

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071310.D
 Acq On : 16 Mar 2022 10:24
 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 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 16 15:44:46 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	8.081	168	584801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	935091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	865269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	377657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	405279	50.566	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.140%			
35) Dibromofluoromethane	8.016	113	307793	52.162	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.320%			
50) Toluene-d8	10.439	98	1218405	51.284	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.727	95	428377	53.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	278051	43.383	ug/l	99
3) Chloromethane	2.299	50	391339	45.478	ug/l	99
4) Vinyl Chloride	2.440	62	355771	45.294	ug/l	97
5) Bromomethane	2.828	94	187426	53.904	ug/l	99
6) Chloroethane	2.999	64	220383	46.331	ug/l	98
7) Trichlorofluoromethane	3.369	101	479471	46.378	ug/l	99
8) Diethyl Ether	3.822	74	207163	46.827	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	285415	47.690	ug/l	95
10) Methyl Iodide	4.416	142	370435	43.823	ug/l	99
11) Tert butyl alcohol	5.357	59	359665	228.431	ug/l	99
12) 1,1-Dichloroethene	4.175	96	270370	46.116	ug/l	95
13) Acrolein	4.040	56	323037	193.838	ug/l	98
14) Allyl chloride	4.840	41	588420	46.145	ug/l	87
15) Acrylonitrile	5.545	53	1115508	238.602	ug/l	98
16) Acetone	4.275	43	1152246	295.463	ug/l	97
17) Carbon Disulfide	4.528	76	693287	41.536	ug/l	97
18) Methyl Acetate	4.851	43	525313	50.155	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1066896	48.468	ug/l	95
20) Methylene Chloride	5.093	84	339201	47.609	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	292278	45.577	ug/l	90
22) Diisopropyl ether	6.492	45	1229898	48.958	ug/l	93
23) Vinyl Acetate	6.428	43	5328309	250.537	ug/l	97
24) 1,1-Dichloroethane	6.387	63	637744	48.042	ug/l	100
25) 2-Butanone	7.328	43	1646681	262.122	ug/l	96
26) 2,2-Dichloropropane	7.322	77	514513	50.240	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	360057	47.307	ug/l	90
28) Bromochloromethane	7.651	49	296639	50.181	ug/l	82
29) Tetrahydrofuran	7.681	42	1037401	238.367	ug/l	91
30) Chloroform	7.816	83	607516	47.983	ug/l	98
31) Cyclohexane	8.092	56	580522	45.356	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	519248	48.147	ug/l	97
36) 1,1-Dichloropropene	8.216	75	448582	47.447	ug/l	96
37) Ethyl Acetate	7.404	43	606573	46.619	ug/l	98
38) Carbon Tetrachloride	8.198	117	443816	48.533	ug/l	99
39) Methylcyclohexane	9.457	83	549672	49.422	ug/l	93
40) Benzene	8.457	78	1389832	48.792	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	304573	47.832	ug/l	91
42) 1,2-Dichloroethane	8.528	62	507018	51.150	ug/l	99
43) Isopropyl Acetate	8.557	43	973332	50.024	ug/l	96
44) Trichloroethene	9.210	130	332224	49.431	ug/l	97
45) 1,2-Dichloropropane	9.486	63	372137	48.667	ug/l	98
46) Dibromomethane	9.575	93	234242	49.771	ug/l	97
47) Bromodichloromethane	9.757	83	483480	50.833	ug/l	99
48) Methyl methacrylate	9.557	41	454533	50.409	ug/l #	83
49) 1,4-Dioxane	9.563	88	151717	967.991	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	3080331	255.092	ug/l	99
52) Toluene	10.498	92	866975	49.427	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	534784	51.007	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	581809	50.787	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	345606	49.171	ug/l	98
56) Ethyl methacrylate	10.757	69	584942	50.961	ug/l	92
57) 1,3-Dichloropropane	11.039	76	622975	49.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	849124	340.728	ug/l	94
59) 2-Hexanone	11.080	43	2277198	276.387	ug/l	100
60) Dibromochloromethane	11.233	129	365447	52.329	ug/l	100
61) 1,2-Dibromoethane	11.339	107	351343	48.909	ug/l	99
64) Tetrachloroethene	10.974	164	289381	47.953	ug/l	96
65) Chlorobenzene	11.763	112	910027	48.973	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	344221	50.520	ug/l	98
67) Ethyl Benzene	11.839	91	1680503	51.148	ug/l	97
68) m/p-Xylenes	11.951	106	1275549	106.124	ug/l	98
69) o-Xylene	12.274	106	625582	51.923	ug/l	97
70) Styrene	12.292	104	1030451	55.252	ug/l	97
71) Bromoform	12.451	173	279008	53.921	ug/l #	99
73) Isopropylbenzene	12.574	105	1630591	44.790	ug/l	99
74) N-amyl acetate	12.386	43	670768	49.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	545900	50.485	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	506904m	55.702	ug/l	
77) Bromobenzene	12.857	156	380569	44.830	ug/l	81
78) n-propylbenzene	12.916	91	1864661	47.731	ug/l	97
79) 2-Chlorotoluene	13.004	91	1134913	45.257	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1340164	47.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	178327	51.044	ug/l	92
82) 4-Chlorotoluene	13.098	91	1095415	49.040	ug/l	94
83) tert-Butylbenzene	13.316	119	1184188	46.849	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1323747	48.794	ug/l	100
85) sec-Butylbenzene	13.498	105	1639528	48.800	ug/l	99
86) p-Isopropyltoluene	13.610	119	1348874	51.051	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	655074	47.491	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	630625	46.771	ug/l	97
89) n-Butylbenzene	13.939	91	1049191	50.770	ug/l	96
90) Hexachloroethane	14.210	117	241076	45.881	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	632326	47.682	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	100766	47.571	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	289294	46.937	ug/l	99
94) Hexachlorobutadiene	15.362	225	178163	47.857	ug/l	98
95) Naphthalene	15.504	128	833012	48.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	291144	49.153	ug/l	99

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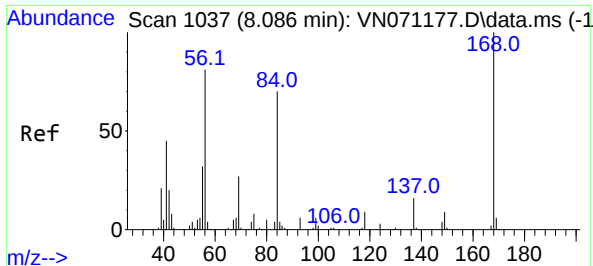
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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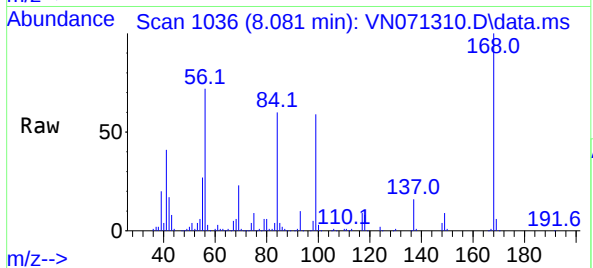
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071310.D
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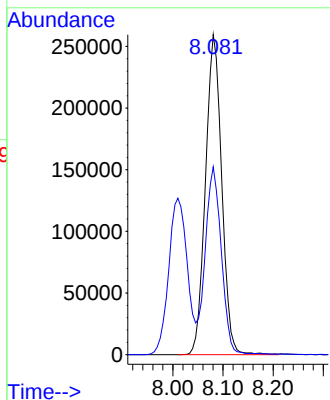
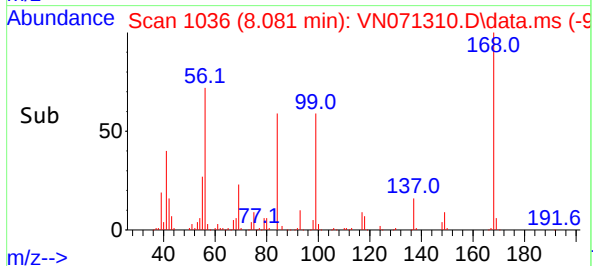
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



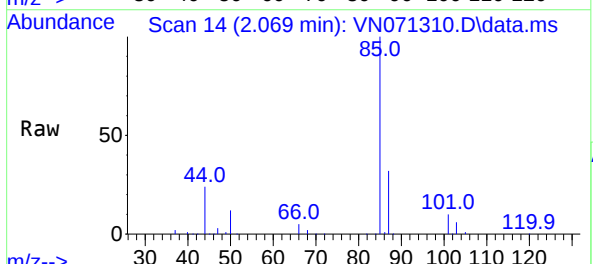
Tgt Ion:168 Resp: 58480
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9

Manual Integrations
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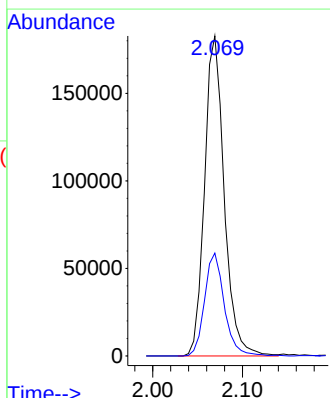
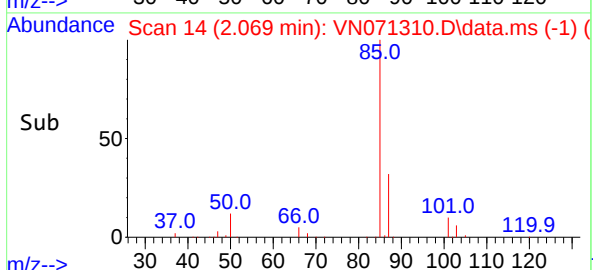
Reviewed By :John Carlone 03/17/2022
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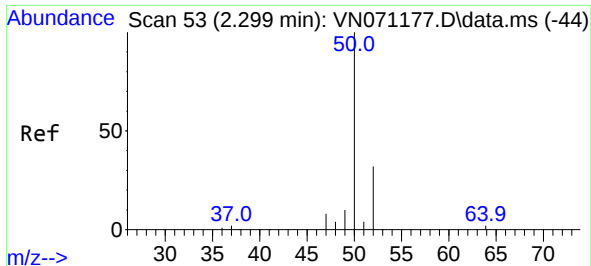


#2
Dichlorodifluoromethane
Concen: 43.383 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



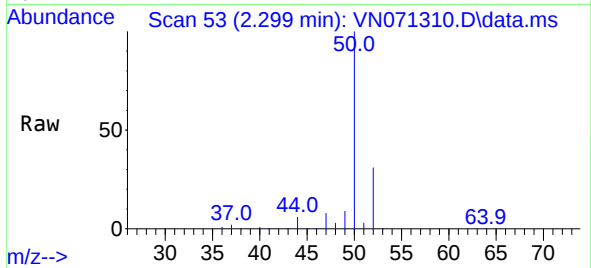
Tgt Ion: 85 Resp: 278051
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 45.478 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

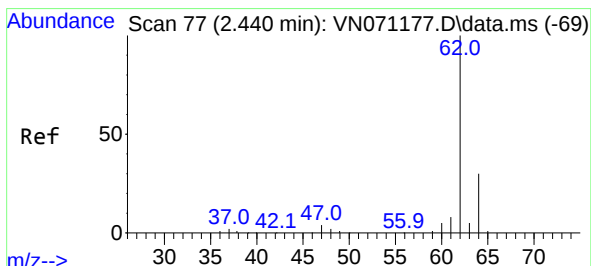
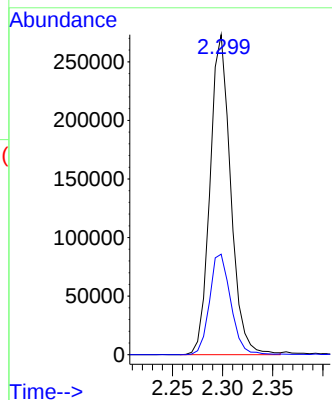
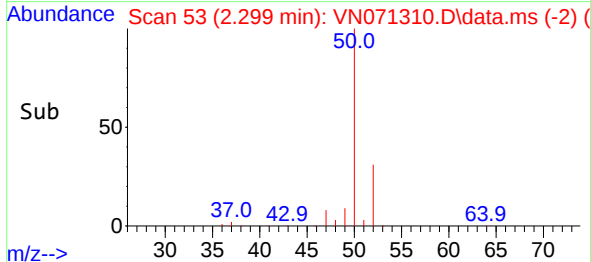
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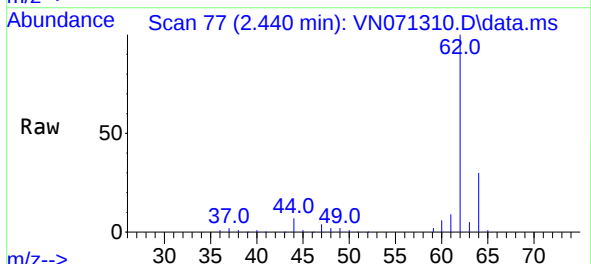
Tgt Ion: 50 Resp: 391339
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

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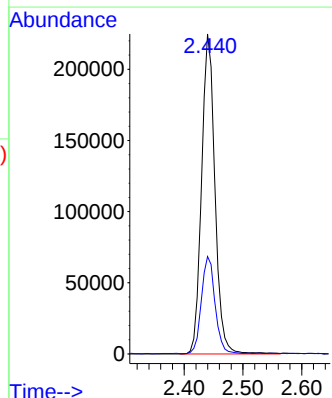
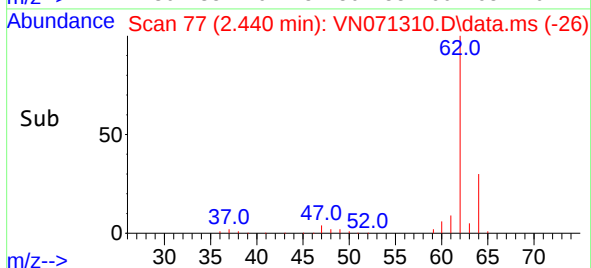
Reviewed By :John Carlone 03/17/2022
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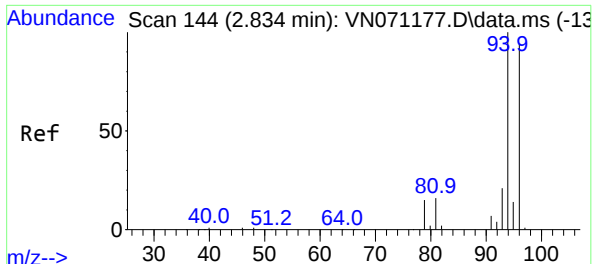


#4
Vinyl Chloride
Concen: 45.294 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



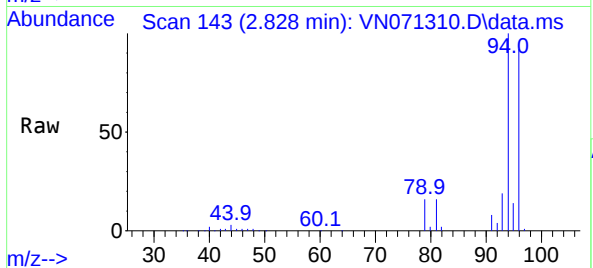
Tgt Ion: 62 Resp: 355771
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.6





#5
Bromomethane
Concen: 53.904 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

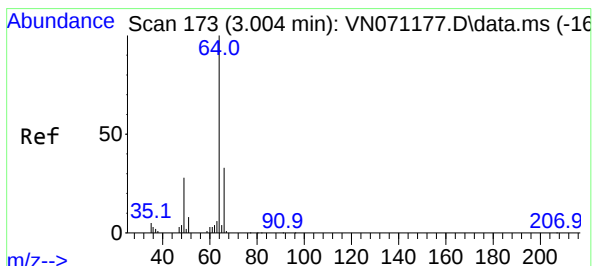
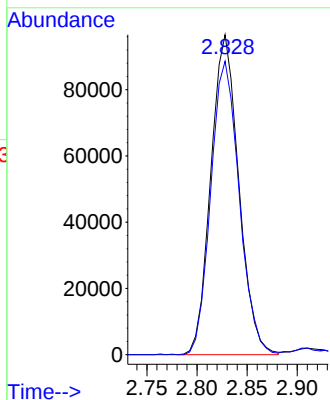
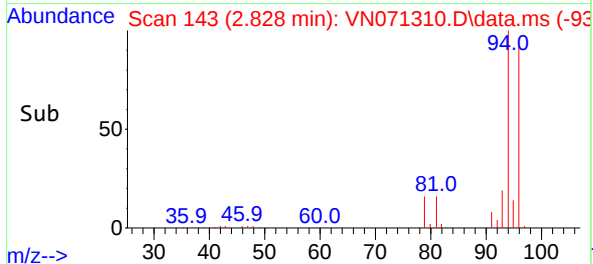
Instrument :
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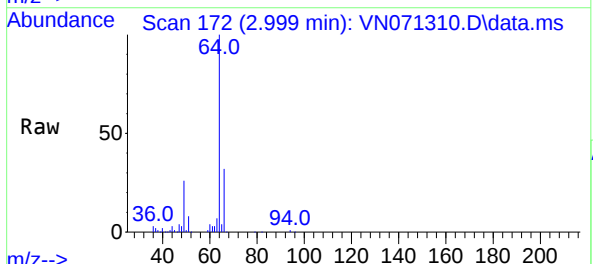
Tgt Ion: 94 Resp: 187420
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

Manual Integrations
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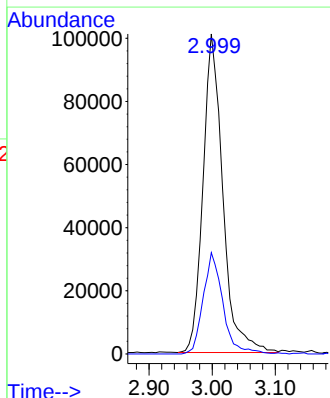
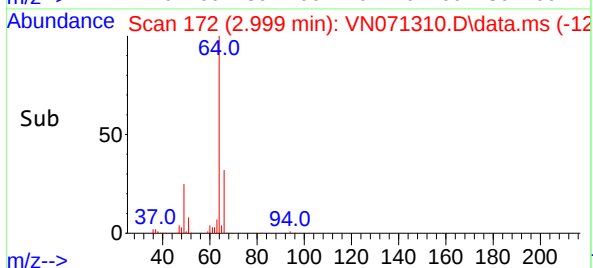
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#6
Chloroethane
Concen: 46.331 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 64 Resp: 220383
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.378 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

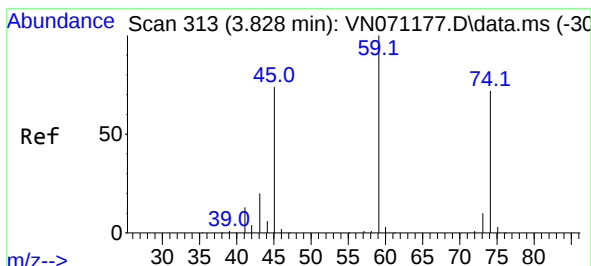
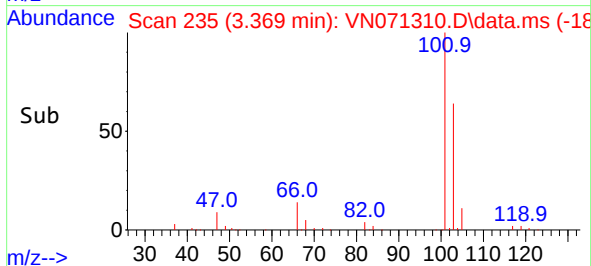
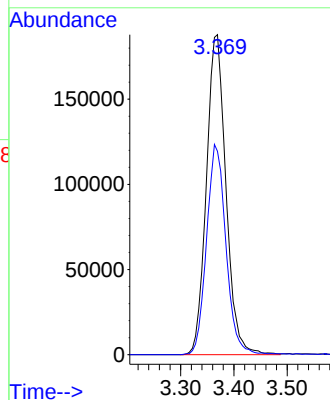
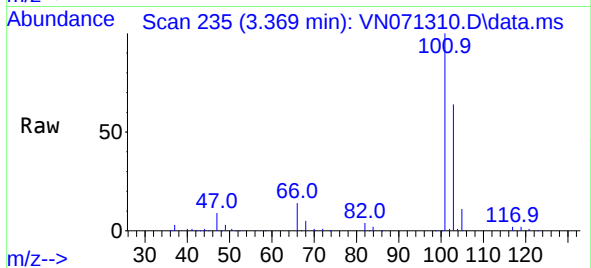
VSTDCCC050

Tgt Ion:101 Resp: 47947
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

Manual Integrations

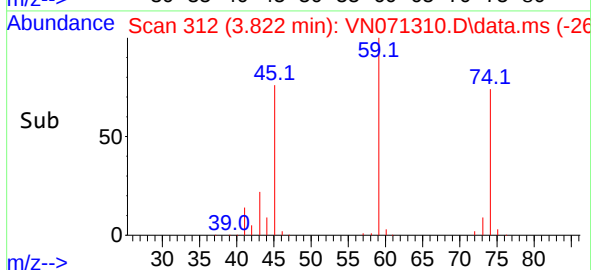
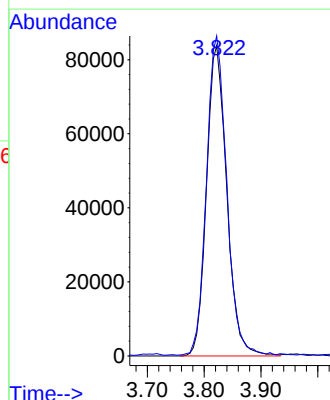
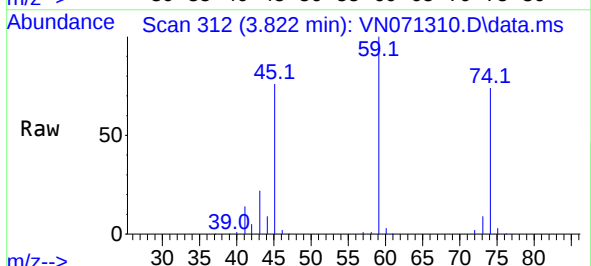
APPROVED

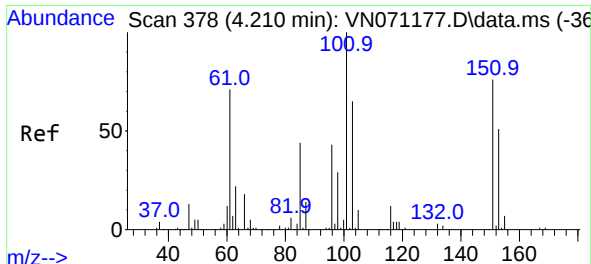
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#8
Diethyl Ether
Concen: 46.827 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

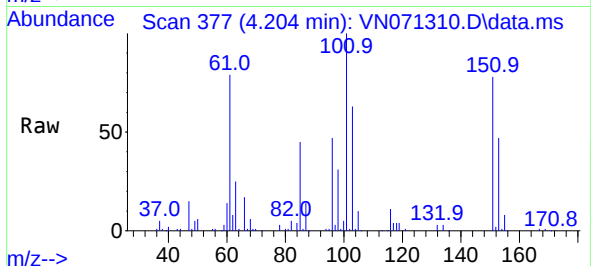
Tgt Ion: 74 Resp: 207163
Ion Ratio Lower Upper
74 100
45 102.9 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.690 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071310.D
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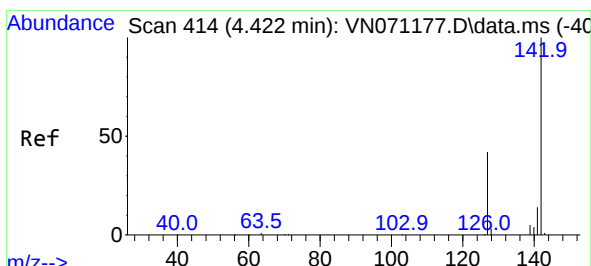
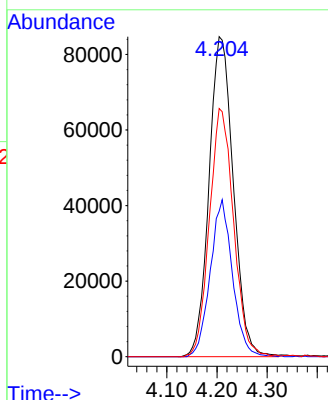
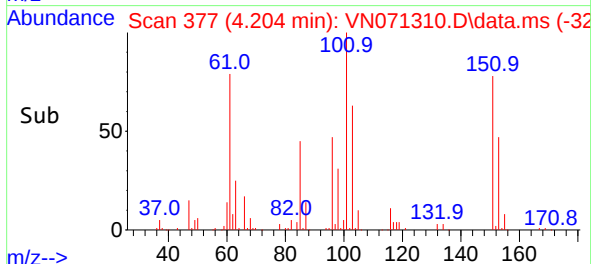
Instrument :
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ClientSampleId :
VSTDCCC050



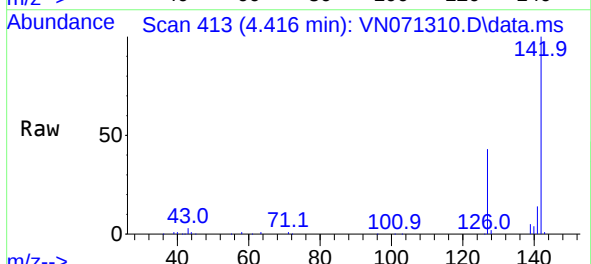
Tgt Ion:101 Resp: 28541
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 77.2 65.9 98.9

Manual Integrations
APPROVED

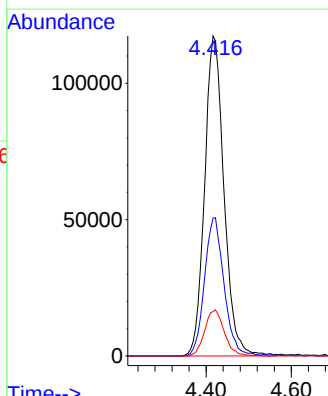
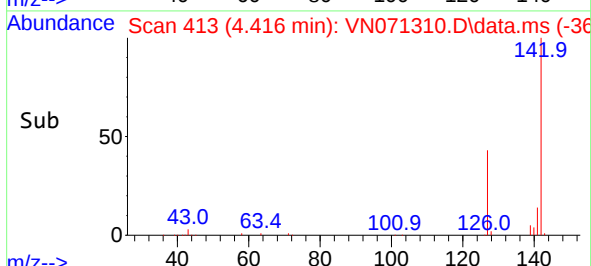
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

