

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071238.D
 Acq On : 10 Mar 2022 18:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:13:53 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	679758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1126633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1013152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	422845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	429170	46.066	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.140%
35) Dibromofluoromethane	8.016	113	330570	46.497	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.000%
50) Toluene-d8	10.439	98	1317013	46.010	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.727	95	454424	46.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	297108	39.880	ug/l	99
3) Chloromethane	2.299	50	436684	43.657	ug/l	100
4) Vinyl Chloride	2.440	62	386957	42.383	ug/l	97
5) Bromomethane	2.828	94	204832	50.275	ug/l	95
6) Chloroethane	2.999	64	239438	43.305	ug/l	96
7) Trichlorofluoromethane	3.363	101	500020	41.610	ug/l	99
8) Diethyl Ether	3.822	74	221482	43.070	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	288704	41.501	ug/l	95
10) Methyl Iodide	4.416	142	391680	39.863	ug/l	99
11) Tert butyl alcohol	5.357	59	419547	229.240	ug/l	98
12) 1,1-Dichloroethene	4.181	96	290656	42.651	ug/l	96
13) Acrolein	4.034	56	368413	190.185	ug/l	100
14) Allyl chloride	4.840	41	643041	43.384	ug/l	86
15) Acrylonitrile	5.545	53	1195045	219.907	ug/l	99
16) Acetone	4.275	43	1006311	221.995	ug/l	99
17) Carbon Disulfide	4.528	76	776832	40.040	ug/l	97
18) Methyl Acetate	4.846	43	594296	48.827	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1142711	44.661	ug/l	95
20) Methylene Chloride	5.093	84	356593	43.095	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	313868	42.107	ug/l	89
22) Diisopropyl ether	6.492	45	1289736	44.168	ug/l	91
23) Vinyl Acetate	6.428	43	5631318	227.796	ug/l	99
24) 1,1-Dichloroethane	6.381	63	665193	43.110	ug/l	100
25) 2-Butanone	7.328	43	1661189	227.492	ug/l	94
26) 2,2-Dichloropropane	7.322	77	515468	43.302	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	379966	42.949	ug/l	90
28) Bromochloromethane	7.657	49	271577	39.523	ug/l	83
29) Tetrahydrofuran	7.681	42	1120272	221.451	ug/l	92
30) Chloroform	7.816	83	637858	43.342	ug/l	99
31) Cyclohexane	8.092	56	613243	41.220	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	558011	44.513	ug/l	99
36) 1,1-Dichloropropene	8.216	75	476369	41.820	ug/l	97
37) Ethyl Acetate	7.404	43	661784	42.215	ug/l	97
38) Carbon Tetrachloride	8.204	117	470027	42.660	ug/l	99
39) Methylcyclohexane	9.457	83	574729	42.889	ug/l	93
40) Benzene	8.457	78	1460237	42.548	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	320037	41.716	ug/l	92
42) 1,2-Dichloroethane	8.528	62	527165	44.141	ug/l	100
43) Isopropyl Acetate	8.557	43	1229163	52.432	ug/l #	90
44) Trichloroethene	9.216	130	349638	43.177	ug/l	99
45) 1,2-Dichloropropane	9.486	63	394314	42.800	ug/l	99
46) Dibromomethane	9.575	93	248137	43.760	ug/l	96
47) Bromodichloromethane	9.757	83	501160	43.733	ug/l	99
48) Methyl methacrylate	9.557	41	492502	45.333	ug/l #	83
49) 1,4-Dioxane	9.563	88	172461	913.270	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	3291841	226.261	ug/l	99
52) Toluene	10.504	92	915828	43.336	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	567208	44.902	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	617722	44.754	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	360014	42.513	ug/l	98
56) Ethyl methacrylate	10.757	69	639122	46.214	ug/l	92
57) 1,3-Dichloropropane	11.039	76	649537	42.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	1046200	347.806	ug/l	94
59) 2-Hexanone	11.080	43	2435064	245.301	ug/l	99
60) Dibromochloromethane	11.233	129	380362	45.205	ug/l	100
61) 1,2-Dibromoethane	11.339	107	373335	43.135	ug/l	100
64) Tetrachloroethene	10.975	164	295398	41.805	ug/l	96
65) Chlorobenzene	11.769	112	949830	43.654	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	356006	44.623	ug/l	100
67) Ethyl Benzene	11.839	91	1762237	45.807	ug/l	97
68) m/p-Xylenes	11.951	106	1320404	93.821	ug/l	98
69) o-Xylene	12.274	106	664164	47.079	ug/l	98
70) Styrene	12.292	104	1080576	49.483	ug/l	97
71) Bromoform	12.457	173	293386	48.424	ug/l #	100
73) Isopropylbenzene	12.574	105	1707502	41.890	ug/l	99
74) N-amyl acetate	12.380	43	733004	47.827	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	585853	48.278	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	592398m	58.271	ug/l	
77) Bromobenzene	12.857	156	397743	41.846	ug/l	80
78) n-propylbenzene	12.916	91	1906379	43.584	ug/l	97
79) 2-Chlorotoluene	13.004	91	1222405	43.536	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1391351	43.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	190592	48.725	ug/l	90
82) 4-Chlorotoluene	13.098	91	1140704	45.610	ug/l	94
83) tert-Butylbenzene	13.316	119	1242625	43.907	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1358367	44.719	ug/l	100
85) sec-Butylbenzene	13.498	105	1680081	44.663	ug/l	99
86) p-Isopropyltoluene	13.610	119	1368617	46.263	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	672820	43.565	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	650268	43.074	ug/l	99
89) n-Butylbenzene	13.939	91	1064417	46.002	ug/l	96
90) Hexachloroethane	14.204	117	247376	42.049	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	655144	44.124	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	112657	47.501	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	306877	44.626	ug/l	99
94) Hexachlorobutadiene	15.363	225	172846	41.467	ug/l	99
95) Naphthalene	15.498	128	1004315	51.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	317371	47.927	ug/l	99

