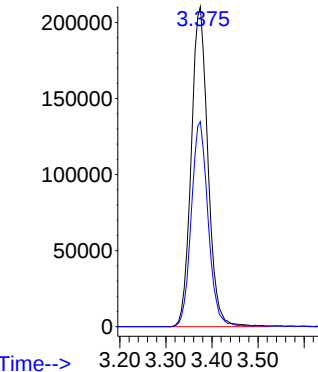
Reviewed By :John Carlone 03/10/2022

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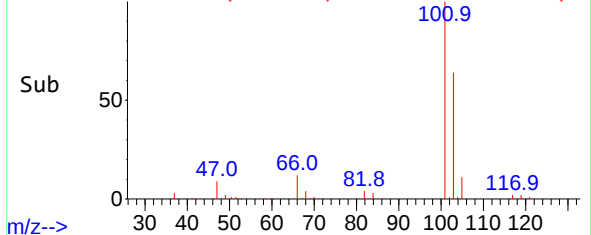
Abundance Scan 236 (3.375 min): VN071202.D\data.ms



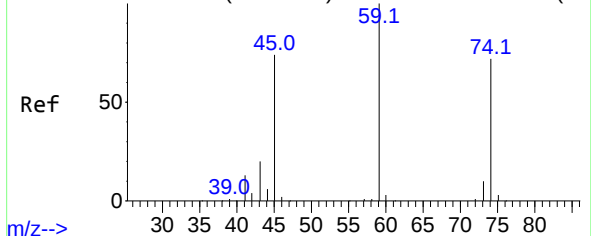
Abundance



Abundance Scan 236 (3.375 min): VN071202.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071177.D\data.ms (-30



#8

Diethyl Ether

Concen: 49.355 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

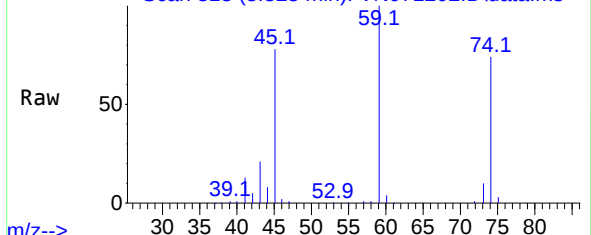
Tgt Ion: 74 Resp: 229887

Ion Ratio Lower Upper

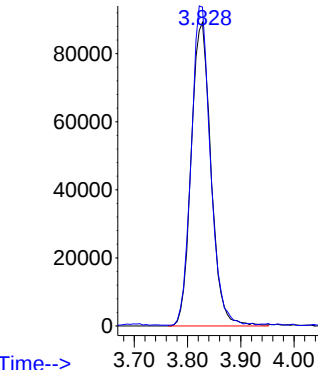
74 100

45 101.9 47.0 141.2

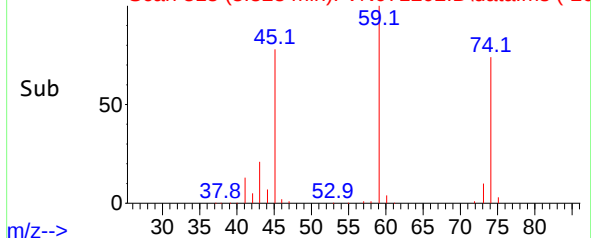
Abundance Scan 313 (3.828 min): VN071202.D\data.ms



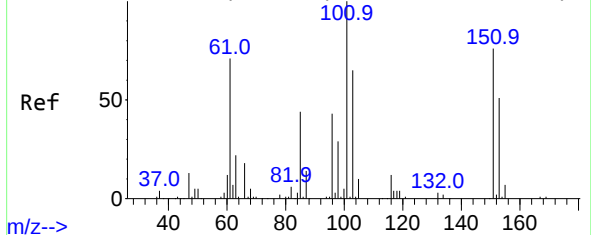
Abundance



Abundance Scan 313 (3.828 min): VN071202.D\data.ms (-26

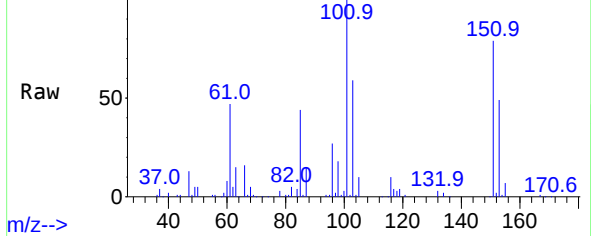


Abundance Scan 378 (4.210 min): VN071177.D\data.ms (-36



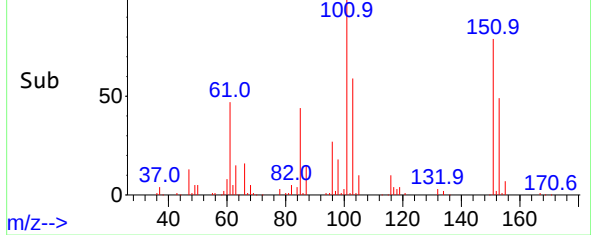
m/z-->

Abundance Scan 379 (4.216 min): VN071202.D\data.ms



m/z-->

Abundance Scan 379 (4.216 min): VN071202.D\data.ms (-32



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.779 ug/l

RT: 4.216 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 31366

Ion Ratio Lower Upper

101 100

85 44.1 37.2 55.8

151 77.3 65.9 98.9

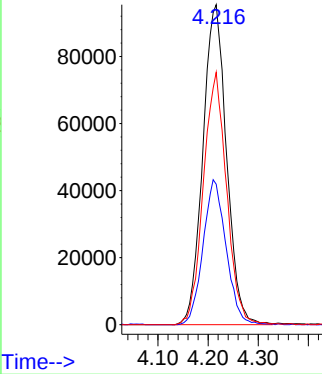
Manual Integrations

APPROVED

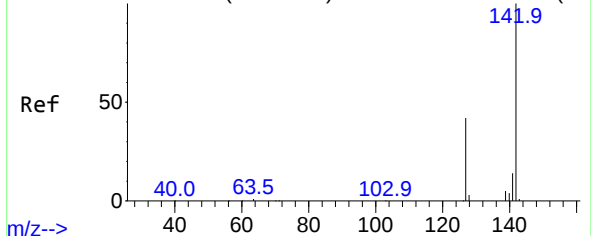
Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022

Abundance

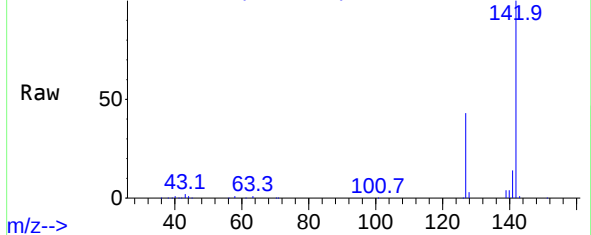


Abundance Scan 414 (4.422 min): VN071177.D\data.ms (-40



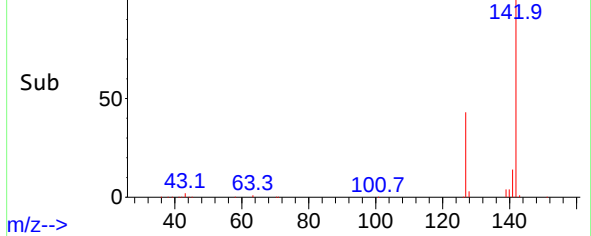
m/z-->

Abundance Scan 414 (4.422 min): VN071202.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN071202.D\data.ms (-36



m/z-->

#10

Methyl Iodide

Concen: 49.345 ug/l

RT: 4.422 min Scan# 414

Delta R.T. -0.000 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Tgt Ion:142 Resp: 439158

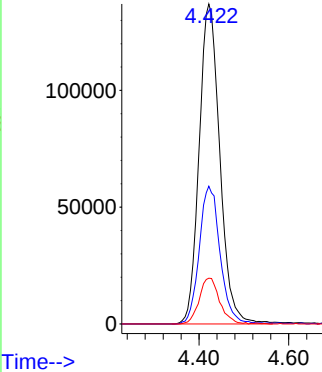
Ion Ratio Lower Upper

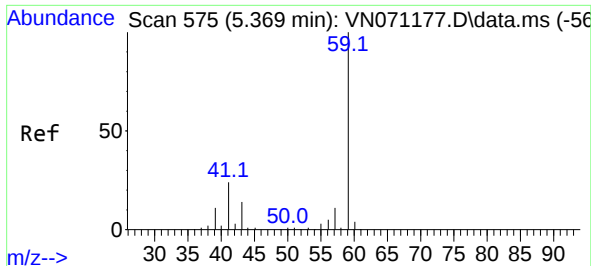
142 100

127 43.3 35.4 53.0

141 14.1 11.6 17.4

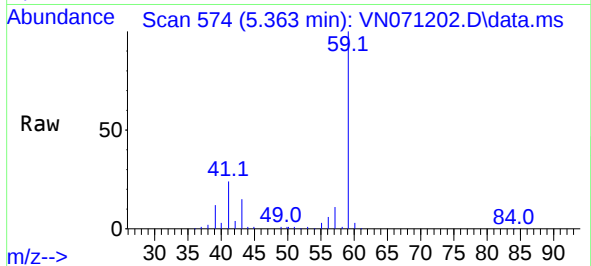
Abundance





#11
Tert butyl alcohol
Concen: 229.451 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

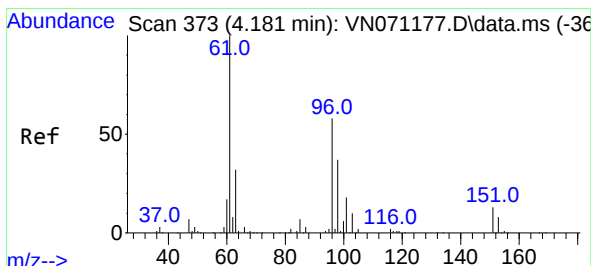
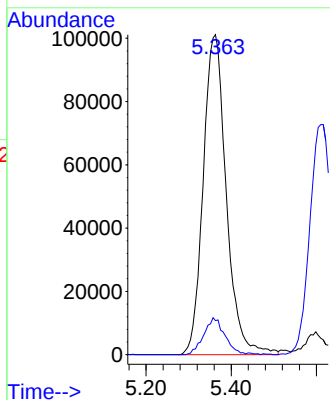
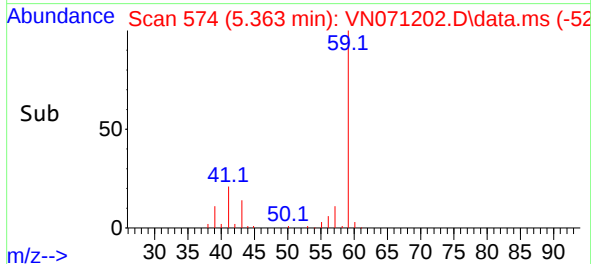
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 380362
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

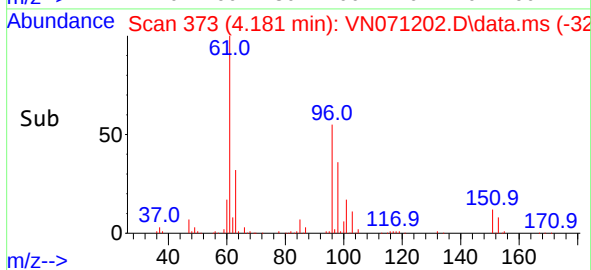
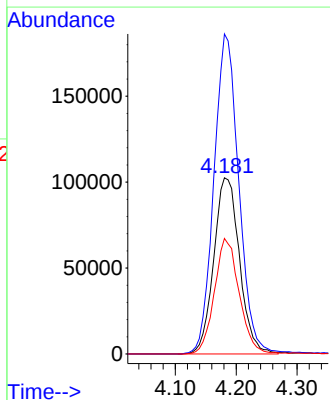
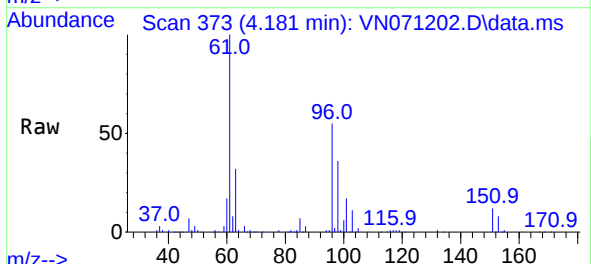
Manual Integrations
APPROVED

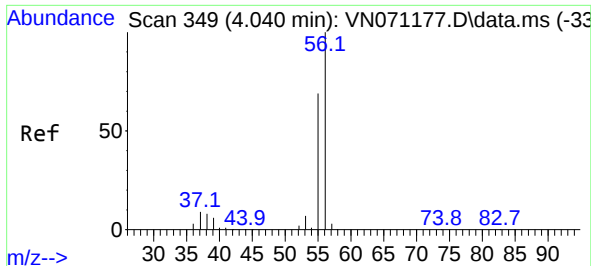
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#12
1,1-Dichloroethene
Concen: 48.773 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

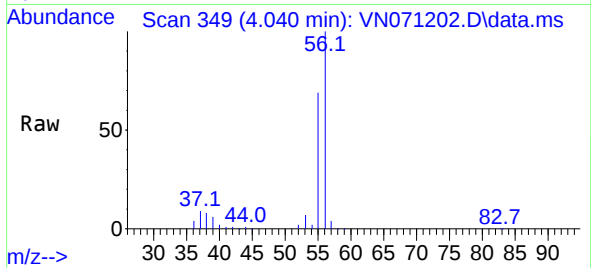
Tgt Ion: 96 Resp: 301056
Ion Ratio Lower Upper
96 100
61 181.7 131.0 196.6
98 65.6 52.4 78.6





#13
Acrolein
Concen: 208.201 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

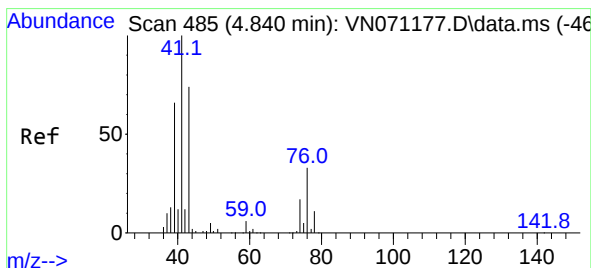
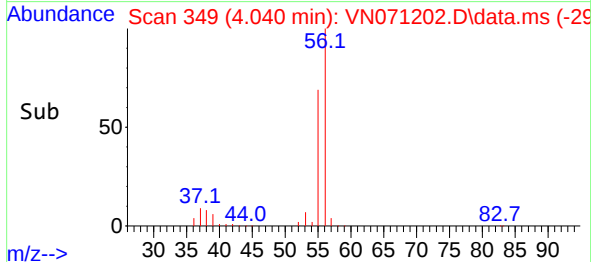
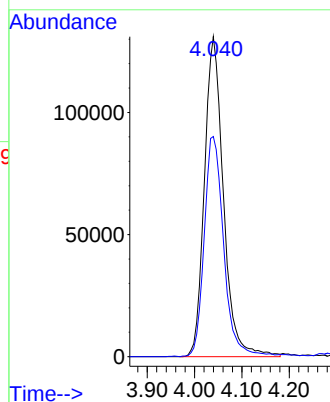
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 365309
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

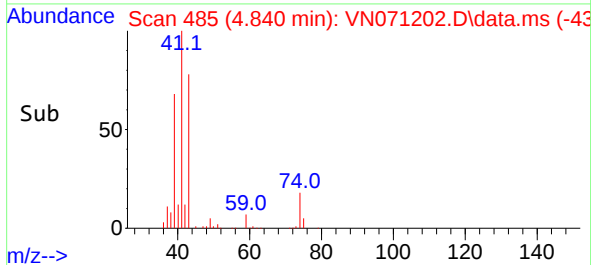
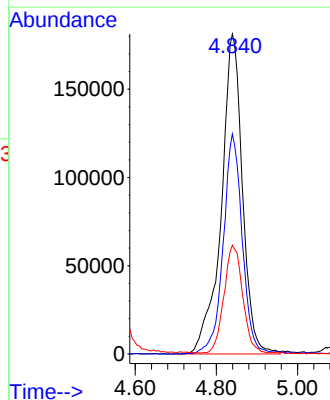
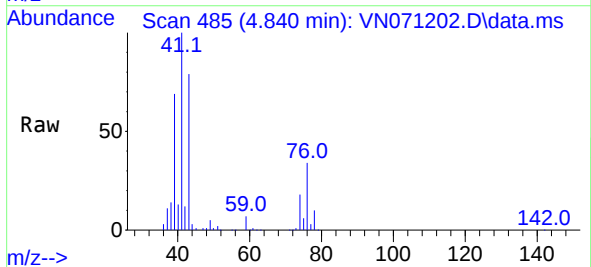
Manual Integrations
APPROVED

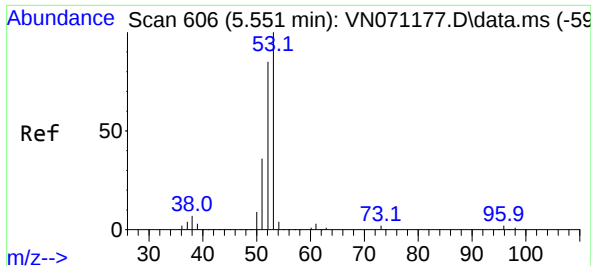
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#14
Allyl chloride
Concen: 49.052 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

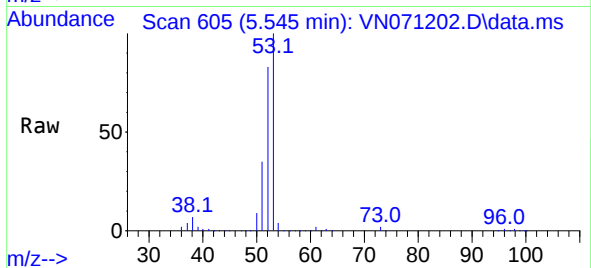
Tgt Ion: 41 Resp: 658537
Ion Ratio Lower Upper
41 100
39 61.6 61.2 91.8
76 30.1 26.0 39.0





#15
Acrylonitrile
Concen: 236.412 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

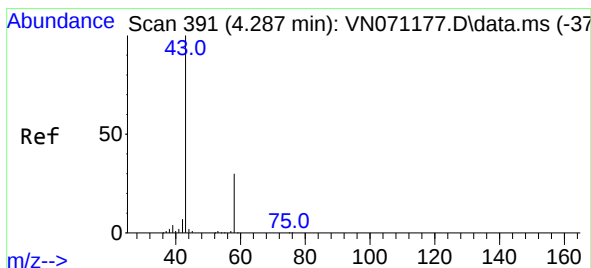
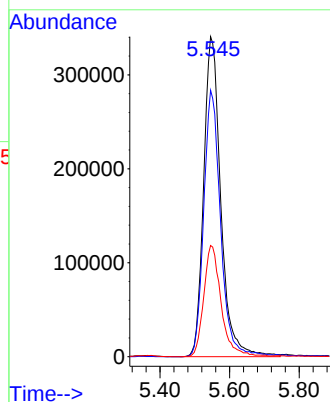
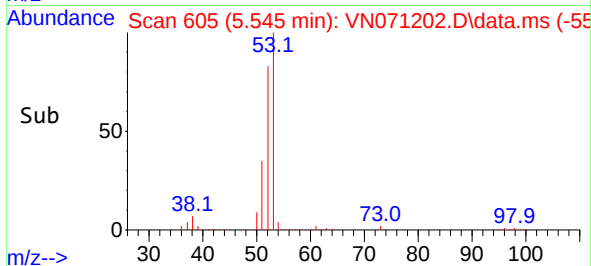
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



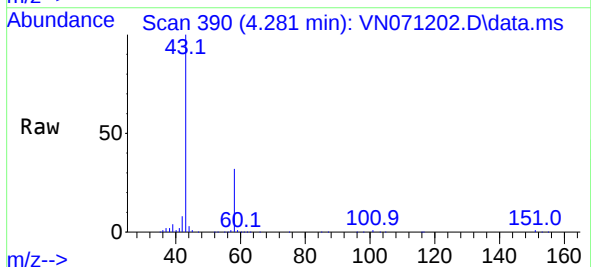
Tgt Ion: 53 Resp: 1163679
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 35.4 29.6 44.4

Manual Integrations
APPROVED

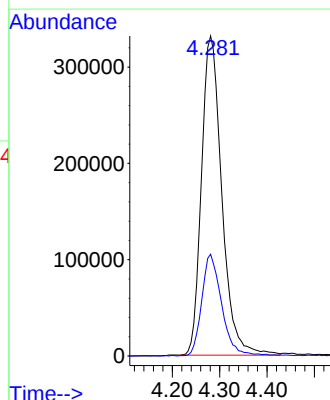
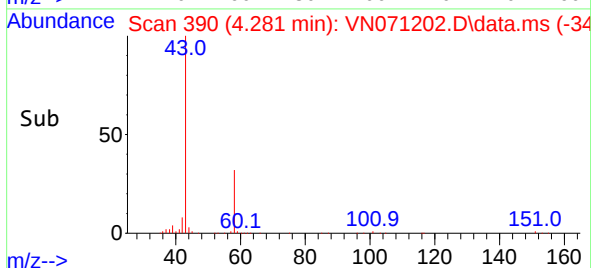
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

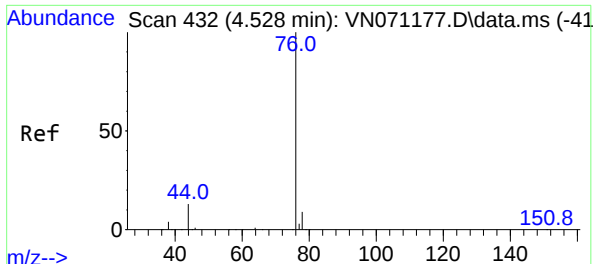


#16
Acetone
Concen: 241.247 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



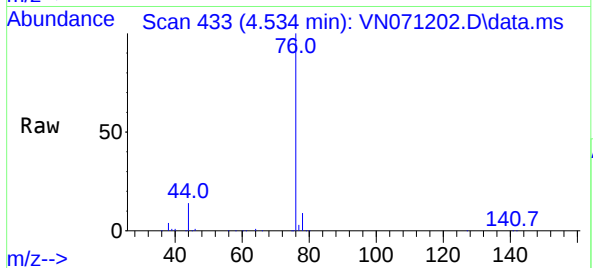
Tgt Ion: 43 Resp: 990533
Ion Ratio Lower Upper
43 100
58 31.8 23.1 34.7





#17
Carbon Disulfide
Concen: 47.233 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

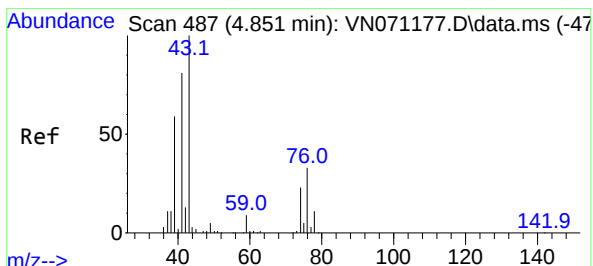
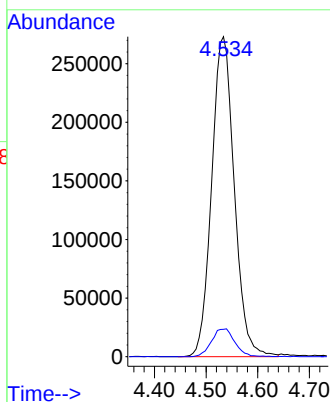
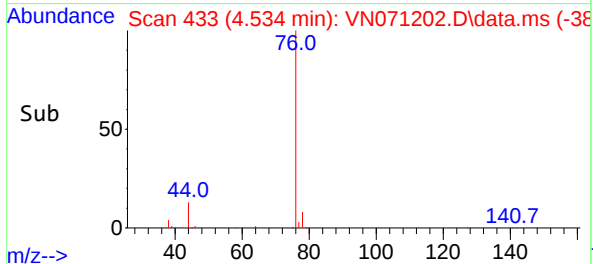
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



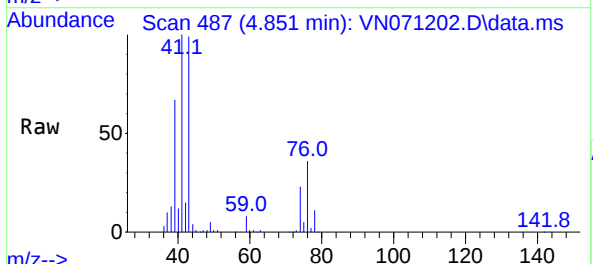
Tgt Ion: 76 Resp: 830025
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
APPROVED