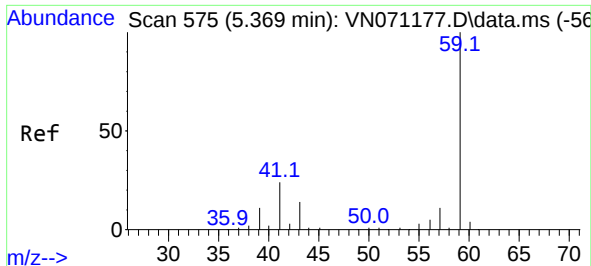


#10
Methyl Iodide
Concen: 43.823 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion:142 Resp: 370435
Ion Ratio Lower Upper
142 100
127 43.6 35.4 53.0
141 14.6 11.6 17.4





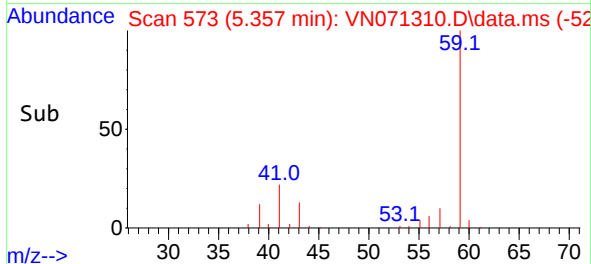
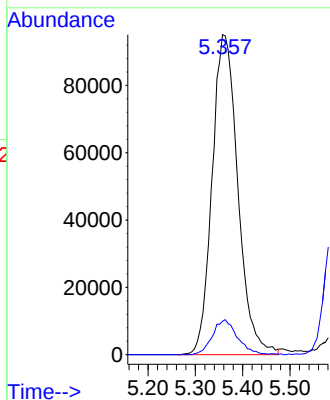
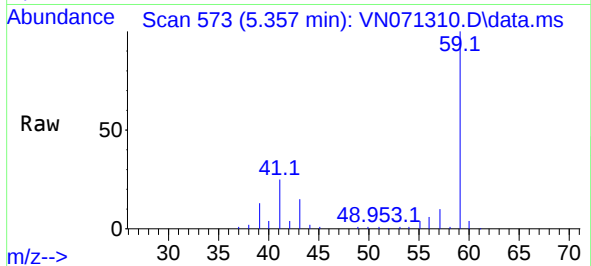
#11
Tert butyl alcohol
Concen: 228.431 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 35966
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

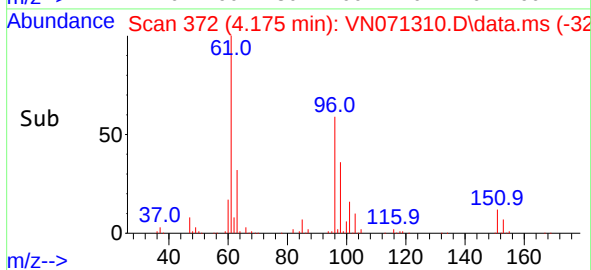
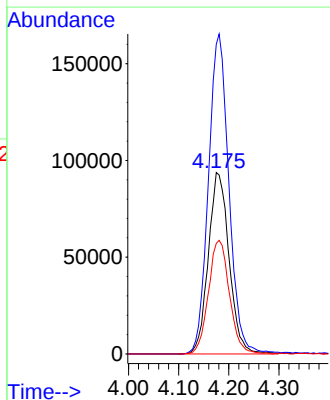
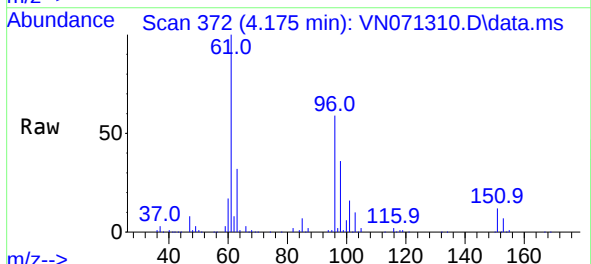
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#12
1,1-Dichloroethene
Concen: 46.116 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 96 Resp: 270370
Ion Ratio Lower Upper
96 100
61 170.7 131.0 196.6
98 60.9 52.4 78.6





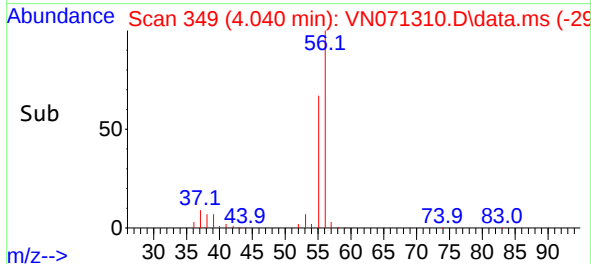
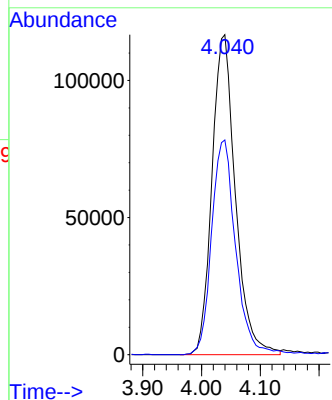
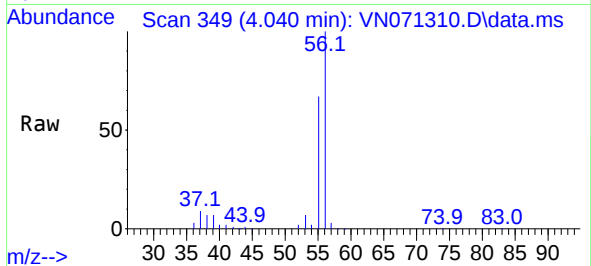
#13
Acrolein
Concen: 193.838 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 32303
Ion Ratio Lower Upper
56 100
55 69.1 56.6 85.0

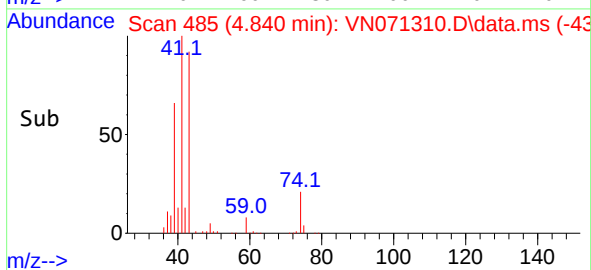
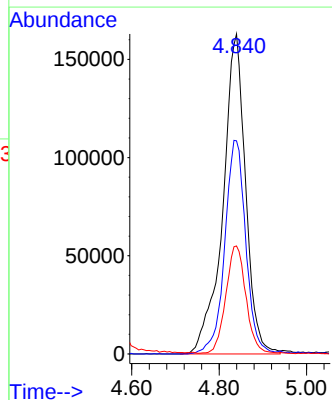
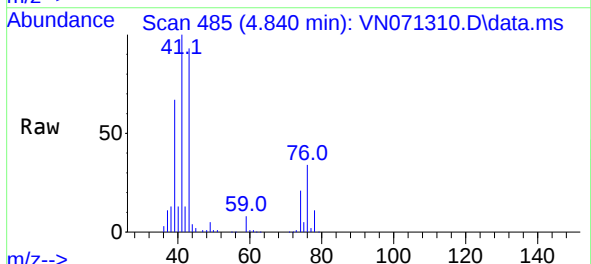
Manual Integrations
APPROVED

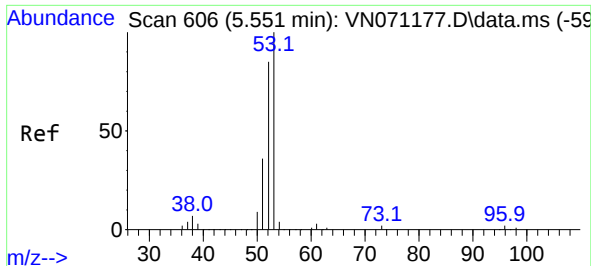
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#14
Allyl chloride
Concen: 46.145 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

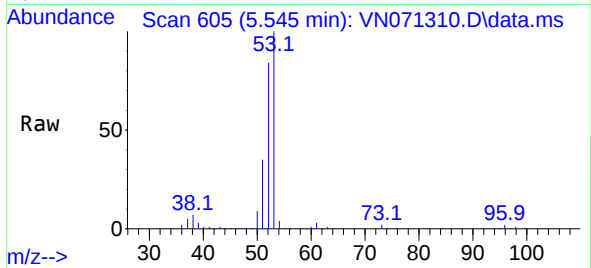
Tgt Ion: 41 Resp: 588420
Ion Ratio Lower Upper
41 100
39 61.7 61.2 91.8
76 29.8 26.0 39.0





#15
Acrylonitrile
Concen: 238.602 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

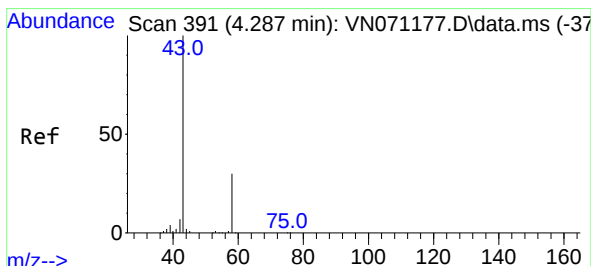
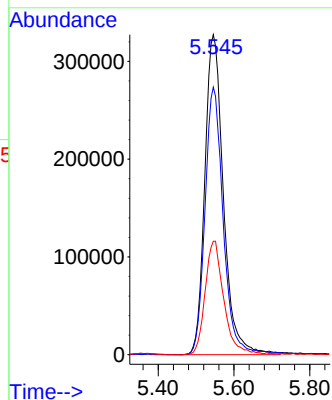
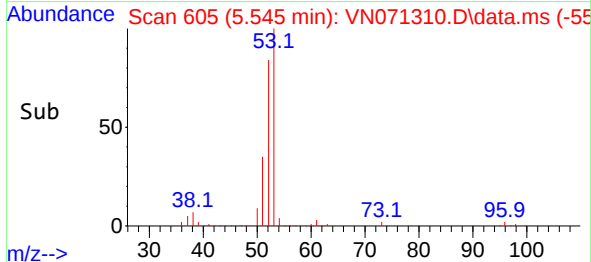
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



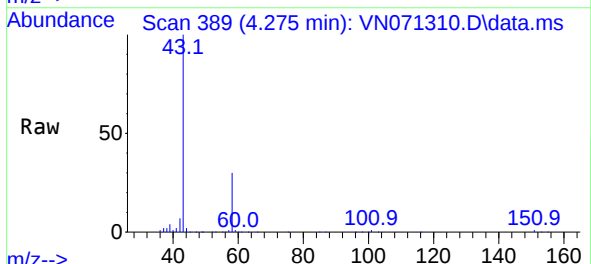
Tgt Ion: 53 Resp: 1115508
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.2
51 35.5 29.6 44.4

Manual Integrations
APPROVED

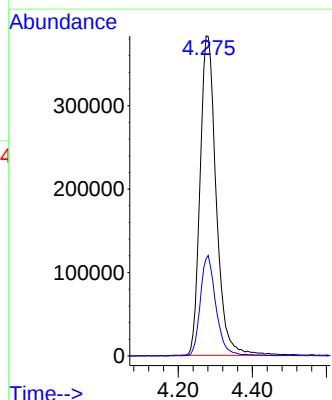
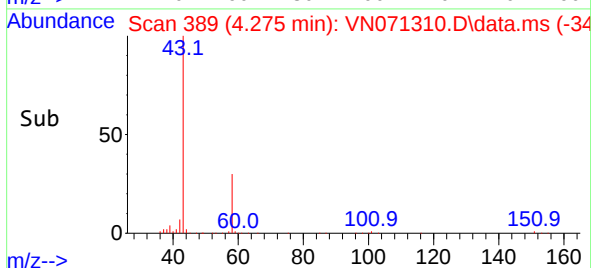
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

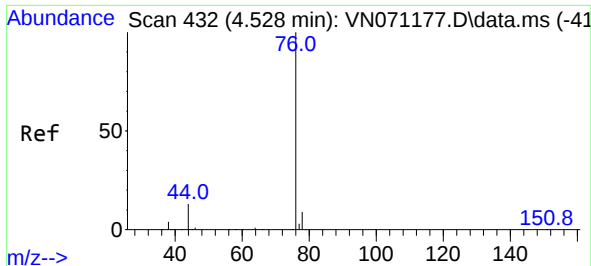


#16
Acetone
Concen: 295.463 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



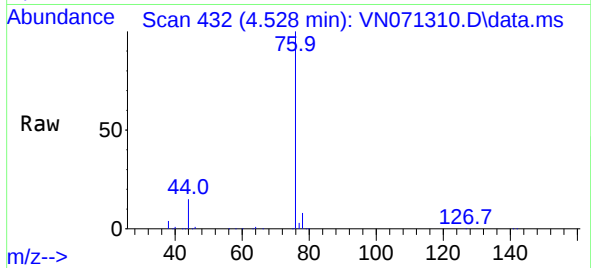
Tgt Ion: 43 Resp: 1152246
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7





#17
Carbon Disulfide
Concen: 41.536 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

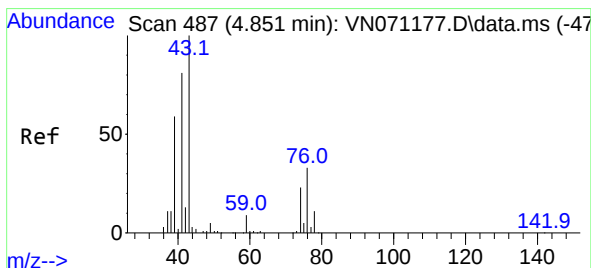
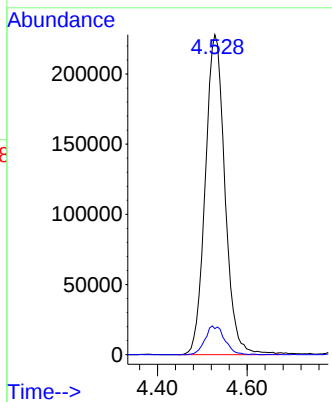
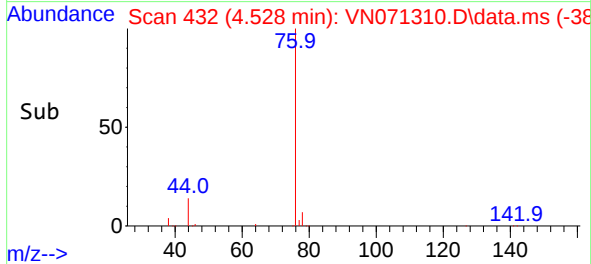
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



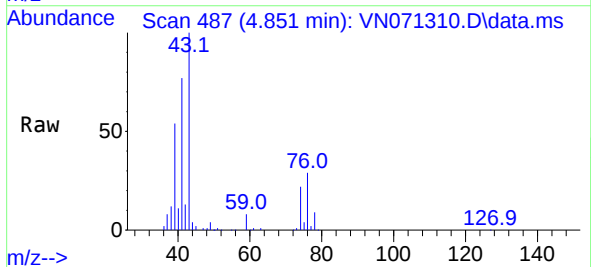
Tgt Ion: 76 Resp: 69328
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

Manual Integrations
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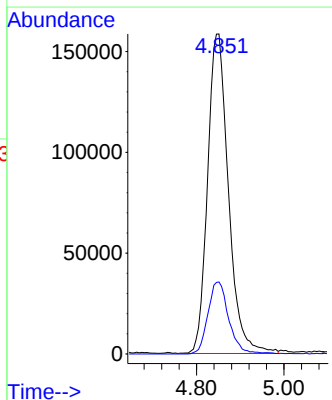
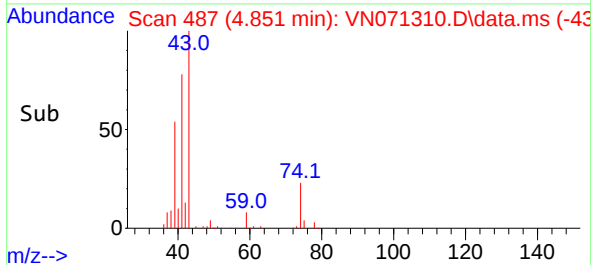
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

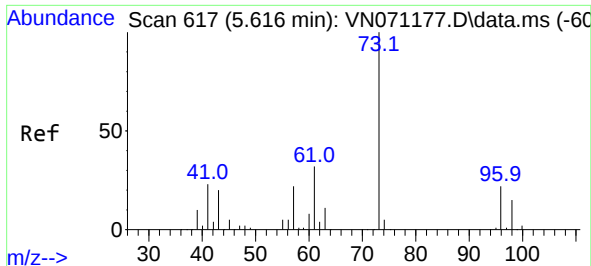


#18
Methyl Acetate
Concen: 50.155 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 43 Resp: 525313
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 48.468 ug/l

RT: 5.610 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1066890

Ion Ratio Lower Upper

73 100

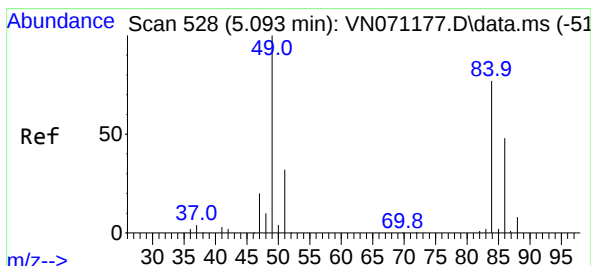
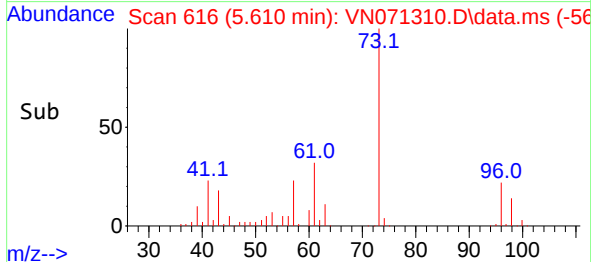
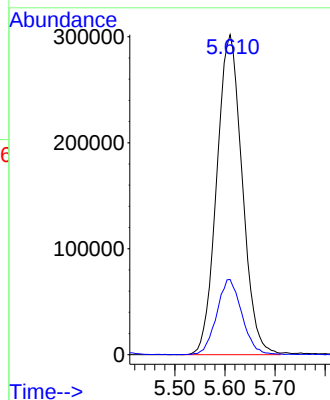
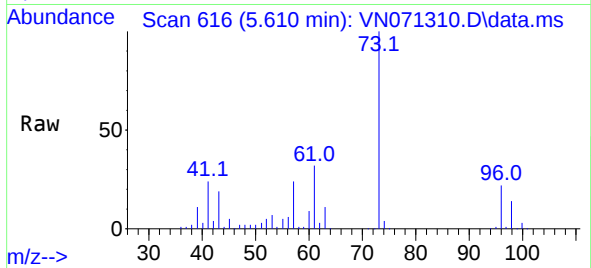
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#20

Methylene Chloride

Concen: 47.609 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Tgt Ion: 84 Resp: 339201

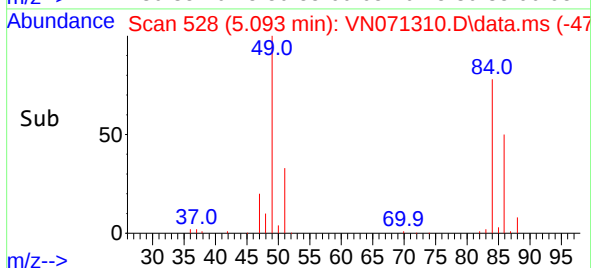
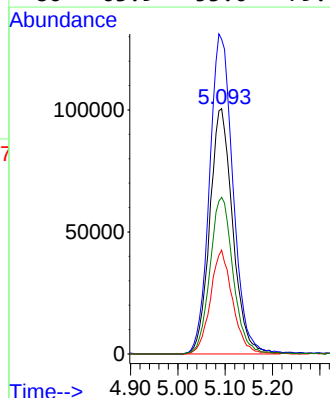
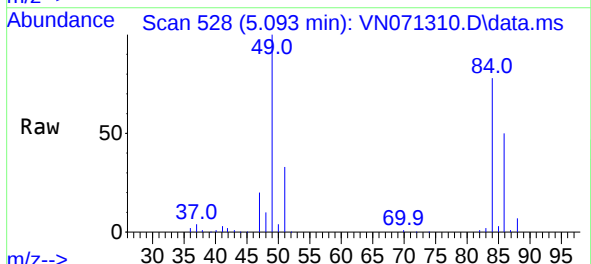
Ion Ratio Lower Upper

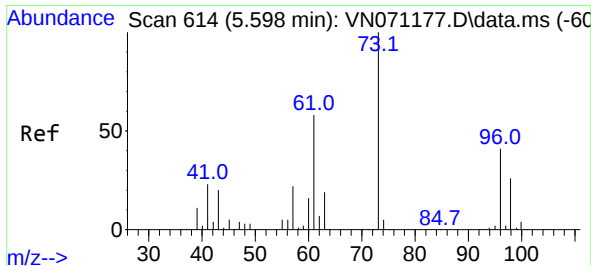
84 100

49 128.3 93.5 140.3

51 42.3 29.4 44.2

86 63.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 45.577 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 292278

Ion Ratio Lower Upper

96 100

61 150.1 105.8 158.6

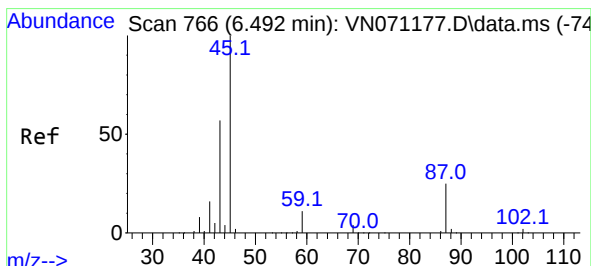
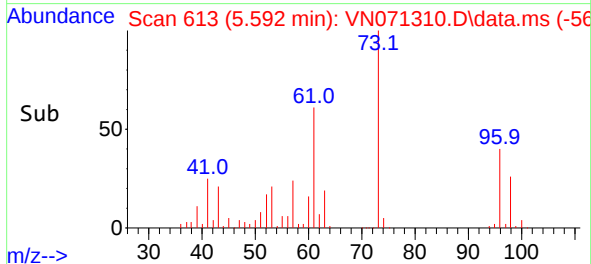
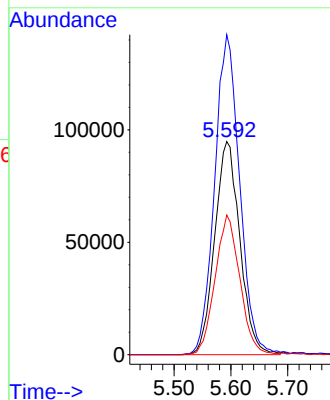
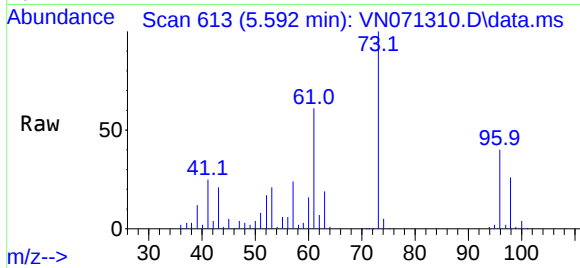
98 65.6 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#22

Diisopropyl ether

Concen: 48.958 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Tgt Ion: 45 Resp: 1229898

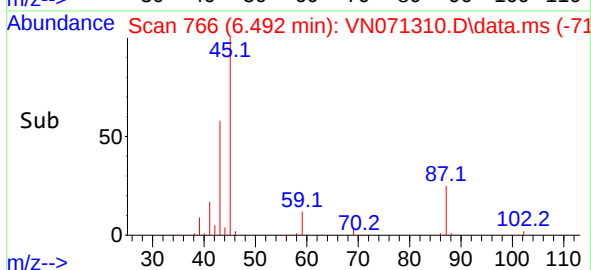
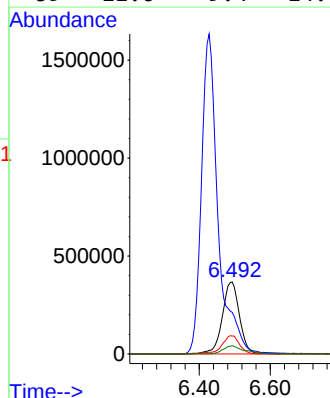
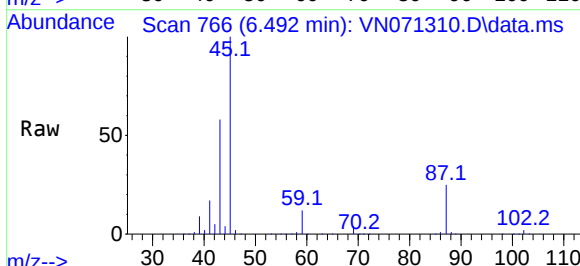
Ion Ratio Lower Upper

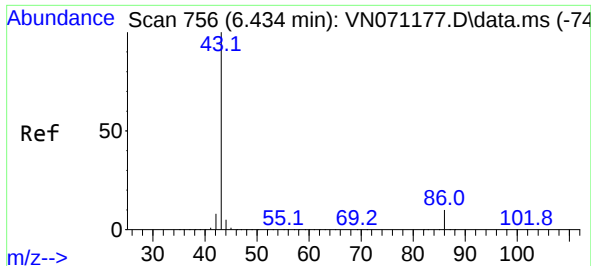
45 100

43 57.9 51.7 77.5

87 24.9 23.2 34.8

59 11.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 250.537 ug/l
 RT: 6.428 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