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ClientSampleId :
VSTDCCC050EC

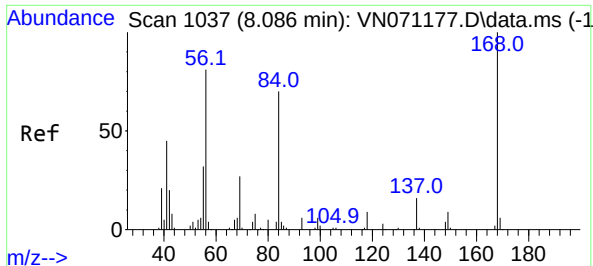
Manual Integrations
APPROVED

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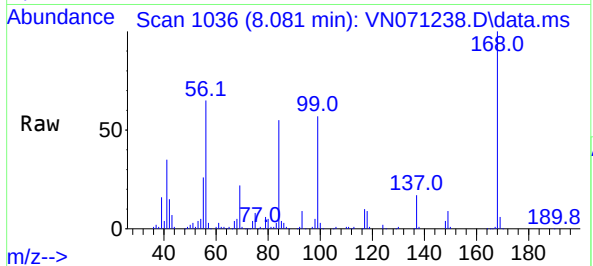
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
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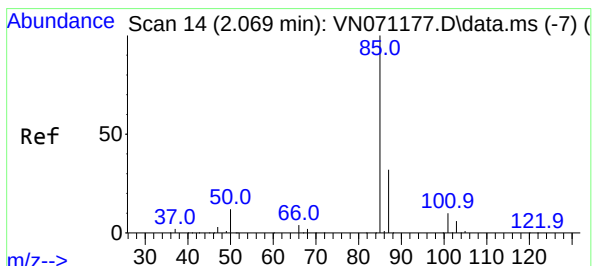
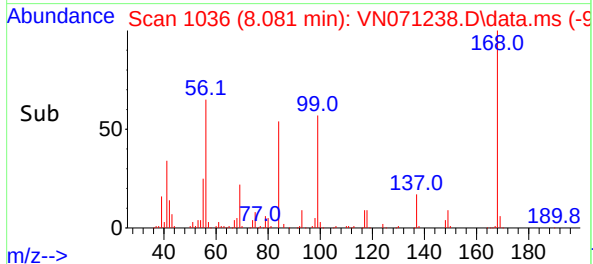
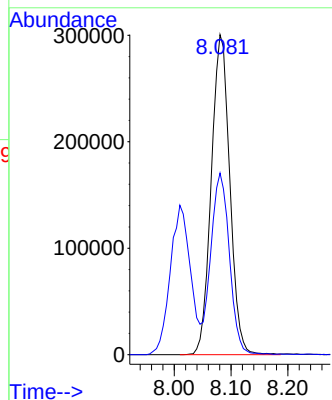
Instrument :
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Tgt Ion:168 Resp: 679758
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9

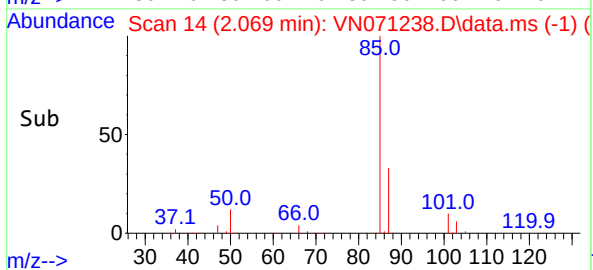
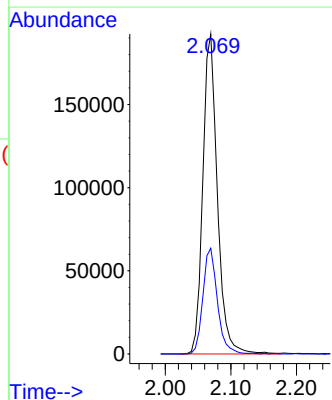
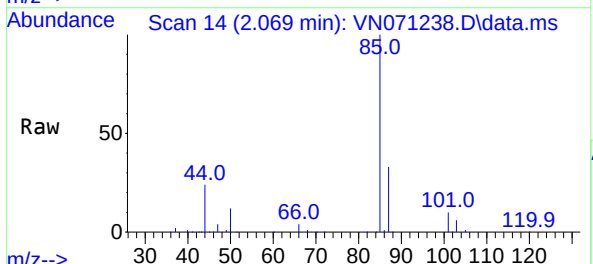
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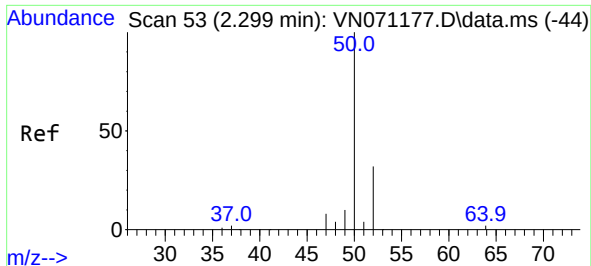
Reviewed By :John Carlone 03/11/2022
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#2
Dichlorodifluoromethane
Concen: 39.880 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

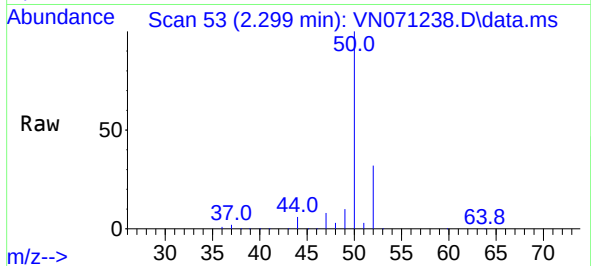
Tgt Ion: 85 Resp: 297108
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





#3
Chloromethane
Concen: 43.657 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