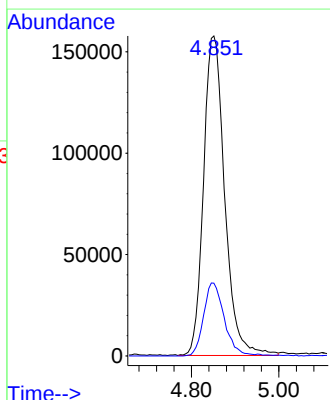
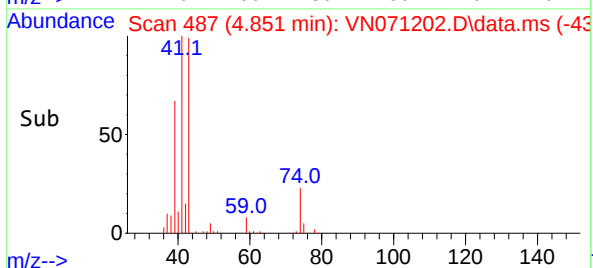
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

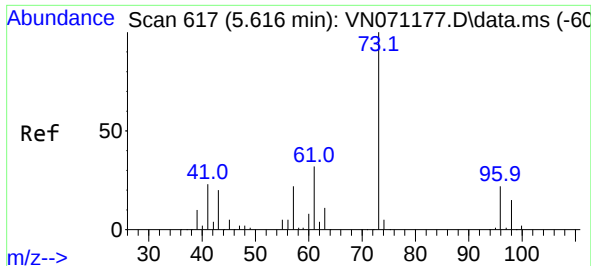


#18
Methyl Acetate
Concen: 48.127 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 43 Resp: 530499
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.879 ug/l

RT: 5.610 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 117914

Ion Ratio Lower Upper

73 100

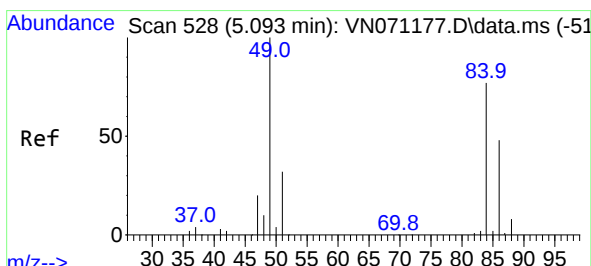
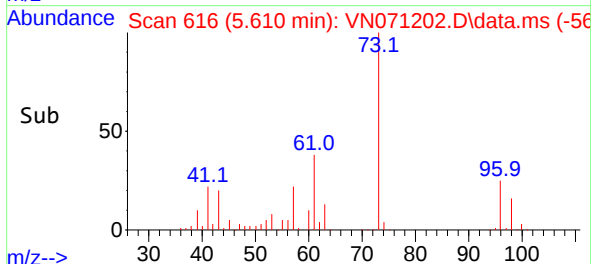
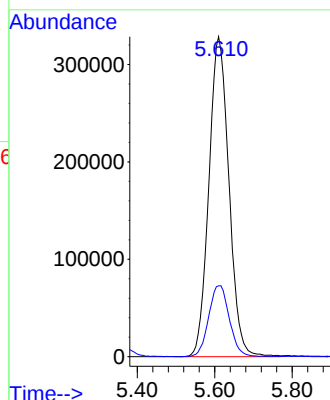
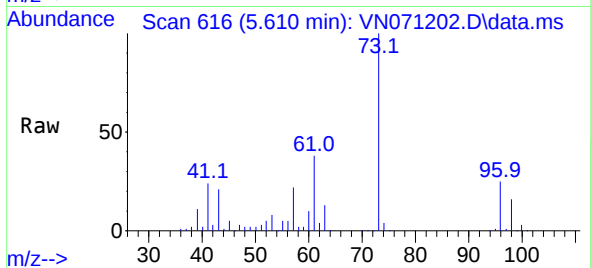
57 22.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 49.268 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.001 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Tgt Ion: 84 Resp: 369678

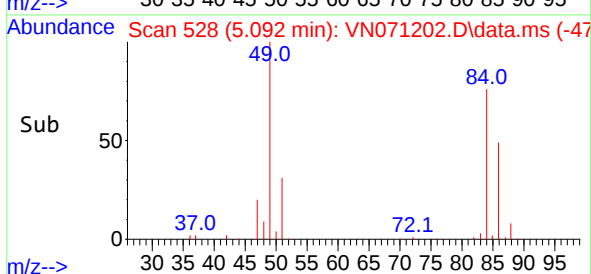
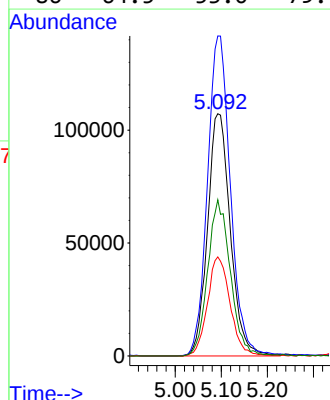
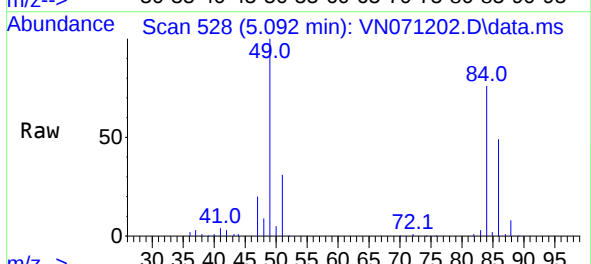
Ion Ratio Lower Upper

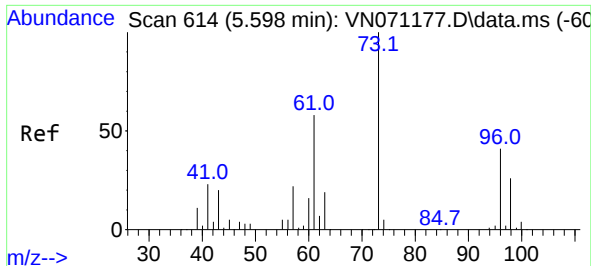
84 100

49 132.0 93.5 140.3

51 40.9 29.4 44.2

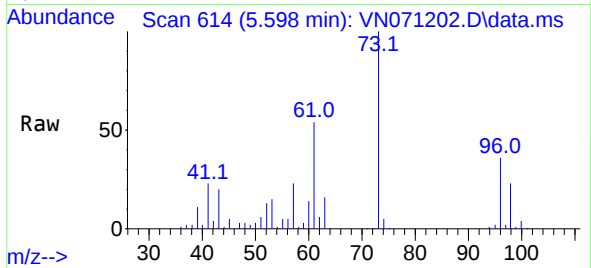
86 64.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.005 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

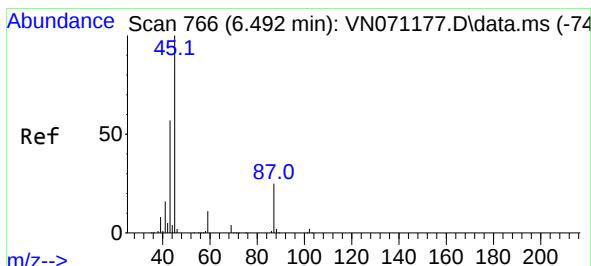
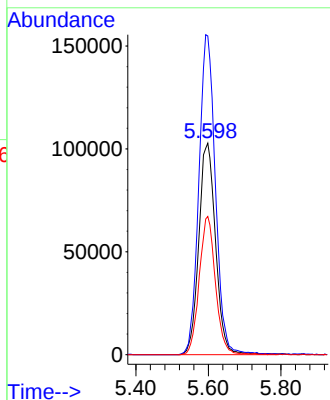
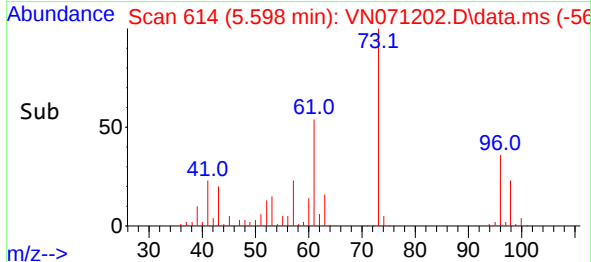
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



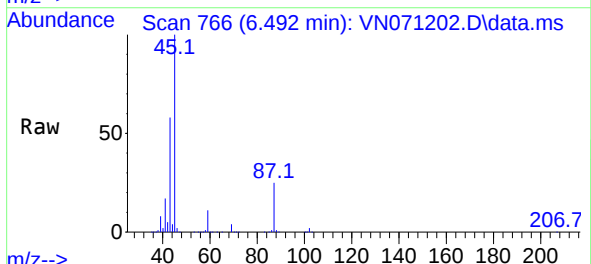
Tgt Ion: 96 Resp: 330870
Ion Ratio Lower Upper
96 100
61 150.6 105.8 158.6
98 65.3 52.0 78.0

Manual Integrations
APPROVED

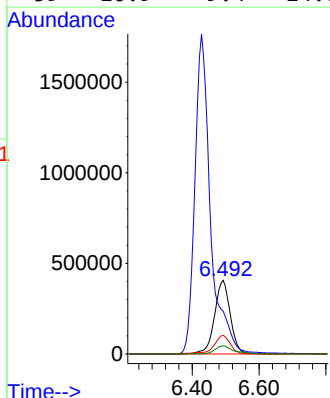
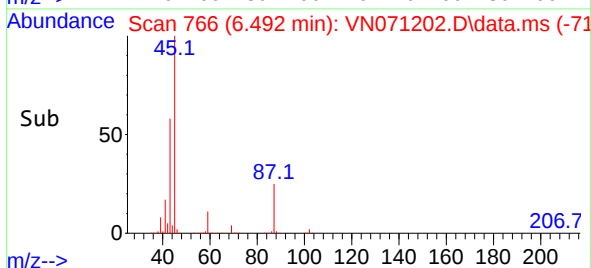
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

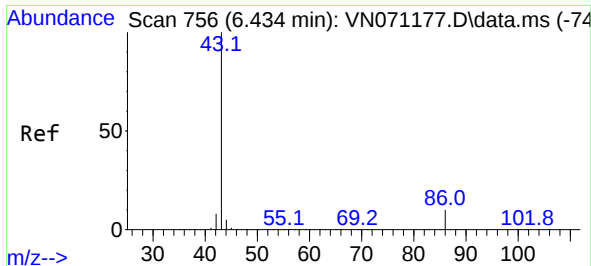


#22
Diisopropyl ether
Concen: 50.341 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 45 Resp: 1331483
Ion Ratio Lower Upper
45 100
43 58.1 51.7 77.5
87 25.3 23.2 34.8
59 10.9 9.4 14.0





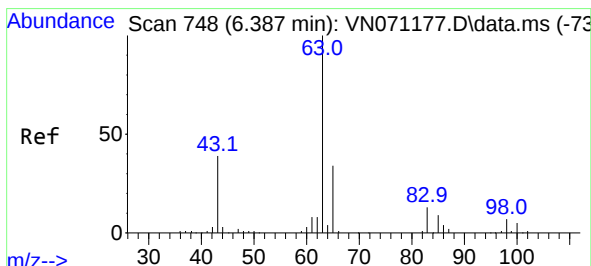
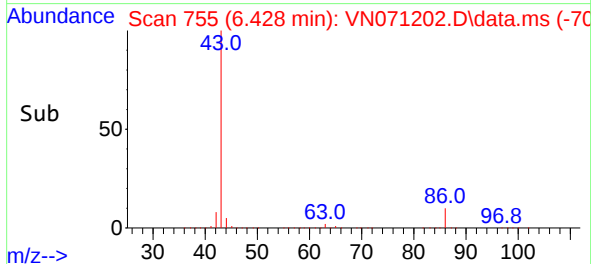
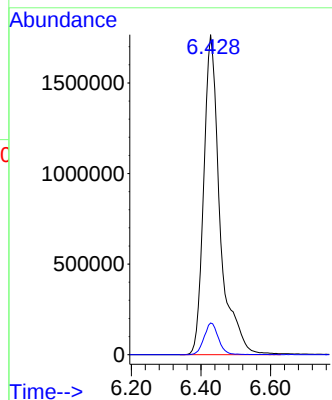
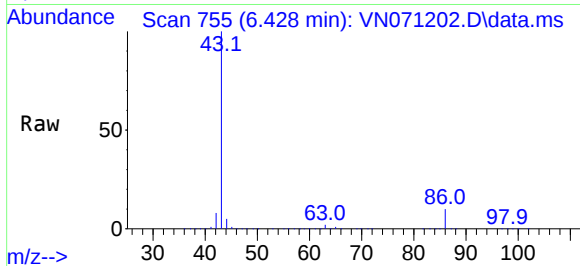
#23
 Vinyl Acetate
 Concen: 256.080 ug/l
 RT: 6.428 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: VN071202.D
 Acq: 09 Mar 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 5734010
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

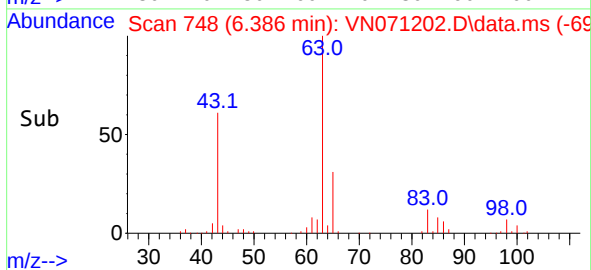
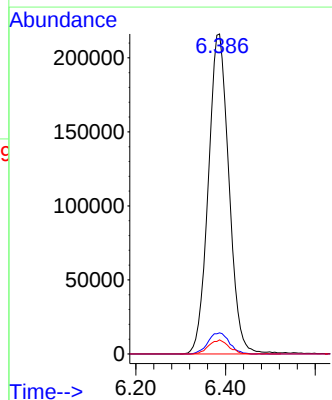
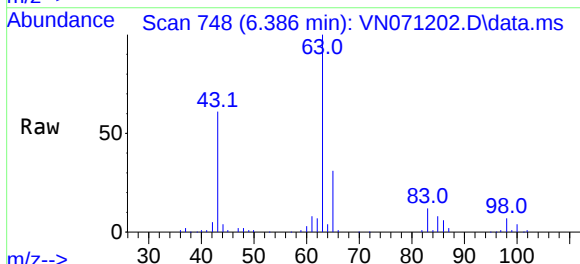
Manual Integrations
 APPROVED

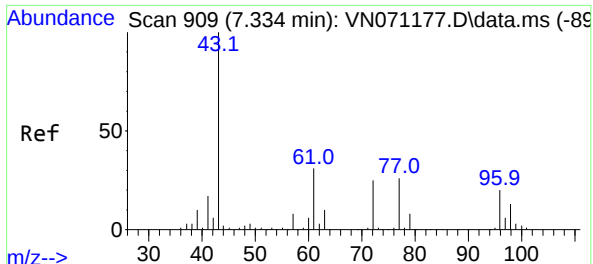
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 49.286 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071202.D
 Acq: 09 Mar 2022 11:00

Tgt Ion: 63 Resp: 688831
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 240.828 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1592860

Ion Ratio Lower Upper

43 100

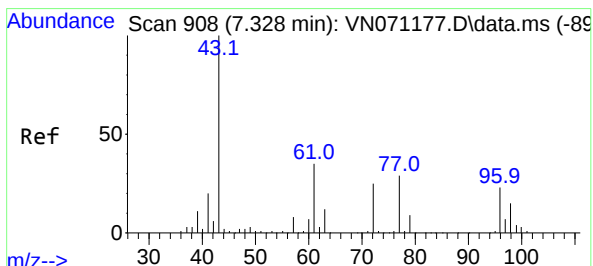
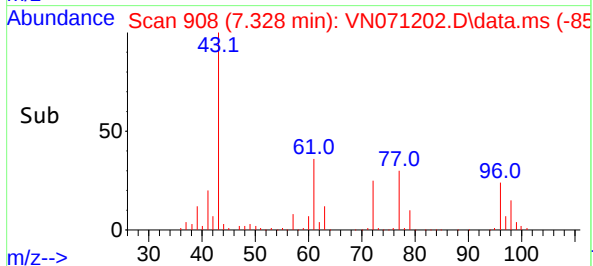
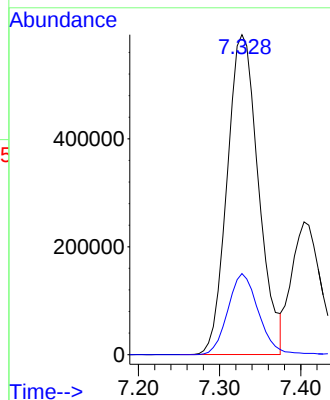
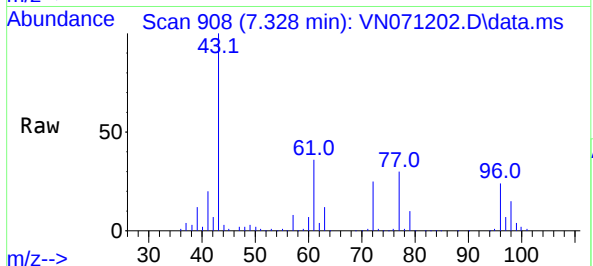
72 25.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#26

2,2-Dichloropropane

Concen: 51.669 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071202.D

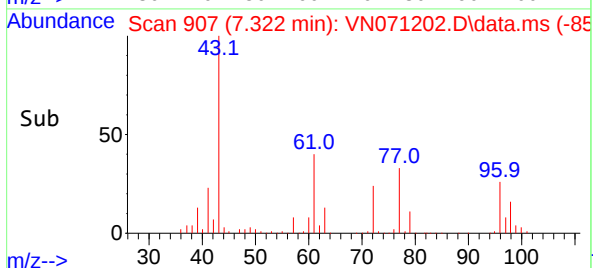
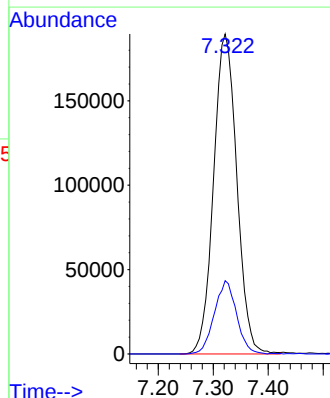
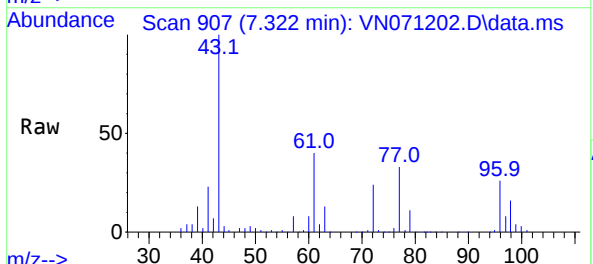
Acq: 09 Mar 2022 11:00

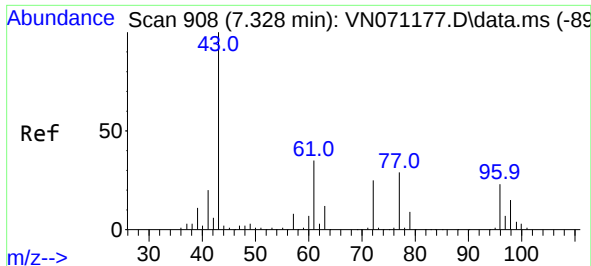
Tgt Ion: 77 Resp: 557105

Ion Ratio Lower Upper

77 100

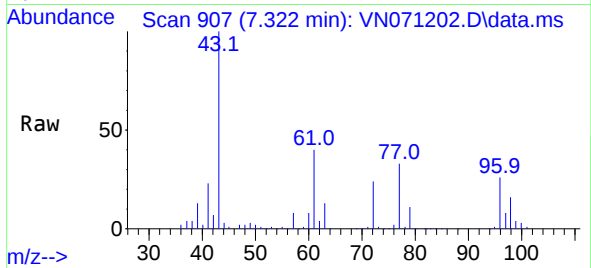
97 21.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 49.771 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

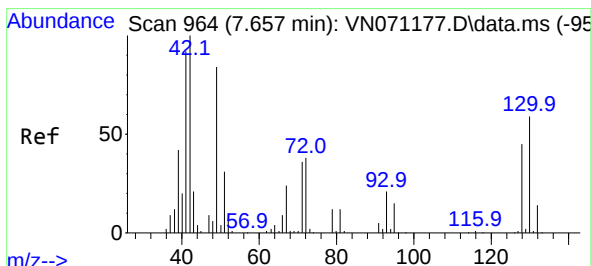
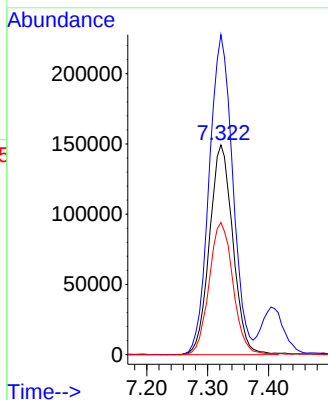
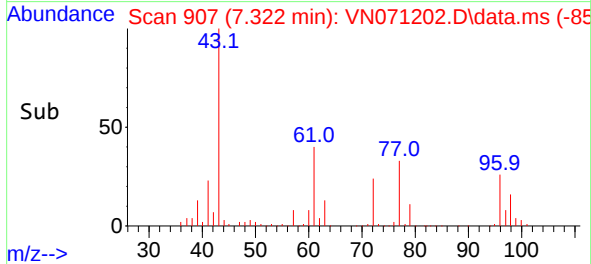
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 398832
Ion Ratio Lower Upper
96 100
61 153.8 0.0 275.0
98 64.2 0.0 129.6

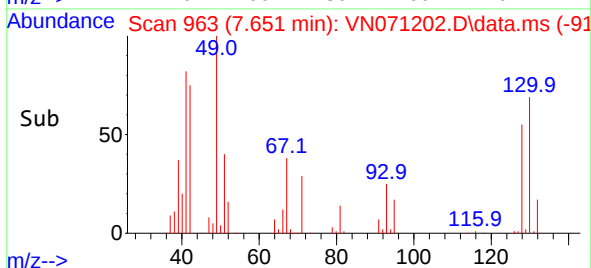
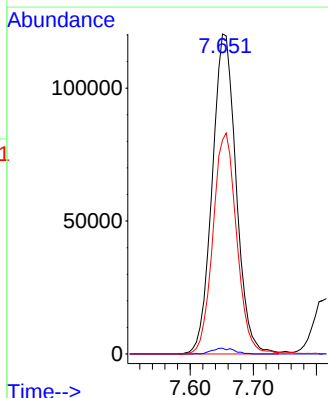
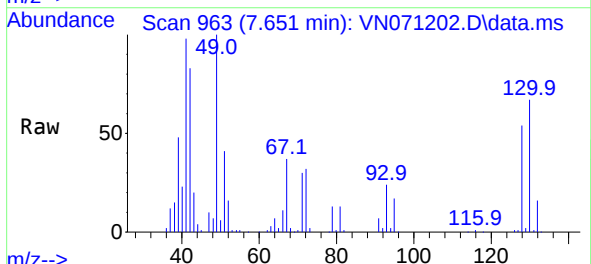
Manual Integrations
APPROVED

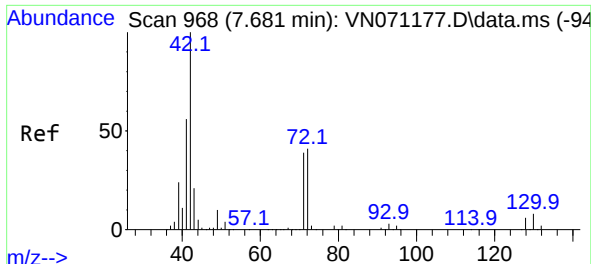
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#28
Bromochloromethane
Concen: 50.939 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion: 49 Resp: 317038
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 68.3 67.8 101.8