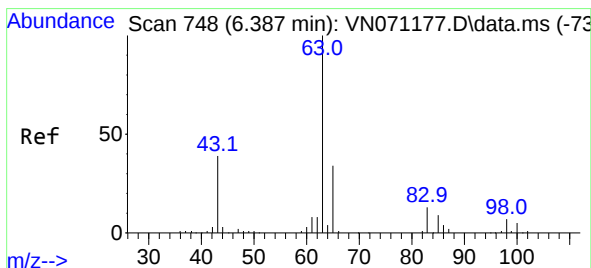
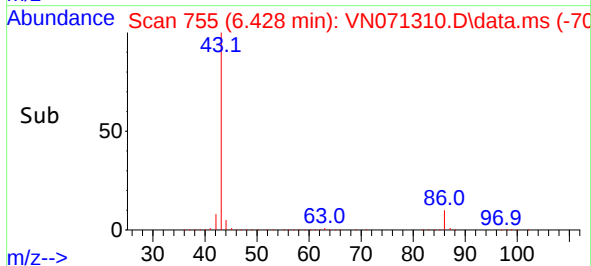
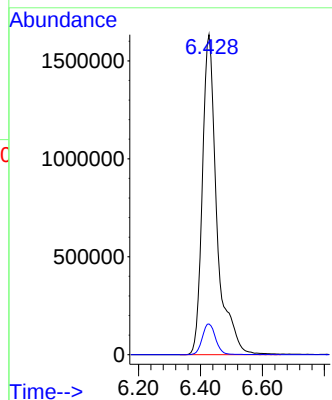
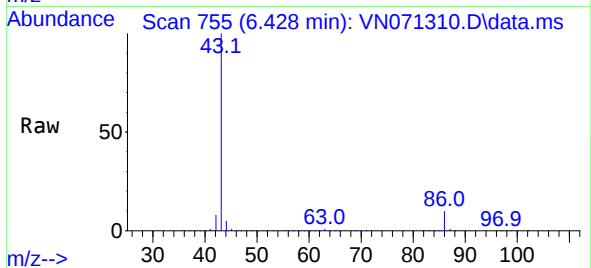
VSTDCCC050

Tgt Ion: 43 Resp: 5328309
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

Manual Integrations

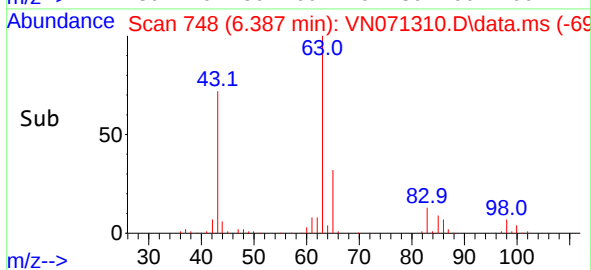
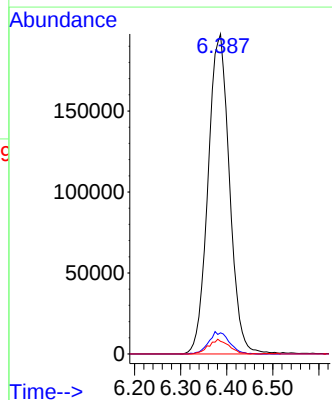
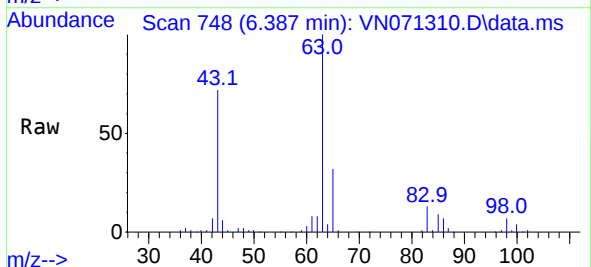
APPROVED

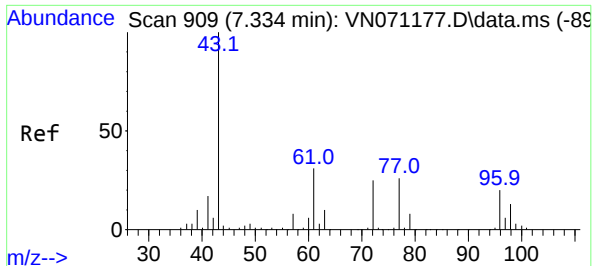
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#24
 1,1-Dichloroethane
 Concen: 48.042 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24

Tgt Ion: 63 Resp: 637744
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.9 2.1 6.5





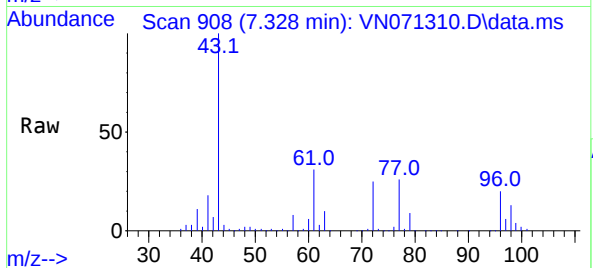
#25
2-Butanone
Concen: 262.122 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



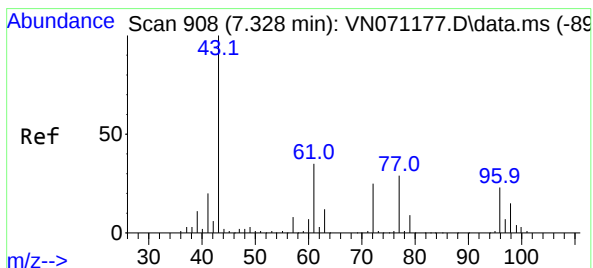
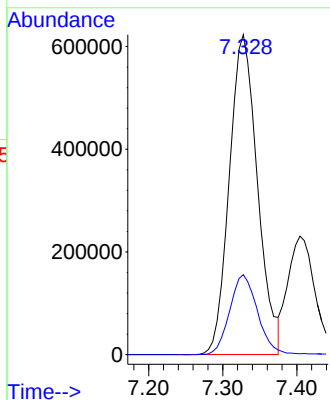
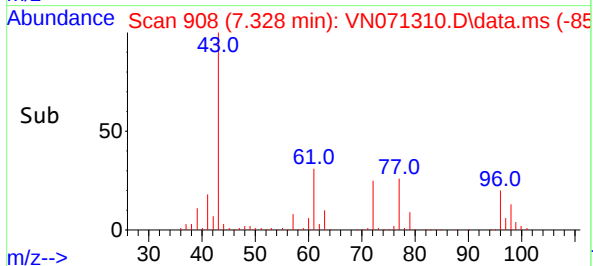
Tgt Ion: 43 Resp: 164668
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

Manual Integrations

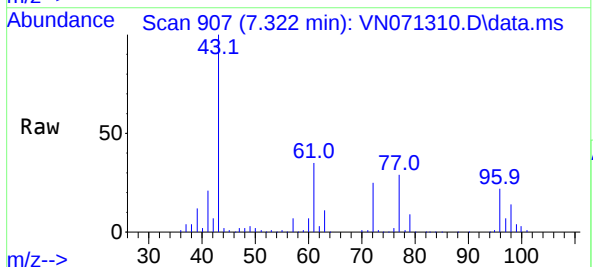
APPROVED

Reviewed By :John Carlone 03/17/2022

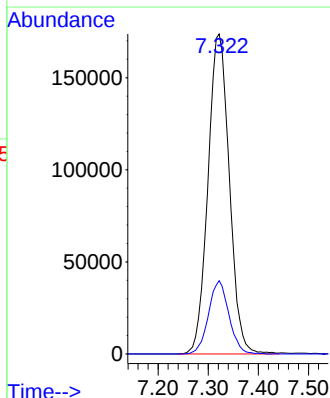
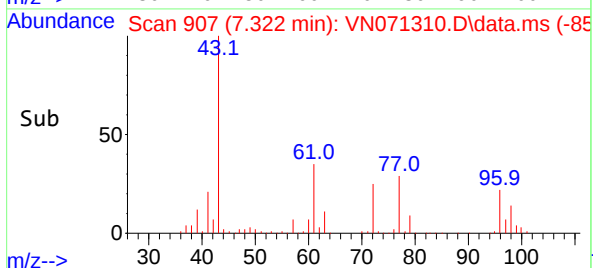
Supervised By :Mahesh Dadoda 03/17/2022

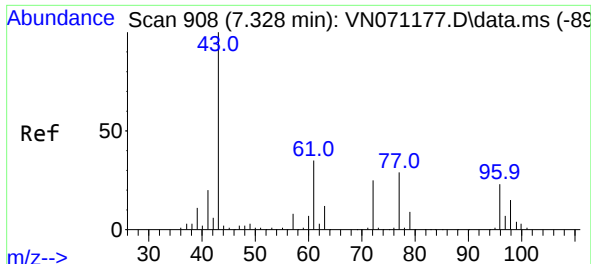


#26
2,2-Dichloropropane
Concen: 50.240 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 77 Resp: 514513
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





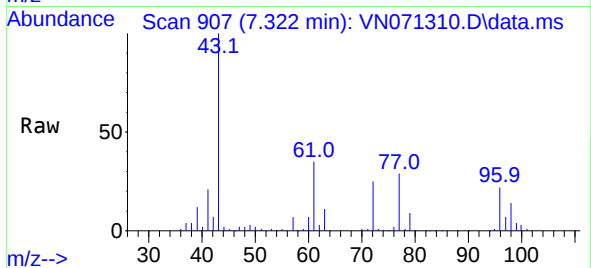
#27
 cis-1,2-Dichloroethene
 Concen: 47.307 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

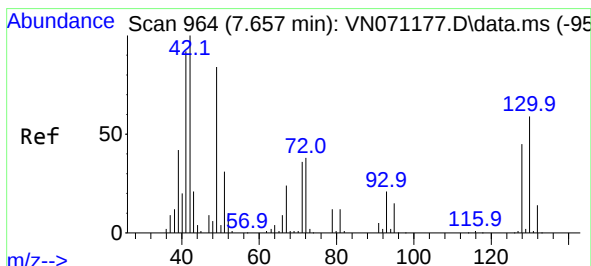
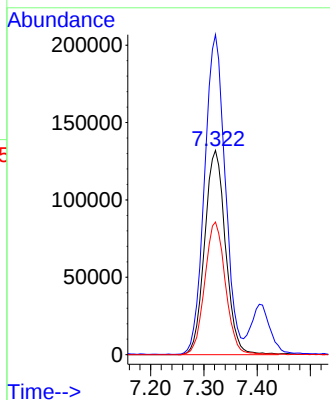
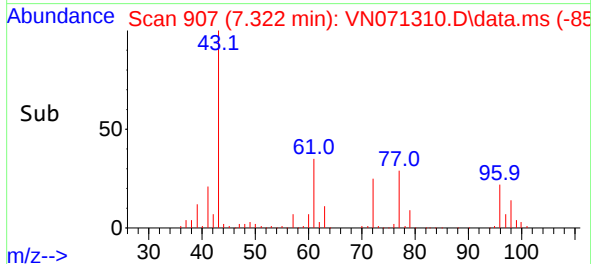


Tgt Ion: 96 Resp: 36005
 Ion Ratio Lower Upper
 96 100
 61 154.9 0.0 275.0
 98 64.5 0.0 129.6

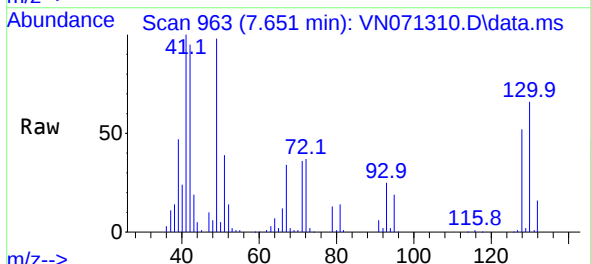
Manual Integrations

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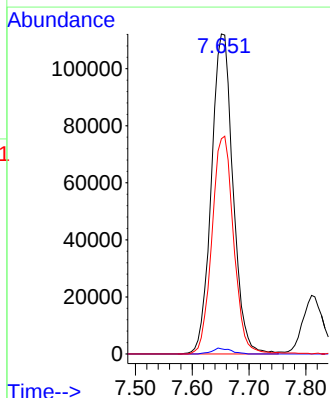
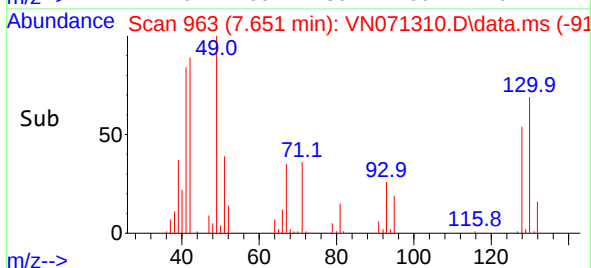
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

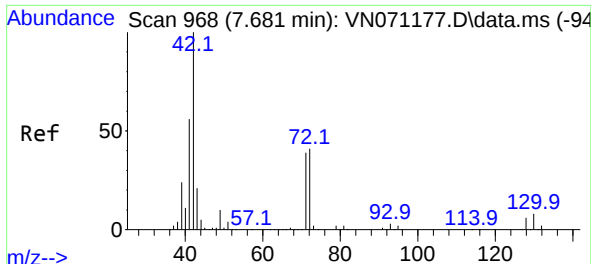


#28
 Bromochloromethane
 Concen: 50.181 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24



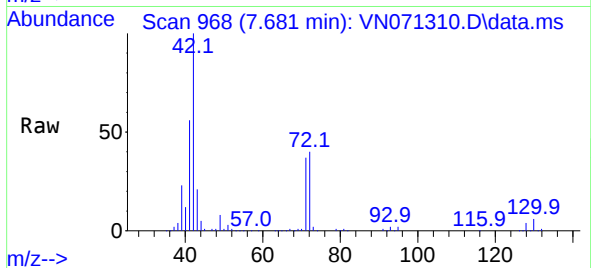
Tgt Ion: 49 Resp: 296639
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 68.0 67.8 101.8





#29
Tetrahydrofuran
Concen: 238.367 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

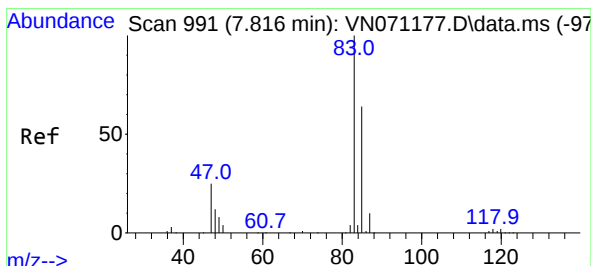
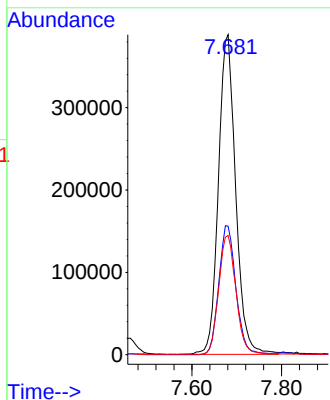
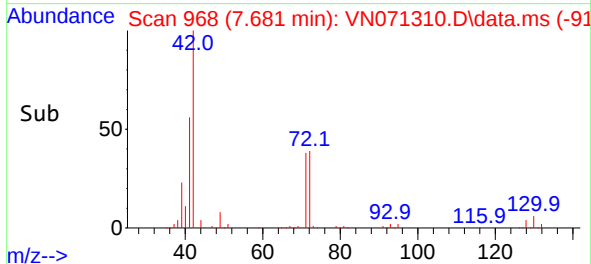
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



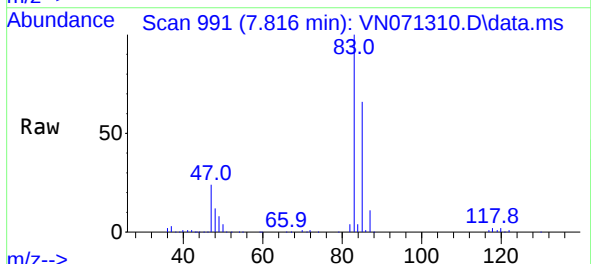
Tgt Ion: 42 Resp: 103740
Ion Ratio Lower Upper
42 100
72 40.0 36.3 54.5
71 37.5 34.7 52.1

Manual Integrations
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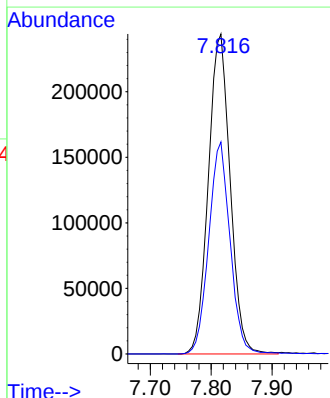
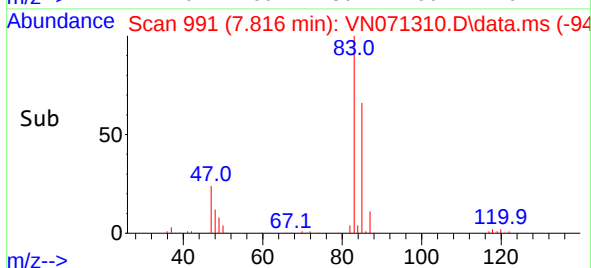
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

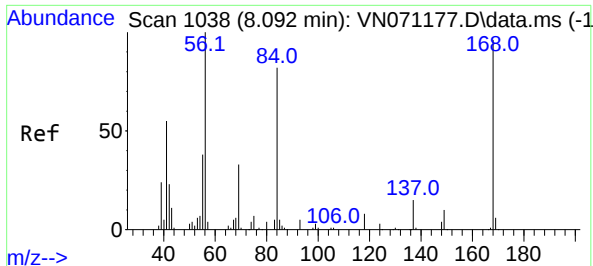


#30
Chloroform
Concen: 47.983 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



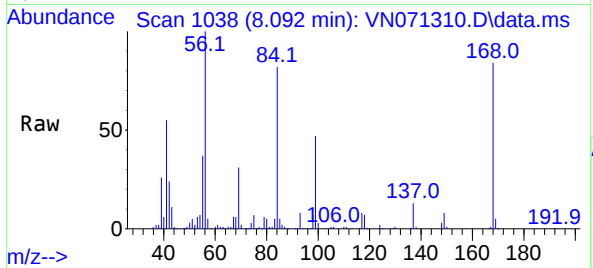
Tgt Ion: 83 Resp: 607516
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9





#31
Cyclohexane
Concen: 45.356 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

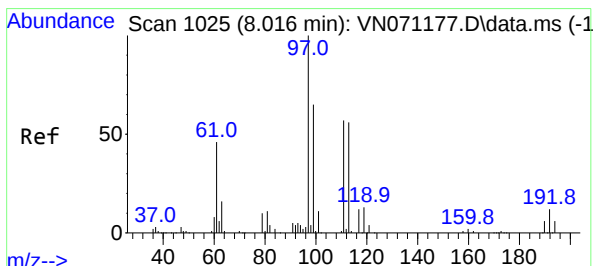
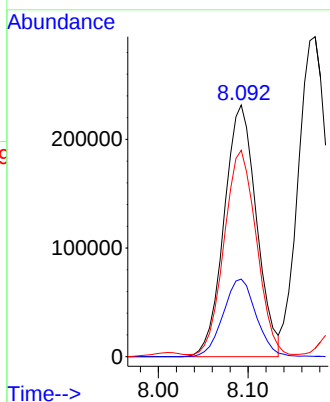
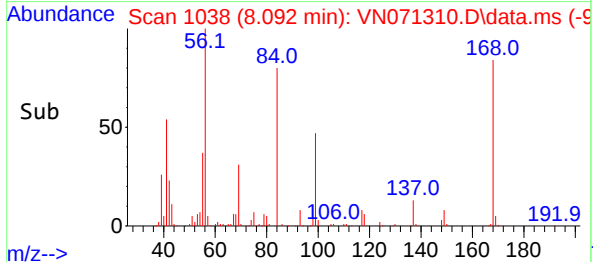
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



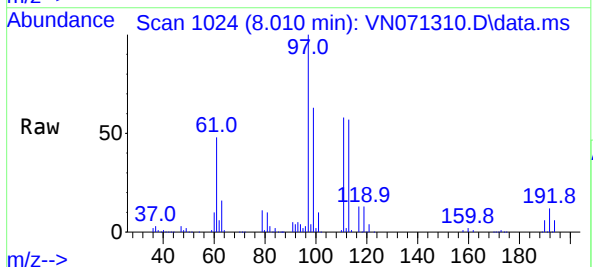
Tgt Ion: 56 Resp: 58052
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 80.7 73.4 110.0

Manual Integrations
APPROVED

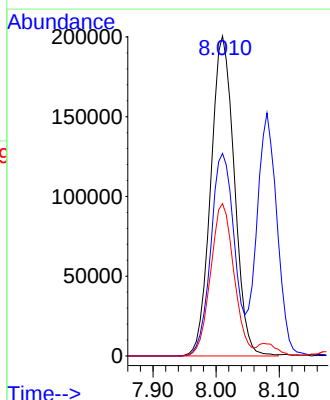
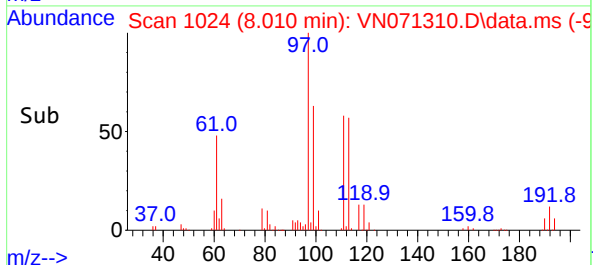
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

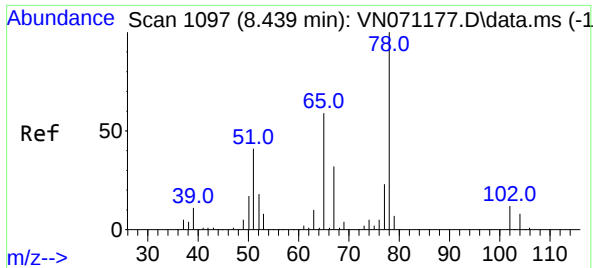


#32
1,1,1-Trichloroethane
Concen: 48.147 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 97 Resp: 519248
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 47.3 35.2 52.8





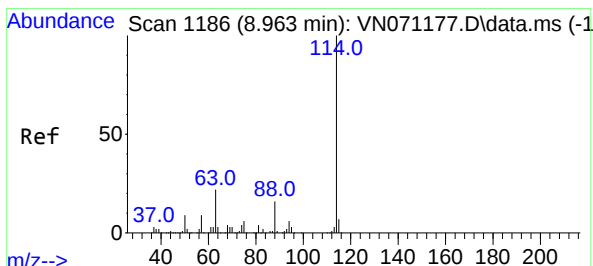
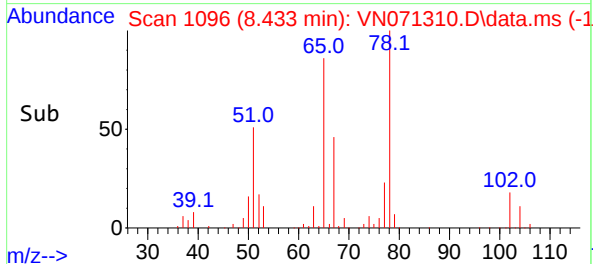
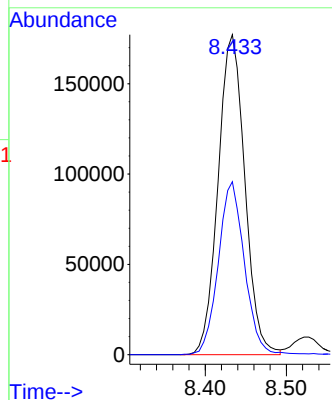
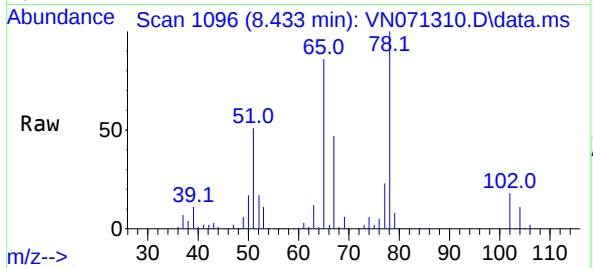
#33
1,2-Dichloroethane-d4
Concen: 50.566 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 405279
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

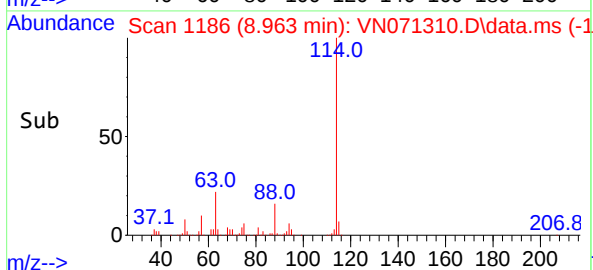
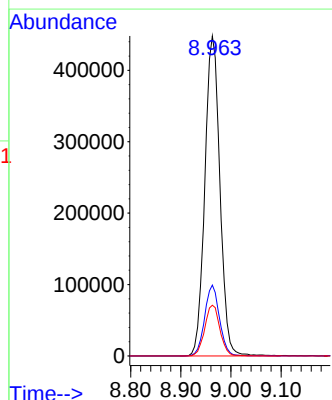
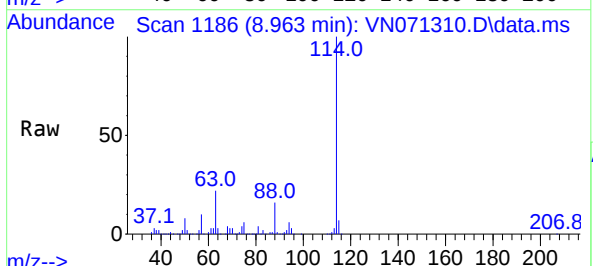
Manual Integrations
APPROVED

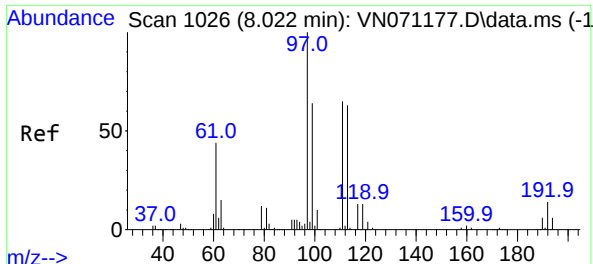
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