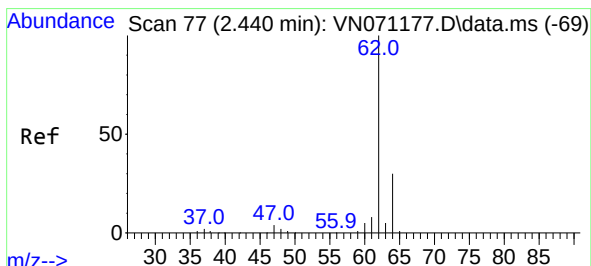
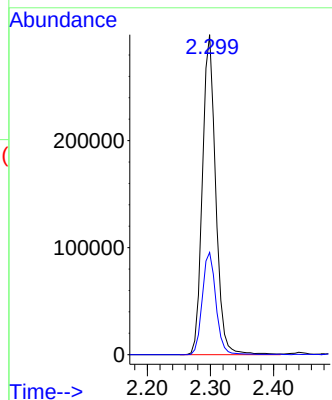
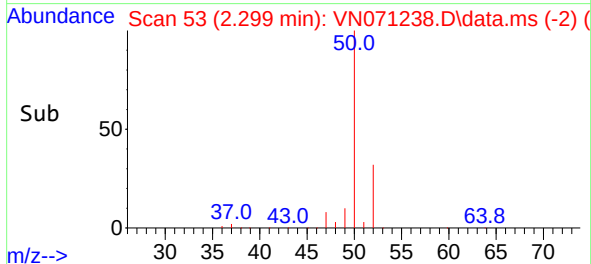
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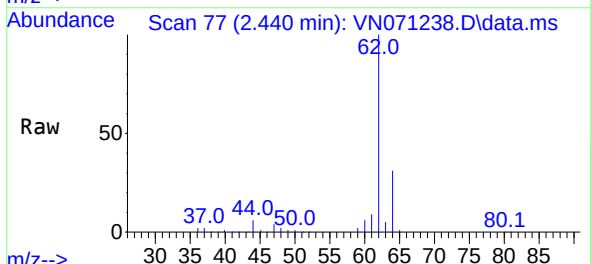
Tgt Ion: 50 Resp: 436684
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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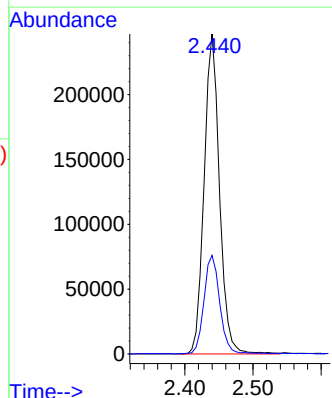
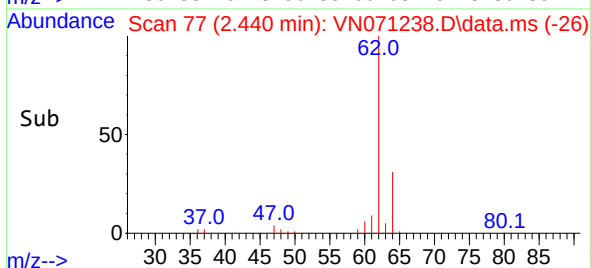
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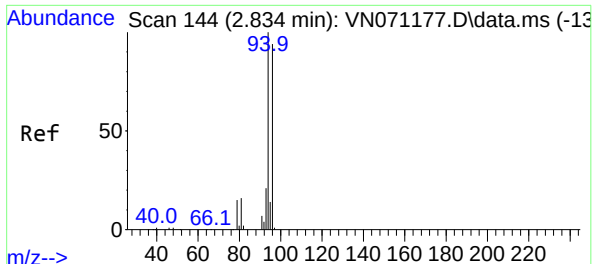


#4
Vinyl Chloride
Concen: 42.383 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



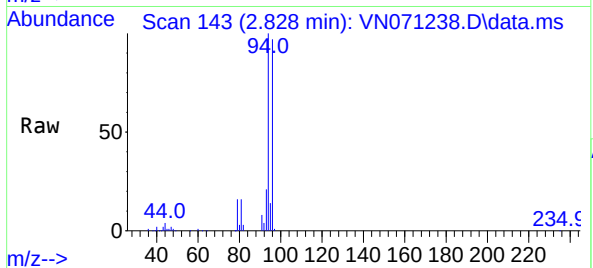
Tgt Ion: 62 Resp: 386957
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 50.275 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071238.D
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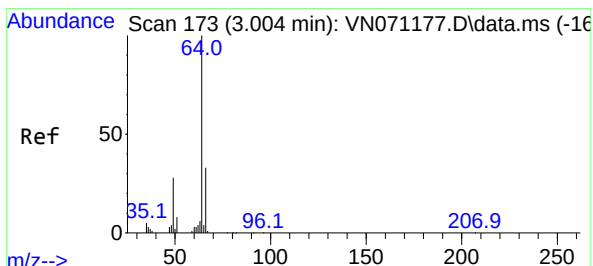
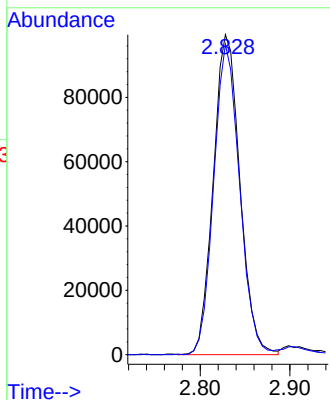
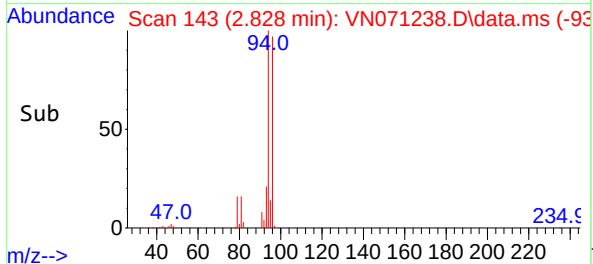
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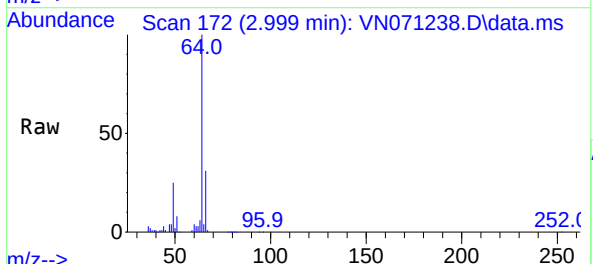
Tgt Ion: 94 Resp: 204832
Ion Ratio Lower Upper
94 100
96 96.8 73.8 110.8