#29

Tetrahydrofuran

Concen: 232.498 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1065329

Ion Ratio Lower Upper

42 100

72 40.8 36.3 54.5

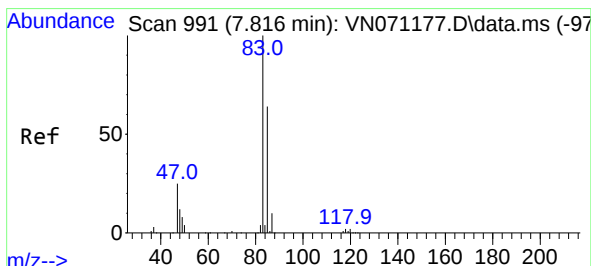
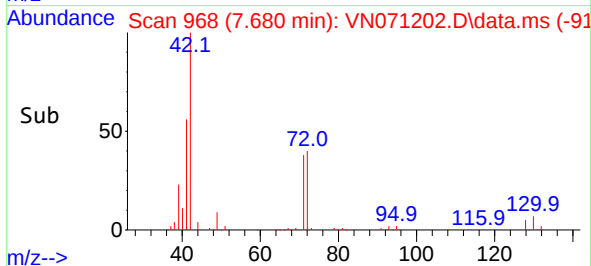
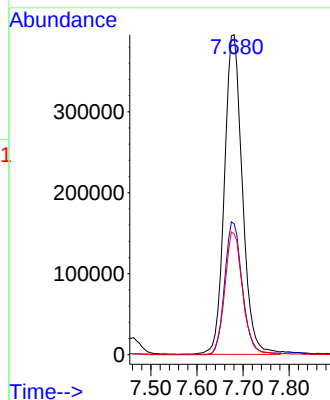
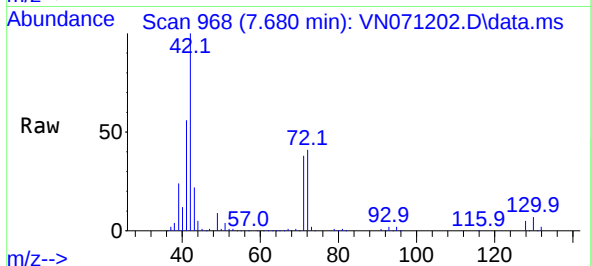
71 38.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#30

Chloroform

Concen: 48.950 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN071202.D

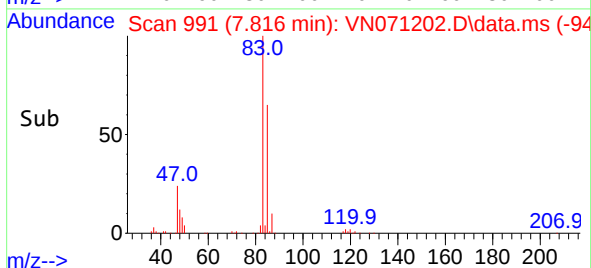
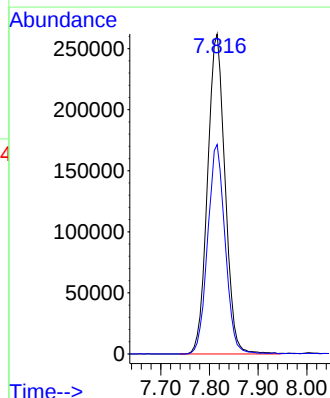
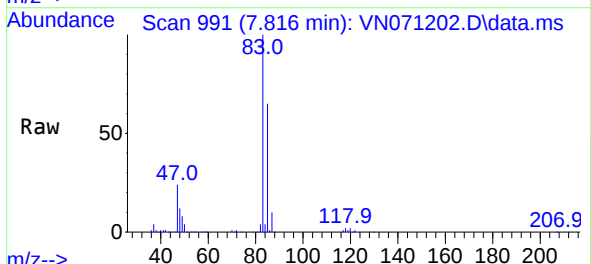
Acq: 09 Mar 2022 11:00

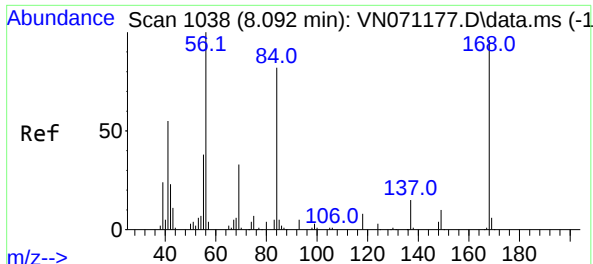
Tgt Ion: 83 Resp: 652506

Ion Ratio Lower Upper

83 100

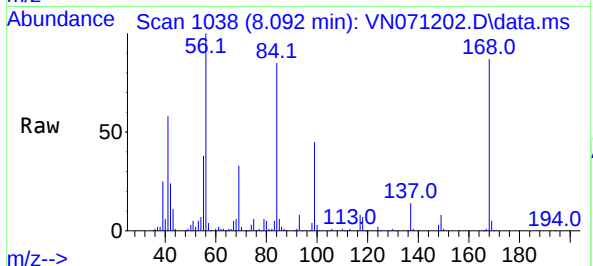
85 65.5 51.9 77.9





#31
Cyclohexane
Concen: 47.698 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

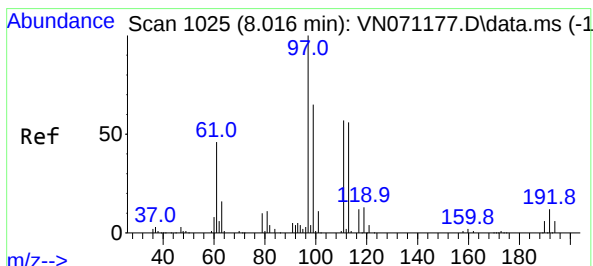
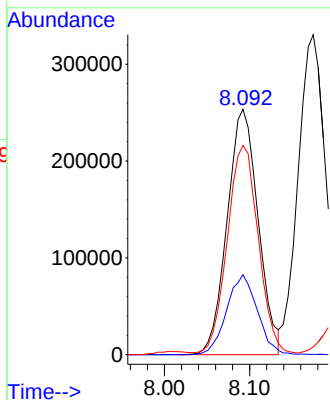
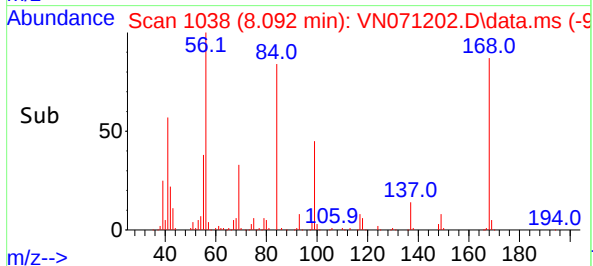
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



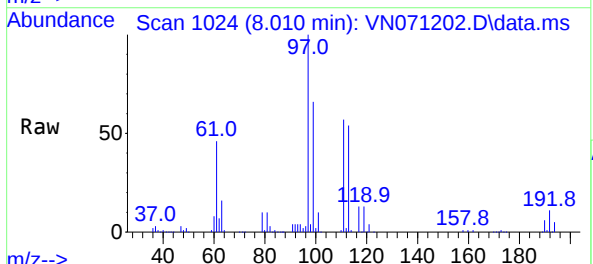
Tgt Ion: 56 Resp: 64275
Ion Ratio Lower Upper
56 100
69 32.6 27.1 40.7
84 84.1 73.4 110.0

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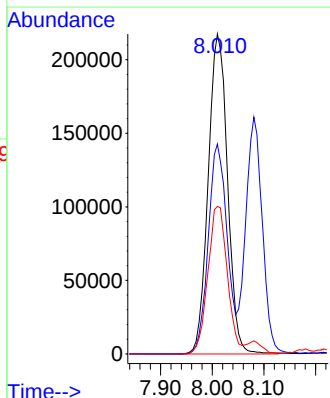
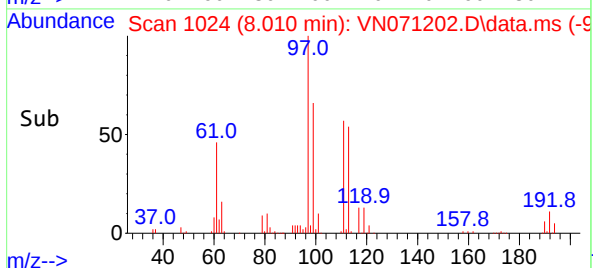
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

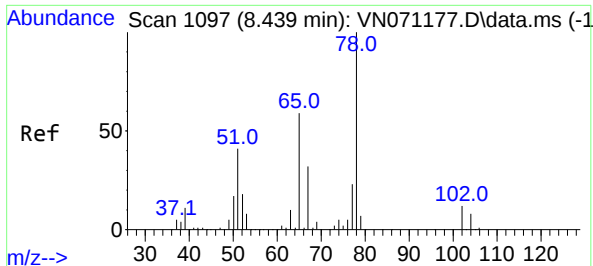


#32
1,1,1-Trichloroethane
Concen: 49.767 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 97 Resp: 565085
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 46.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 8.433 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 42413

Ion Ratio Lower Upper

65 100

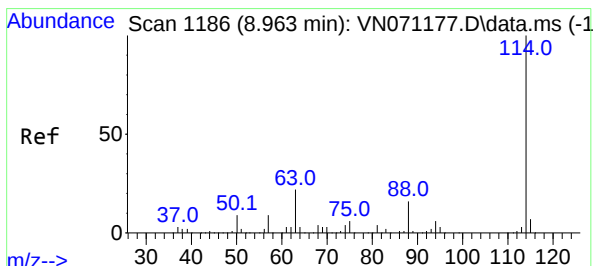
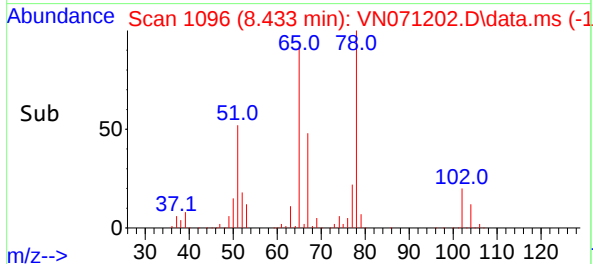
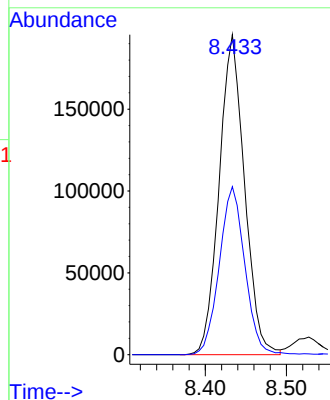
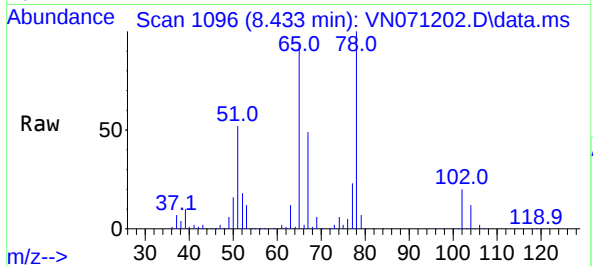
67 53.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

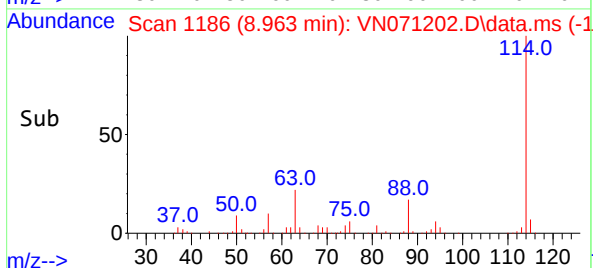
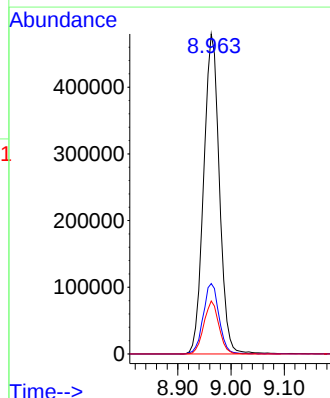
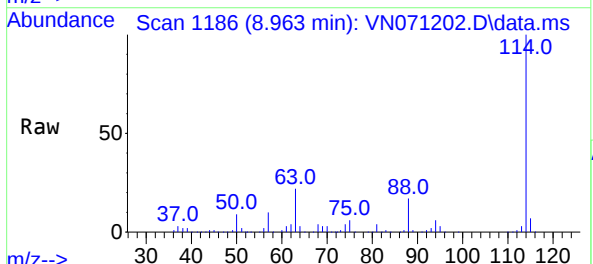
Tgt Ion:114 Resp: 981674

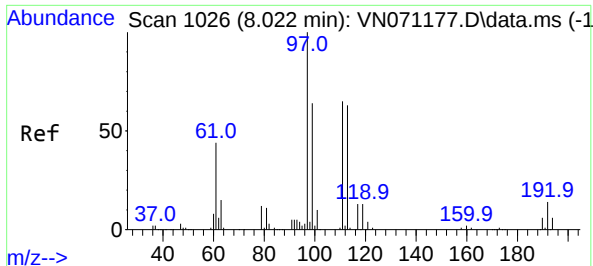
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

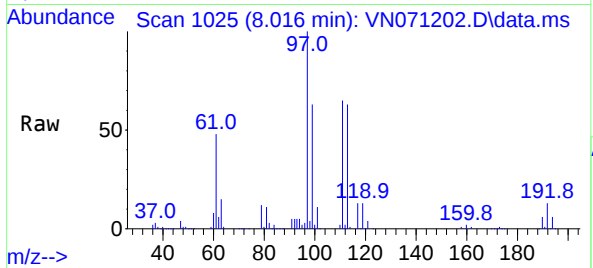
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.653 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

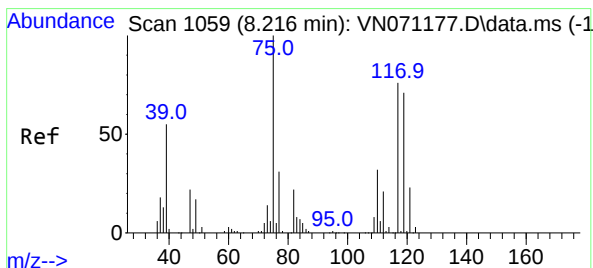
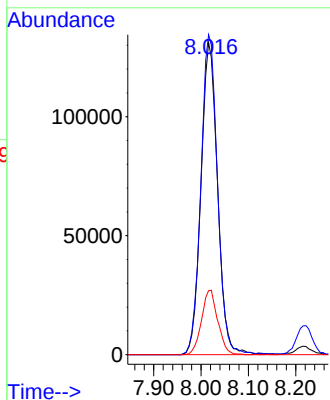
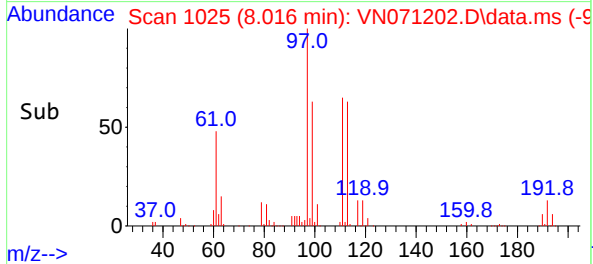
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 319978
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.2 16.9 25.3

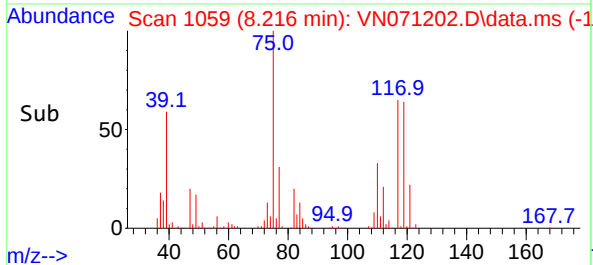
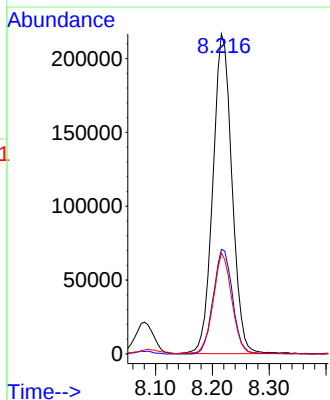
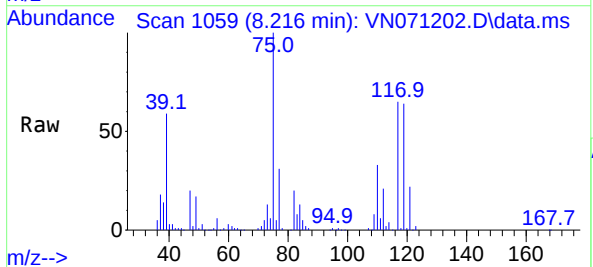
Manual Integrations
APPROVED

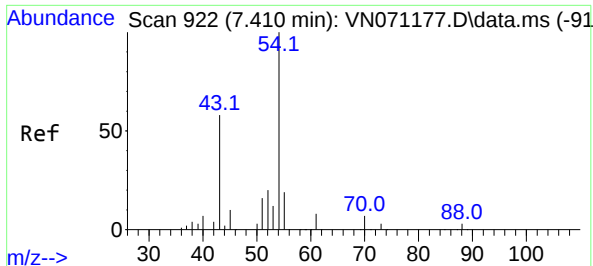
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#36
1,1-Dichloropropene
Concen: 50.908 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion: 75 Resp: 505276
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.5 24.4 36.6





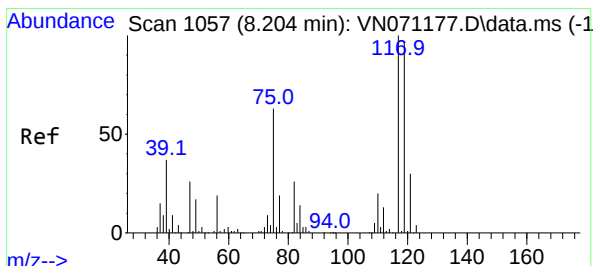
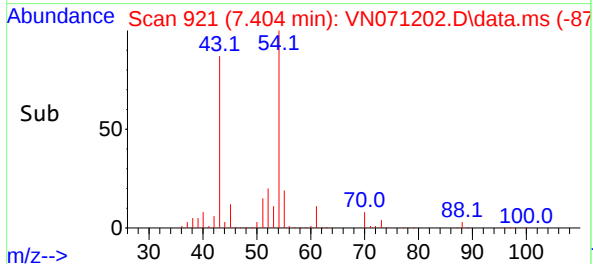
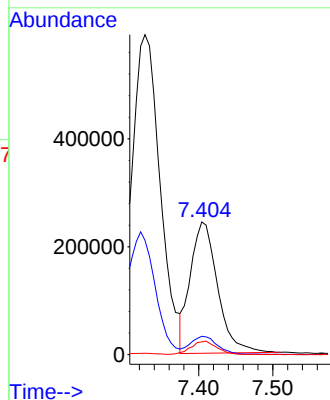
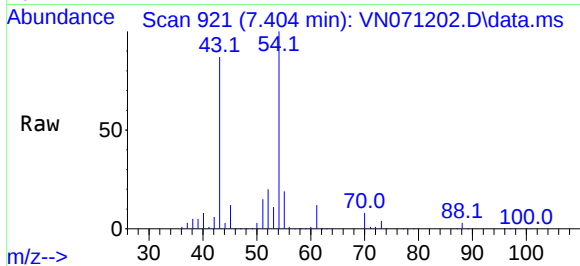
#37
Ethyl Acetate
Concen: 45.637 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62338
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.8 7.9 11.9

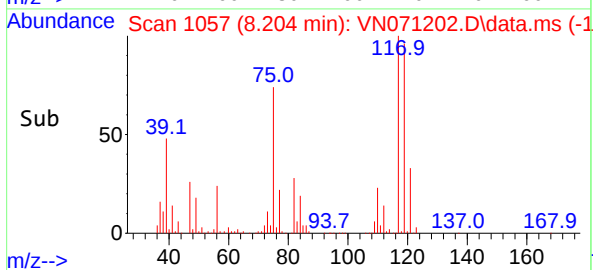
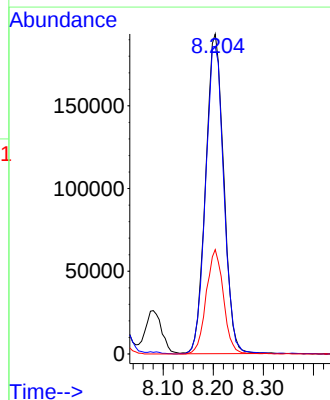
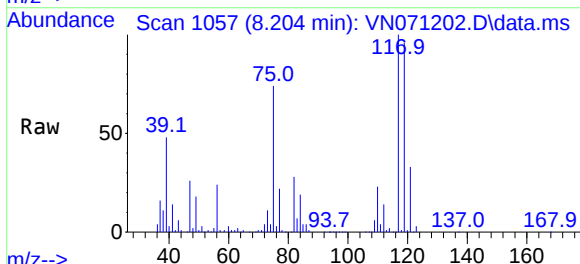
Manual Integrations
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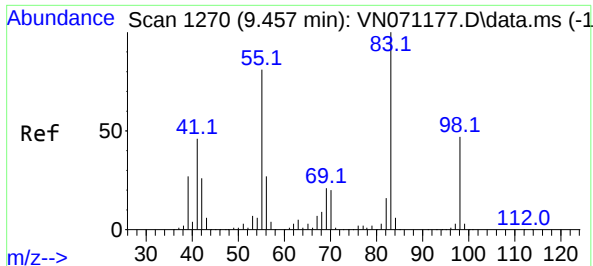
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#38
Carbon Tetrachloride
Concen: 50.422 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion:117 Resp: 484063
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1
121 32.7 24.2 36.2





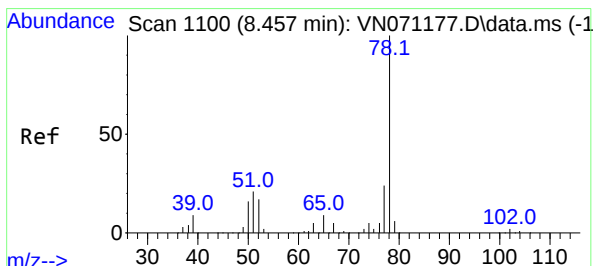
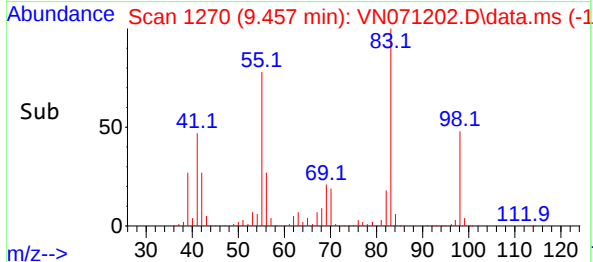
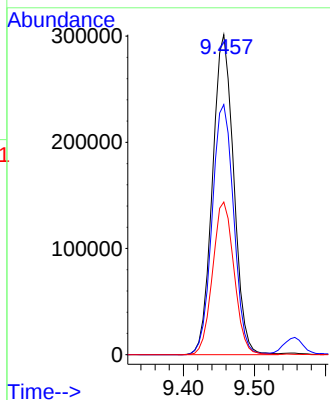
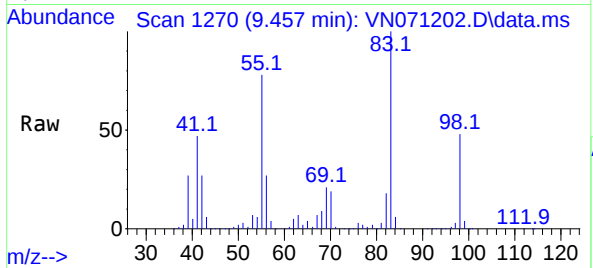
#39
Methylcyclohexane
Concen: 53.540 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 625139
Ion Ratio Lower Upper
83 100
55 78.1 58.1 87.1
98 47.7 38.4 57.6