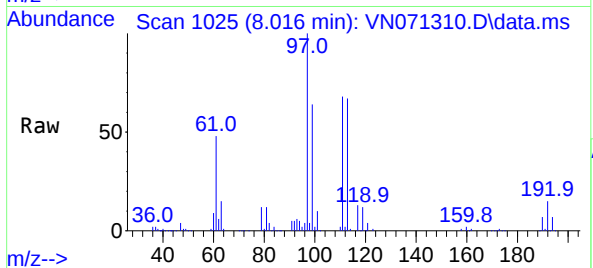
Tgt Ion:114 Resp: 935091
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.162 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

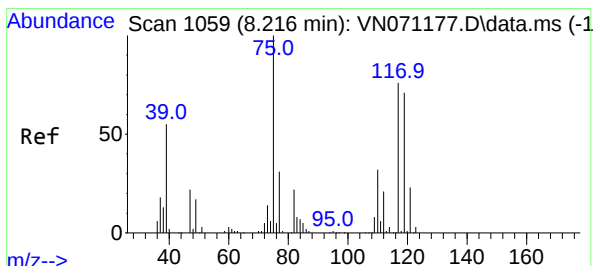
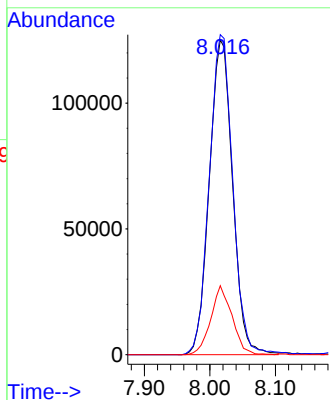
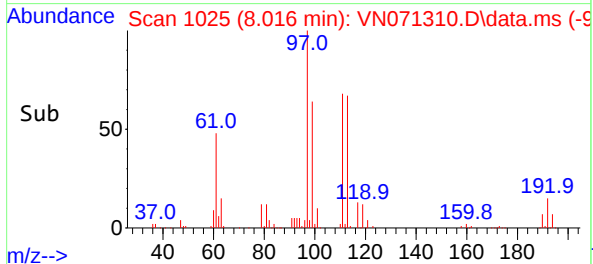
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



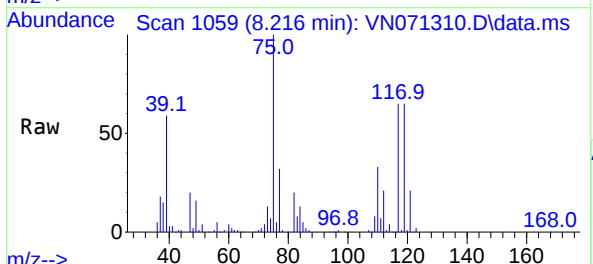
Tgt Ion:113 Resp: 30779
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

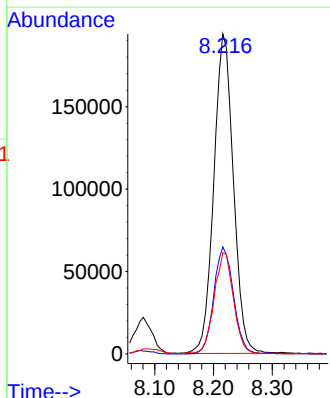
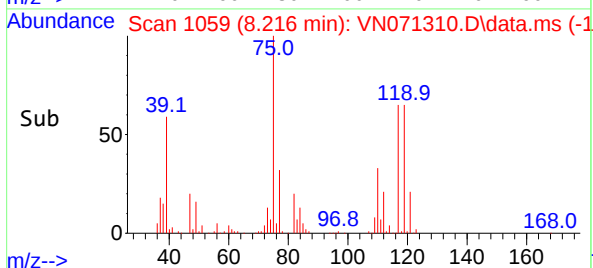
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

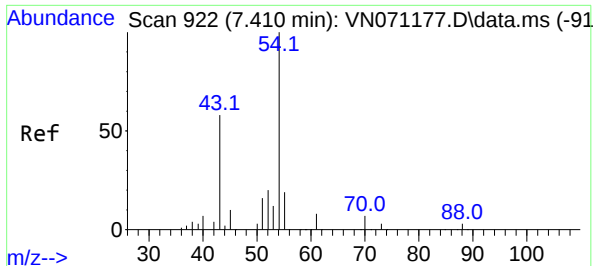


#36
1,1-Dichloropropene
Concen: 47.447 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



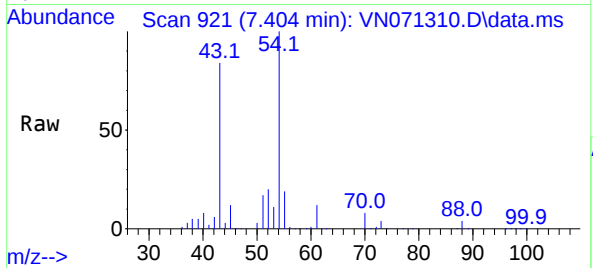
Tgt Ion: 75 Resp: 448582
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 46.619 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

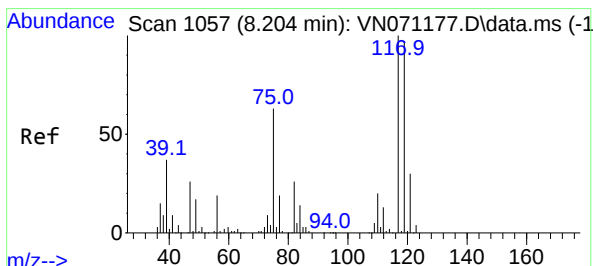
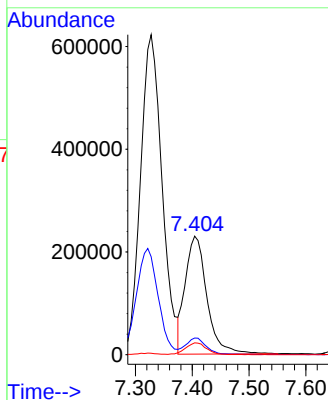
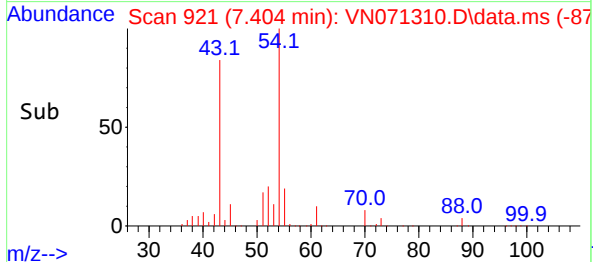
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



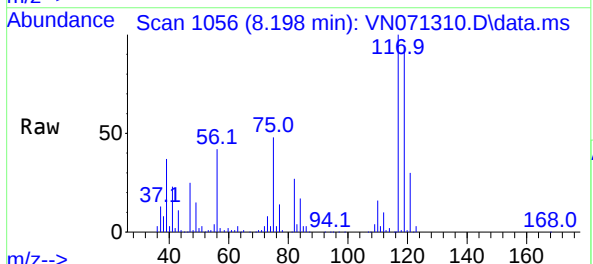
Tgt Ion: 43 Resp: 60657
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.8 7.9 11.9

Manual Integrations
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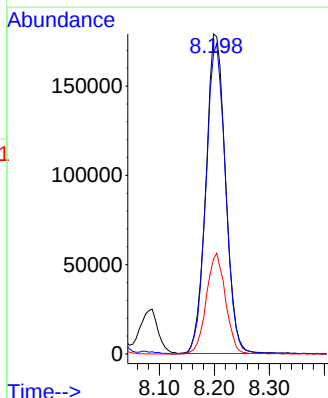
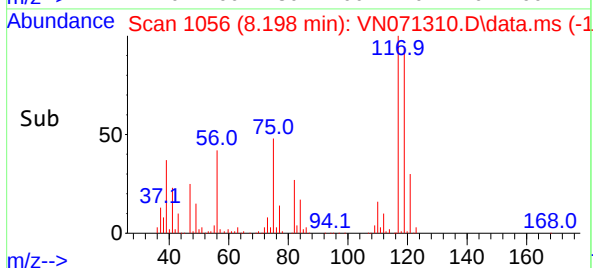
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

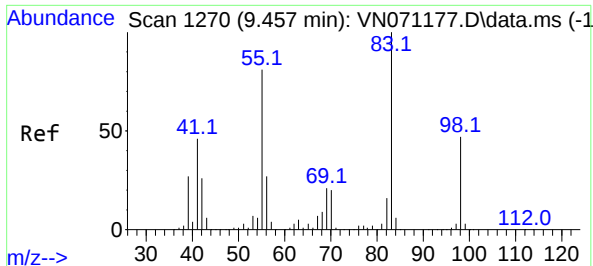


#38
Carbon Tetrachloride
Concen: 48.533 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion:117 Resp: 443816
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1
121 29.7 24.2 36.2





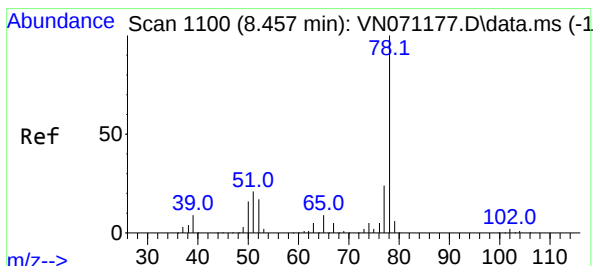
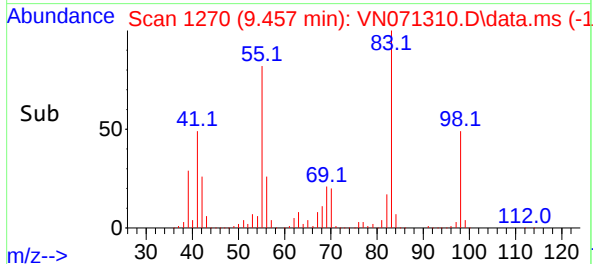
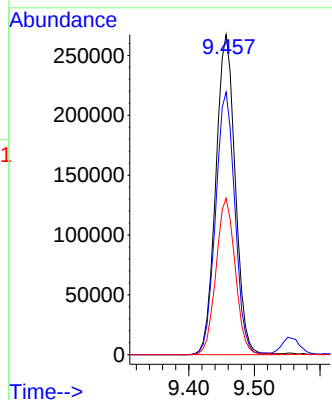
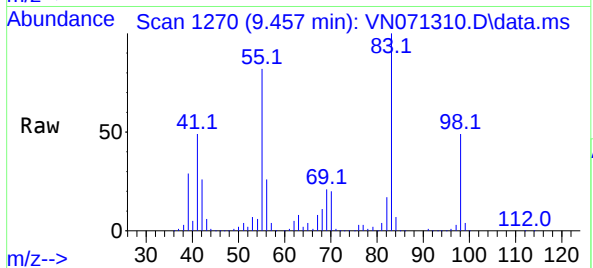
#39
Methylcyclohexane
Concen: 49.422 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 549672
Ion Ratio Lower Upper
83 100
55 82.1 58.1 87.1
98 48.9 38.4 57.6

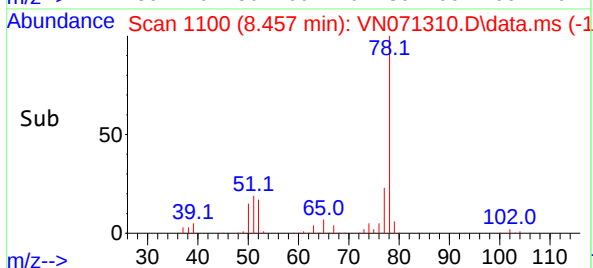
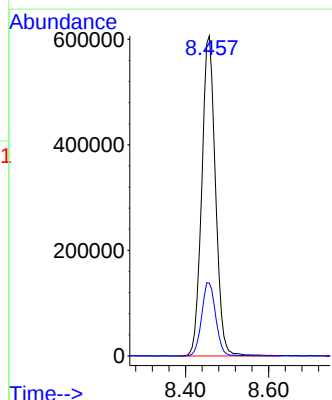
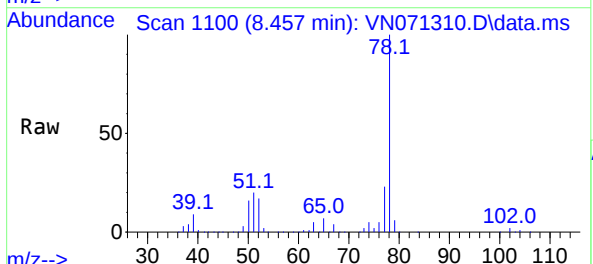
Manual Integrations
APPROVED

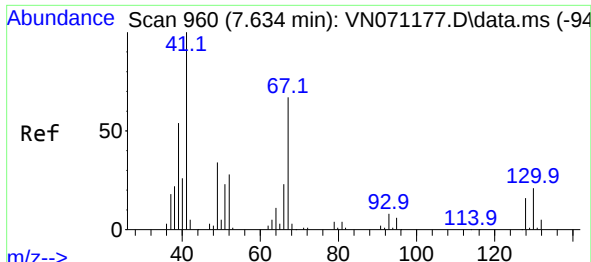
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#40
Benzene
Concen: 48.792 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 78 Resp: 1389832
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8





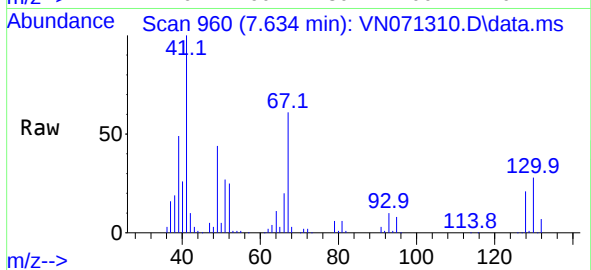
#41
Methacrylonitrile
Concen: 47.832 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



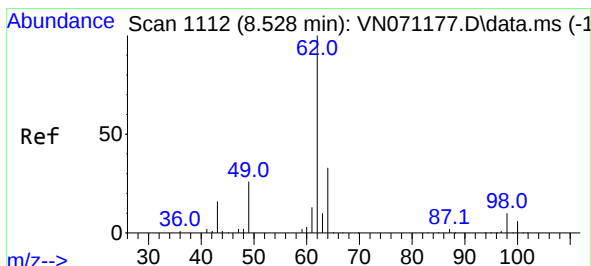
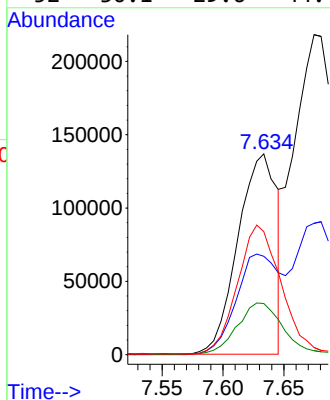
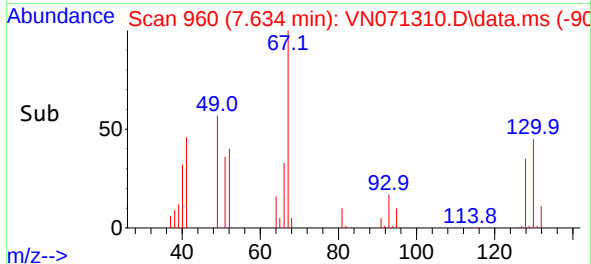
Tgt Ion: 41 Resp: 30457
Ion Ratio Lower Upper
41 100
39 58.1 48.1 72.1
67 73.7 68.3 102.5
52 30.1 29.6 44.4

Manual Integrations

APPROVED

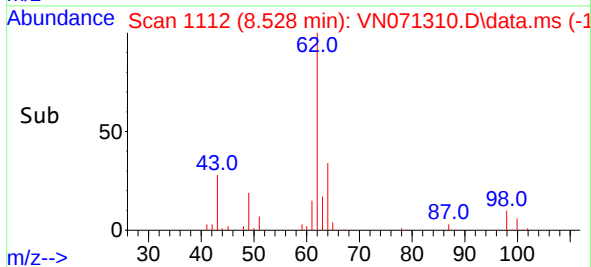
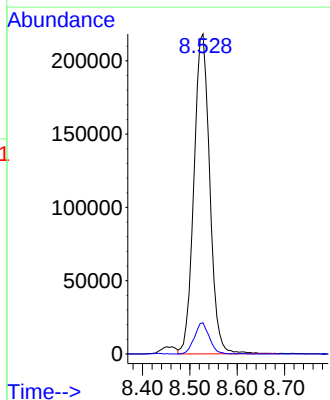
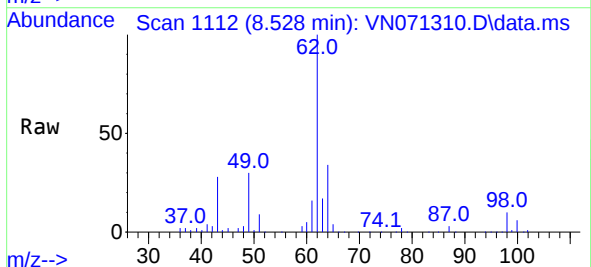
Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 51.150 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

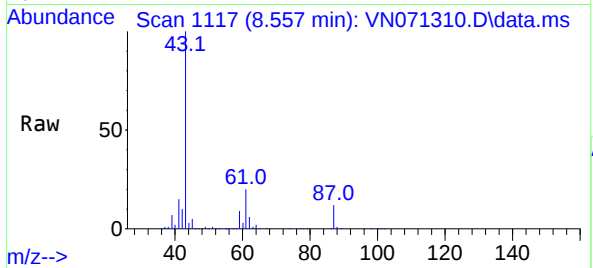
Tgt Ion: 62 Resp: 507018
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.024 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

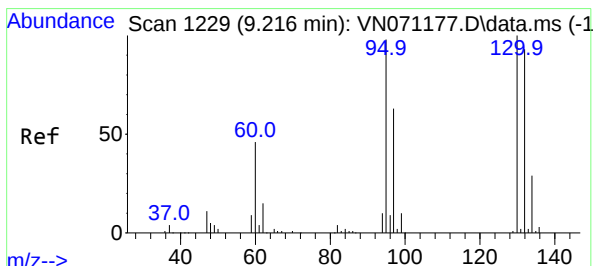
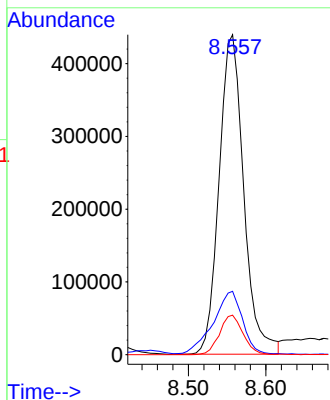
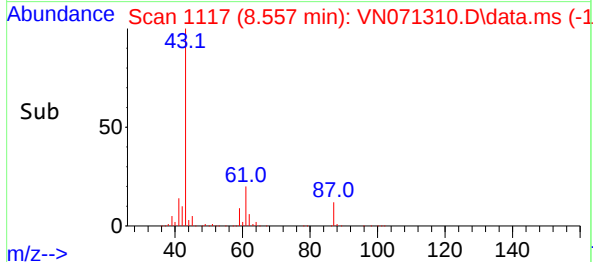
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



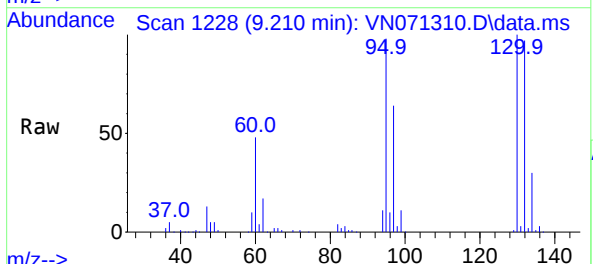
Tgt Ion: 43 Resp: 97333
Ion Ratio Lower Upper
43 100
61 23.8 20.4 30.6
87 11.8 11.2 16.8

Manual Integrations
APPROVED

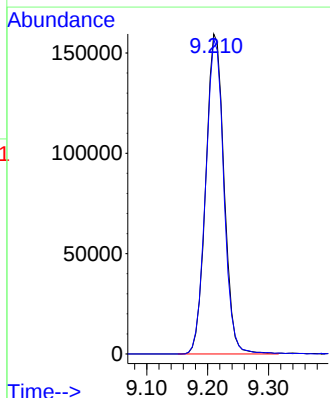
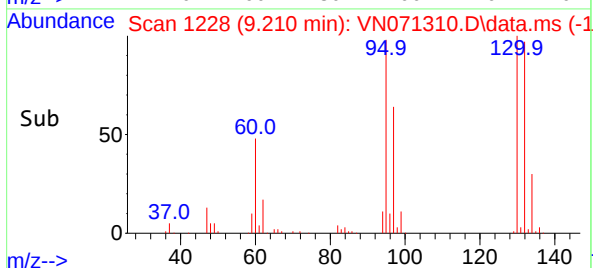
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

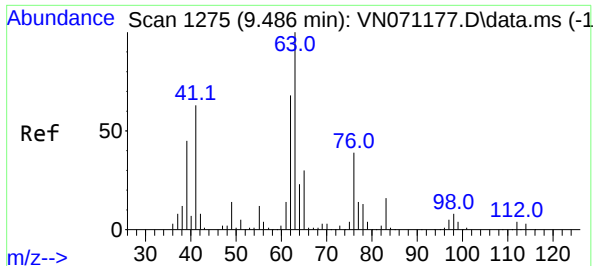


#44
Trichloroethene
Concen: 49.431 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion:130 Resp: 332224
Ion Ratio Lower Upper
130 100
95 98.4 0.0 191.2





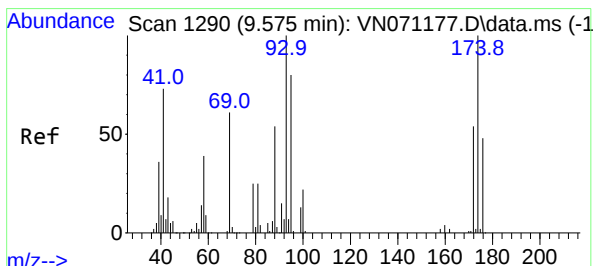
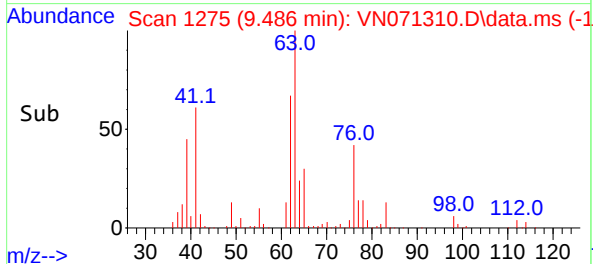
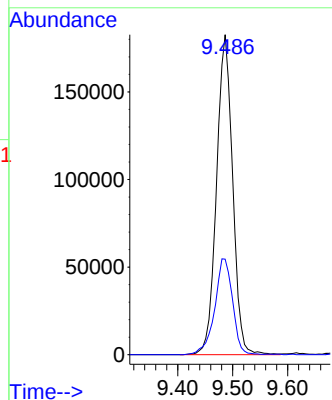
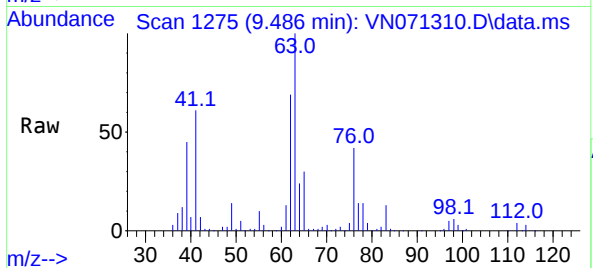
#45
1,2-Dichloropropane
Concen: 48.667 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 37213
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

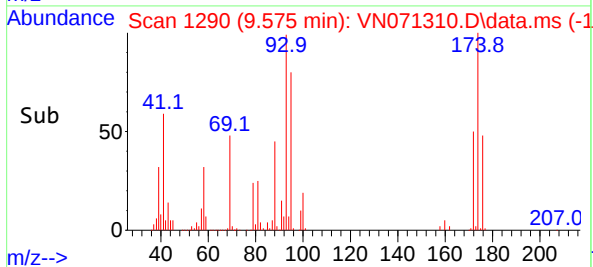
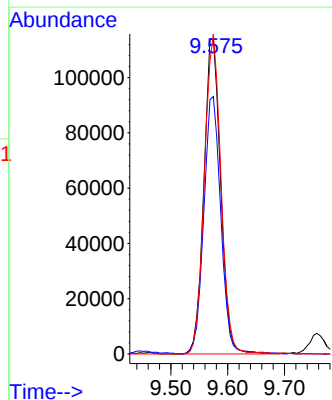
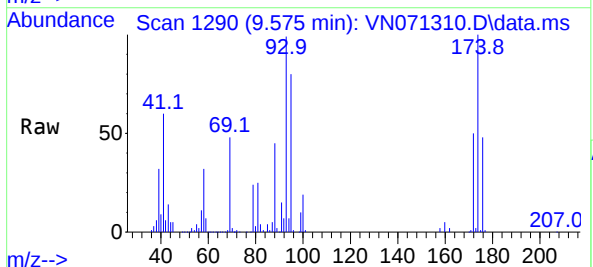
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 49.771 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 93 Resp: 234242
Ion Ratio Lower Upper
93 100
95 82.7 65.9 98.9
174 99.8 84.6 127.0