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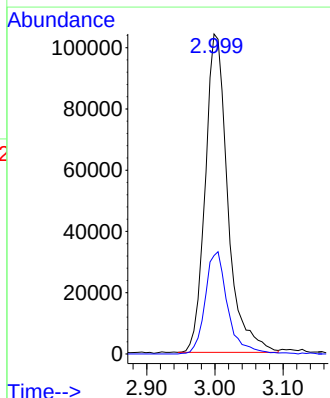
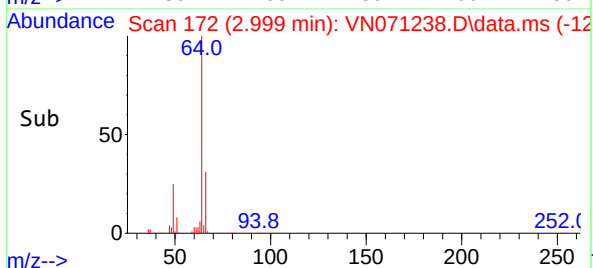
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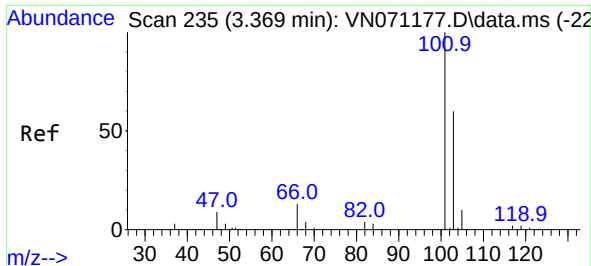


#6
Chloroethane
Concen: 43.305 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
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Tgt Ion: 64 Resp: 239438
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





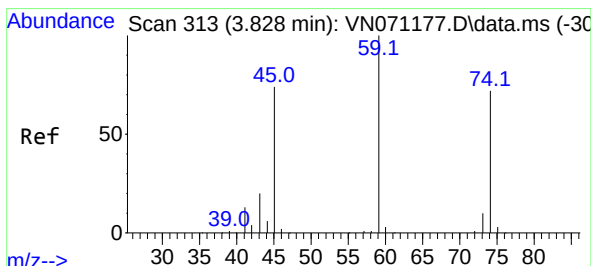
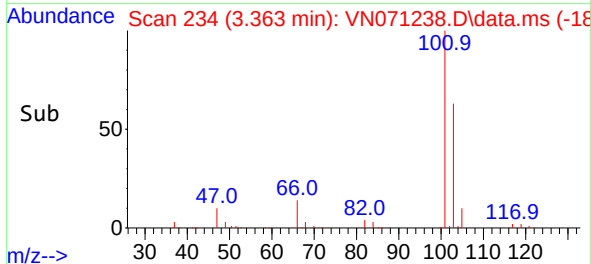
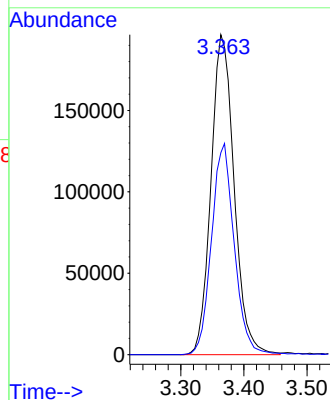
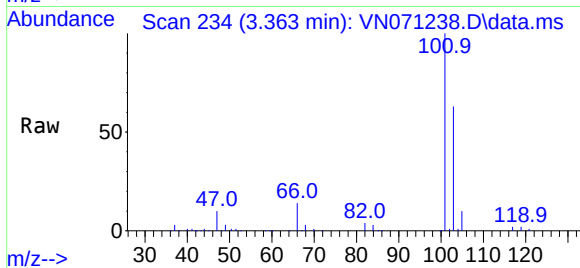
#7
Trichlorofluoromethane
Concen: 41.610 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071238.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 500020
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

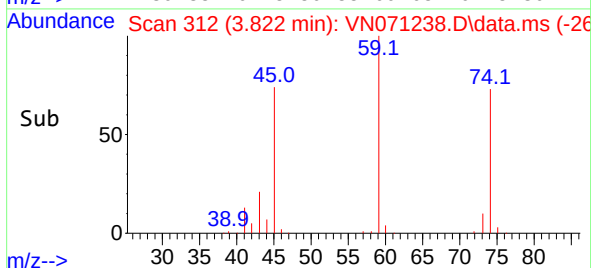
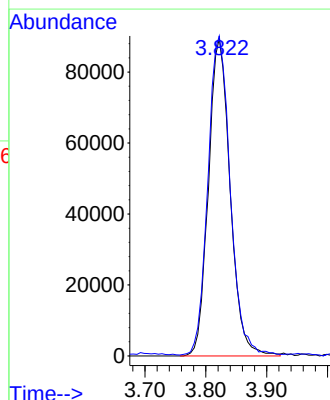
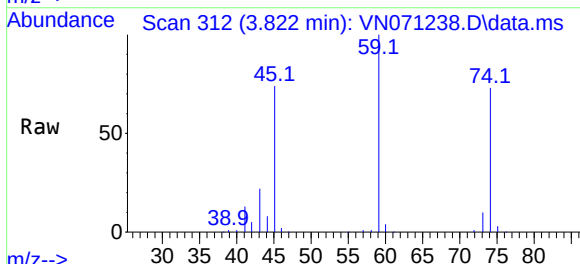
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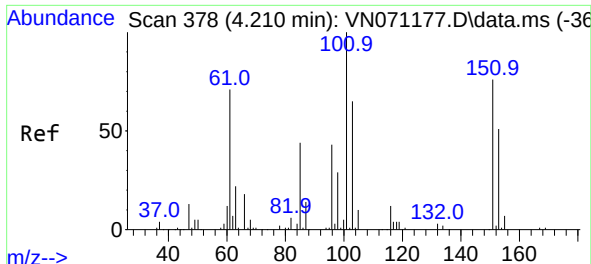
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#8
Diethyl Ether
Concen: 43.070 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 74 Resp: 221482
Ion Ratio Lower Upper
74 100
45 103.6 47.0 141.2