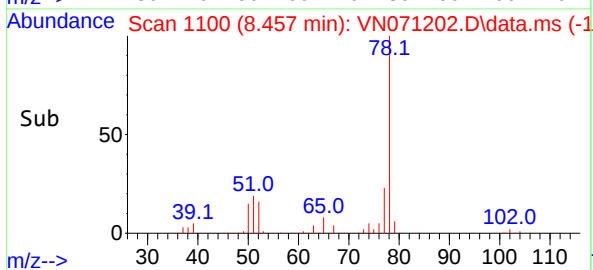
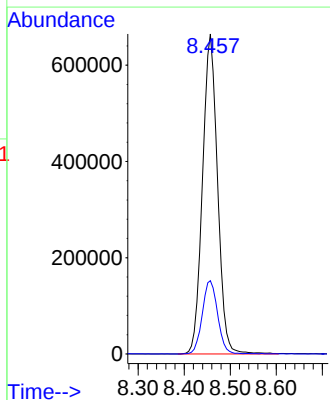
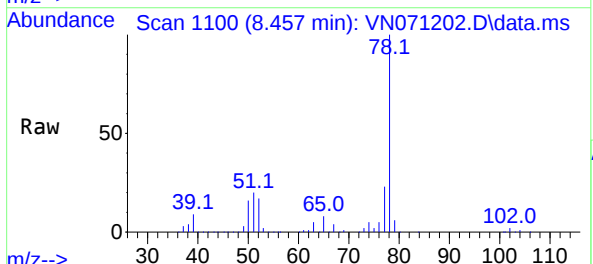
Manual Integrations
APPROVED

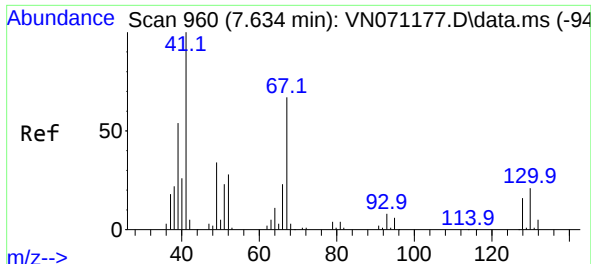
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#40
Benzene
Concen: 50.604 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

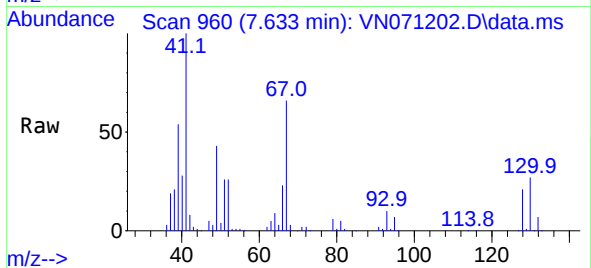
Tgt Ion: 78 Resp: 1513255
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8





#41
Methacrylonitrile
Concen: 52.582 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

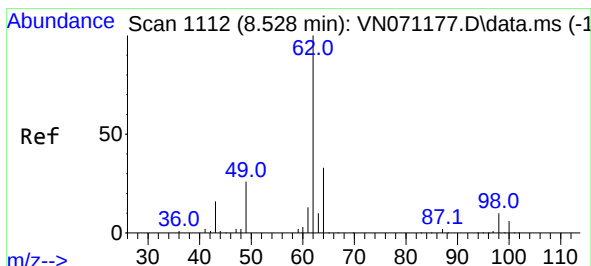
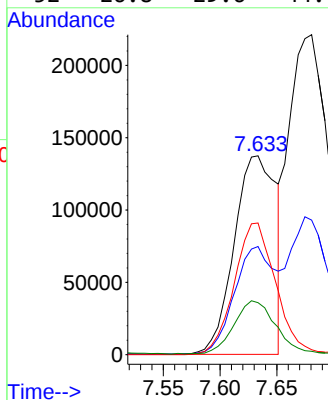
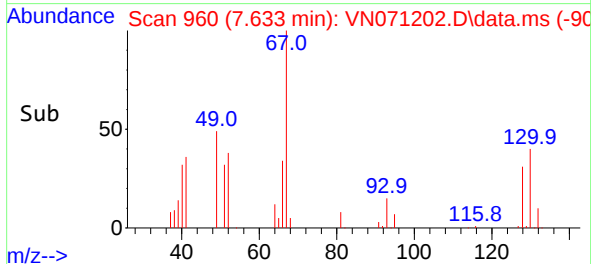
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 351500
Ion Ratio Lower Upper
41 100
39 52.3 48.1 72.1
67 66.1 68.3 102.5
52 26.8 29.6 44.4#

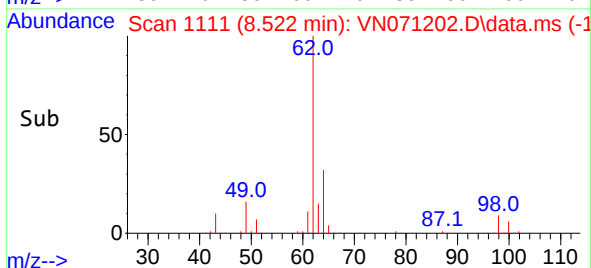
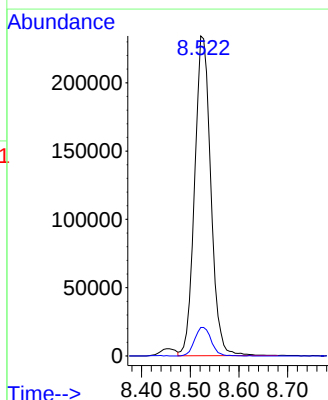
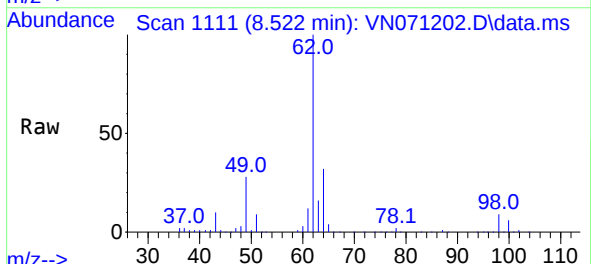
Manual Integrations
APPROVED

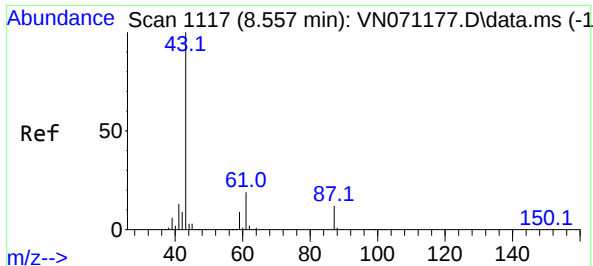
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
1,2-Dichloroethane
Concen: 51.912 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

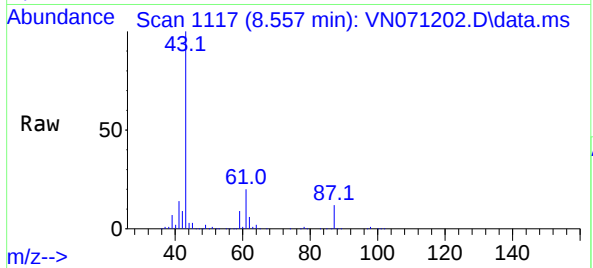
Tgt Ion: 62 Resp: 540210
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.290 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

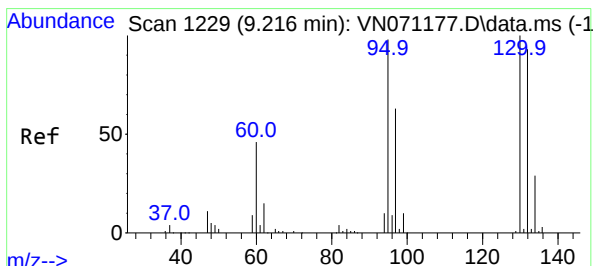
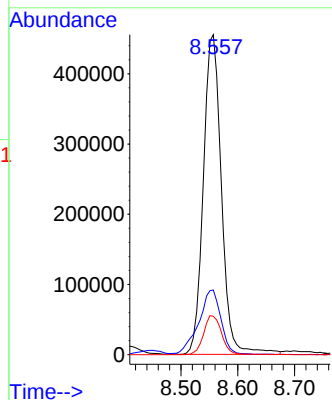
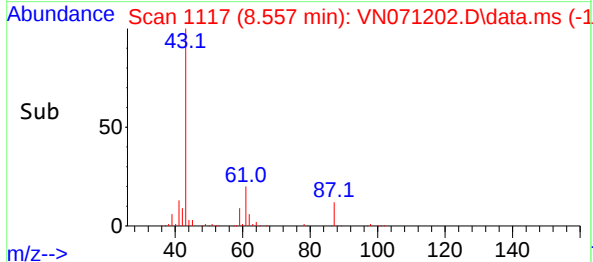
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



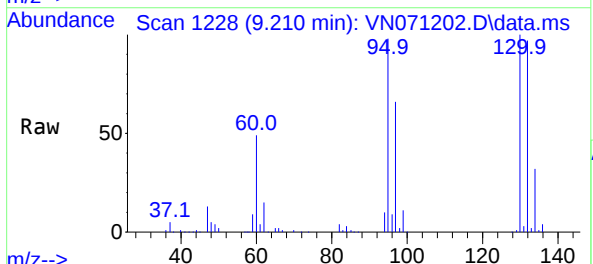
Tgt Ion: 43 Resp: 1006830
Ion Ratio Lower Upper
43 100
61 24.7 20.4 30.6
87 12.1 11.2 16.8

Manual Integrations
APPROVED

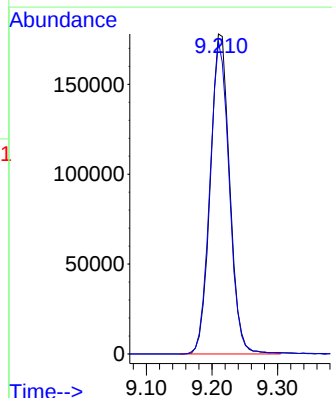
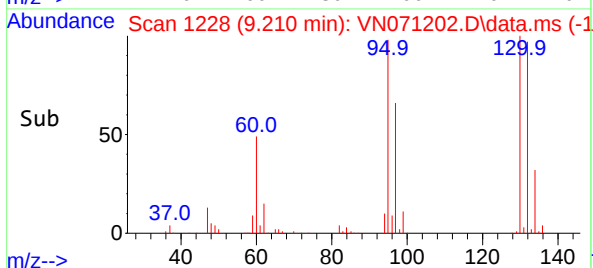
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

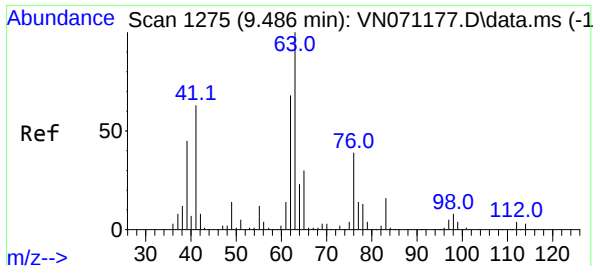


#44
Trichloroethene
Concen: 51.638 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:130 Resp: 364348
Ion Ratio Lower Upper
130 100
95 97.7 0.0 191.2





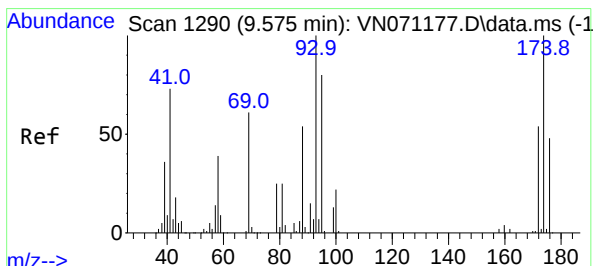
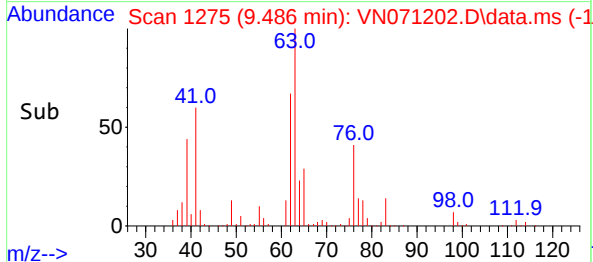
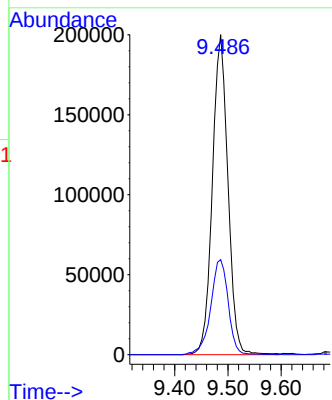
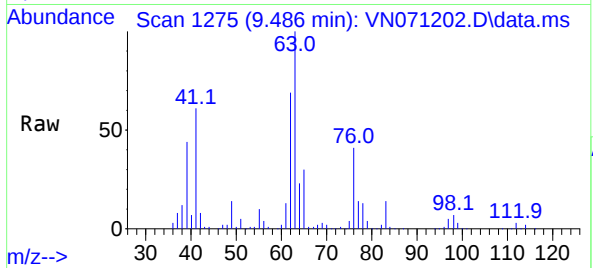
#45
1,2-Dichloropropane
Concen: 50.515 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 405512
Ion Ratio Lower Upper
63 100
65 29.7 24.7 37.1

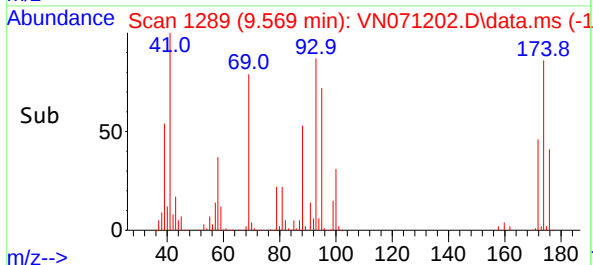
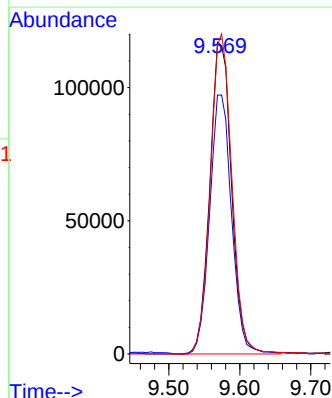
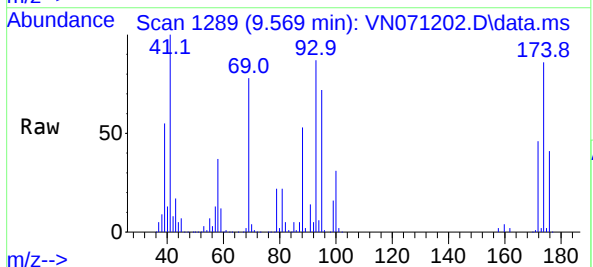
Manual Integrations
APPROVED

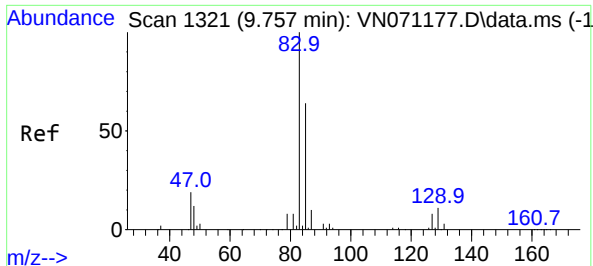
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#46
Dibromomethane
Concen: 50.469 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

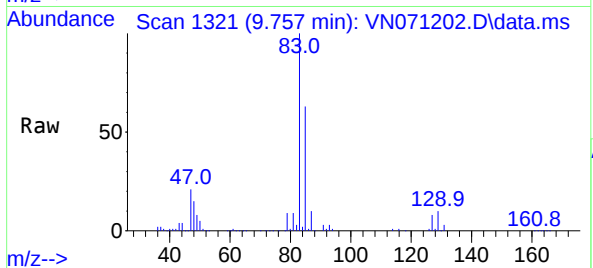
Tgt Ion: 93 Resp: 249359
Ion Ratio Lower Upper
93 100
95 83.8 65.9 98.9
174 101.4 84.6 127.0





#47
Bromodichloromethane
Concen: 51.545 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

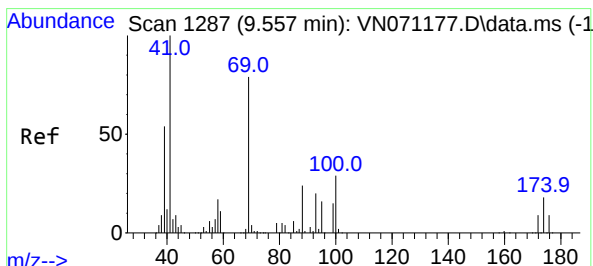
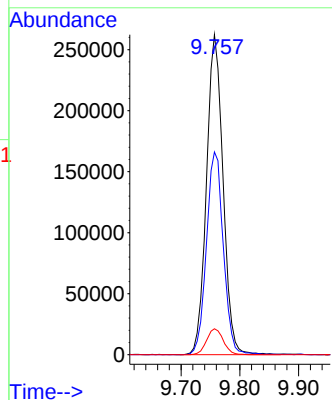
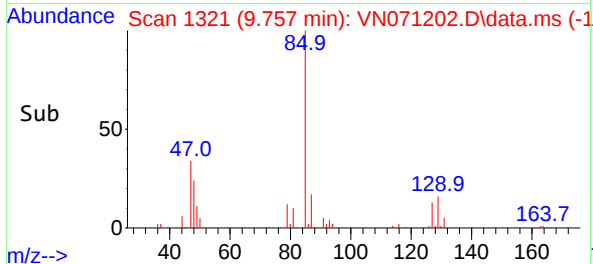
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



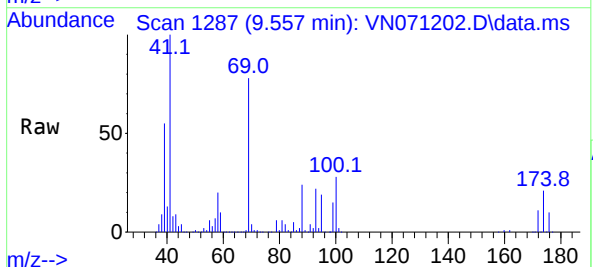
Tgt Ion: 83 Resp: 51468
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

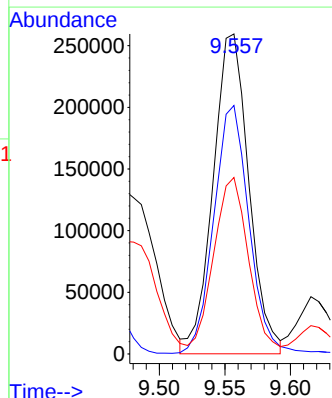
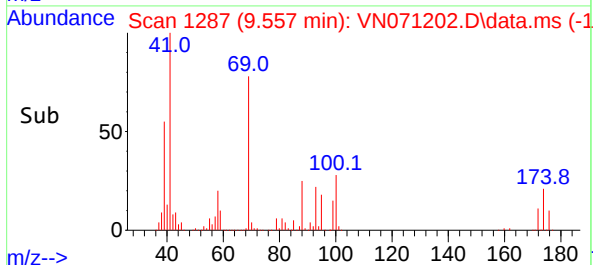
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

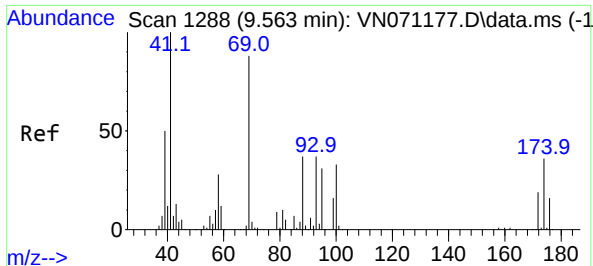


#48
Methyl methacrylate
Concen: 52.025 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 41 Resp: 492478
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 53.6 58.4 87.6#





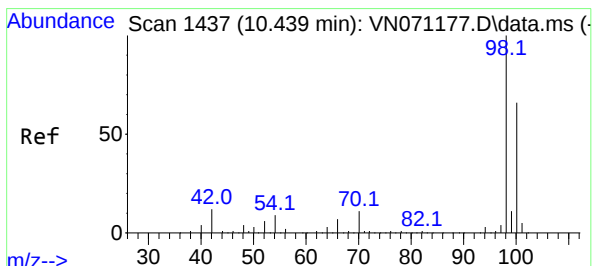
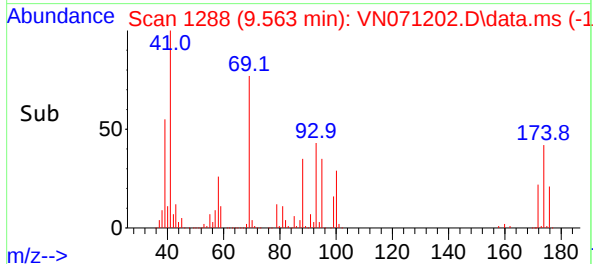
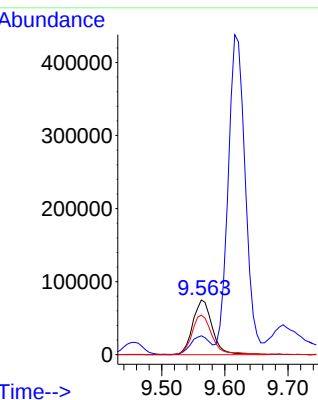
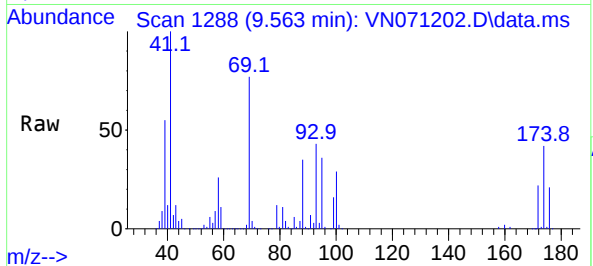
#49
1,4-Dioxane
Concen: 976.949 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 160749
Ion Ratio Lower Upper
88 100
43 32.5 23.4 35.2
58 75.5 50.6 75.8

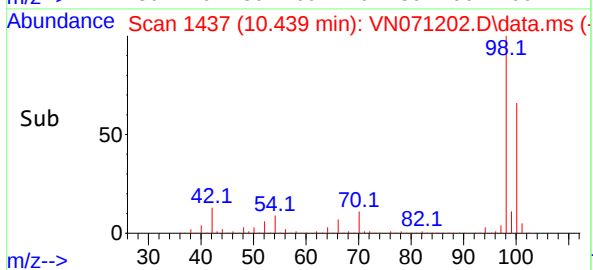
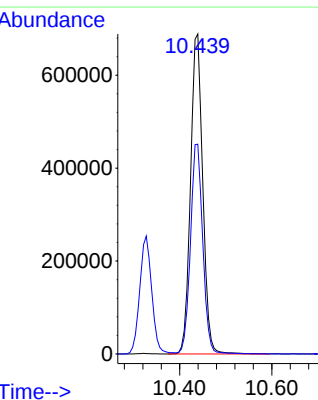
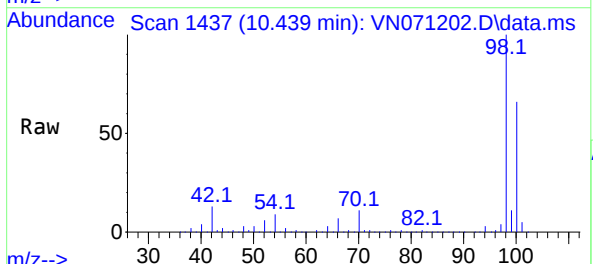
Manual Integrations
APPROVED

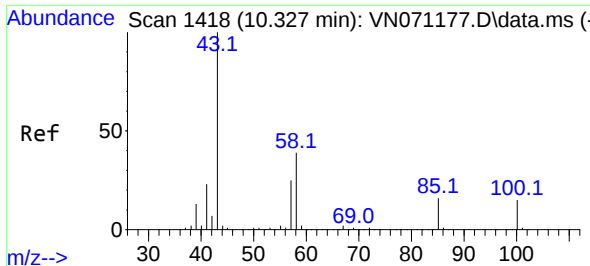
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion: 98 Resp: 1274130
Ion Ratio Lower Upper
98 100
100 66.2 50.4 75.6