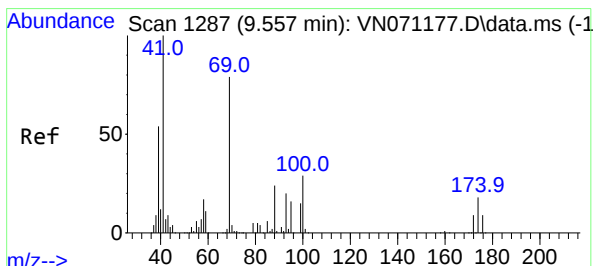
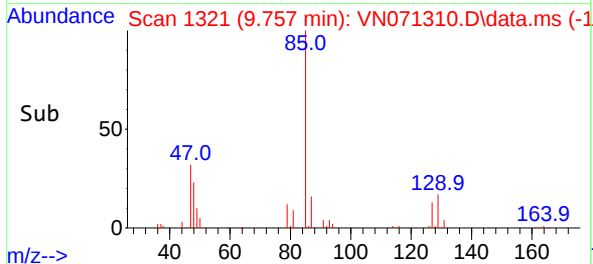
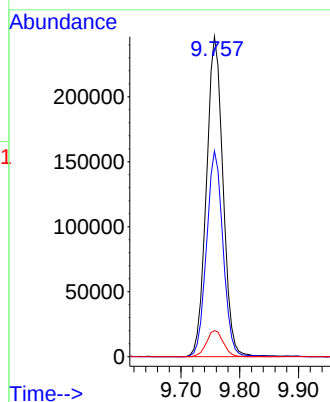
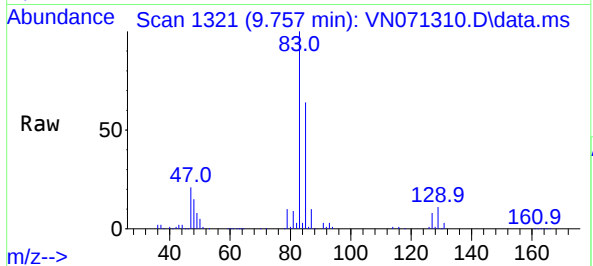
#47
Bromodichloromethane
Concen: 50.833 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 483480
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.2 7.1 10.7

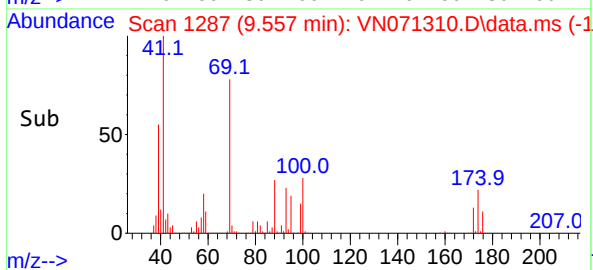
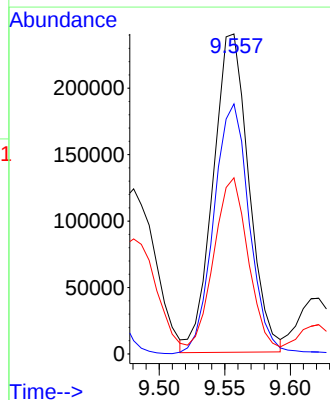
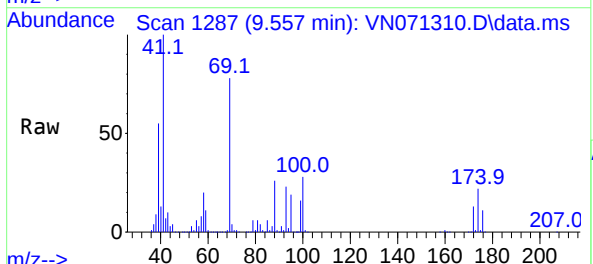
Manual Integrations
APPROVED

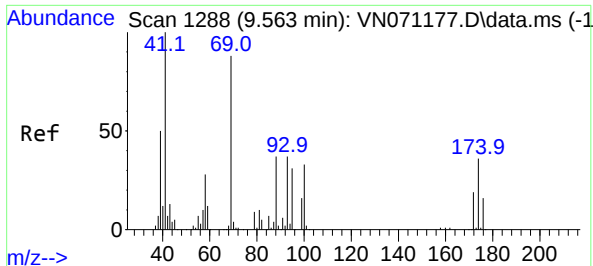
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#48
Methyl methacrylate
Concen: 50.409 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

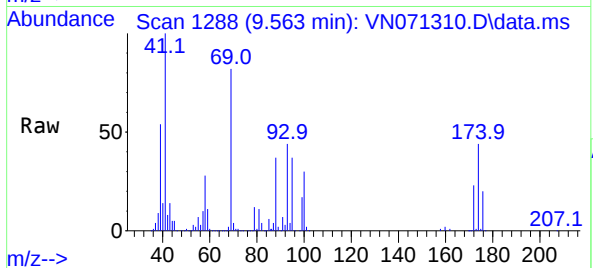
Tgt Ion: 41 Resp: 454533
Ion Ratio Lower Upper
41 100
69 79.2 72.4 108.6
39 53.9 58.4 87.6#





#49
1,4-Dioxane
Concen: 967.991 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

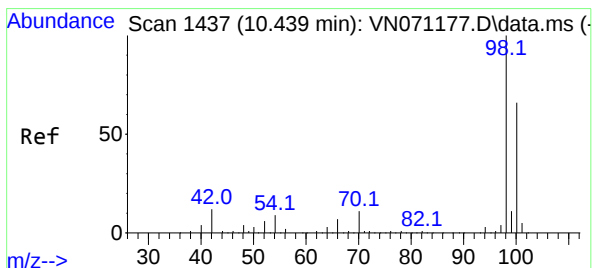
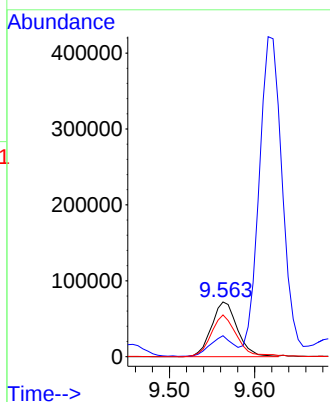
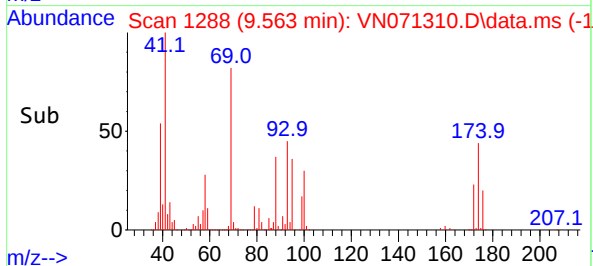
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



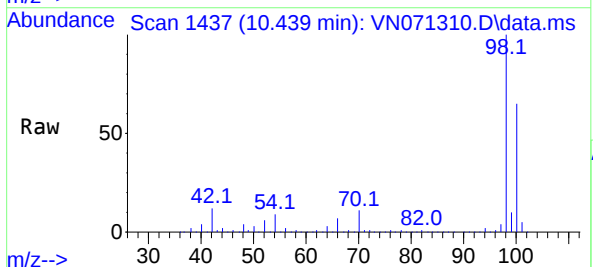
Tgt Ion: 88 Resp: 151717
Ion Ratio Lower Upper
88 100
43 33.1 23.4 35.2
58 76.8 50.6 75.8

Manual Integrations
APPROVED

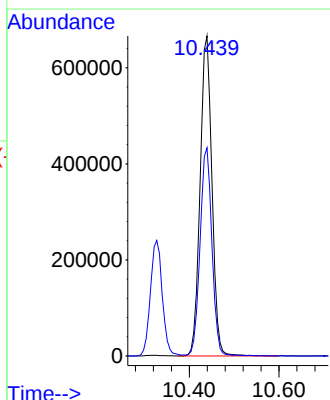
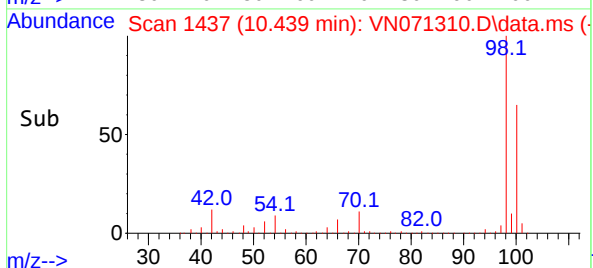
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

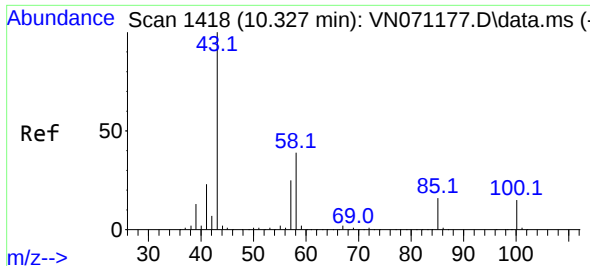


#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 98 Resp: 1218405
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6





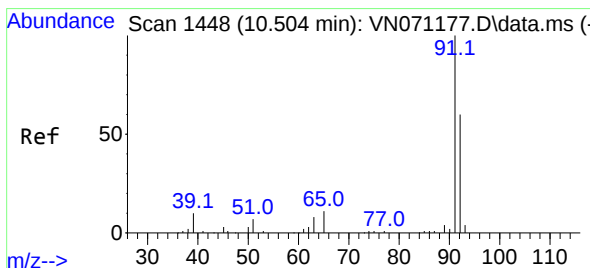
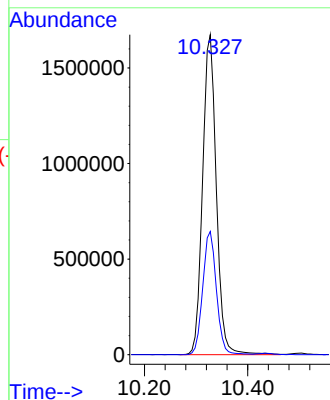
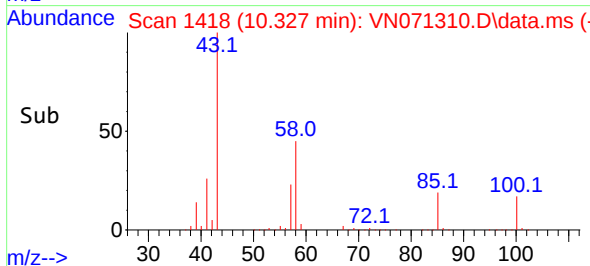
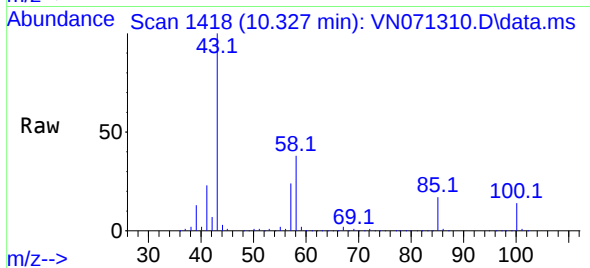
#51
4-Methyl-2-Pentanone
Concen: 255.092 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 308033
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

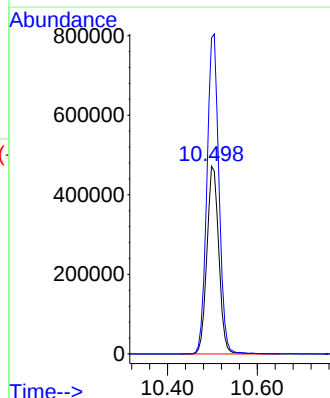
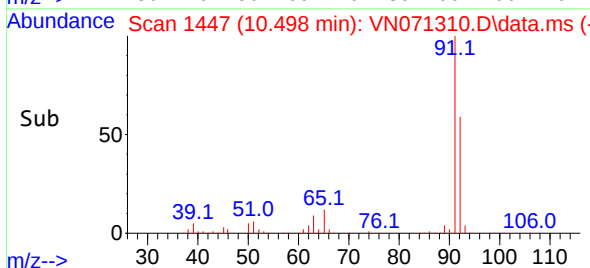
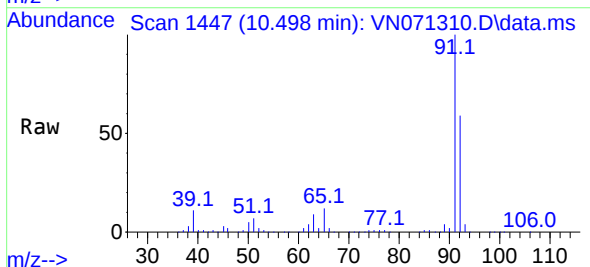
Manual Integrations
APPROVED

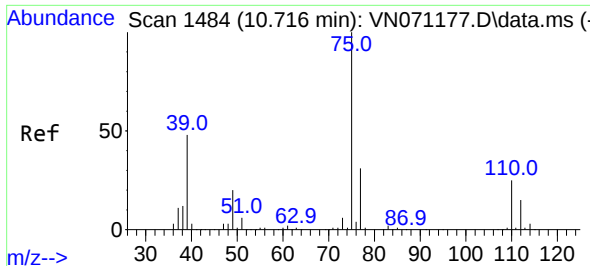
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 49.427 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

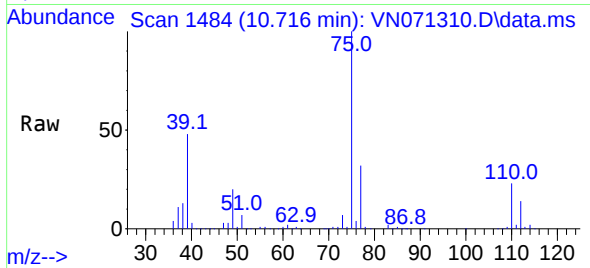
Tgt Ion: 92 Resp: 866975
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 51.007 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

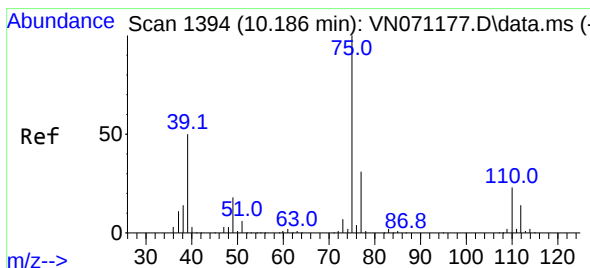
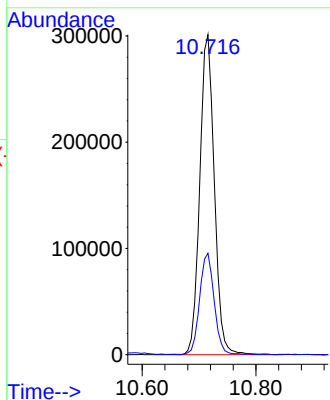
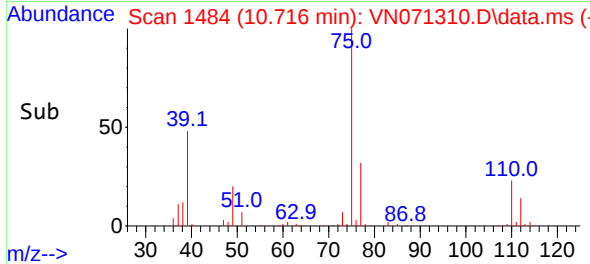
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



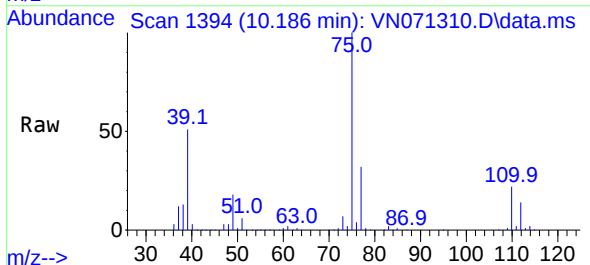
Tgt Ion: 75 Resp: 534784
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

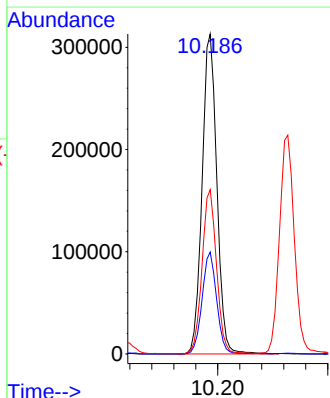
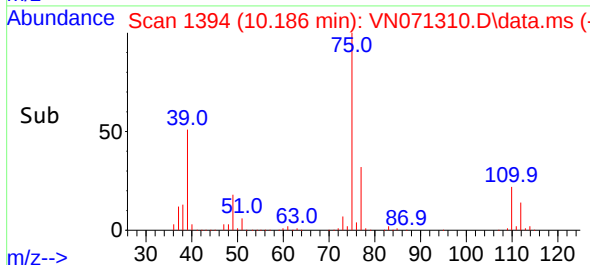
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

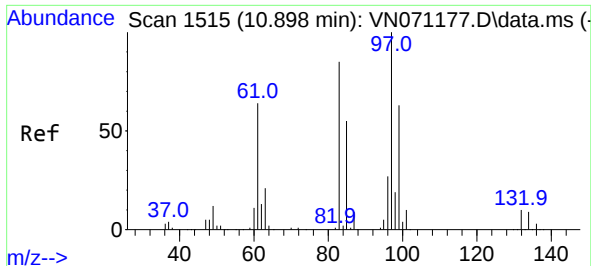


#54
cis-1,3-Dichloropropene
Concen: 50.787 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 75 Resp: 581809
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 51.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.171 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

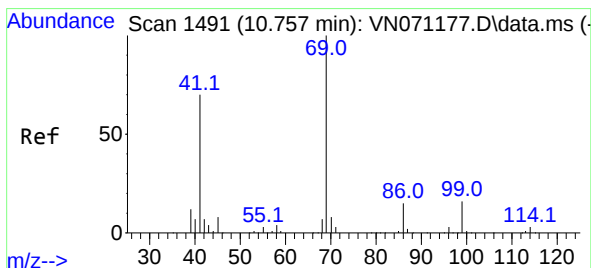
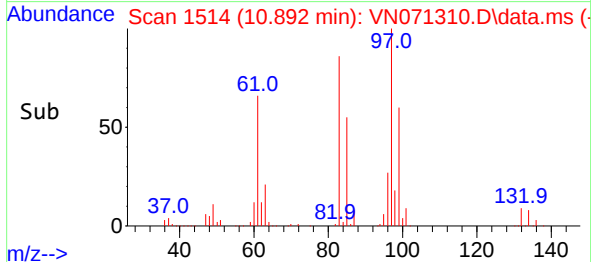
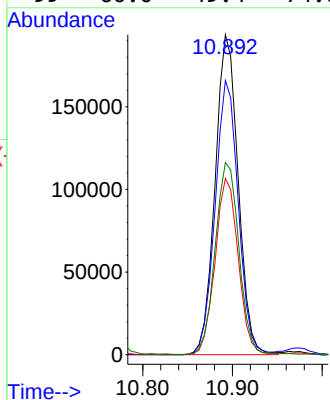
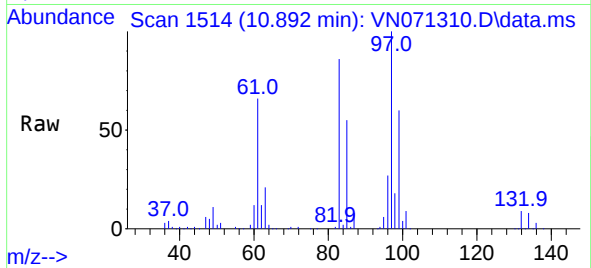
VSTDCCC050

Tgt Ion: 97 Resp: 345600
Ion Ratio Lower Upper
97 100
83 85.7 67.8 101.6
85 55.1 45.4 68.2
99 60.0 49.4 74.0

Manual Integrations

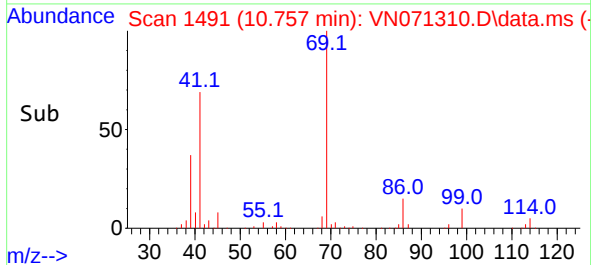
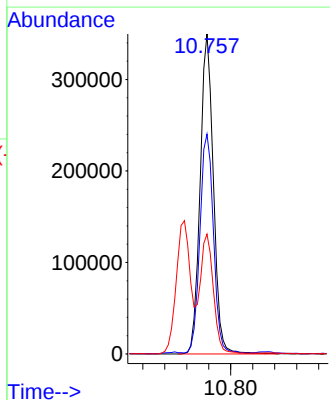
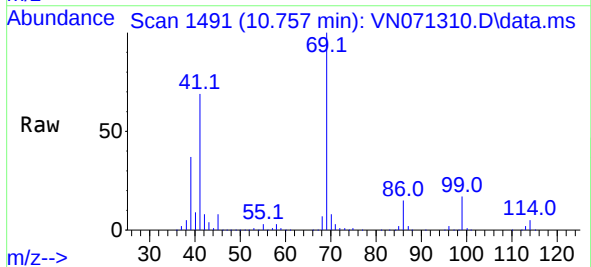
APPROVED

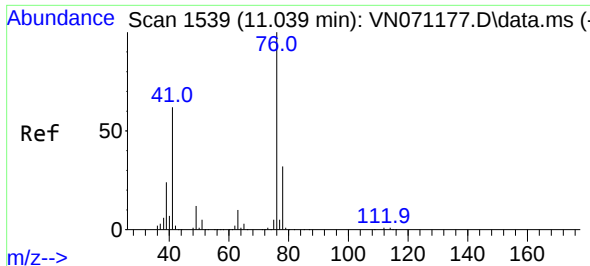
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#56
Ethyl methacrylate
Concen: 50.961 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 69 Resp: 584942
Ion Ratio Lower Upper
69 100
41 69.7 51.4 77.0
39 37.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.379 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 622975

Ion Ratio Lower Upper

76 100

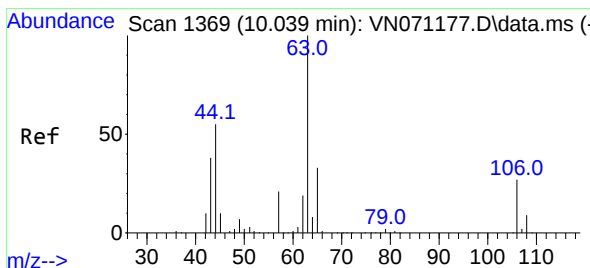
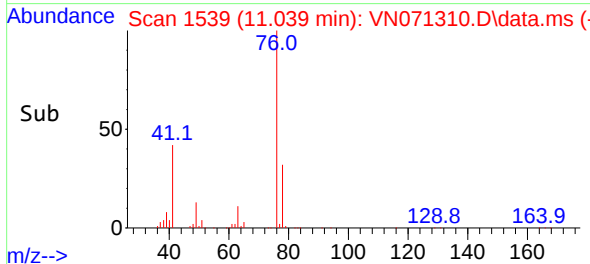
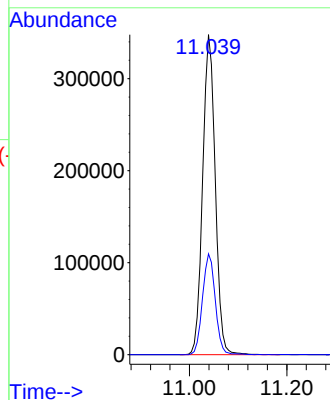
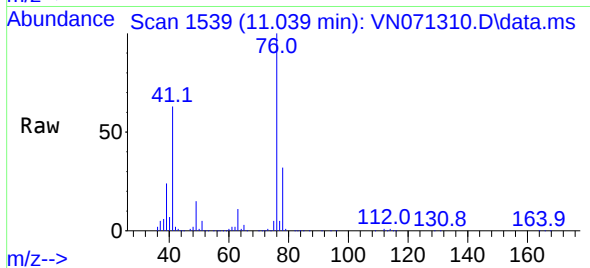
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 340.728 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071310.D

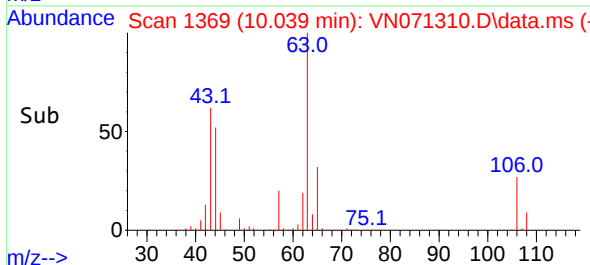
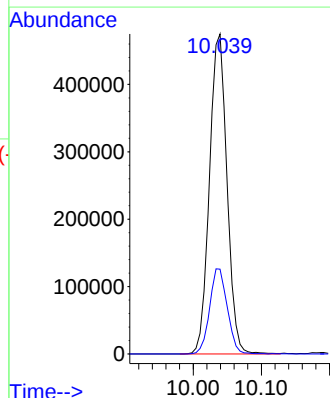
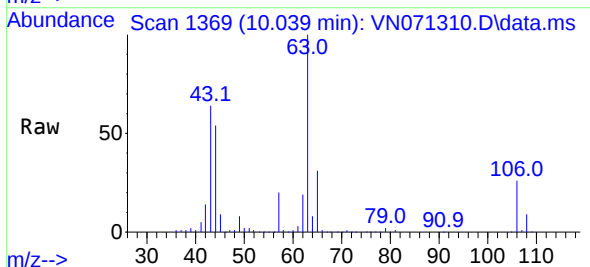
Acq: 16 Mar 2022 10:24

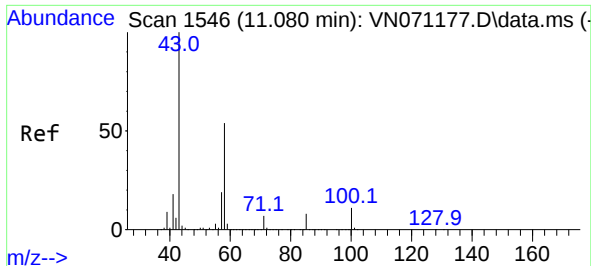
Tgt Ion: 63 Resp: 849124

Ion Ratio Lower Upper

63 100

106 26.8 23.9 35.9





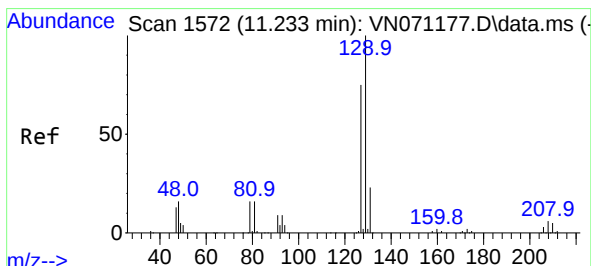
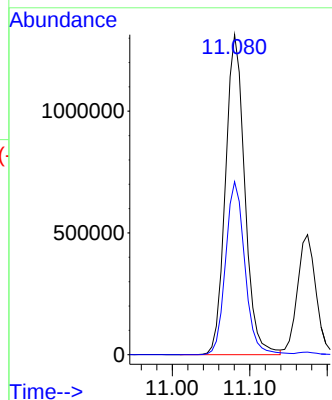
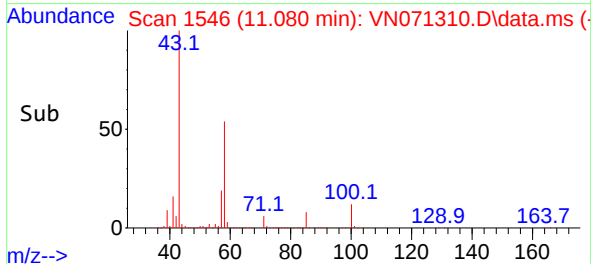
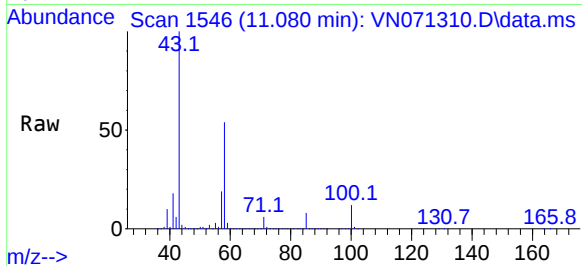
#59
2-Hexanone
Concen: 276.387 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2277198
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7