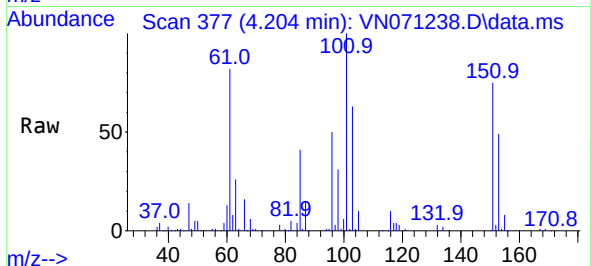
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.501 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
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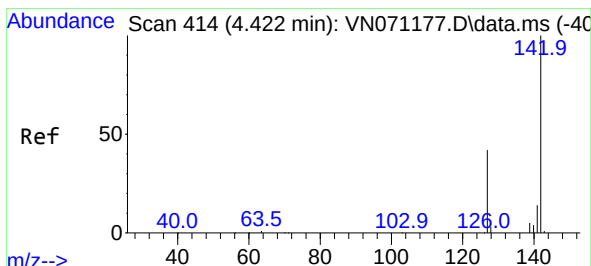
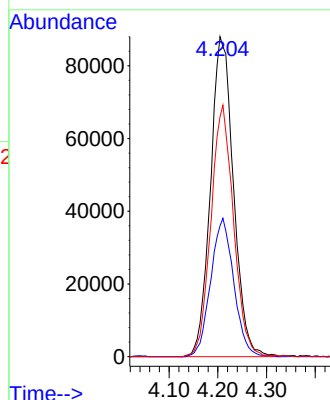
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Ion Ratio Lower Upper
101 100
85 43.5 37.2 55.8
151 77.2 65.9 98.9

Manual Integrations

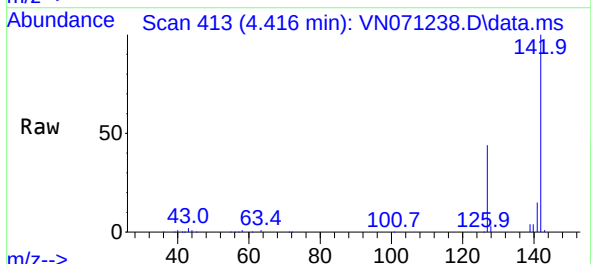
APPROVED

Reviewed By :John Carlone 03/11/2022

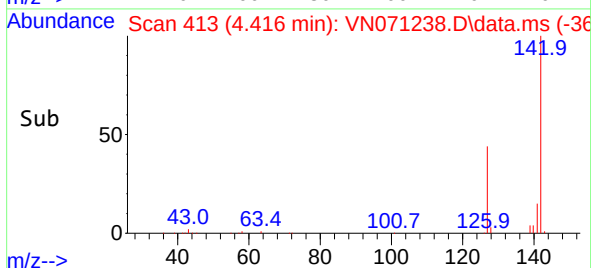
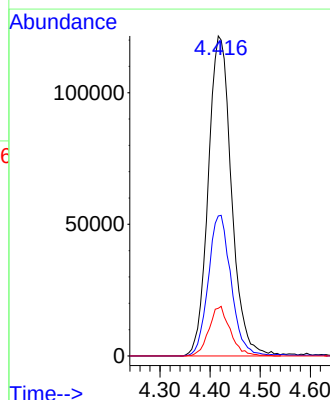
Supervised By :Mahesh Dadoda 03/15/2022

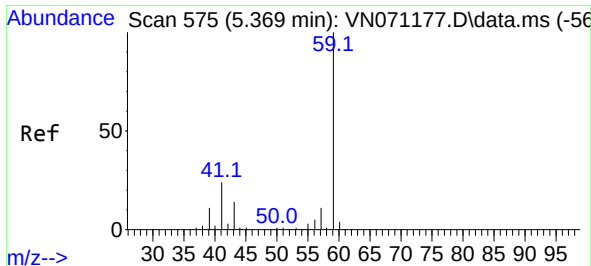


#10
Methyl Iodide
Concen: 39.863 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



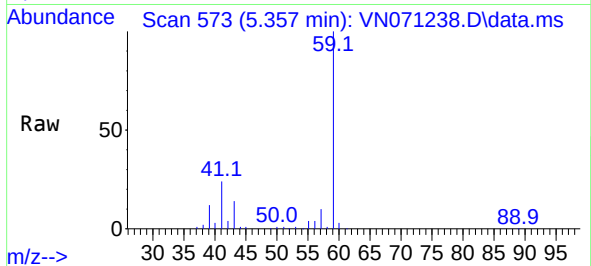
Tgt Ion:142 Resp: 391680
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 229.240 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