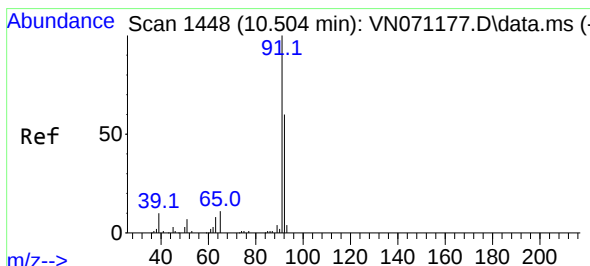
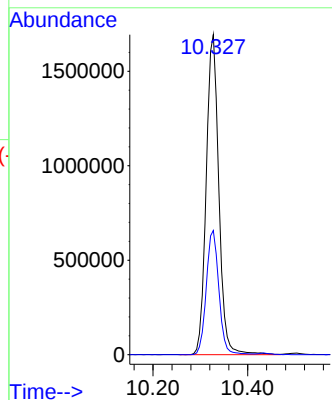
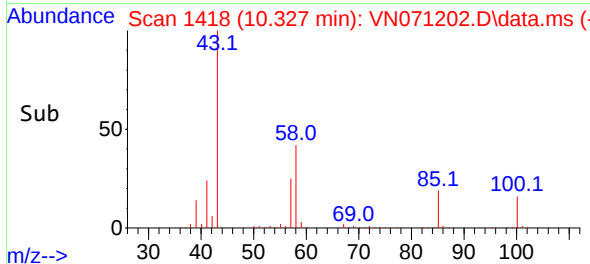
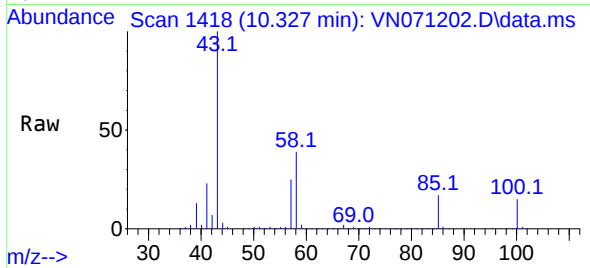
#51
4-Methyl-2-Pentanone
Concen: 246.895 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 312987
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

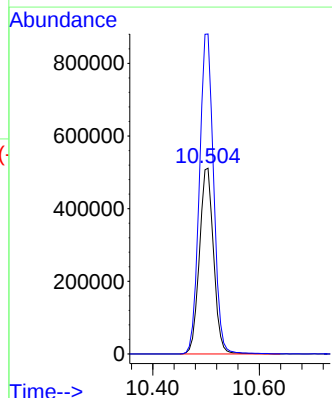
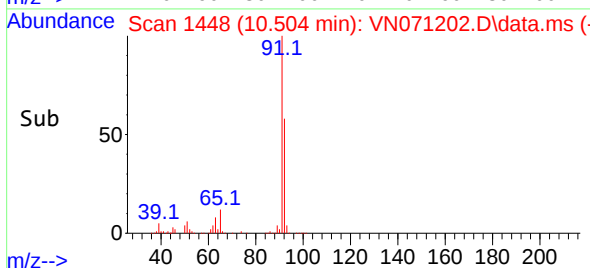
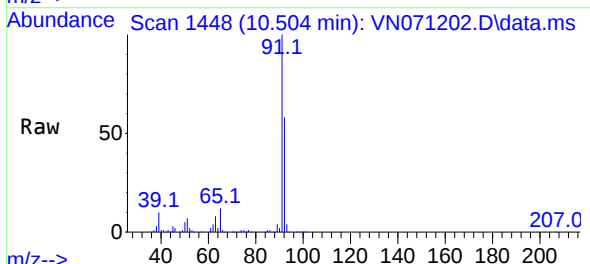
Manual Integrations
APPROVED

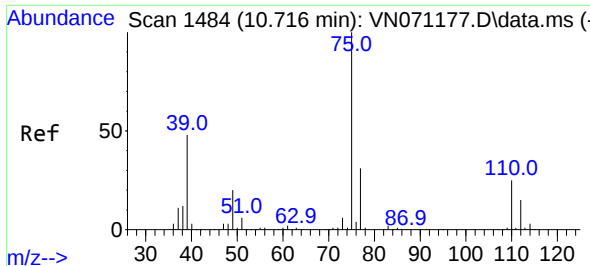
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Toluene
Concen: 51.225 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

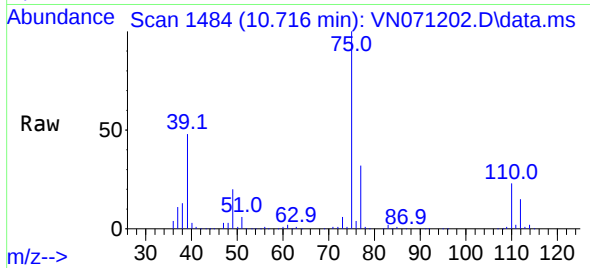
Tgt Ion: 92 Resp: 943277
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.448 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

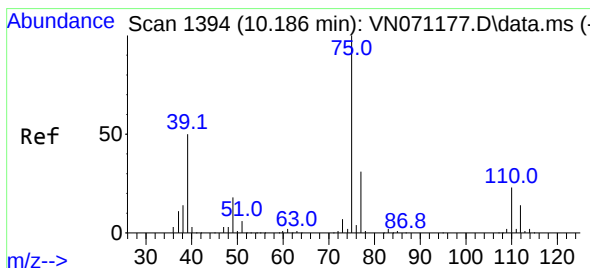
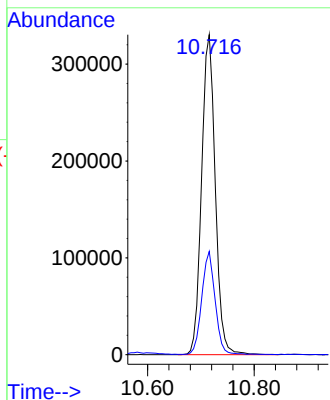
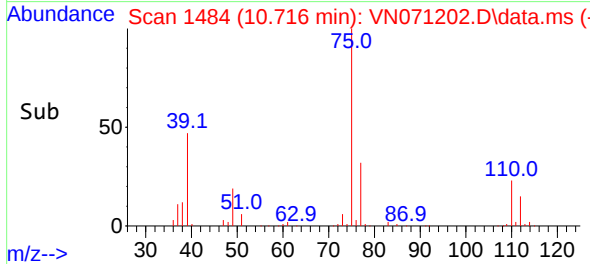
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



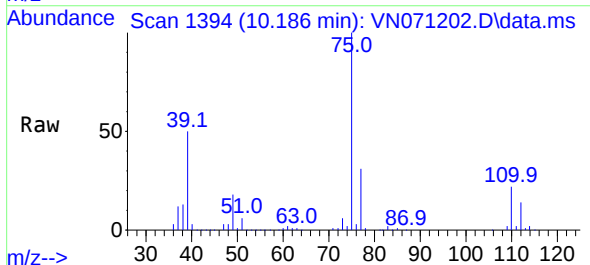
Tgt Ion: 75 Resp: 588290
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations
APPROVED

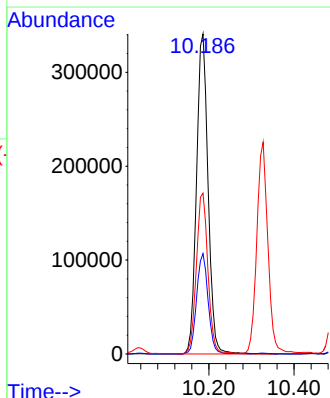
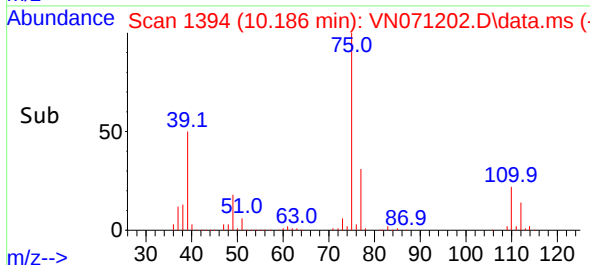
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

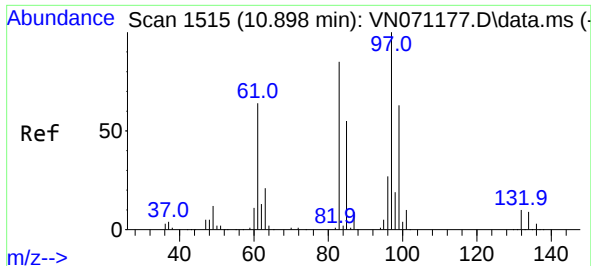


#54
cis-1,3-Dichloropropene
Concen: 53.309 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



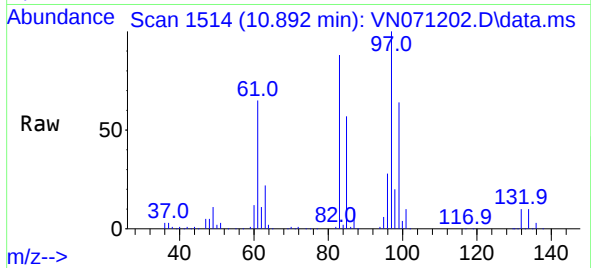
Tgt Ion: 75 Resp: 641124
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 50.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.200 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

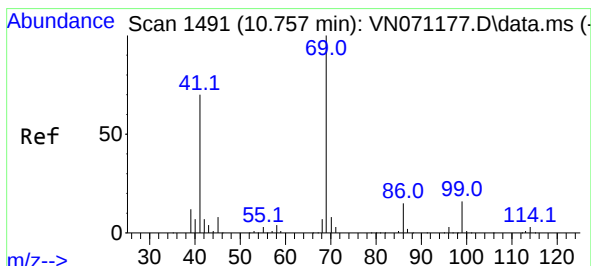
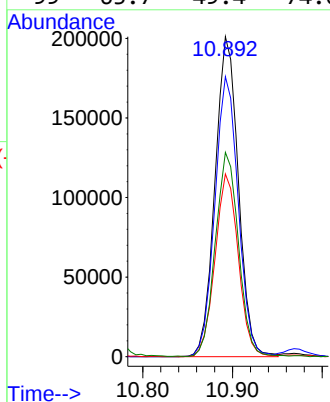
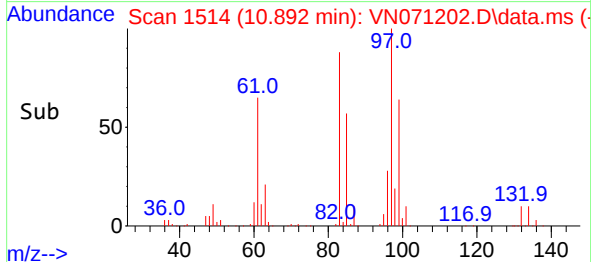
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



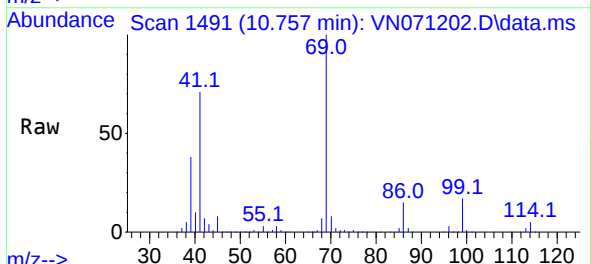
Tgt Ion: 97 Resp: 36303
Ion Ratio Lower Upper
97 100
83 87.5 67.8 101.6
85 57.1 45.4 68.2
99 63.7 49.4 74.0

Manual Integrations
APPROVED

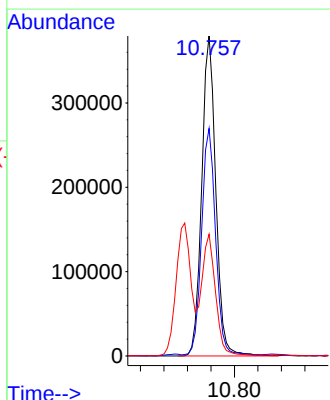
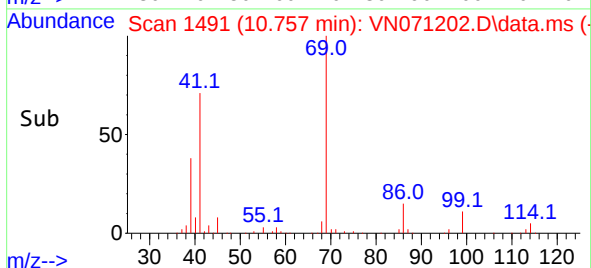
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

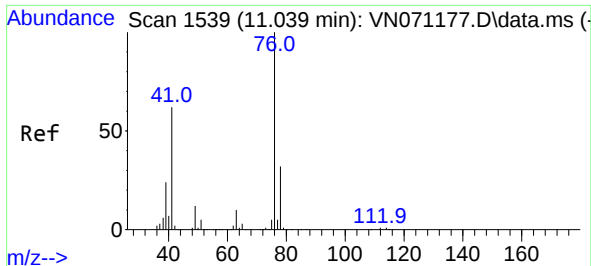


#56
Ethyl methacrylate
Concen: 52.276 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 69 Resp: 629936
Ion Ratio Lower Upper
69 100
41 70.2 51.4 77.0
39 37.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 50.649 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071202.D

Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 670830

Ion Ratio Lower Upper

76 100

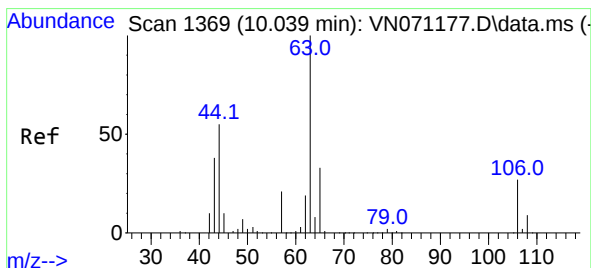
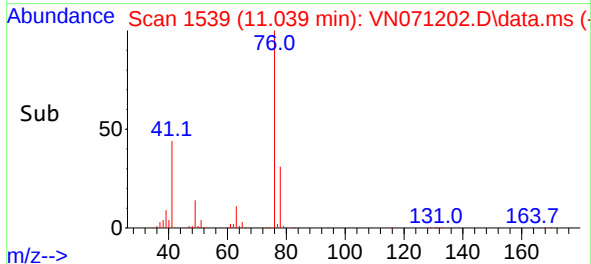
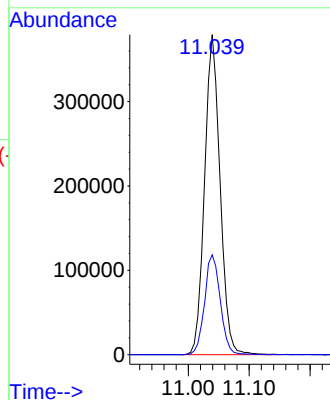
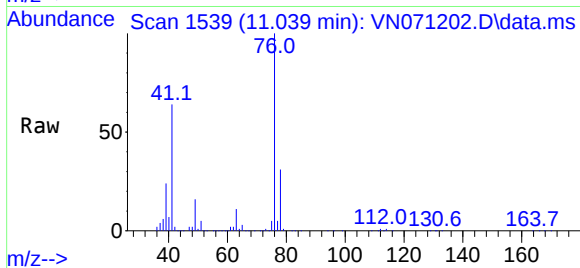
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 213.427 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071202.D

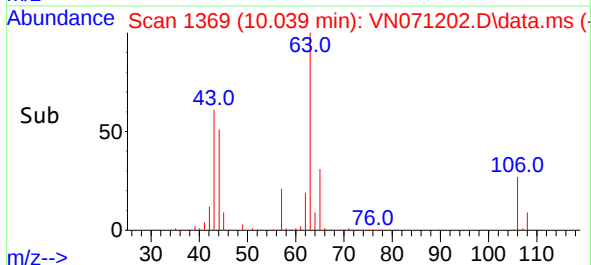
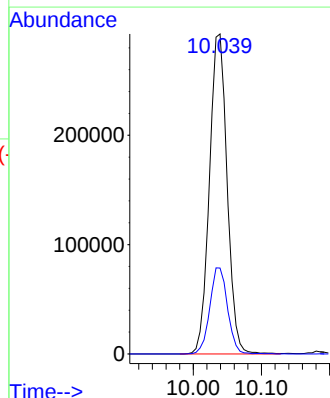
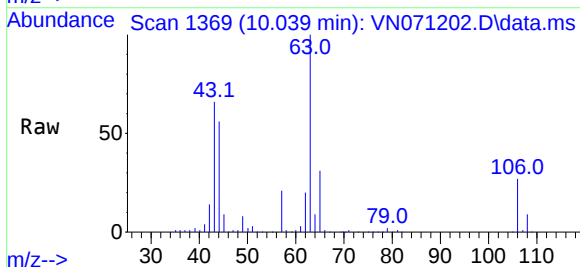
Acq: 09 Mar 2022 11:00

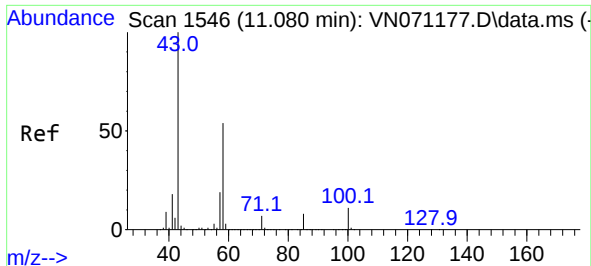
Tgt Ion: 63 Resp: 528711

Ion Ratio Lower Upper

63 100

106 27.0 23.9 35.9





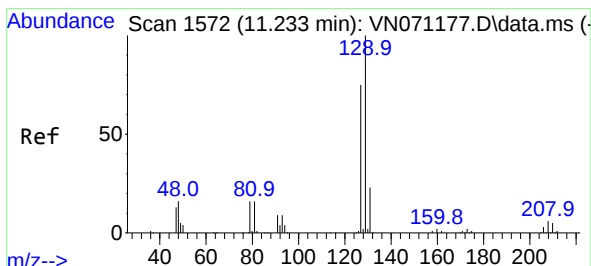
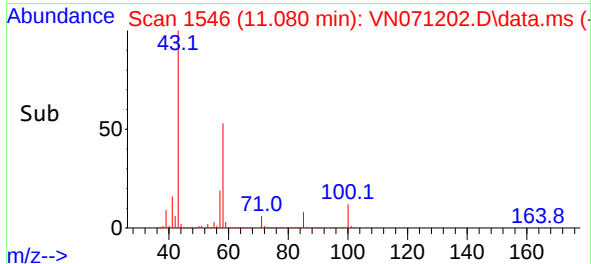
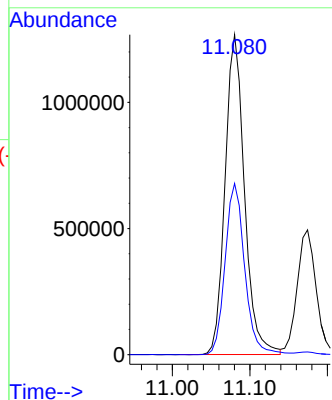
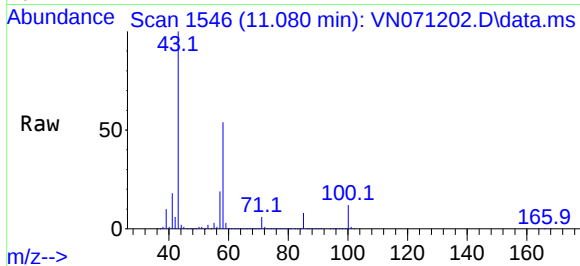
#59
2-Hexanone
Concen: 255.457 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 220960
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

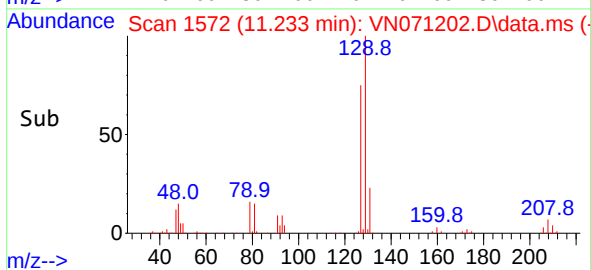
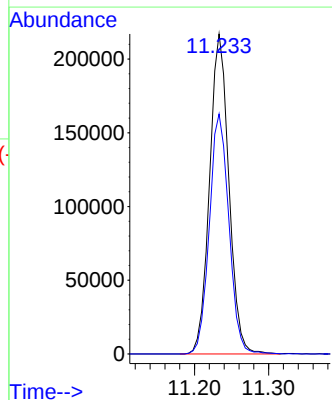
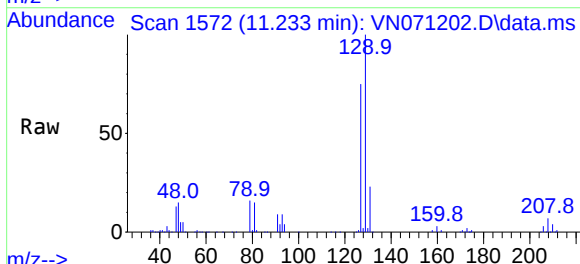
Manual Integrations
APPROVED

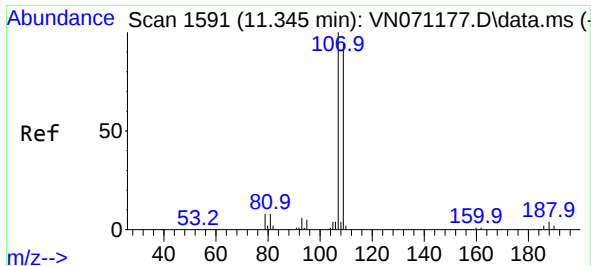
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
Dibromochloromethane
Concen: 53.496 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

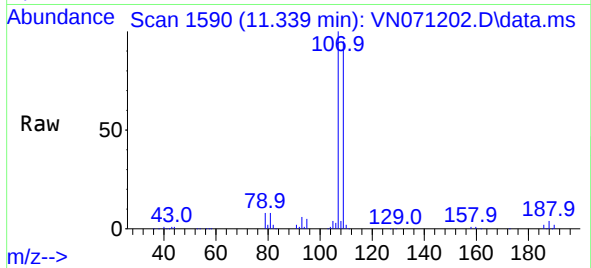
Tgt Ion:129 Resp: 392207
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.409 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

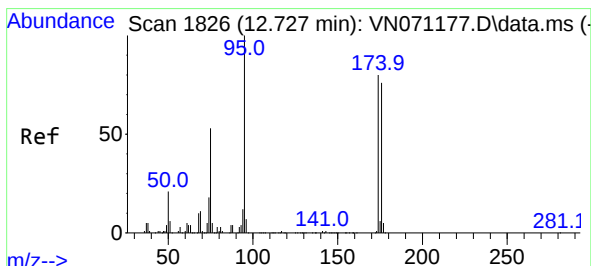
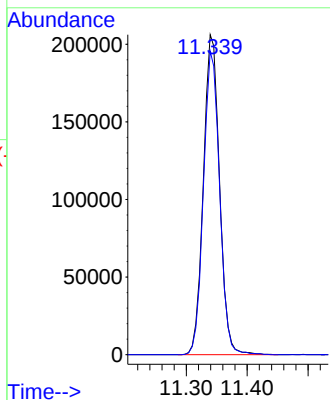
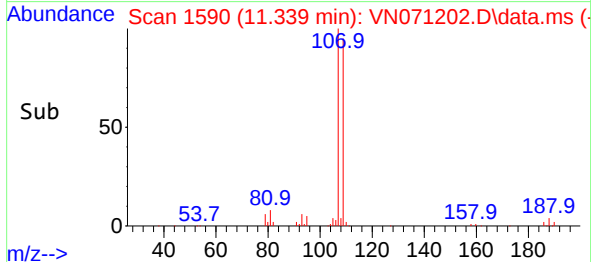
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



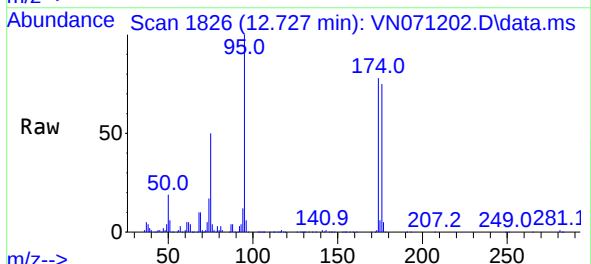
Tgt Ion:107 Resp: 38015
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

Manual Integrations
APPROVED

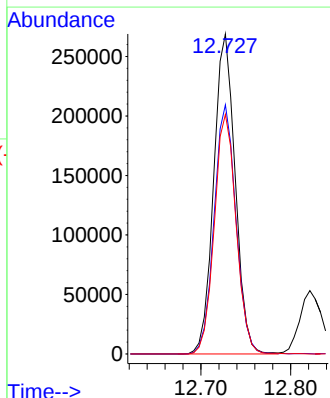
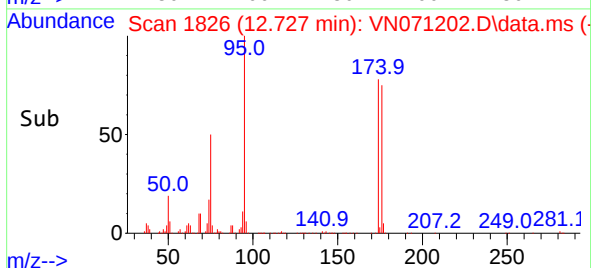
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