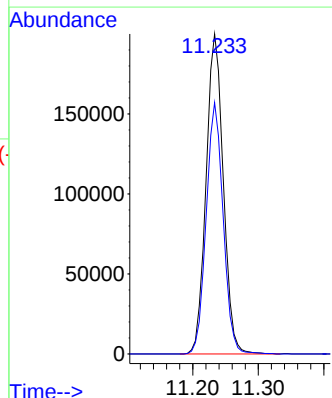
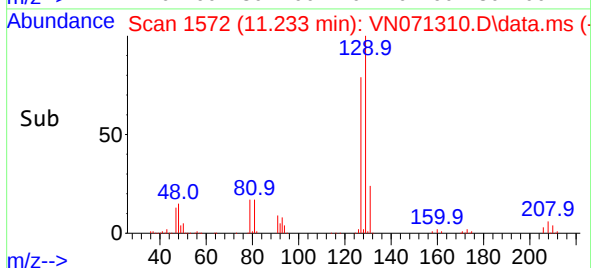
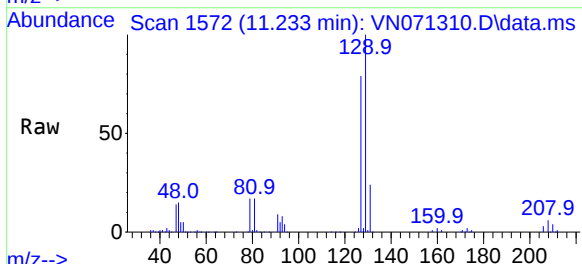
Manual Integrations
APPROVED

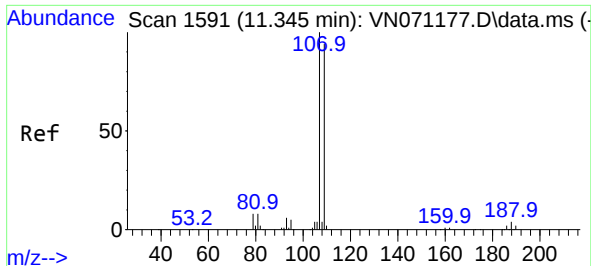
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#60
Dibromochloromethane
Concen: 52.329 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

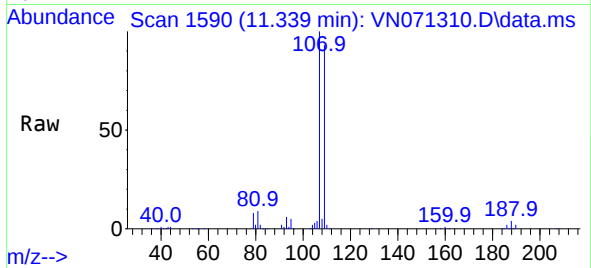
Tgt Ion:129 Resp: 365447
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.909 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

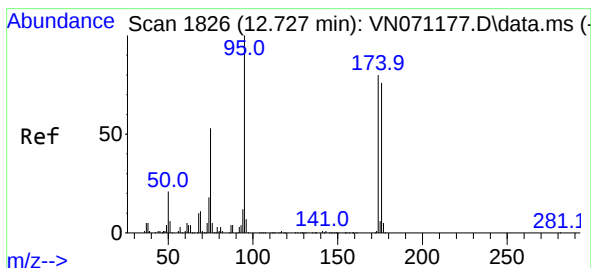
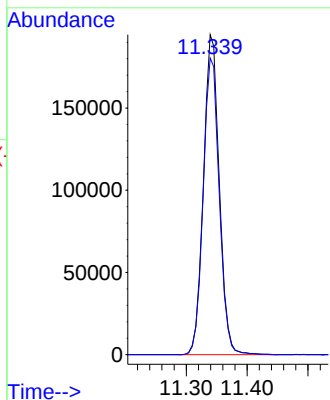
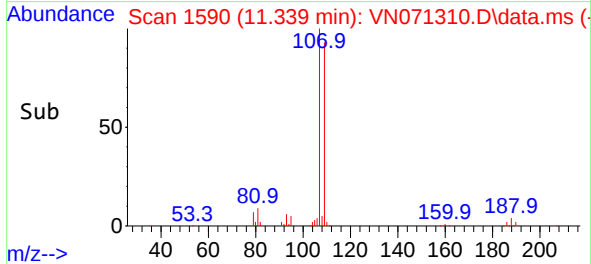
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



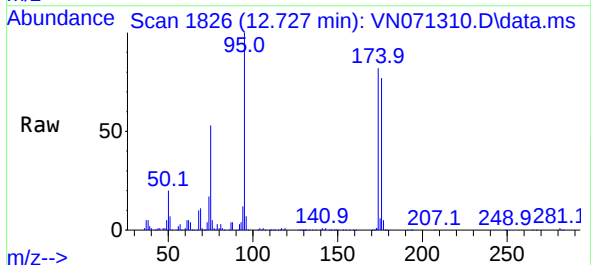
Tgt Ion:107 Resp: 35134
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

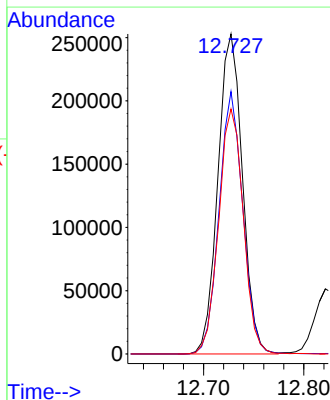
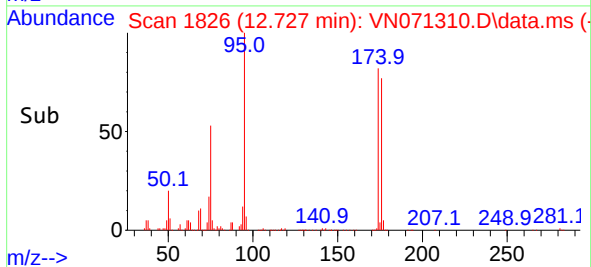
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

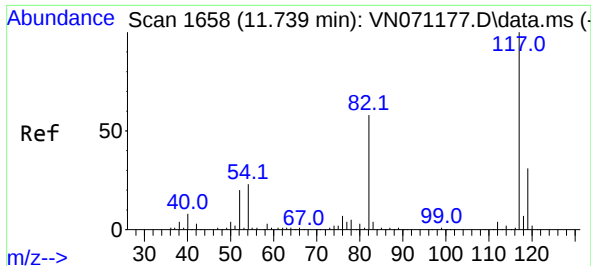


#62
4-Bromofluorobenzene
Concen: 53.247 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



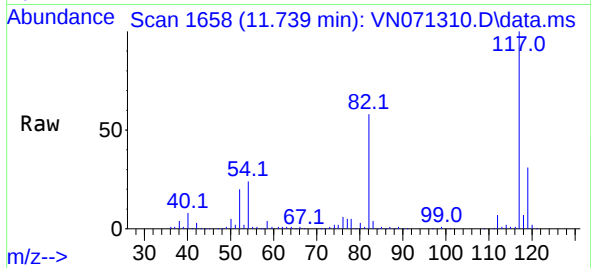
Tgt Ion: 95 Resp: 428377
Ion Ratio Lower Upper
95 100
174 79.6 0.0 187.2
176 77.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

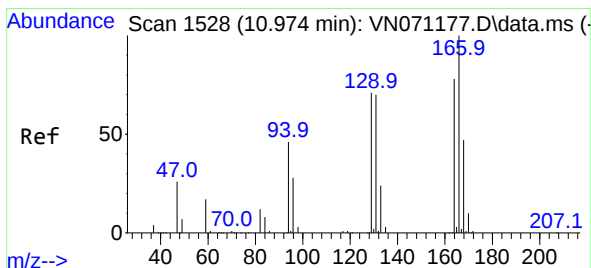
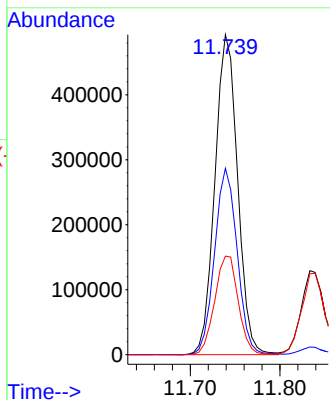
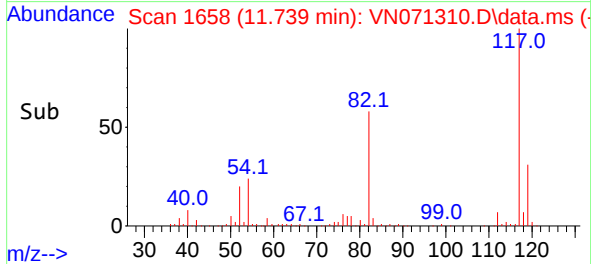
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



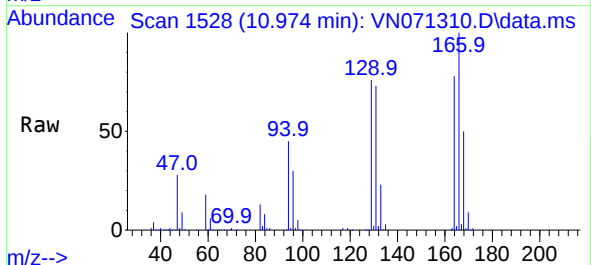
Tgt Ion:117 Resp: 865269
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 30.8 25.4 38.2

Manual Integrations
APPROVED

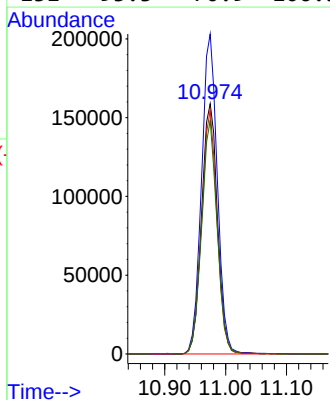
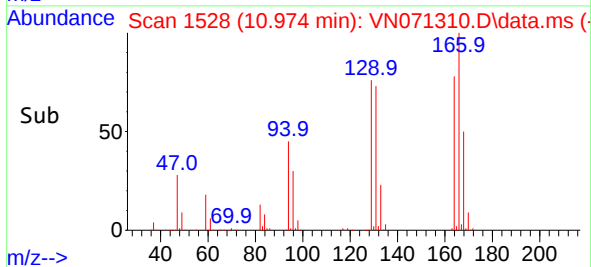
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#64
Tetrachloroethene
Concen: 47.953 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



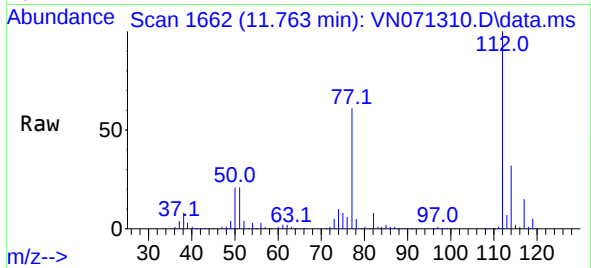
Tgt Ion:164 Resp: 289381
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 97.3 72.0 108.0
131 93.3 70.9 106.3





#65
Chlorobenzene
Concen: 48.973 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

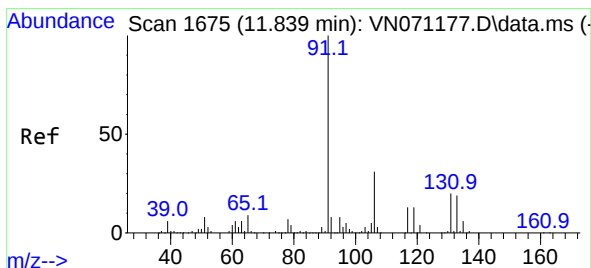
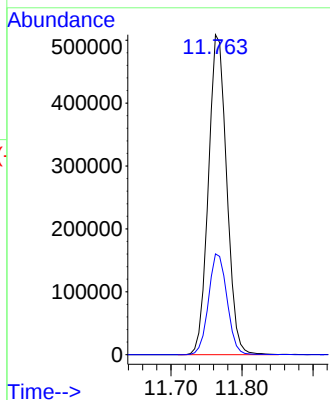
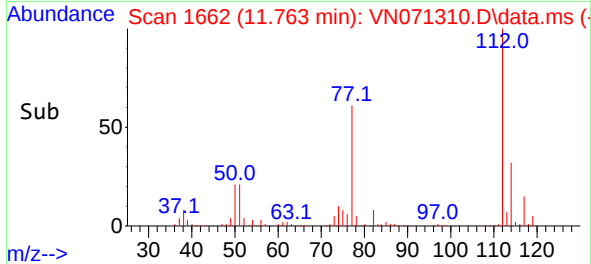
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



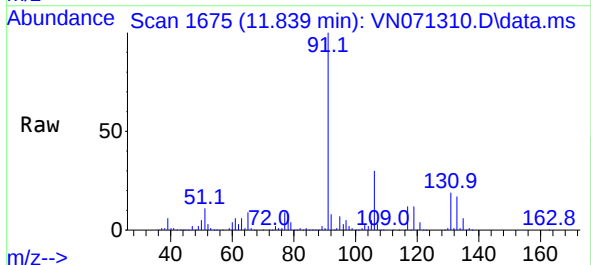
Tgt Ion:112 Resp: 910021
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

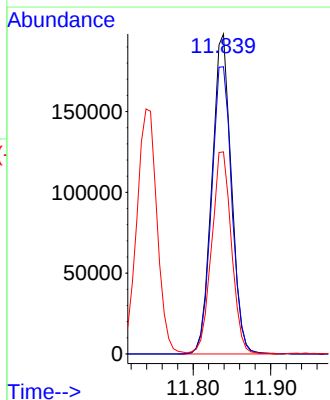
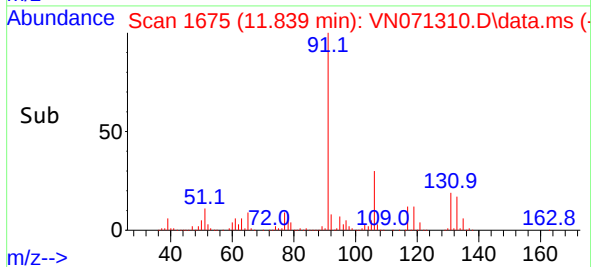
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

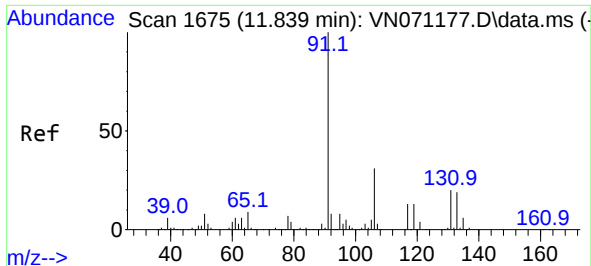


#66
1,1,1,2-Tetrachloroethane
Concen: 50.520 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



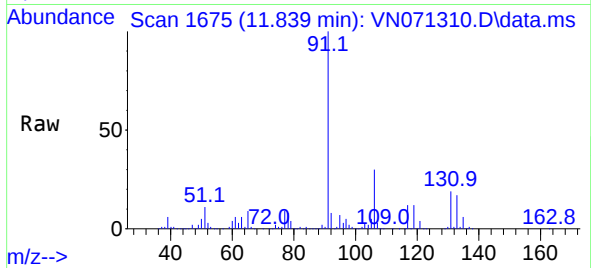
Tgt Ion:131 Resp: 344221
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 51.148 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

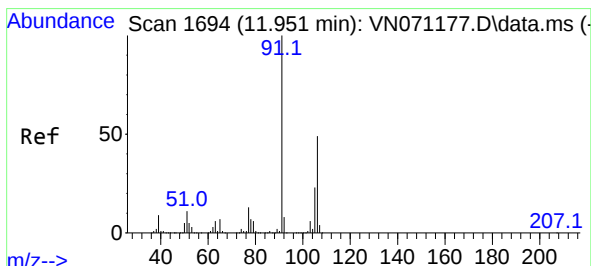
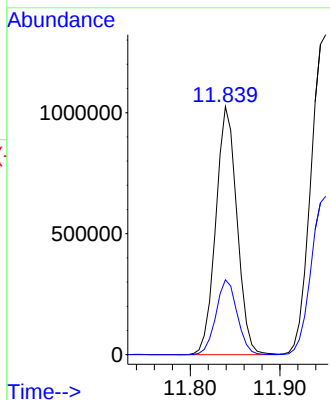
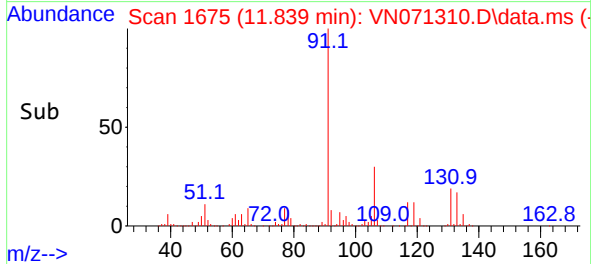
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



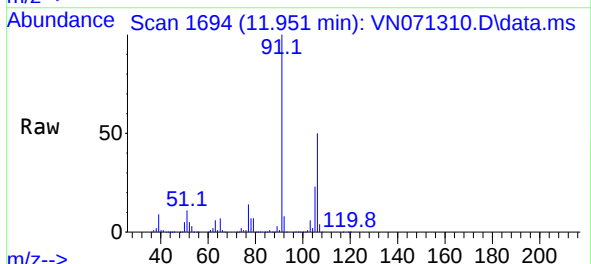
Tgt Ion: 91 Resp: 168050
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

Manual Integrations
APPROVED

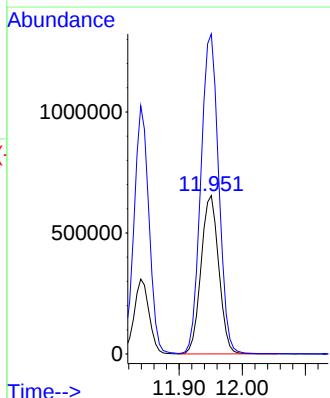
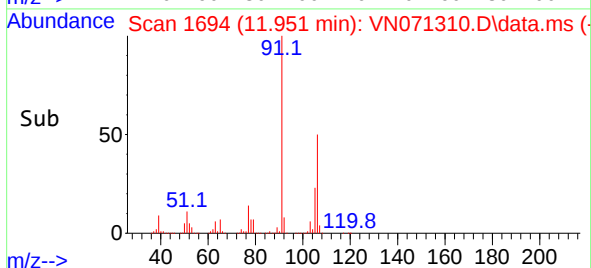
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#68
m/p-Xylenes
Concen: 106.124 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



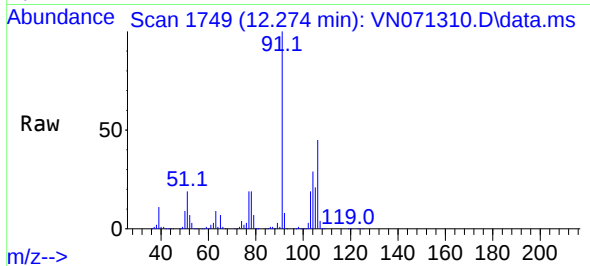
Tgt Ion:106 Resp: 1275549
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8





#69
o-Xylene
Concen: 51.923 ug/l
RT: 12.274 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

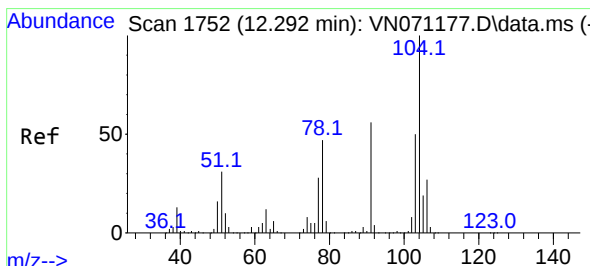
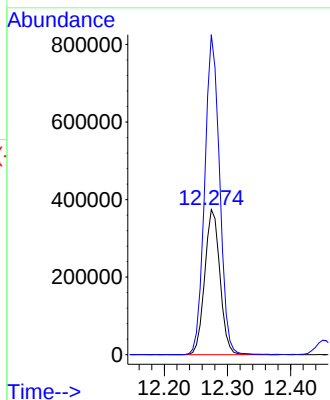
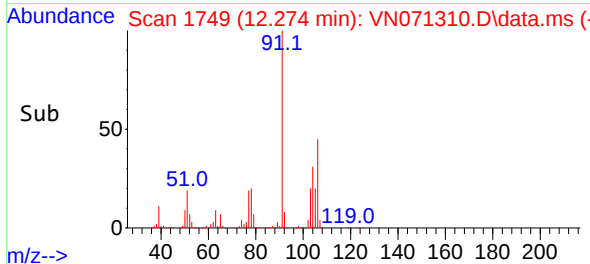
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 625582
Ion Ratio Lower Upper
106 100
91 216.2 105.8 317.3

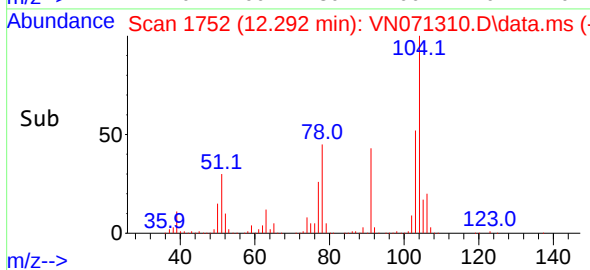
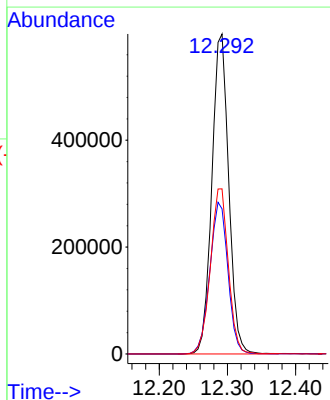
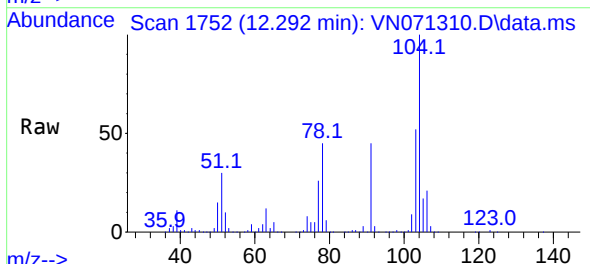
Manual Integrations
APPROVED

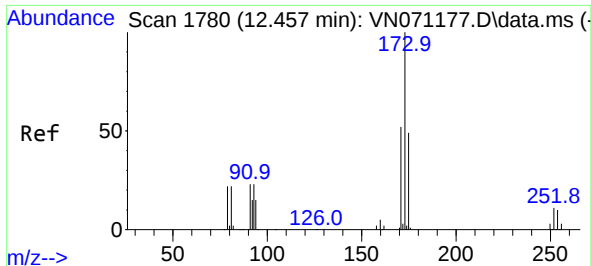
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 55.252 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

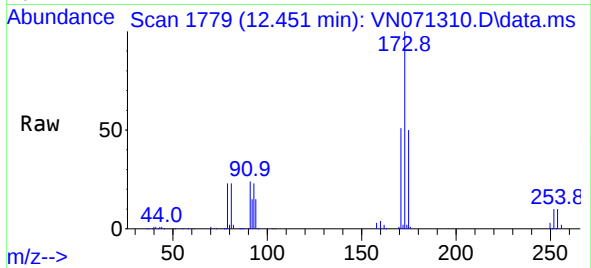
Tgt Ion:104 Resp: 1030451
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 55.1 45.0 67.6





#71
Bromoform
Concen: 53.921 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

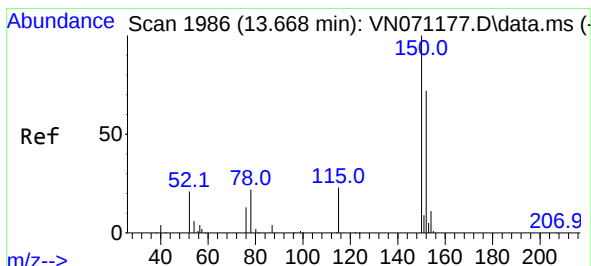
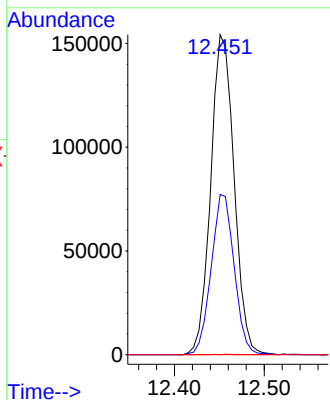
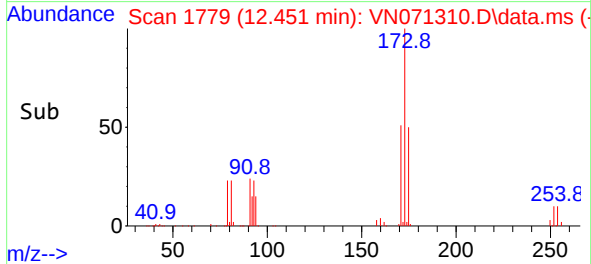
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