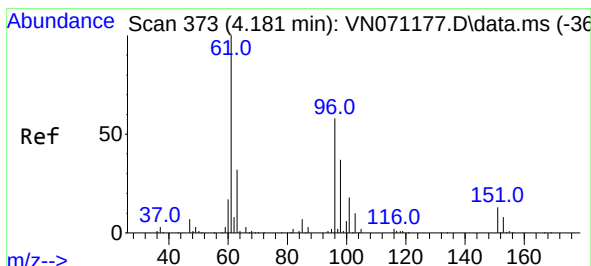
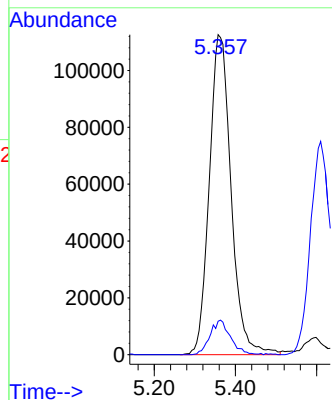
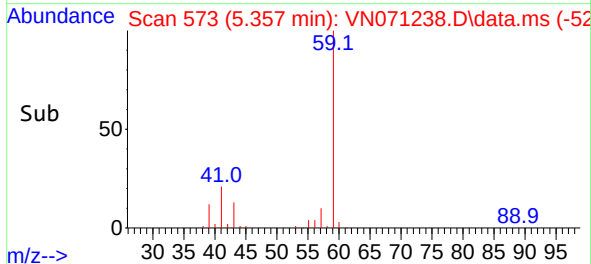
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



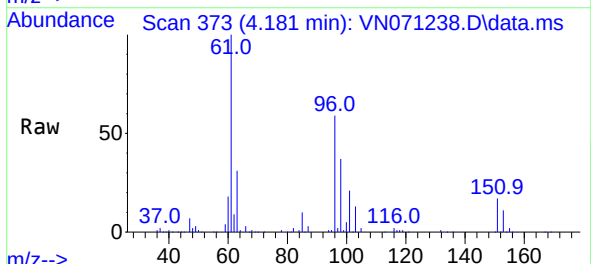
Tgt Ion: 59 Resp: 41954
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

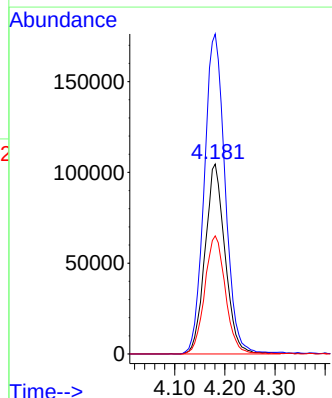
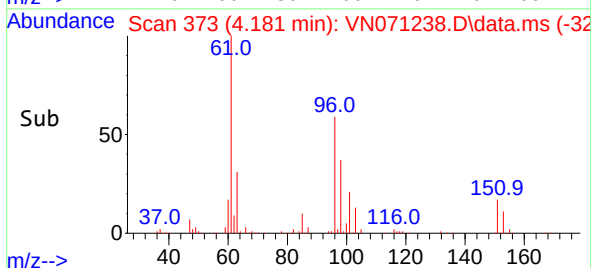
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

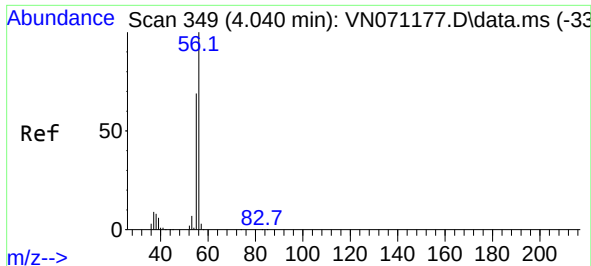


#12
1,1-Dichloroethene
Concen: 42.651 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 96 Resp: 290656
Ion Ratio Lower Upper
96 100
61 168.5 131.0 196.6
98 62.2 52.4 78.6





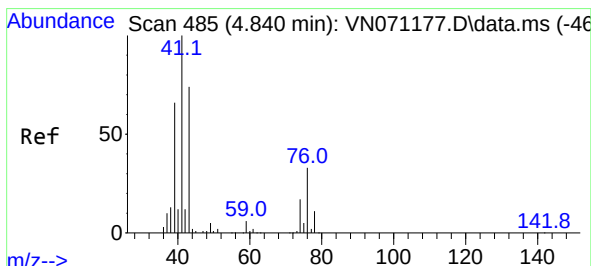
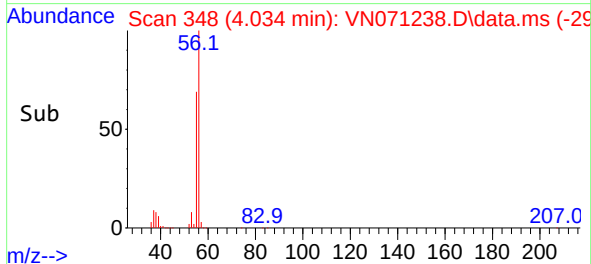
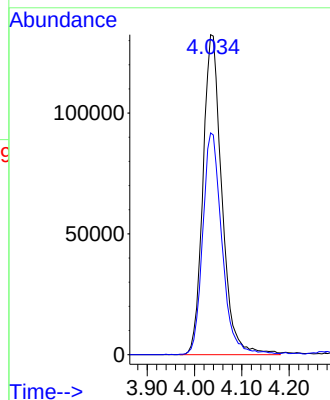
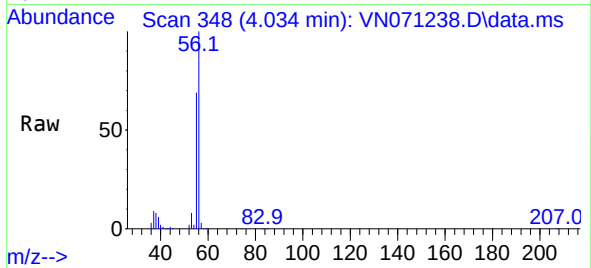
#13
Acrolein
Concen: 190.185 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 36841
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