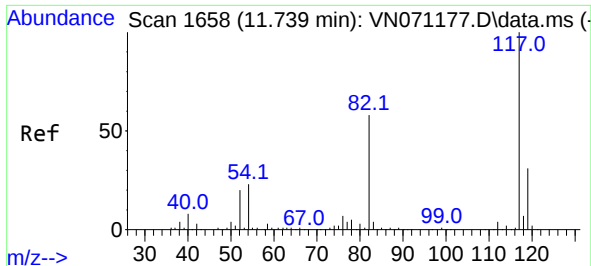


#62
4-Bromofluorobenzene
Concen: 52.829 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



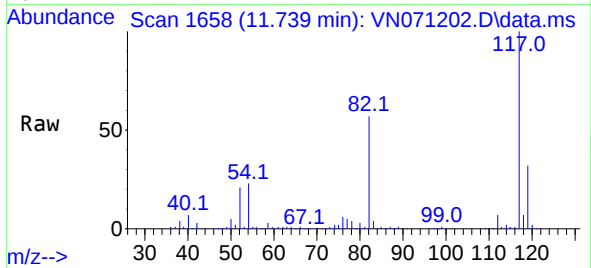
Tgt Ion: 95 Resp: 446188
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

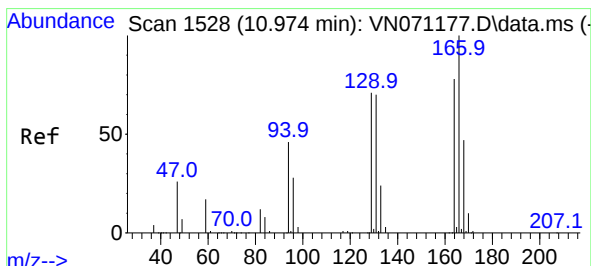
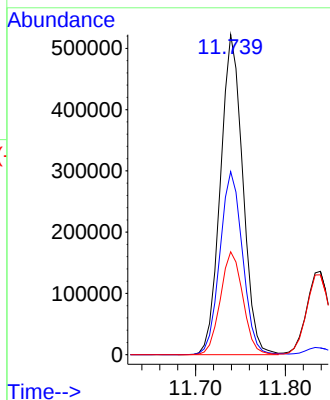
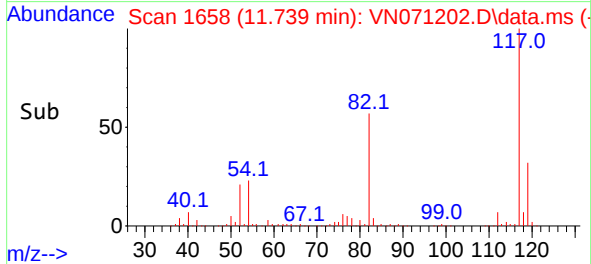
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



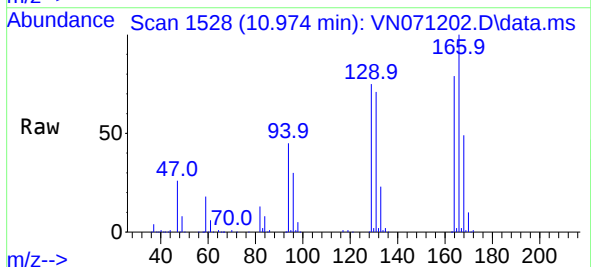
Tgt Ion:117 Resp: 903799
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

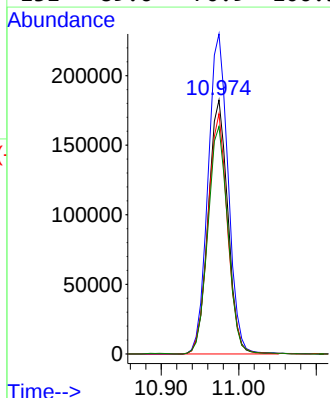
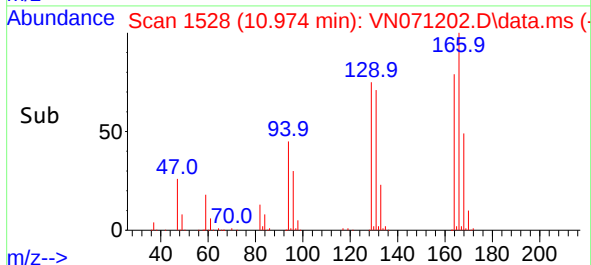
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

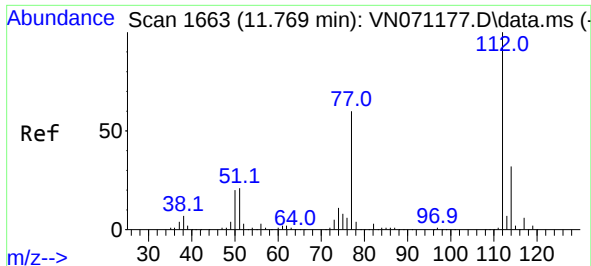


#64
Tetrachloroethene
Concen: 51.012 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:164 Resp: 321552
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 94.6 72.0 108.0
131 89.6 70.9 106.3





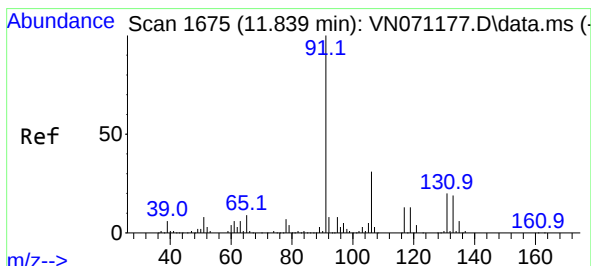
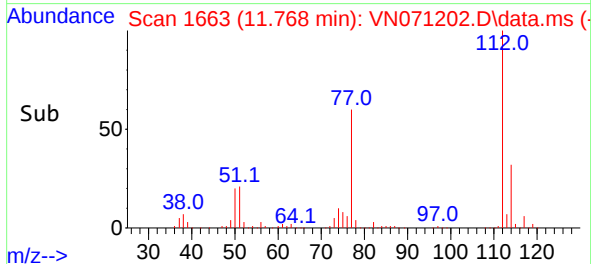
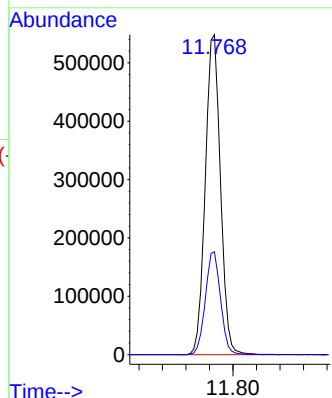
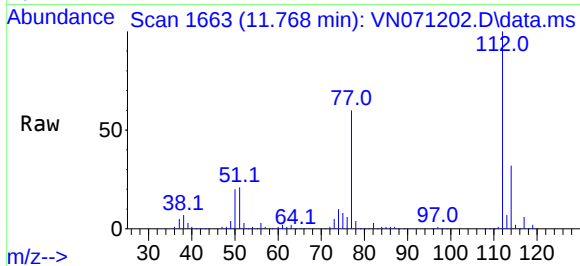
#65
Chlorobenzene
Concen: 50.618 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 982484
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

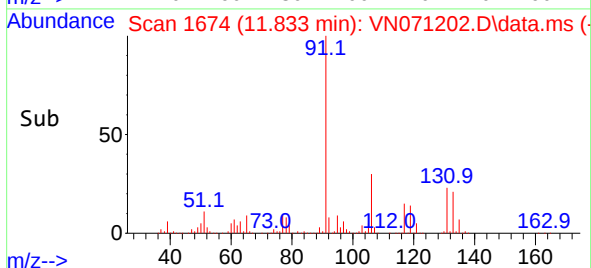
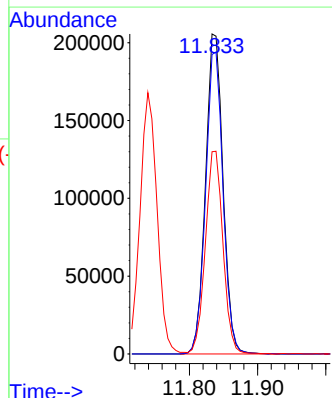
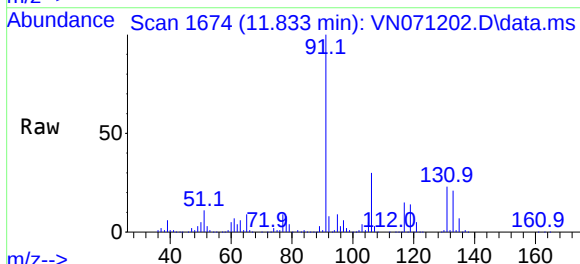
Manual Integrations
APPROVED

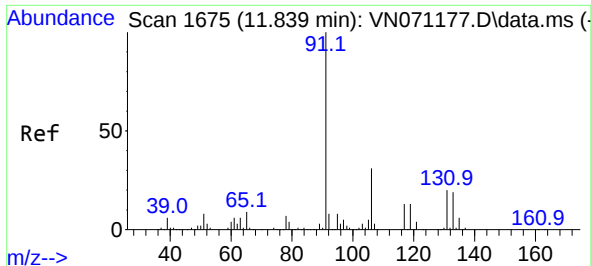
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.548 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion:131 Resp: 366865
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 63.9 32.1 96.5





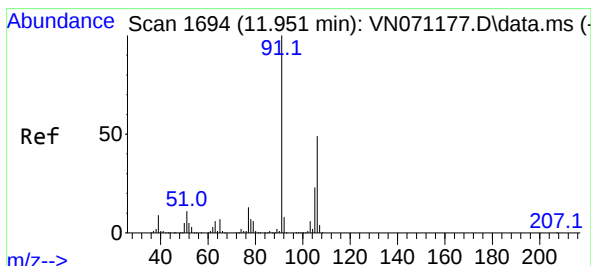
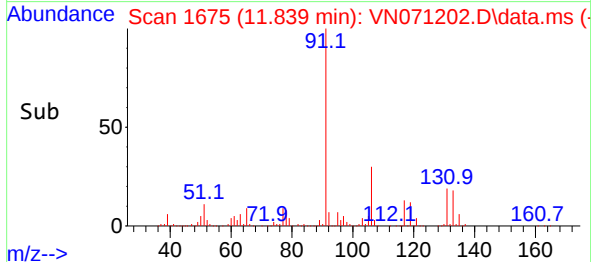
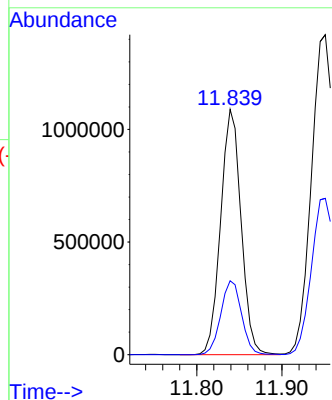
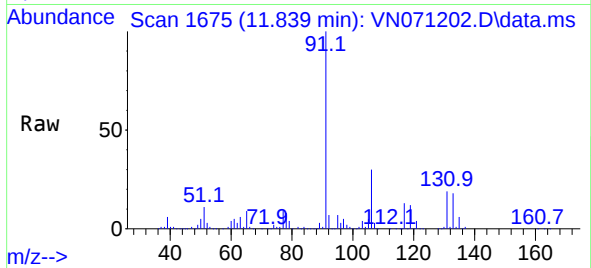
#67
Ethyl Benzene
Concen: 52.899 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 181540
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

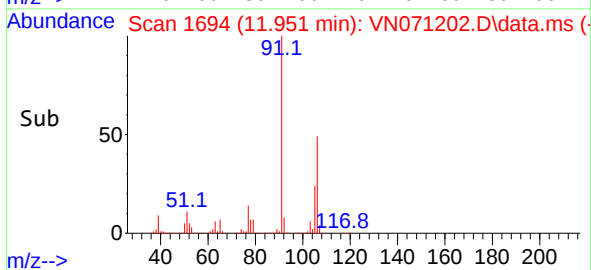
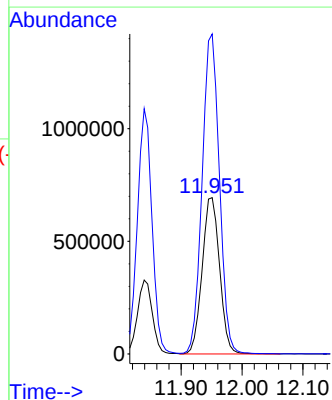
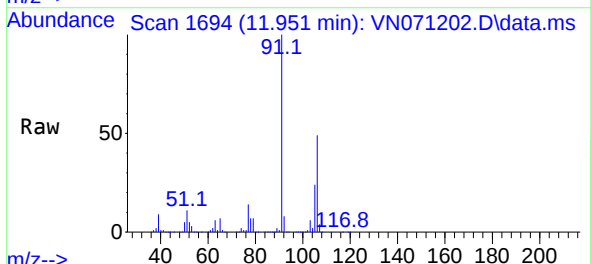
Manual Integrations
APPROVED

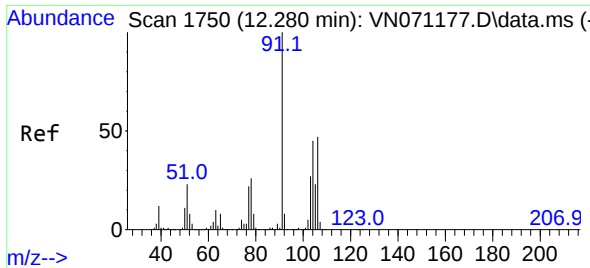
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#68
m/p-Xylenes
Concen: 110.097 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

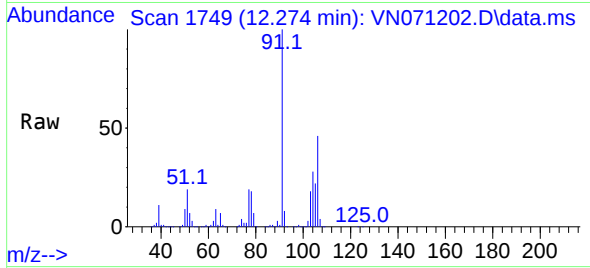
Tgt Ion:106 Resp: 1382229
Ion Ratio Lower Upper
106 100
91 202.6 160.6 240.8





#69
o-Xylene
Concen: 54.258 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

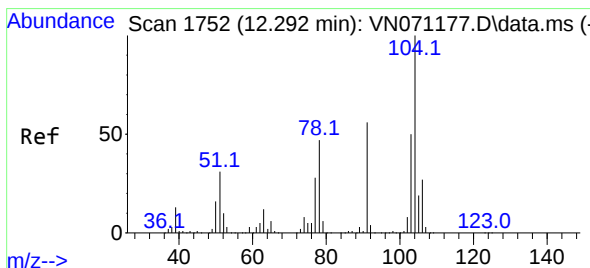
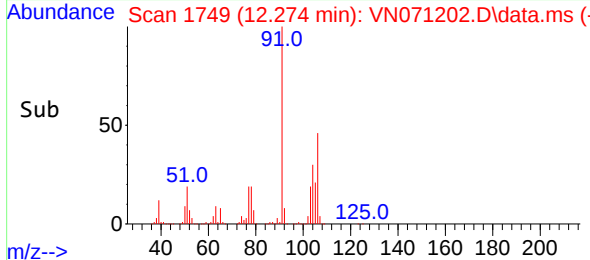
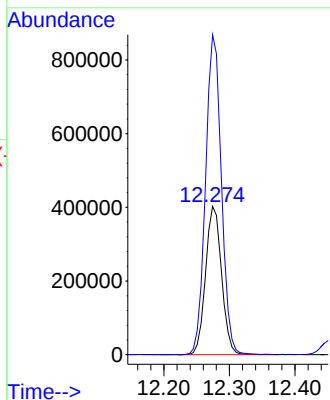
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 682825
Ion Ratio Lower Upper
106 100
91 214.0 105.8 317.3

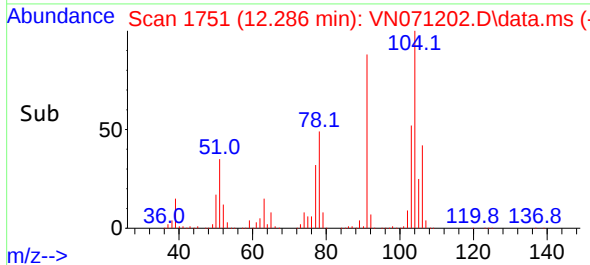
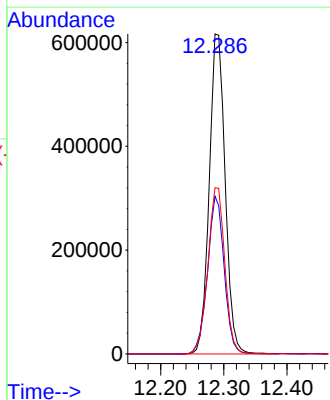
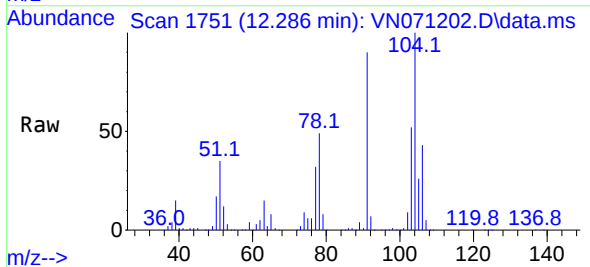
Manual Integrations
APPROVED

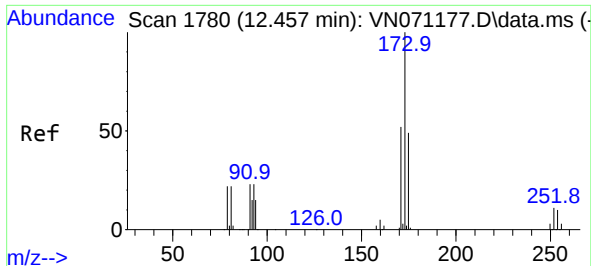
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#70
Styrene
Concen: 55.503 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

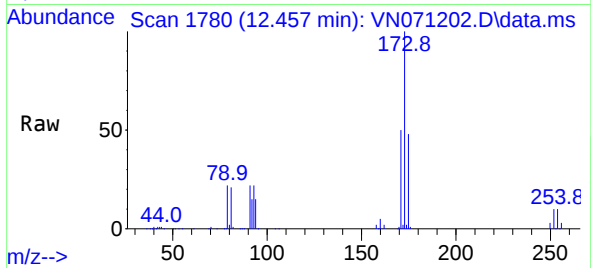
Tgt Ion:104 Resp: 1081221
Ion Ratio Lower Upper
104 100
78 51.4 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 53.842 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

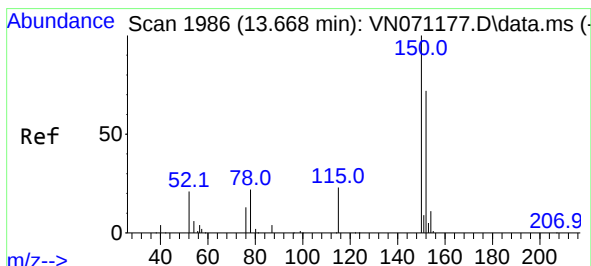
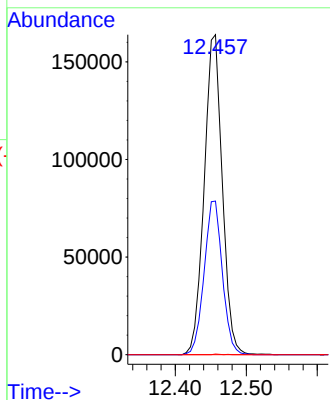
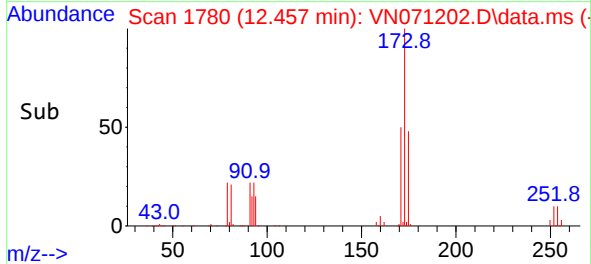
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



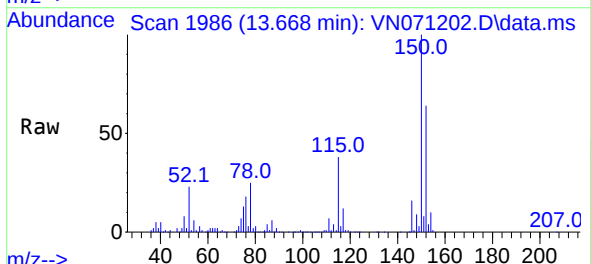
Tgt Ion:173 Resp: 291007
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

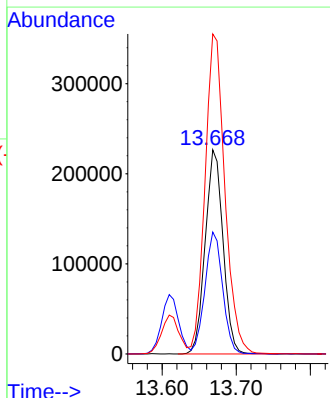
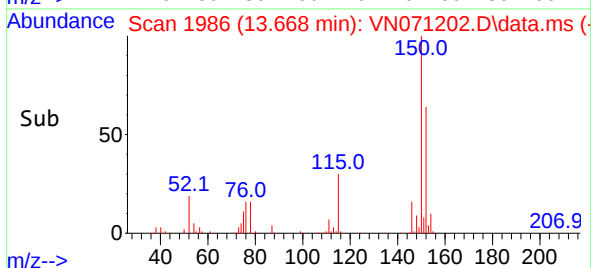
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

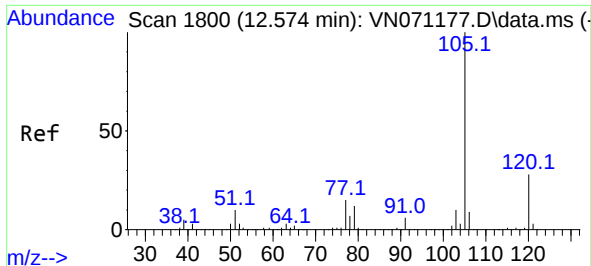


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:152 Resp: 378663
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 174.3 0.0 344.4





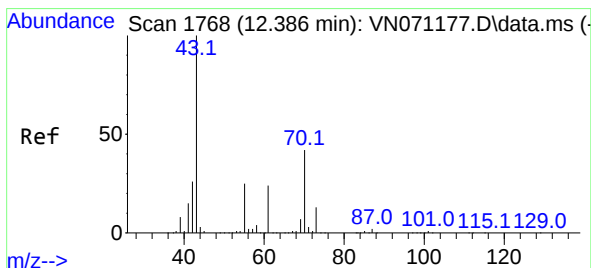
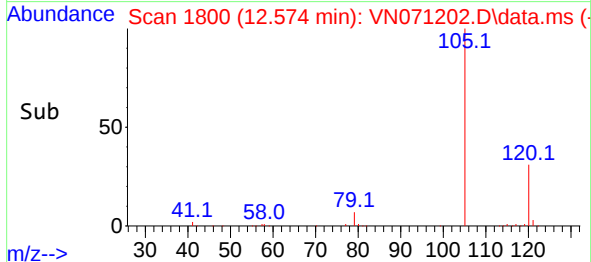
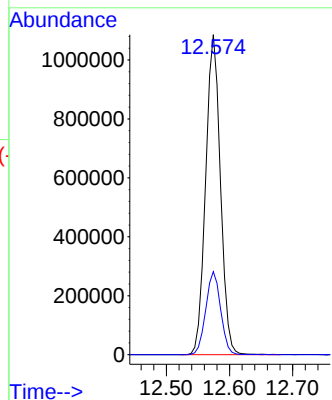
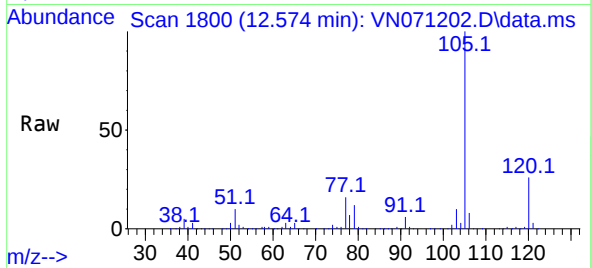
#73
Isopropylbenzene
Concen: 48.325 ug/l
RT: 12.574 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1763969
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