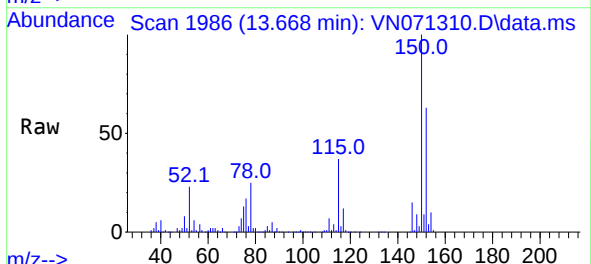
Tgt Ion:173 Resp: 279000
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

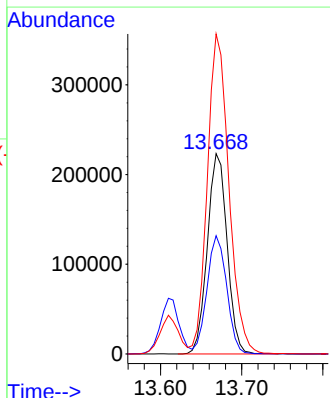
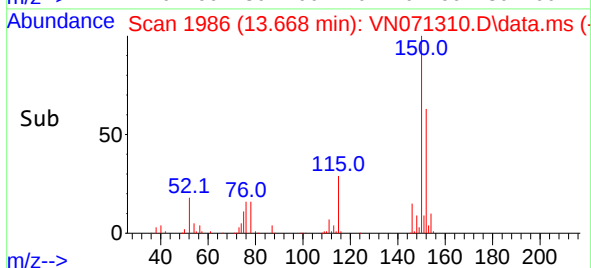
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

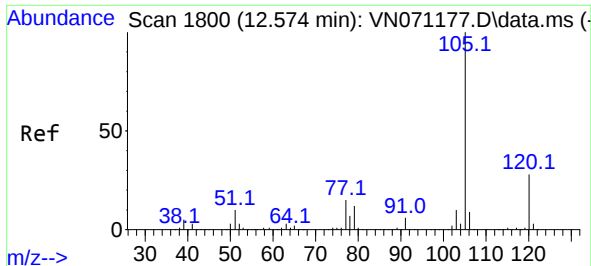


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion:152 Resp: 377657
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 174.7 0.0 344.4





#73
Isopropylbenzene
Concen: 44.790 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

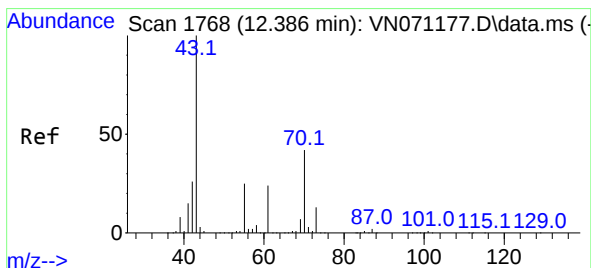
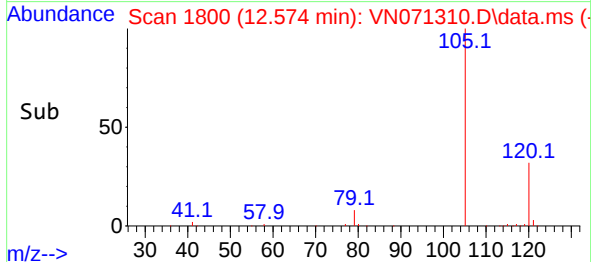
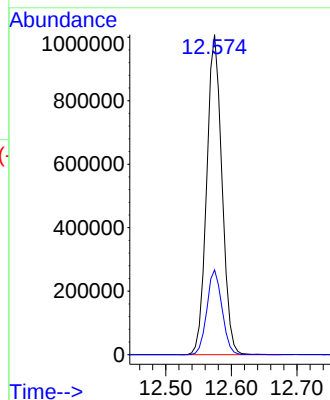
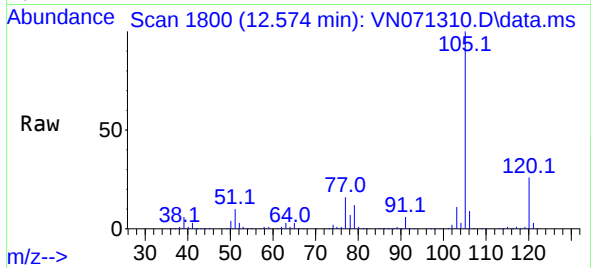
VSTDCCC050

Tgt Ion:105 Resp: 163059
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations

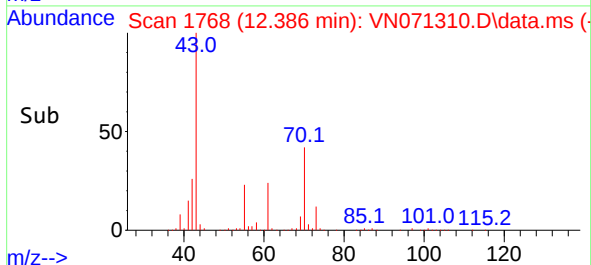
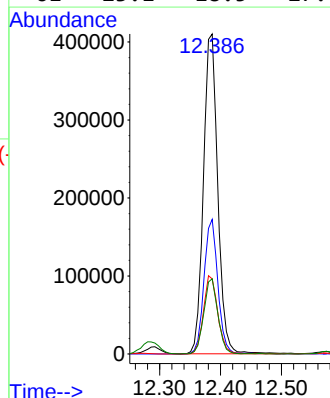
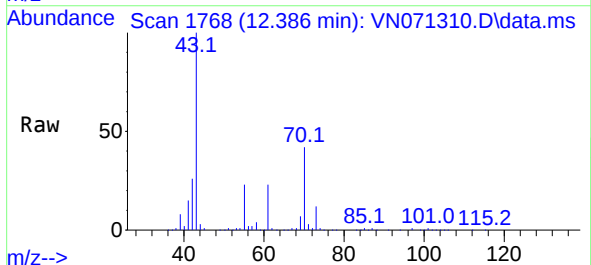
APPROVED

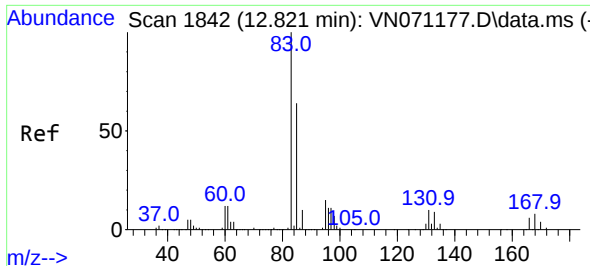
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#74
N-ethyl acetate
Concen: 49.003 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

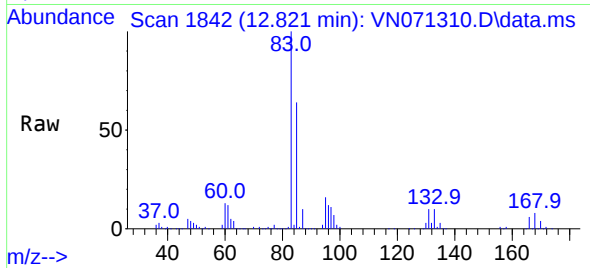
Tgt Ion: 43 Resp: 670768
Ion Ratio Lower Upper
43 100
70 40.9 33.4 50.0
55 24.6 19.3 28.9
61 23.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.485 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

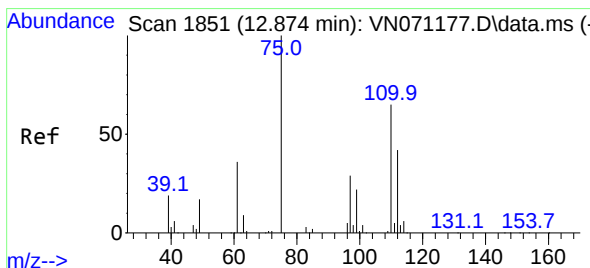
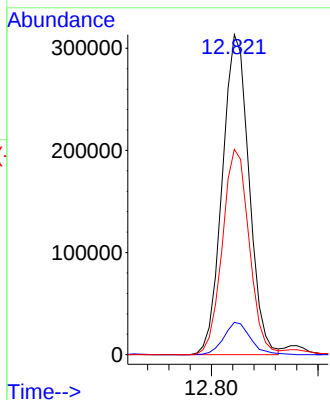
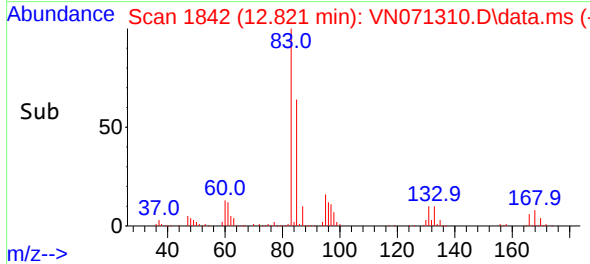
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



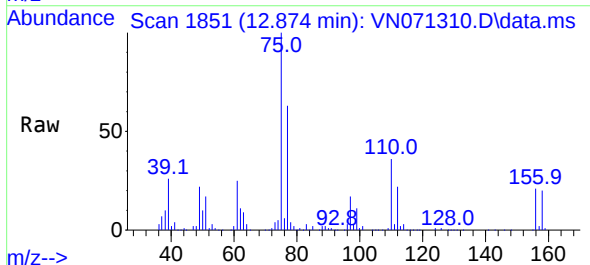
Tgt Ion: 83 Resp: 545900
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

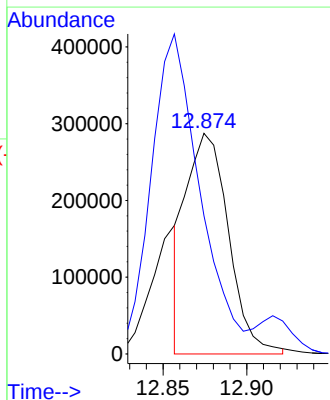
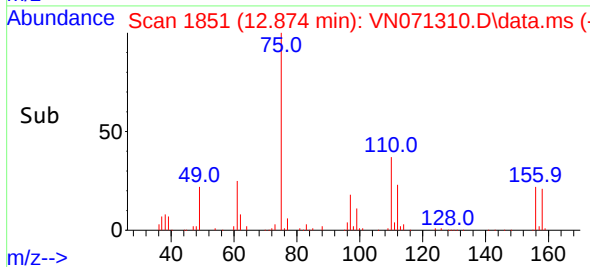
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

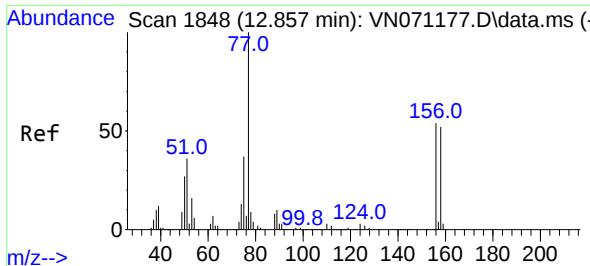


#76
1,2,3-Trichloropropane
Concen: 55.702 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 75 Resp: 506904
Ion Ratio Lower Upper
75 100
77 166.4 82.6 247.8





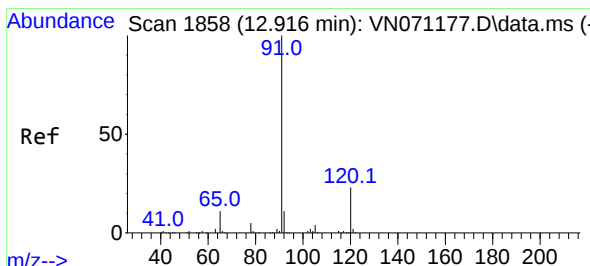
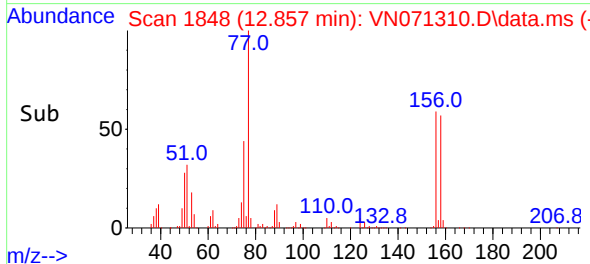
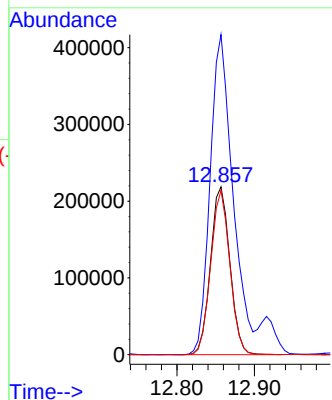
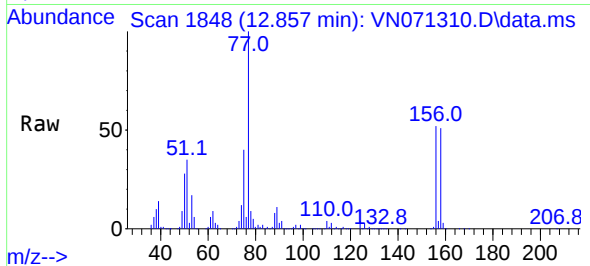
#77
Bromobenzene
Concen: 44.830 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 380569
Ion Ratio Lower Upper
156 100
77 221.6 90.6 271.8
158 96.1 48.9 146.7

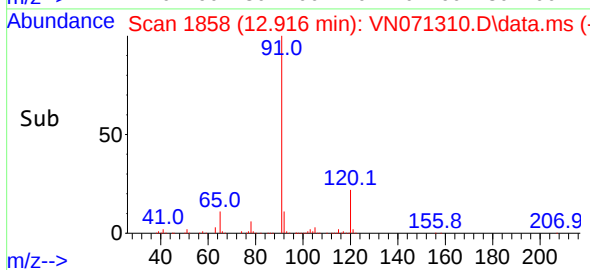
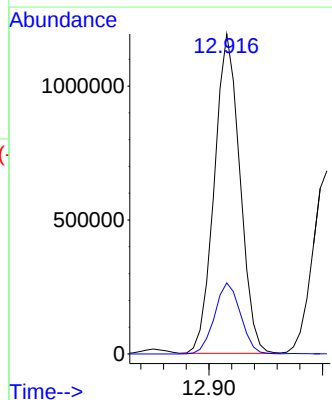
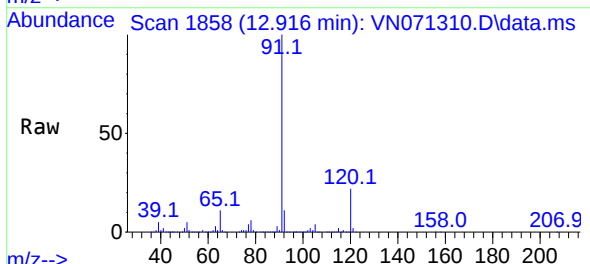
Manual Integrations
APPROVED

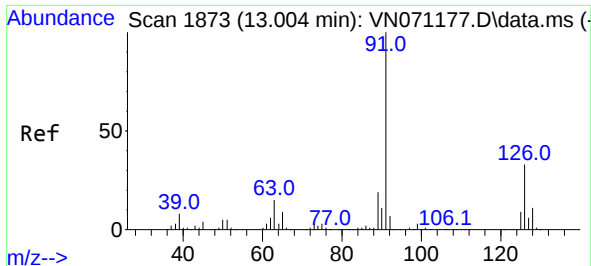
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 47.731 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 91 Resp: 1864661
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





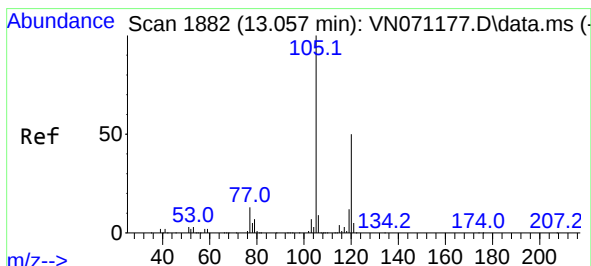
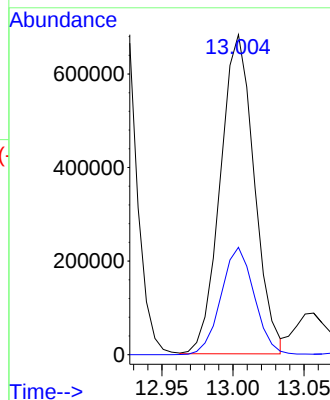
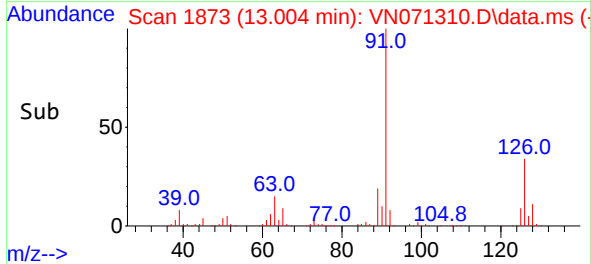
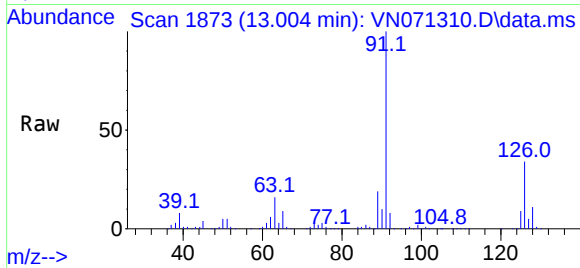
#79
2-Chlorotoluene
Concen: 45.257 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 113491
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

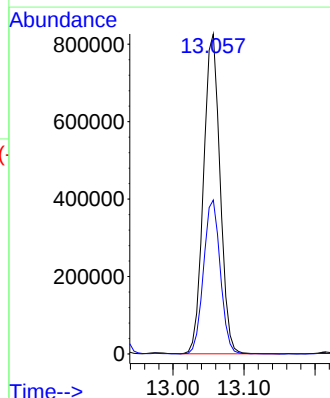
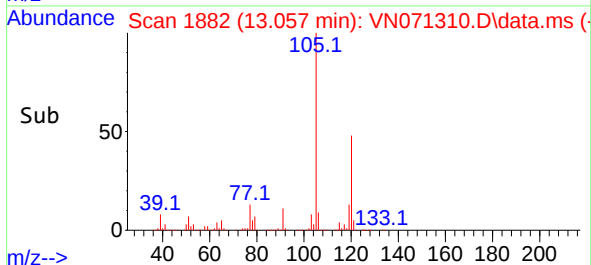
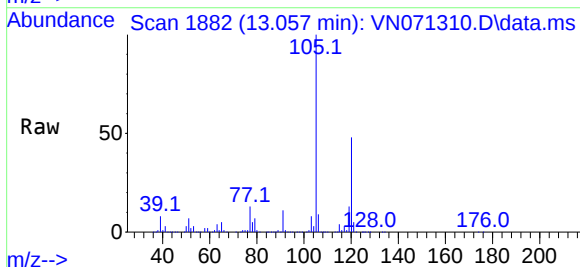
Manual Integrations
APPROVED

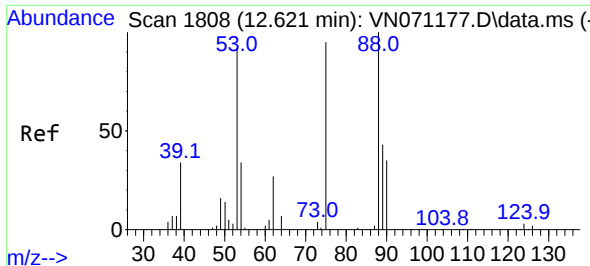
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.316 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

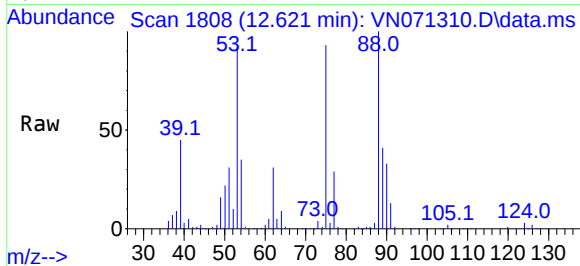
Tgt Ion:105 Resp: 1340164
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.044 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

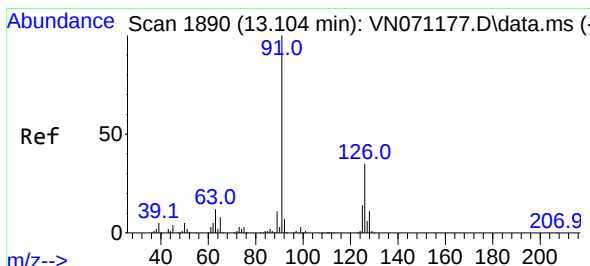
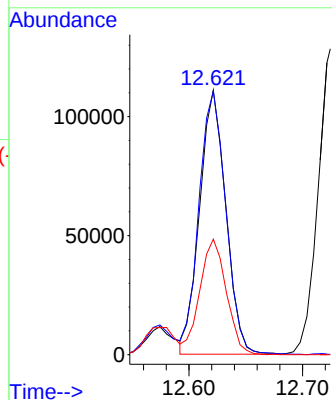
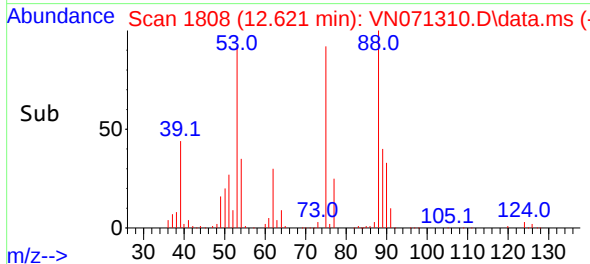
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



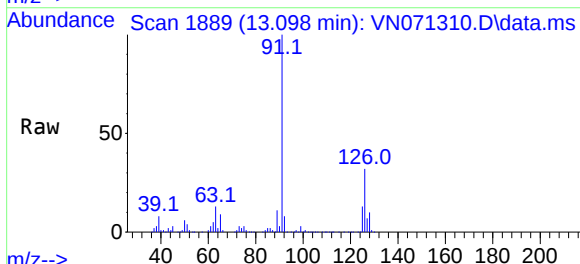
Tgt Ion: 75 Resp: 17832
Ion Ratio Lower Upper
75 100
53 102.5 90.5 135.7
89 44.4 38.2 57.4

Manual Integrations
APPROVED

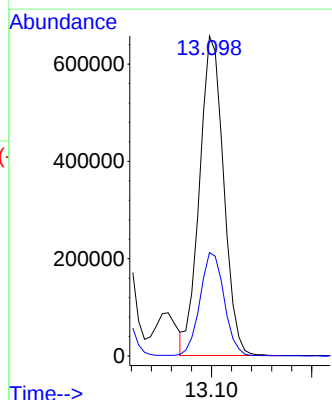
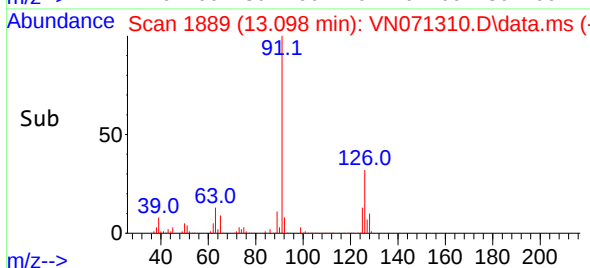
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

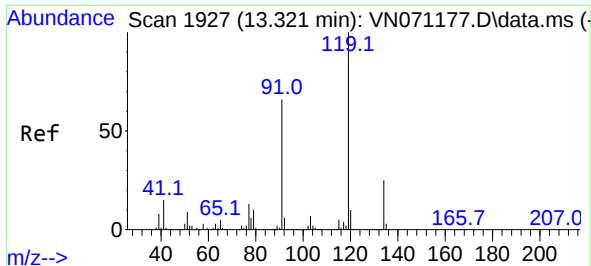


#82
4-Chlorotoluene
Concen: 49.040 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion: 91 Resp: 1095415
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.849 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

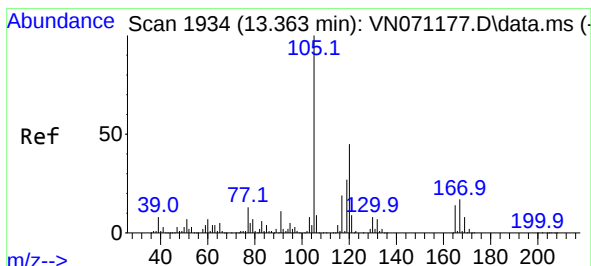
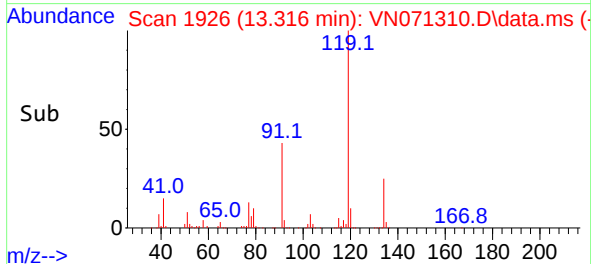
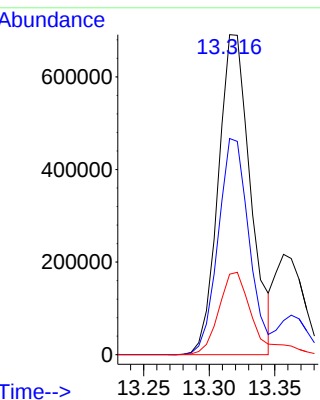
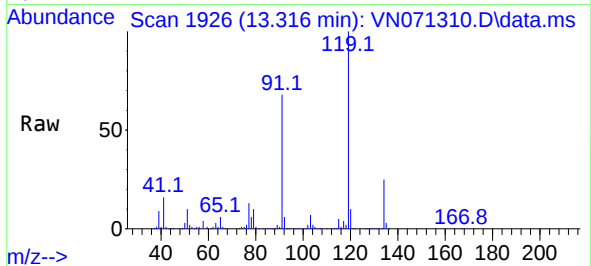
VSTDCCC050