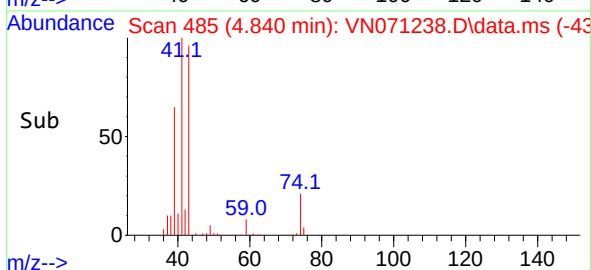
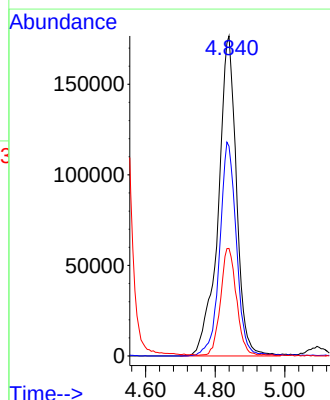
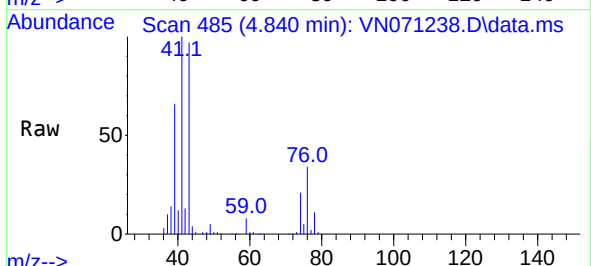
Manual Integrations
APPROVED

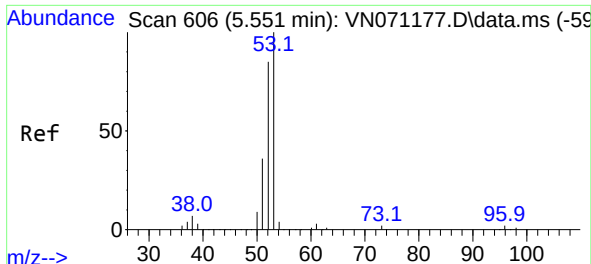
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#14
Allyl chloride
Concen: 43.384 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

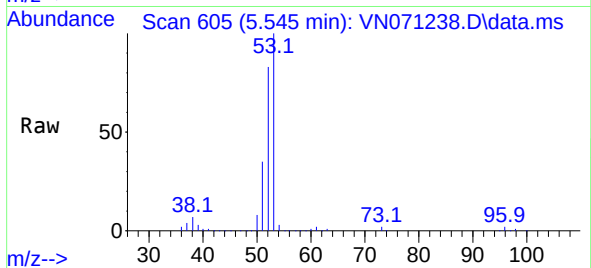
Tgt Ion: 41 Resp: 643041
Ion Ratio Lower Upper
41 100
39 61.2 61.2 91.8
76 28.9 26.0 39.0





#15
Acrylonitrile
Concen: 219.907 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

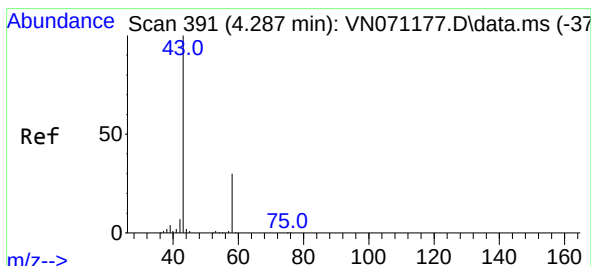
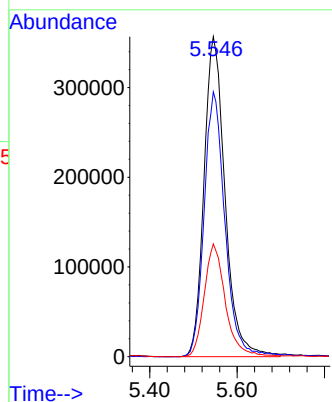
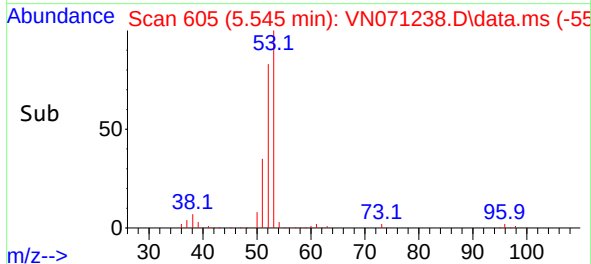
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1195049
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.2
51 35.5 29.6 44.4

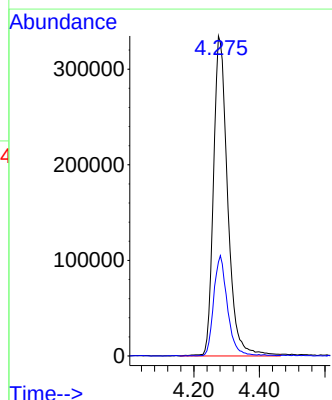
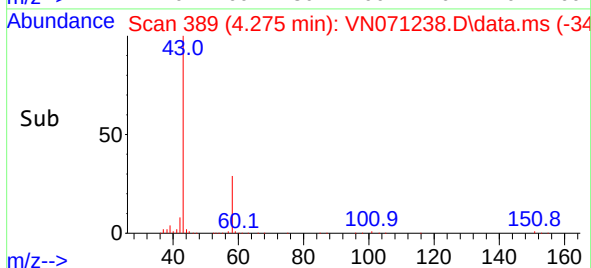
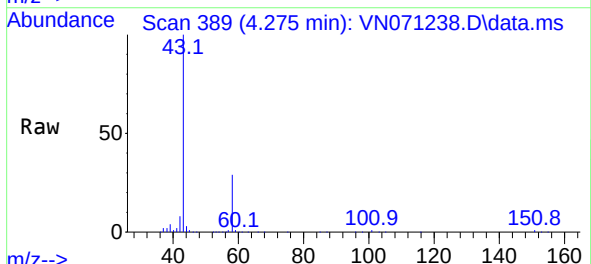
Manual Integrations
APPROVED