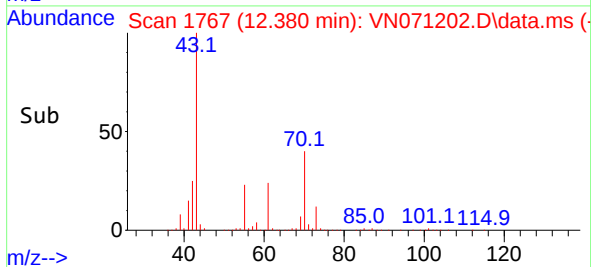
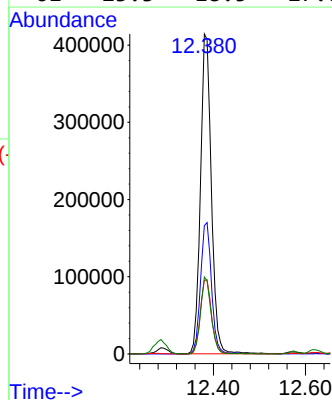
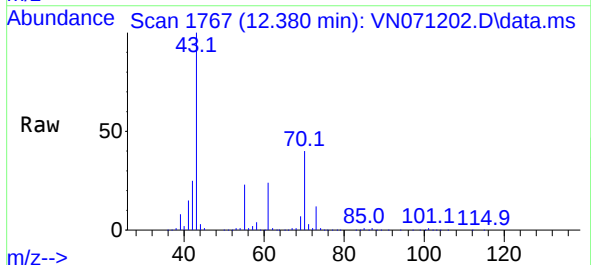
Manual Integrations
APPROVED

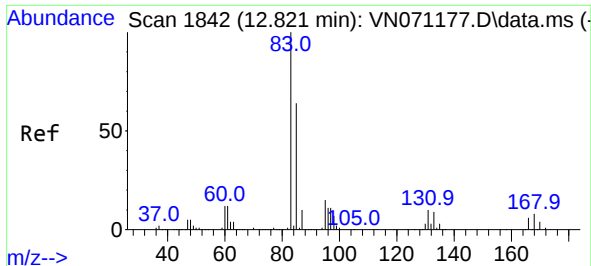
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#74
N-ethyl acetate
Concen: 49.715 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

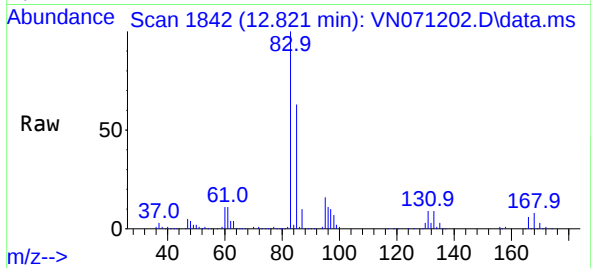
Tgt Ion: 43 Resp: 682329
Ion Ratio Lower Upper
43 100
70 41.4 33.4 50.0
55 24.1 19.3 28.9
61 23.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.316 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

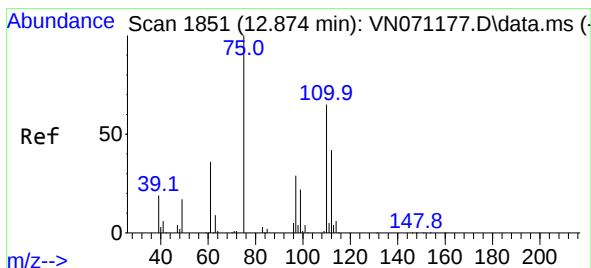
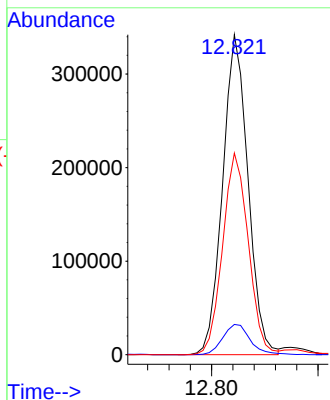
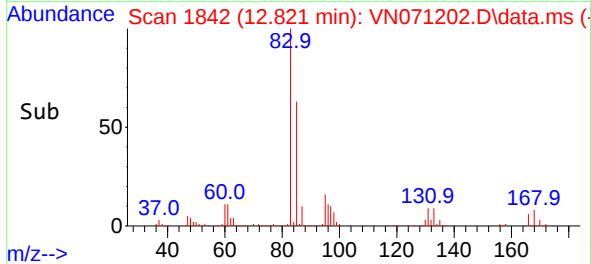
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



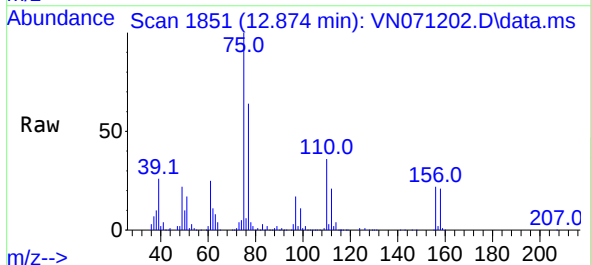
Tgt Ion: 83 Resp: 566199
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
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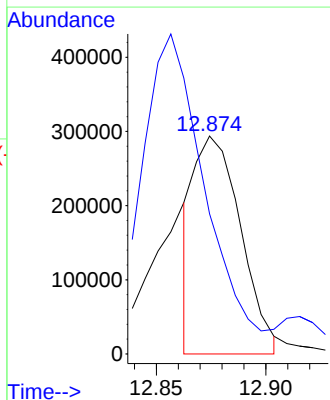
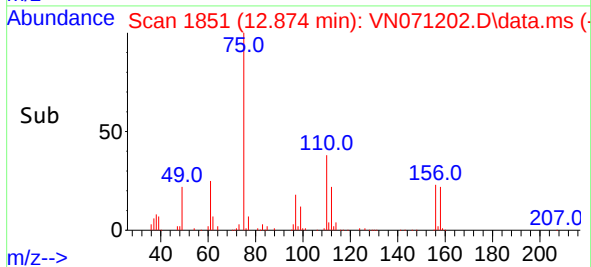
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

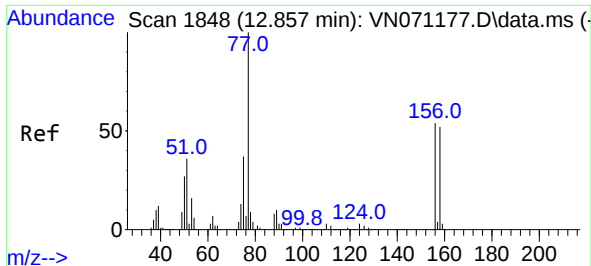


#76
1,2,3-Trichloropropane
Concen: 47.277 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion: 75 Resp: 435300
Ion Ratio Lower Upper
75 100
77 201.3 82.6 247.8





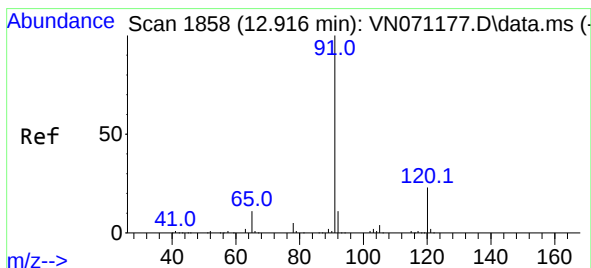
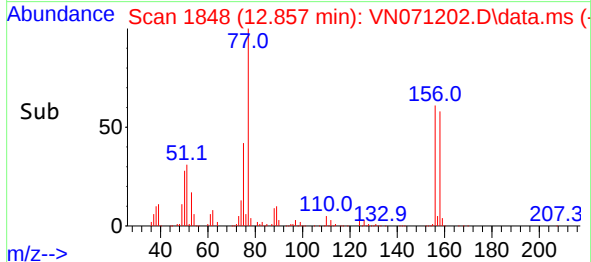
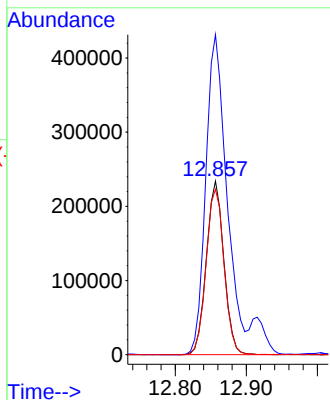
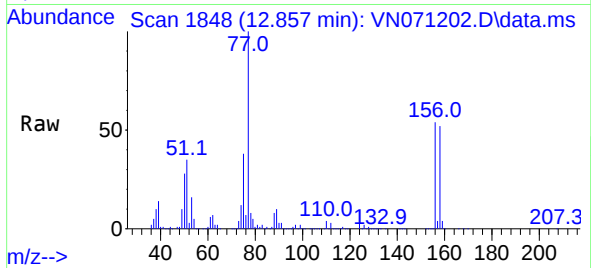
#77
Bromobenzene
Concen: 47.169 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 401492
Ion Ratio Lower Upper
156 100
77 218.3 90.6 271.8
158 97.5 48.9 146.7

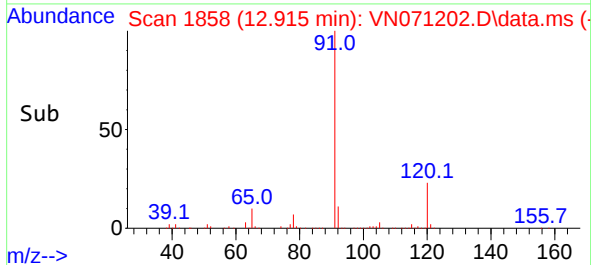
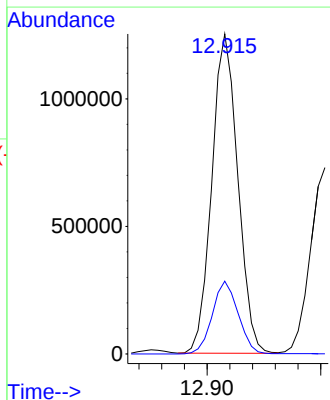
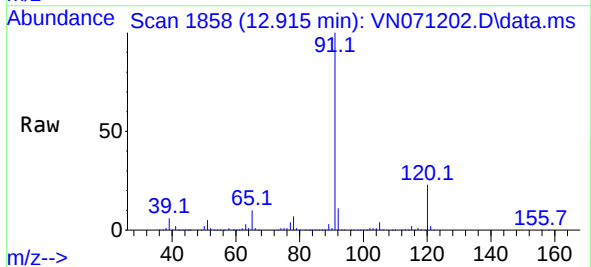
Manual Integrations
APPROVED

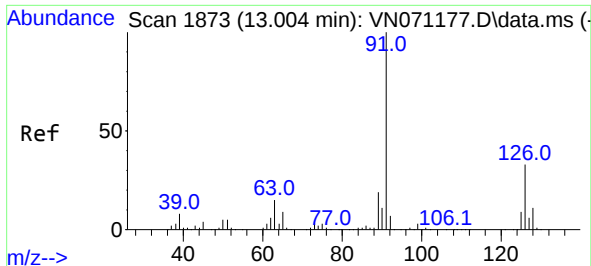
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#78
n-propylbenzene
Concen: 50.782 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion: 91 Resp: 1989135
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





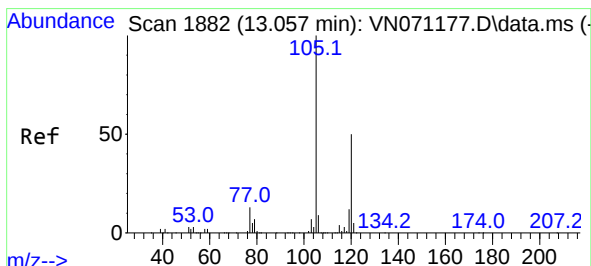
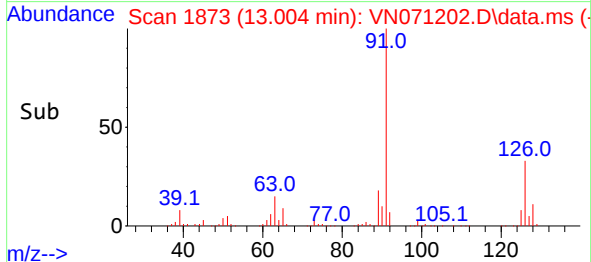
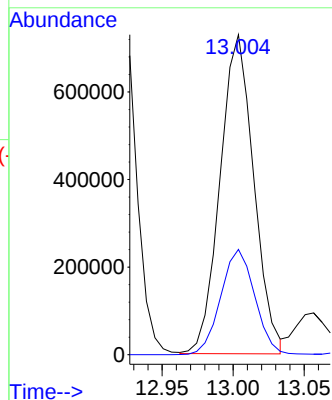
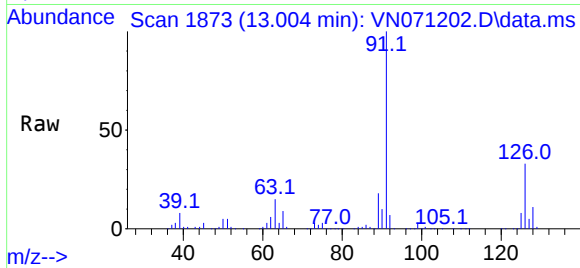
#79
2-Chlorotoluene
Concen: 47.840 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 120290
Ion Ratio Lower Upper
91 100
126 33.4 18.3 54.8

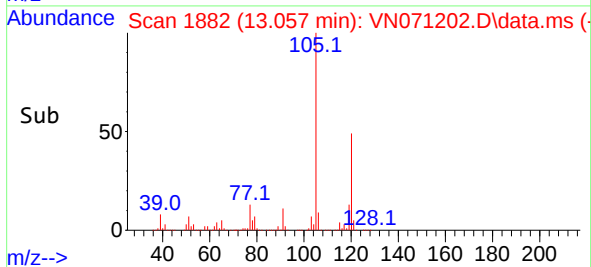
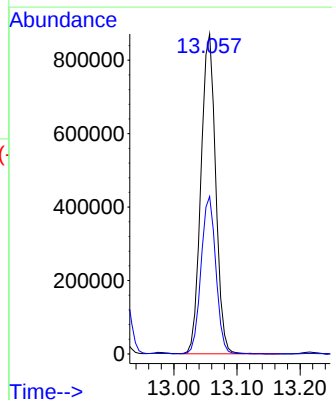
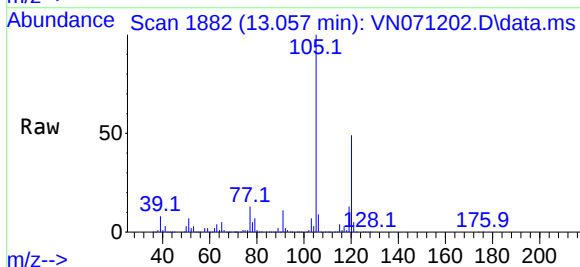
Manual Integrations
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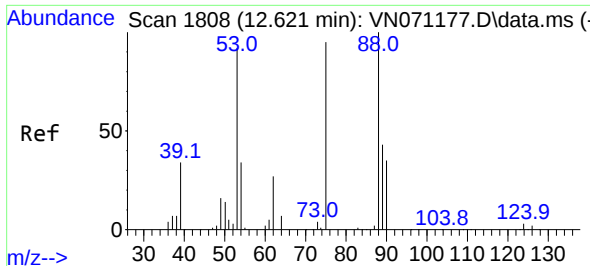
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.603 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

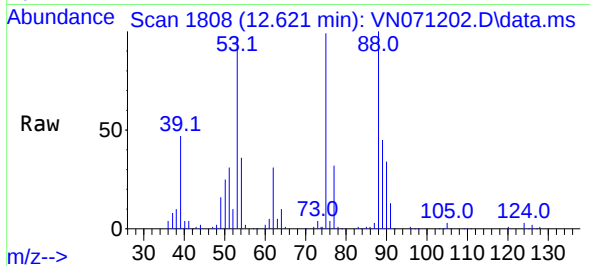
Tgt Ion:105 Resp: 1408670
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.286 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

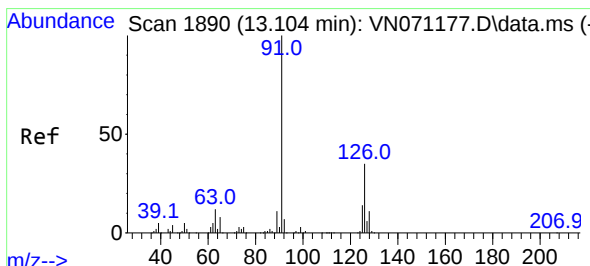
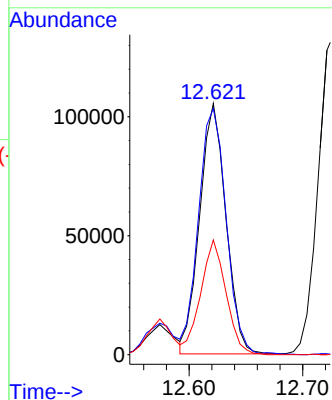
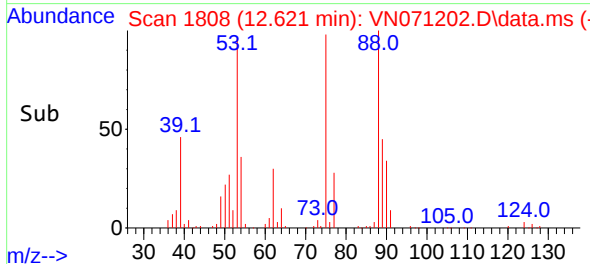
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



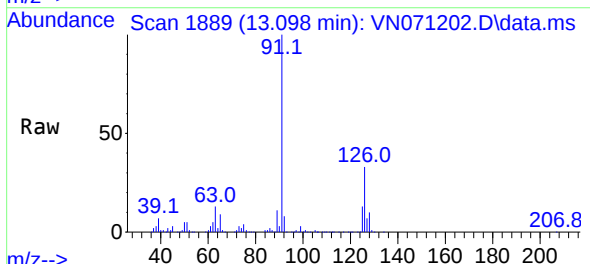
Tgt Ion: 75 Resp: 16914
Ion Ratio Lower Upper
75 100
53 104.0 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
APPROVED

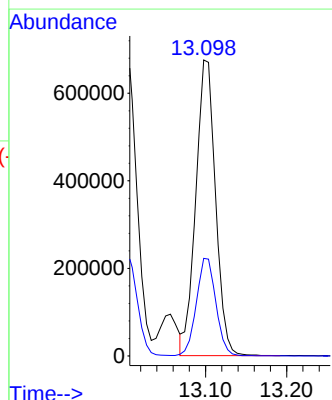
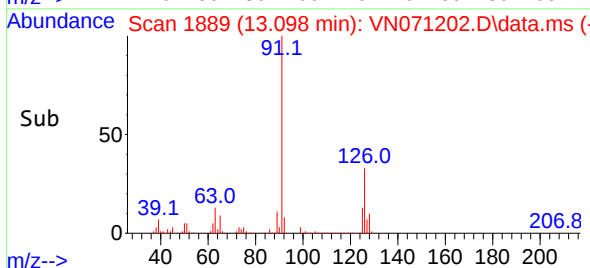
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

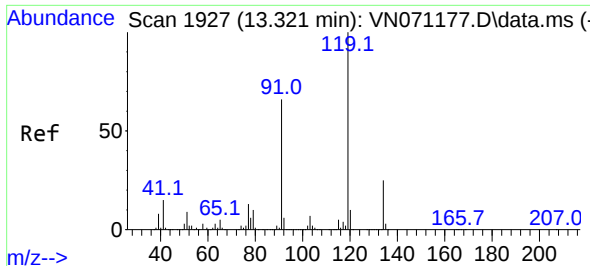


#82
4-Chlorotoluene
Concen: 50.935 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



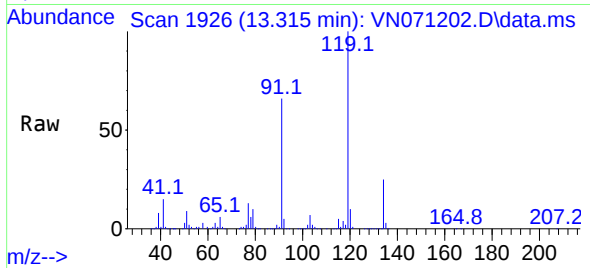
Tgt Ion: 91 Resp: 1140764
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.211 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

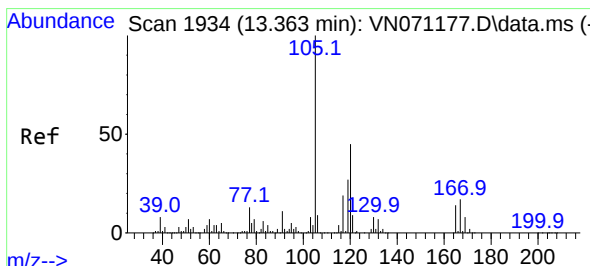
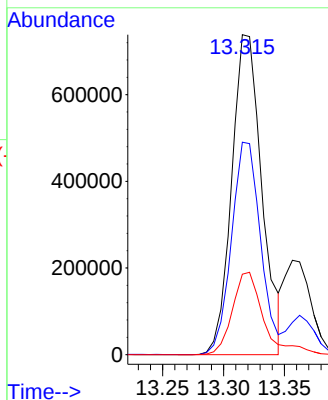
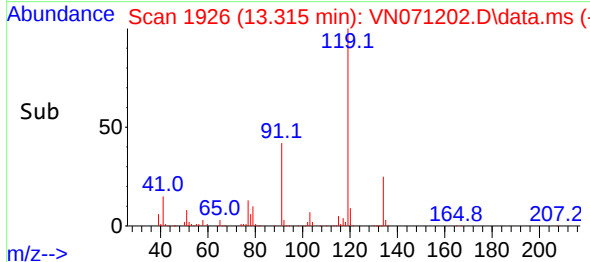
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



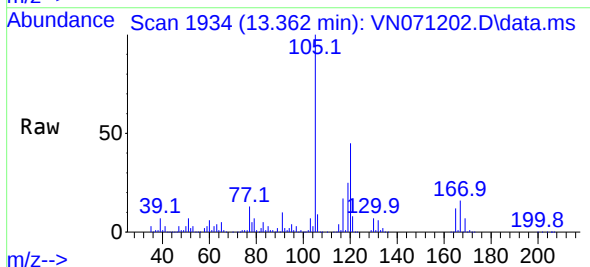
Tgt Ion:119 Resp: 127254
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
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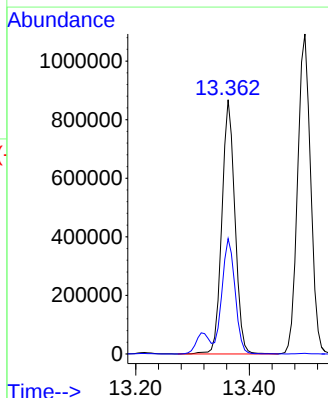
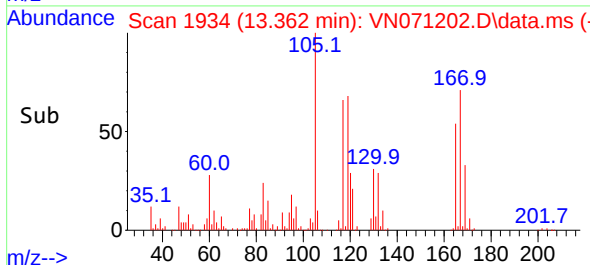
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

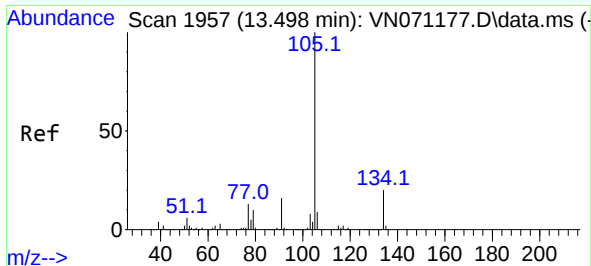


#84
1,2,4-Trimethylbenzene
Concen: 51.025 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:105 Resp: 1387961
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