Tgt Ion:119 Resp: 118418
Ion Ratio Lower Upper
119 100
91 64.6 31.5 94.5
134 27.4 12.4 37.4

Manual Integrations

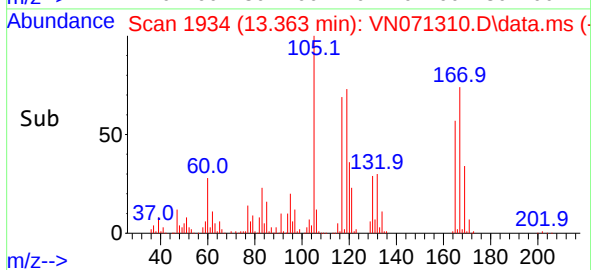
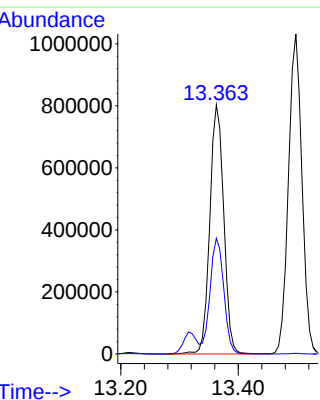
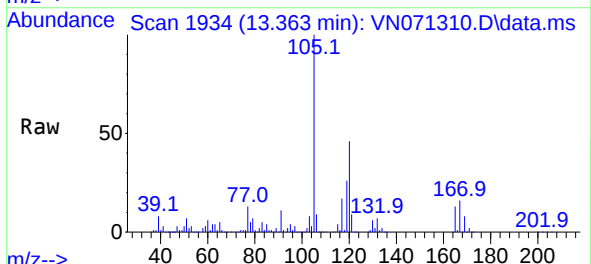
APPROVED

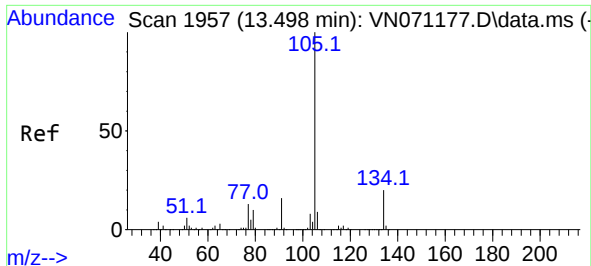
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.794 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion:105 Resp: 1323747
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4





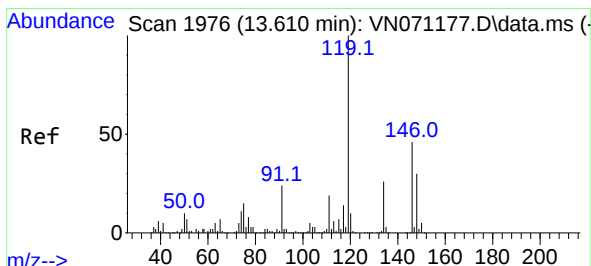
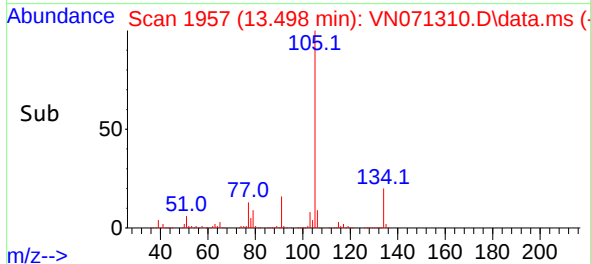
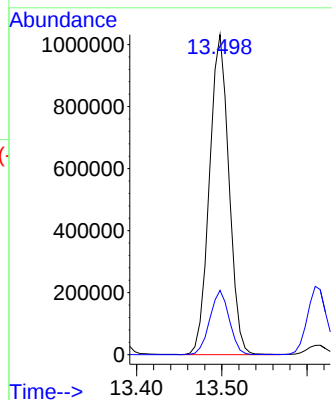
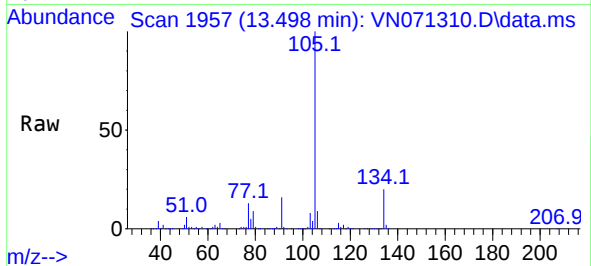
#85
 sec-Butylbenzene
 Concen: 48.800 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1639528
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

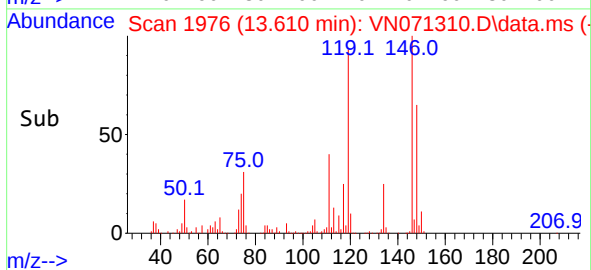
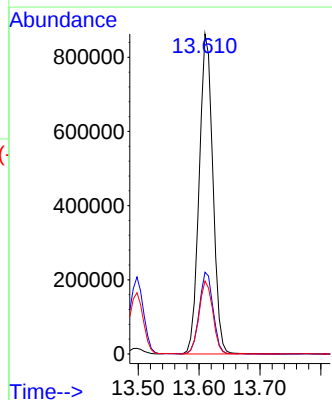
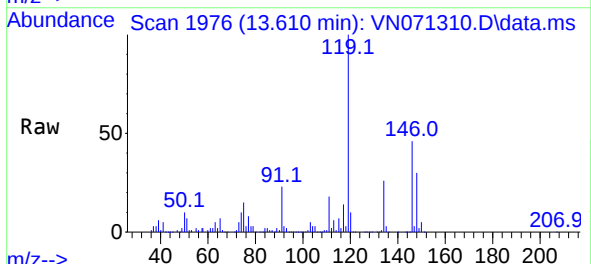
Manual Integrations
 APPROVED

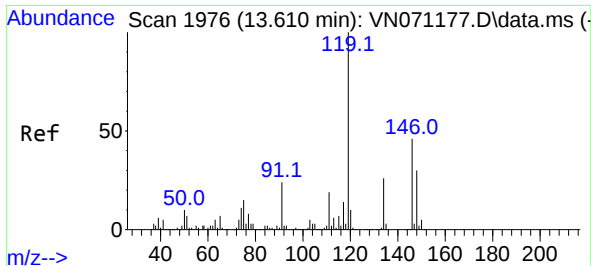
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 51.051 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071310.D
 Acq: 16 Mar 2022 10:24

Tgt Ion:119 Resp: 1348874
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.491 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 655074

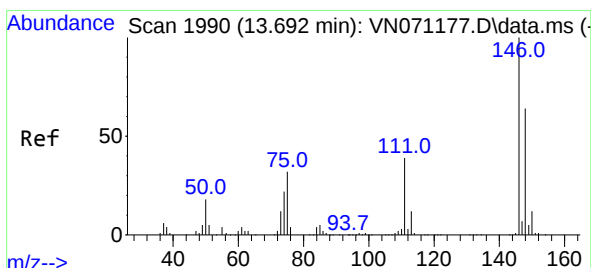
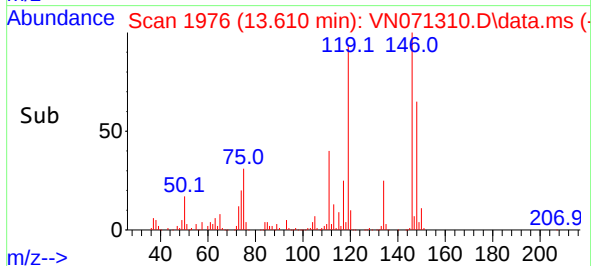
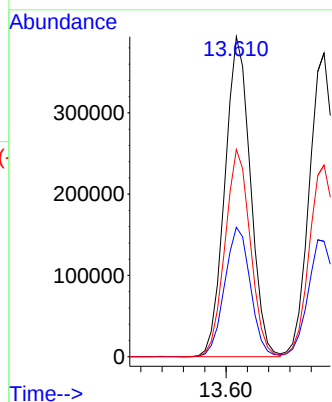
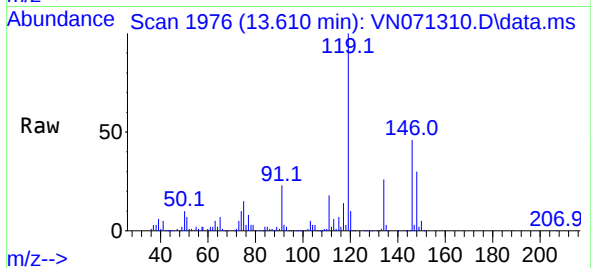
Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.6	55.6
148	64.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#88

1,4-Dichlorobenzene

Concen: 46.771 ug/l

RT: 13.692 min Scan# 1990

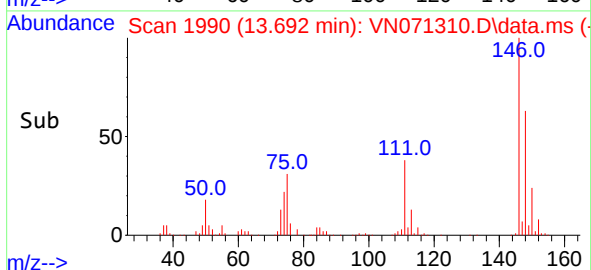
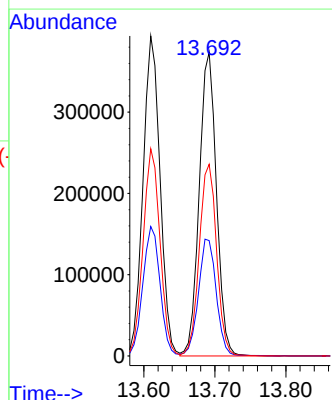
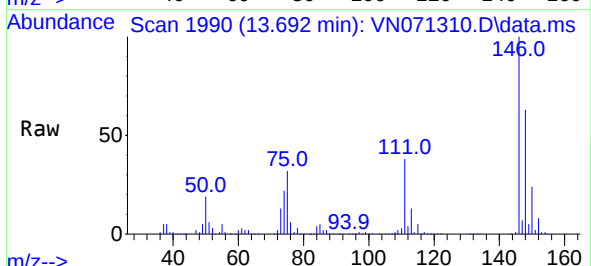
Delta R.T. 0.000 min

Lab File: VN071310.D

Acq: 16 Mar 2022 10:24

Tgt Ion:146 Resp: 630625

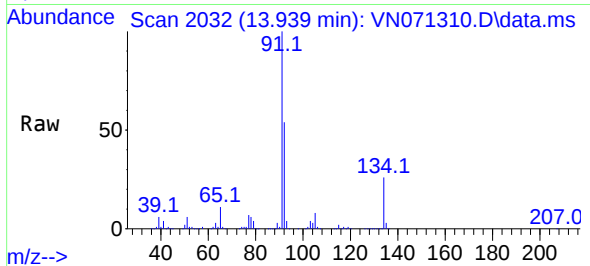
Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.3	54.8
148	64.0	31.8	95.4





#89
n-Butylbenzene
Concen: 50.770 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

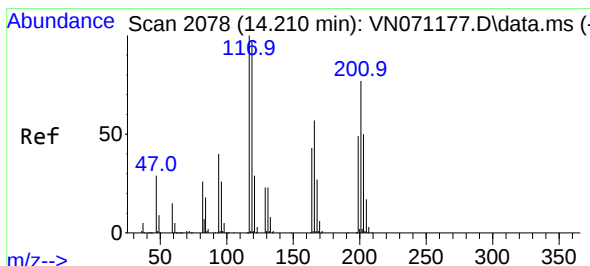
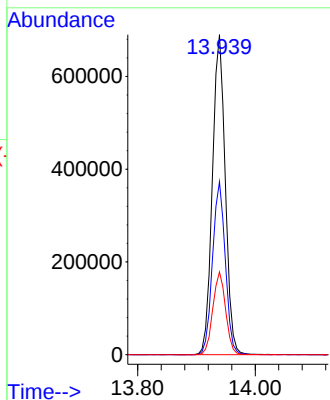
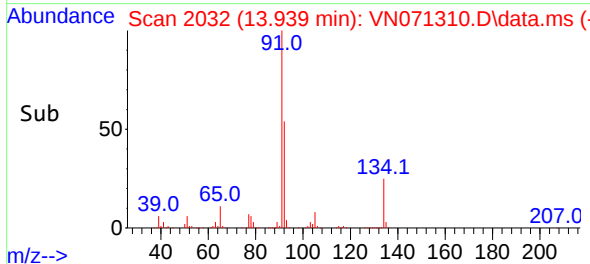
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 104919
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 25.7 13.6 40.8

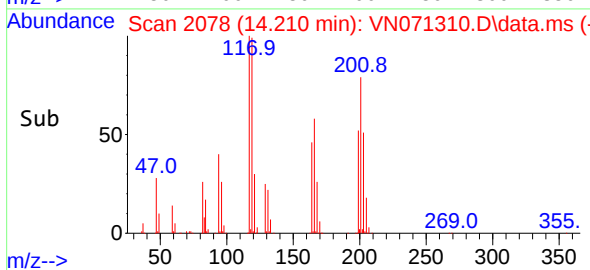
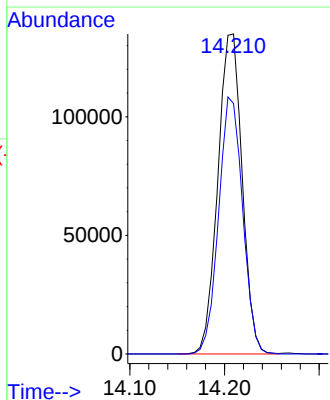
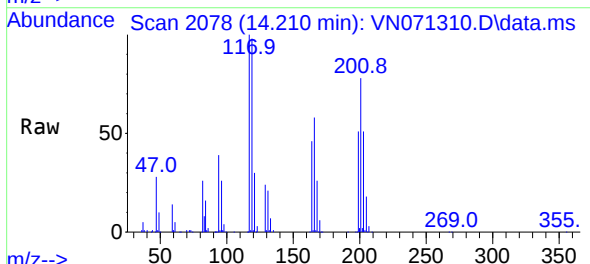
Manual Integrations
APPROVED

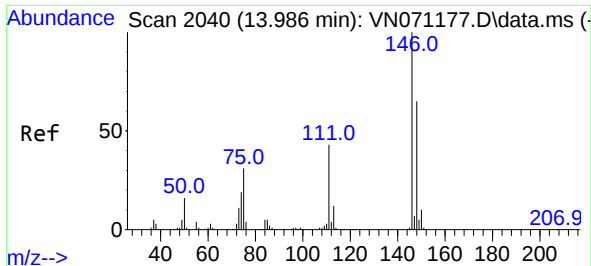
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 45.881 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion:117 Resp: 241076
Ion Ratio Lower Upper
117 100
201 79.3 43.9 131.6





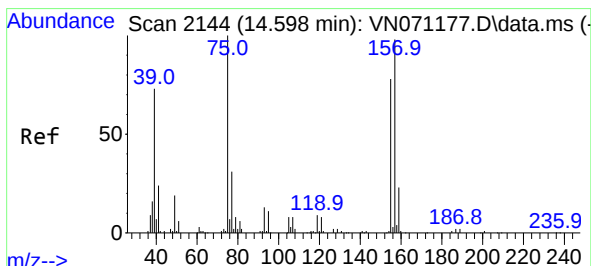
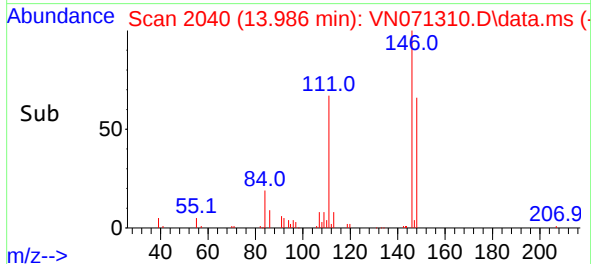
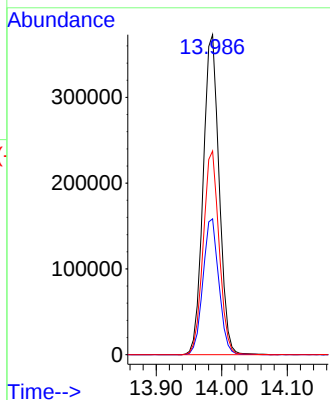
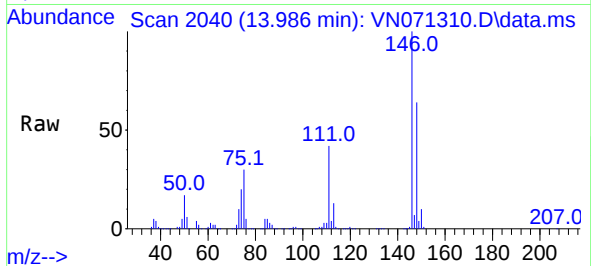
#91
1,2-Dichlorobenzene
Concen: 47.682 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 632320
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 63.5 32.1 96.3

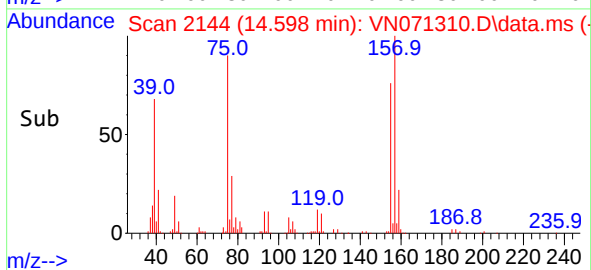
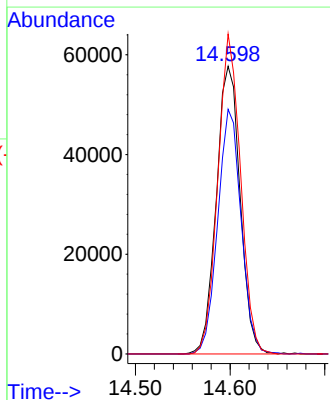
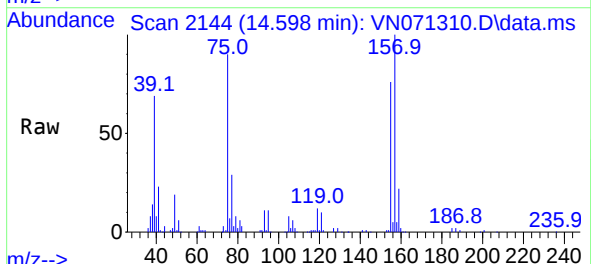
Manual Integrations
APPROVED

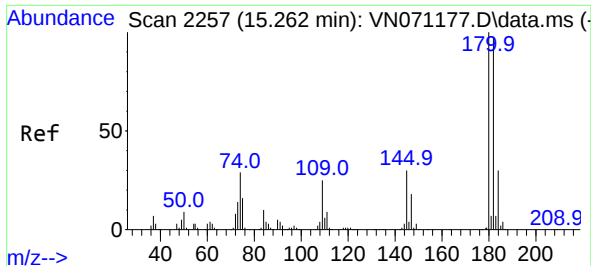
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.571 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Tgt Ion: 75 Resp: 100766
Ion Ratio Lower Upper
75 100
155 83.7 46.9 140.7
157 106.2 60.6 181.7





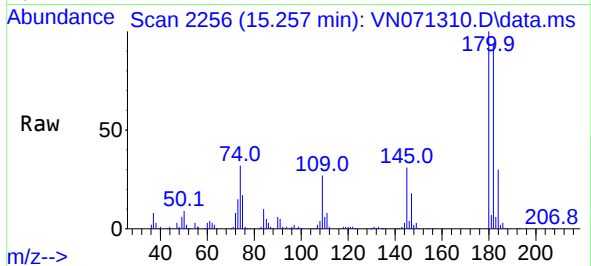
#93
1,2,4-Trichlorobenzene
Concen: 46.937 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



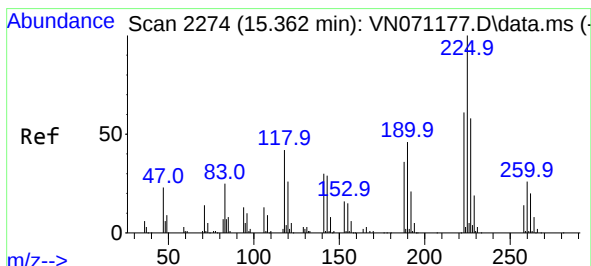
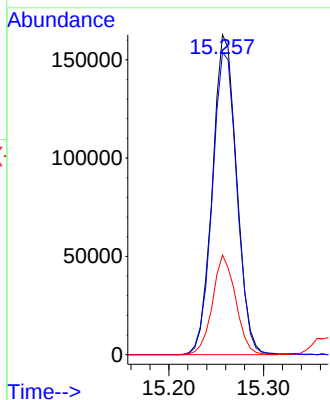
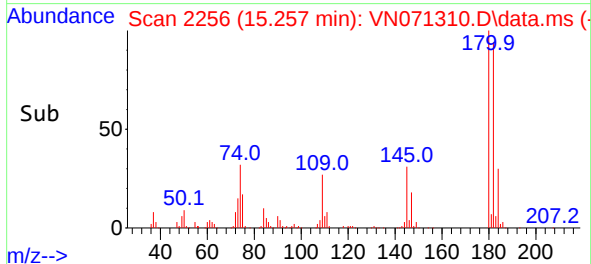
Tgt Ion:180 Resp: 289294
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 29.7 14.5 43.5

Manual Integrations

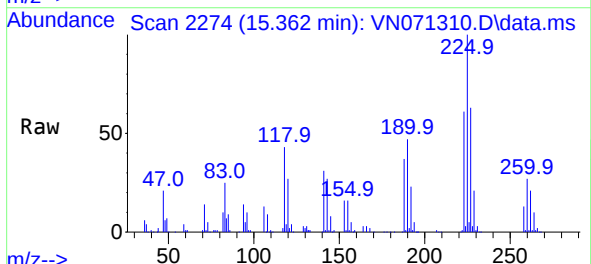
APPROVED

Reviewed By :John Carlone 03/17/2022

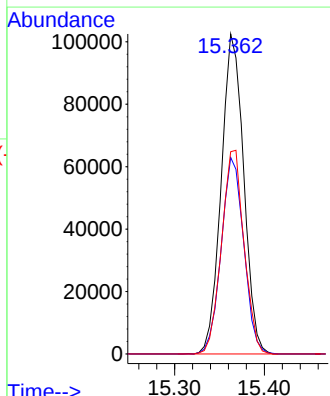
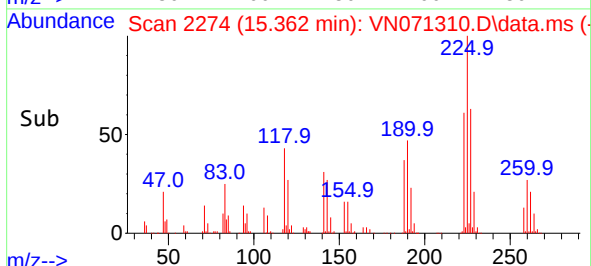
Supervised By :Mahesh Dadoda 03/17/2022



#94
Hexachlorobutadiene
Concen: 47.857 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



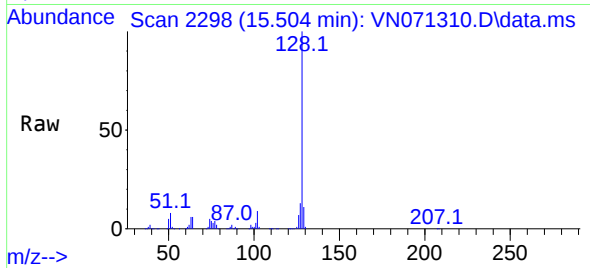
Tgt Ion:225 Resp: 178163
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 48.307 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24

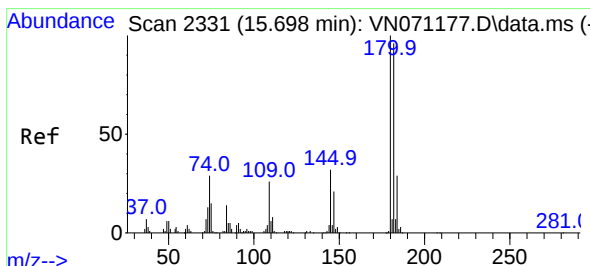
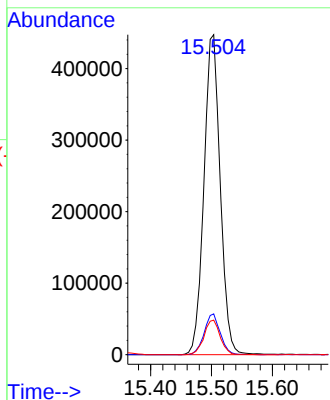
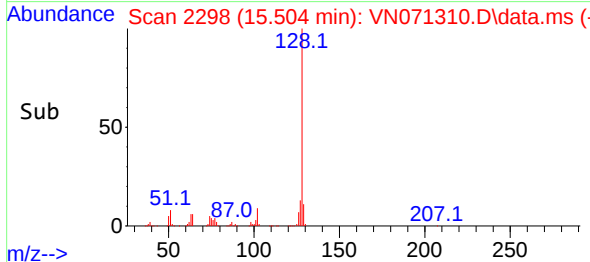
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



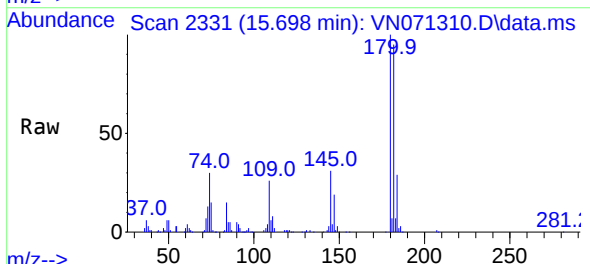
Tgt Ion:128 Resp: 833012
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.153 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071310.D
Acq: 16 Mar 2022 10:24



Tgt Ion:180 Resp: 291144
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 31.4 15.0 45.1