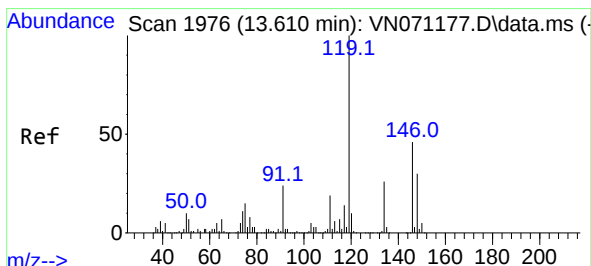
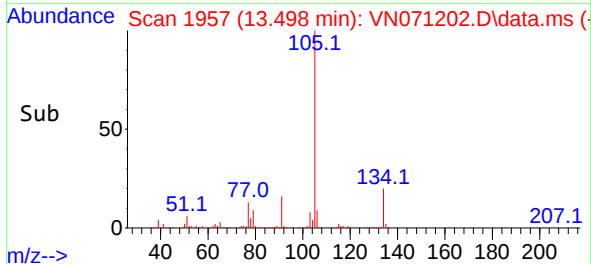
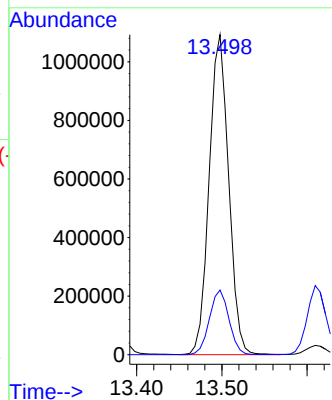
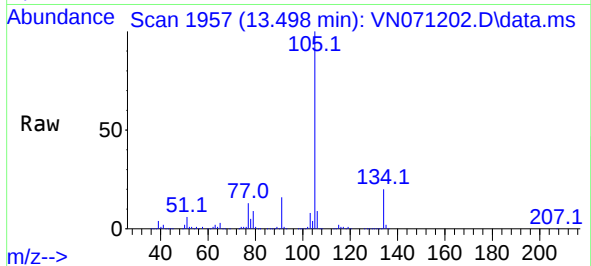
#85
 sec-Butylbenzene
 Concen: 51.416 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071202.D
 Acq: 09 Mar 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1732030
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

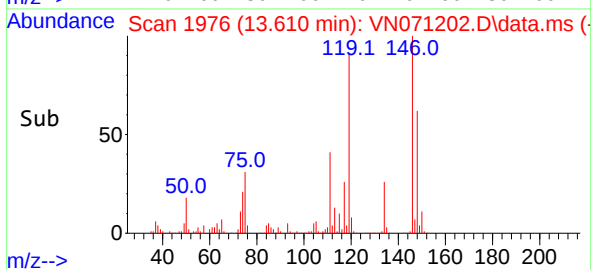
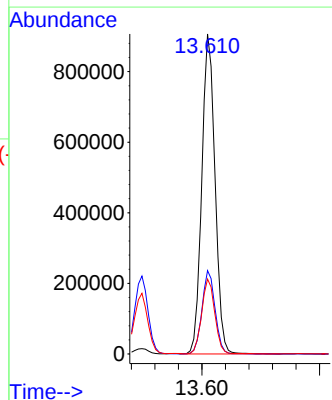
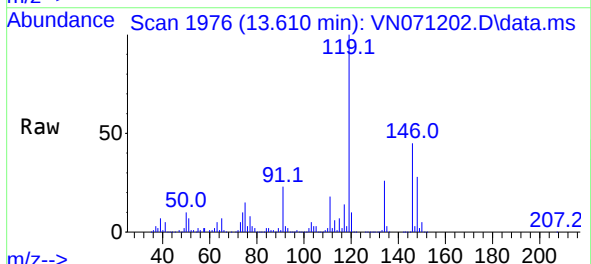
Manual Integrations
 APPROVED

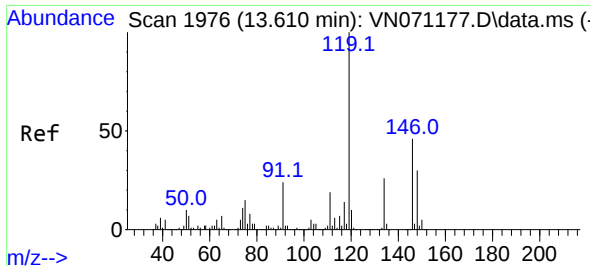
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#86
 p-Isopropyltoluene
 Concen: 53.634 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071202.D
 Acq: 09 Mar 2022 11:00

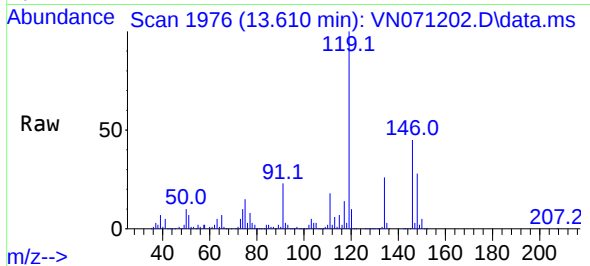
Tgt Ion:119 Resp: 1420890
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 23.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.275 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

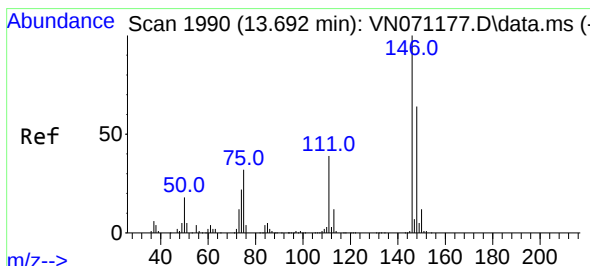
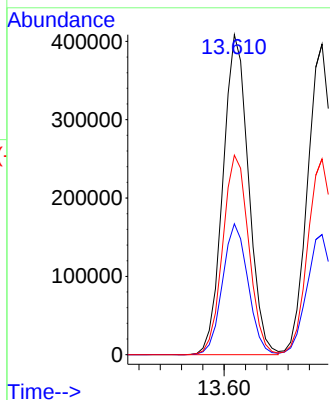
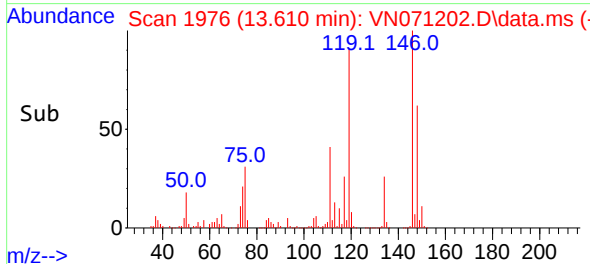
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



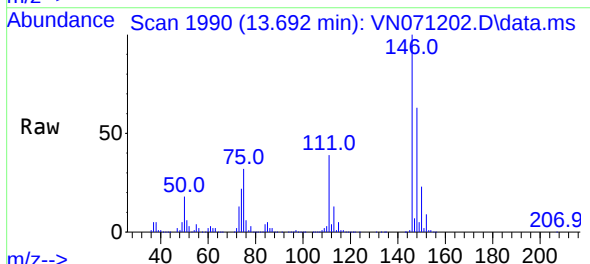
Tgt Ion:146 Resp: 68148
Ion Ratio Lower Upper
146 100
111 40.9 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

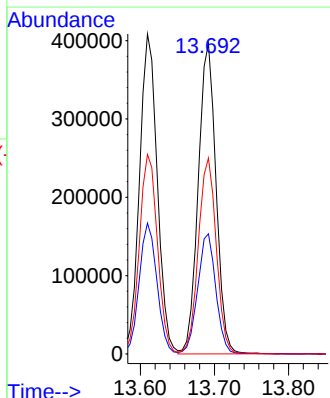
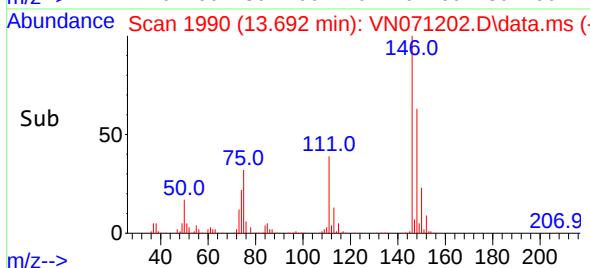
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

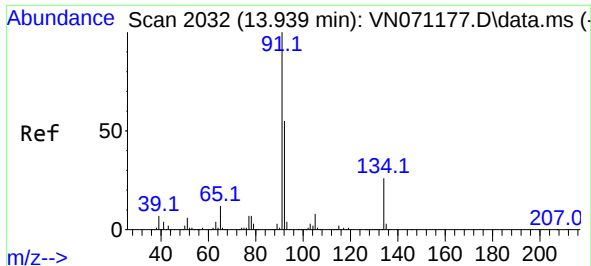


#88
1,4-Dichlorobenzene
Concen: 48.867 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:146 Resp: 660640
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 52.498 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

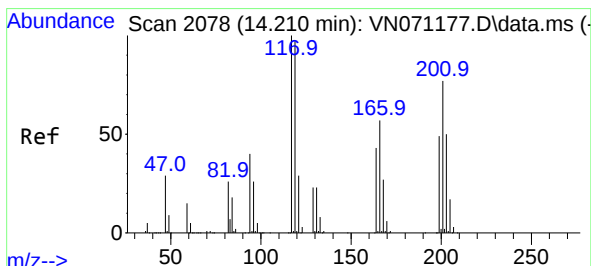
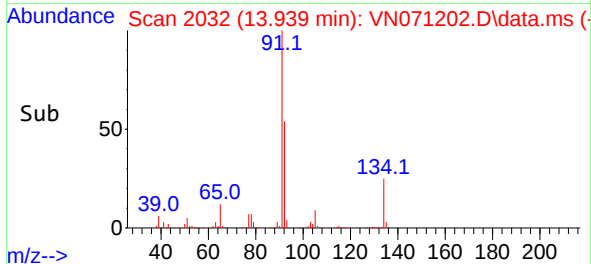
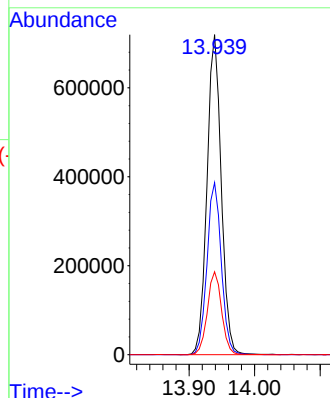
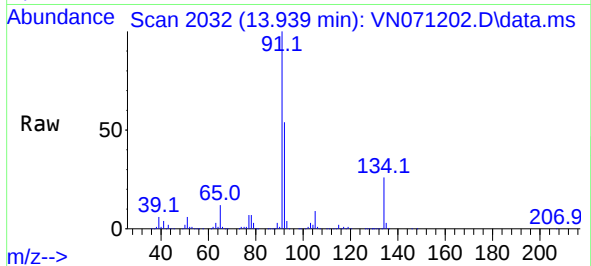
VSTDCCC050

Tgt Ion: 91 Resp: 1087789
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.0 13.6 40.8

Manual Integrations

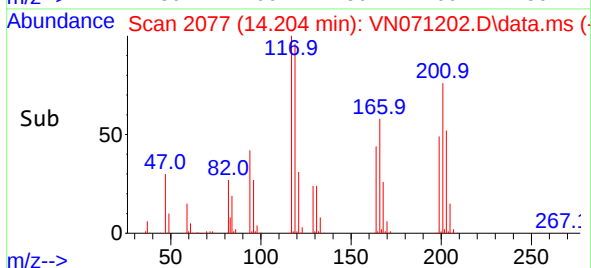
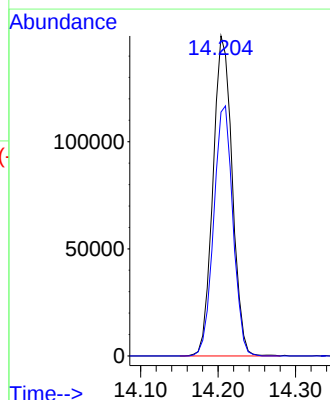
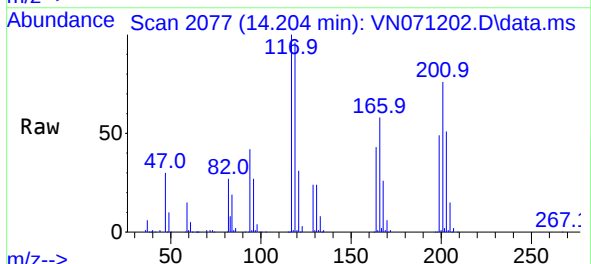
APPROVED

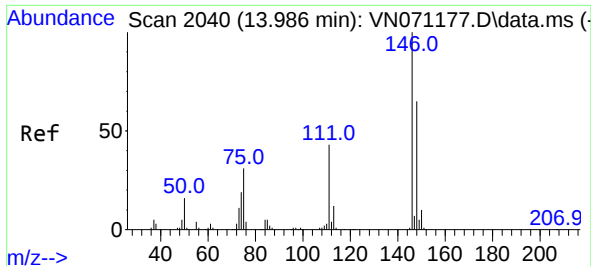
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#90
Hexachloroethane
Concen: 48.912 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion:117 Resp: 257684
Ion Ratio Lower Upper
117 100
201 78.0 43.9 131.6





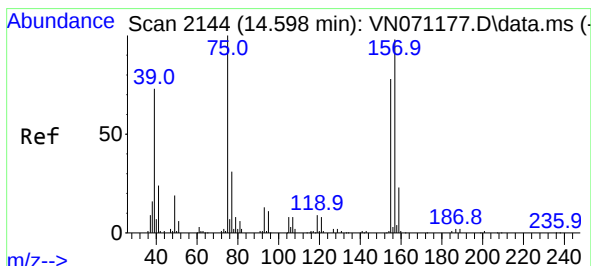
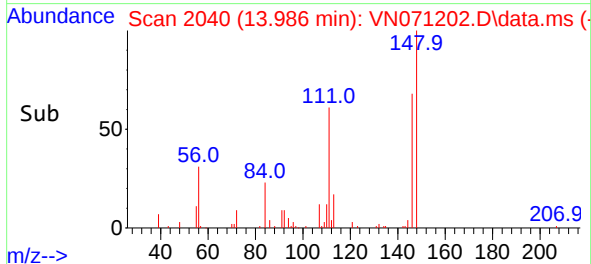
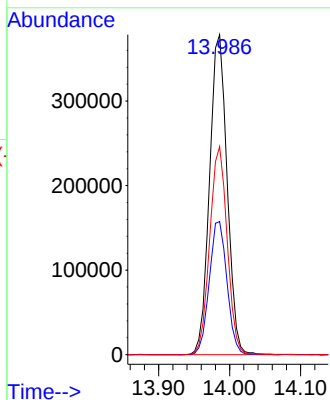
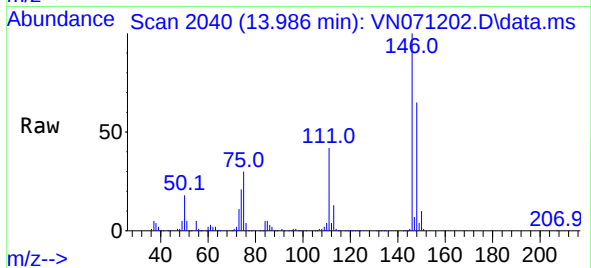
#91
1,2-Dichlorobenzene
Concen: 48.882 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 649950
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 64.8 32.1 96.3

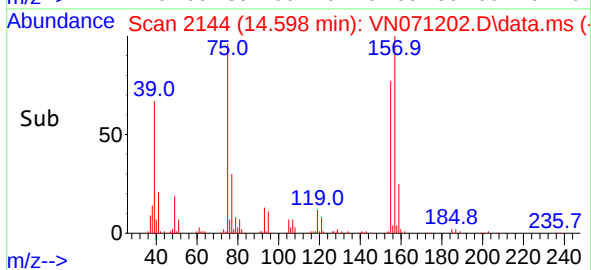
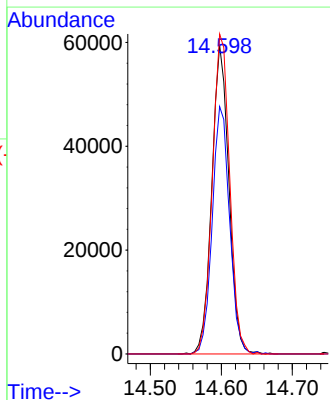
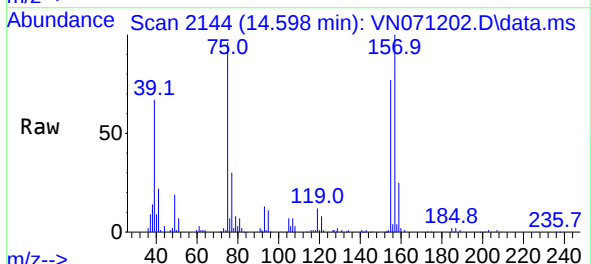
Manual Integrations
APPROVED

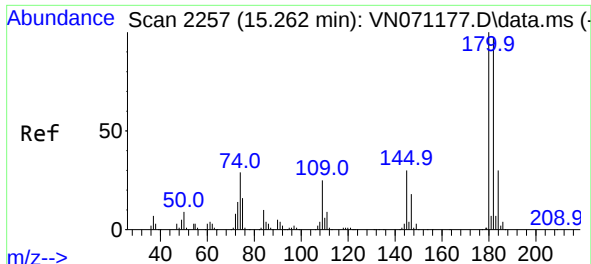
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.820 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

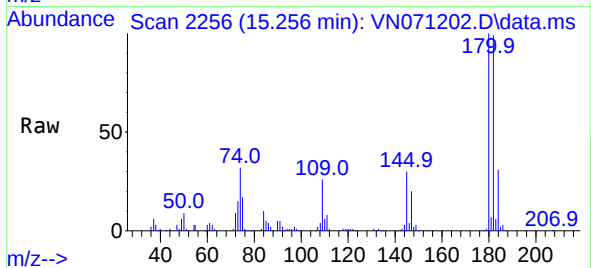
Tgt Ion: 75 Resp: 99439
Ion Ratio Lower Upper
75 100
155 81.3 46.9 140.7
157 105.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.526 ug/l
RT: 15.256 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

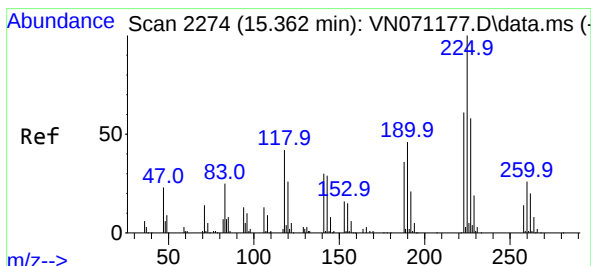
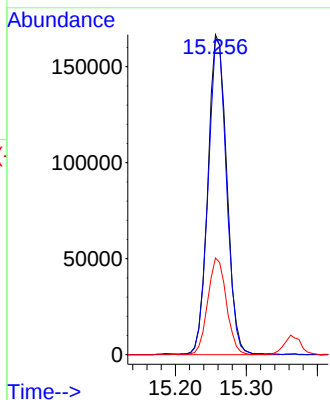
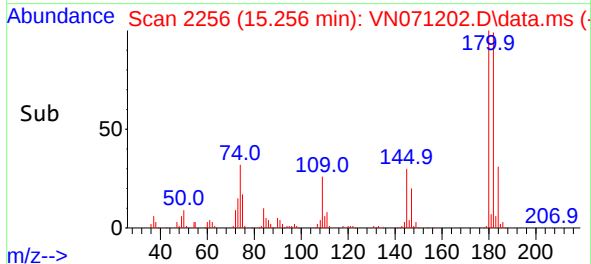
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



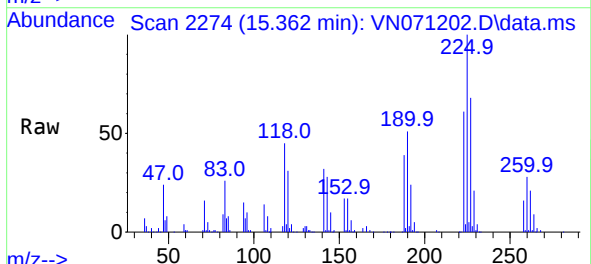
Tgt Ion:180 Resp: 307158
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 29.9 14.5 43.5

Manual Integrations
APPROVED

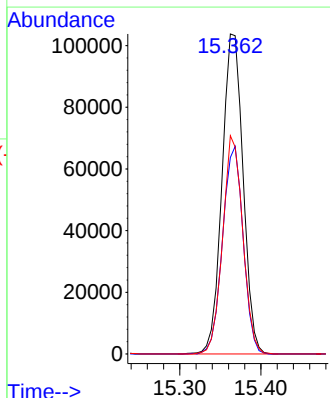
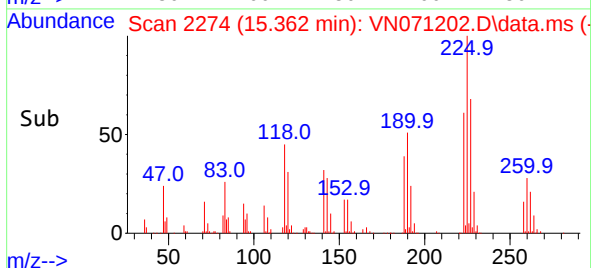
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

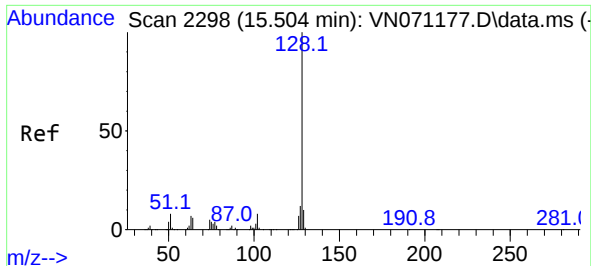


#94
Hexachlorobutadiene
Concen: 50.073 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00



Tgt Ion:225 Resp: 186910
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 65.2 32.1 96.3





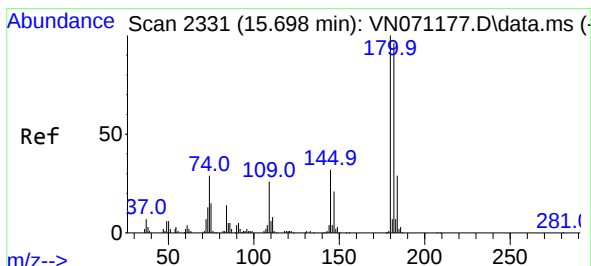
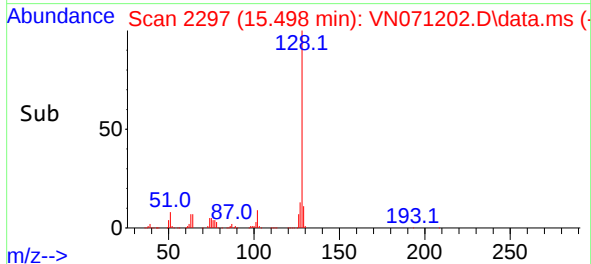
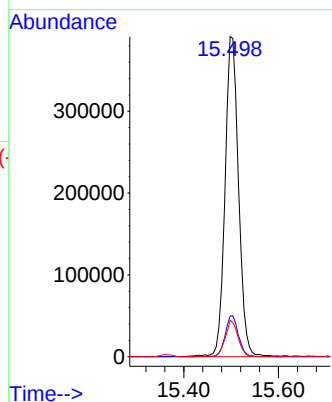
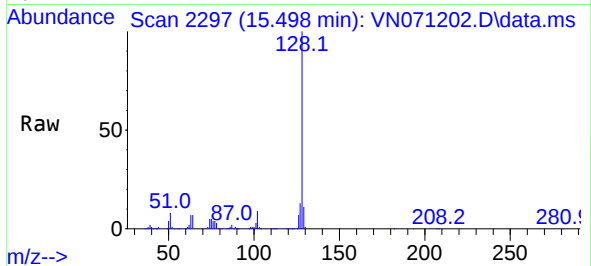
#95
Naphthalene
Concen: 45.267 ug/l
RT: 15.498 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 776511
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.679 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071202.D
Acq: 09 Mar 2022 11:00

Tgt Ion:180 Resp: 288936
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 32.4 15.0 45.1