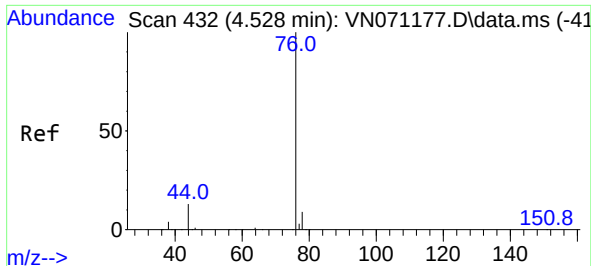
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 221.995 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

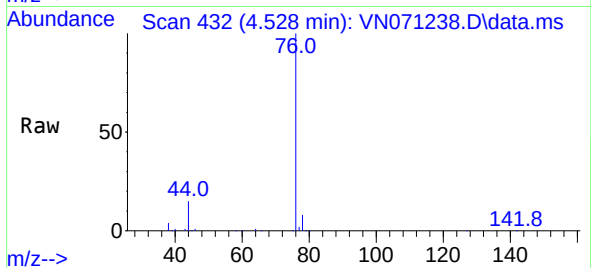
Tgt Ion: 43 Resp: 1006311
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7





#17
Carbon Disulfide
Concen: 40.040 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

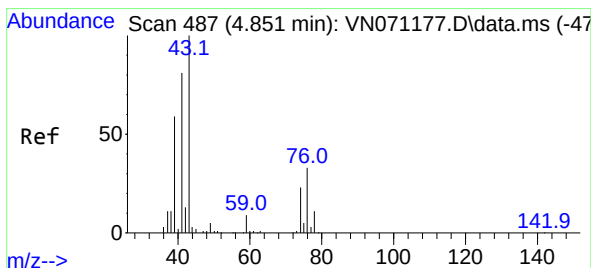
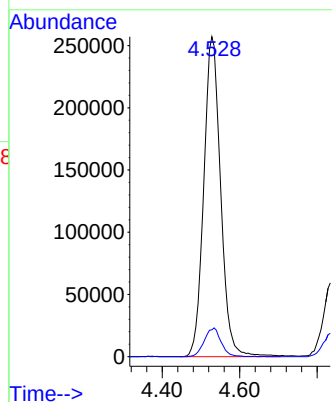
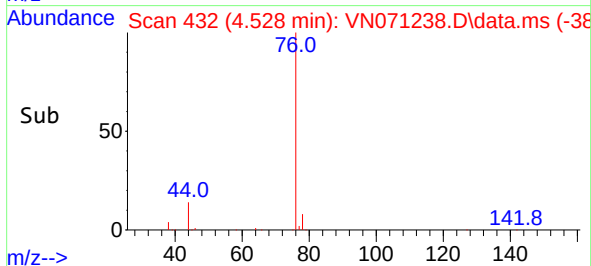
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



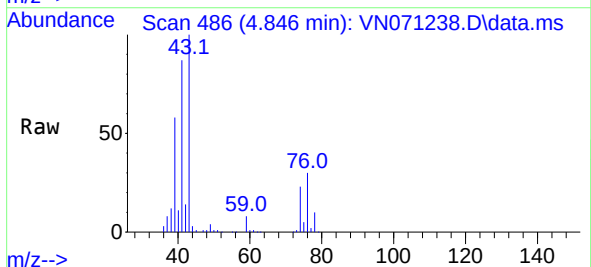
Tgt Ion: 76 Resp: 776832
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

Manual Integrations
APPROVED

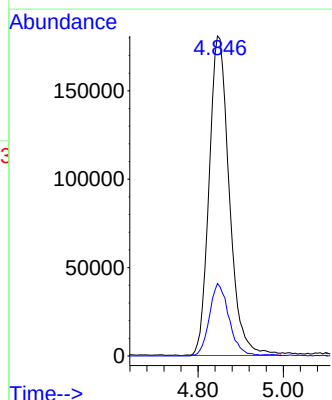
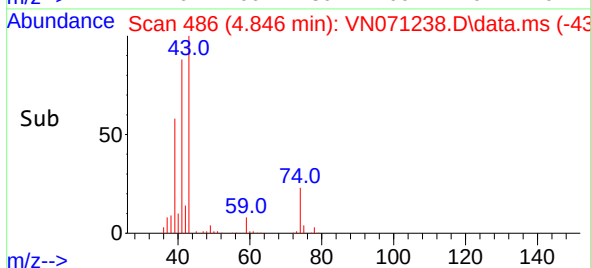
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

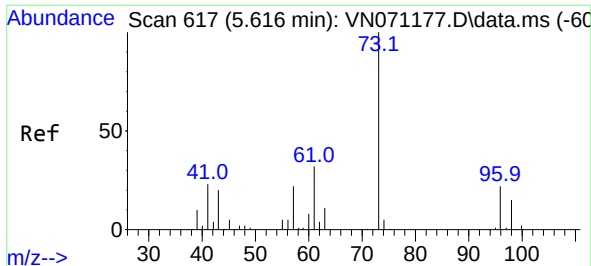


#18
Methyl Acetate
Concen: 48.827 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 43 Resp: 594296
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 44.661 ug/l

RT: 5.610 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN071238.D

Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 114271

Ion Ratio Lower Upper

73 100

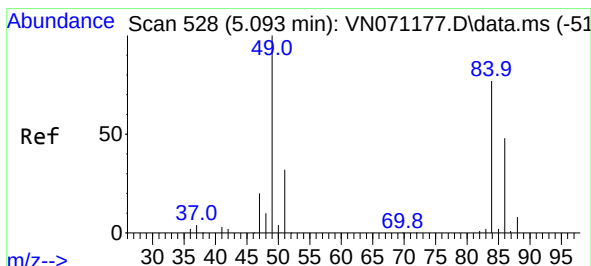
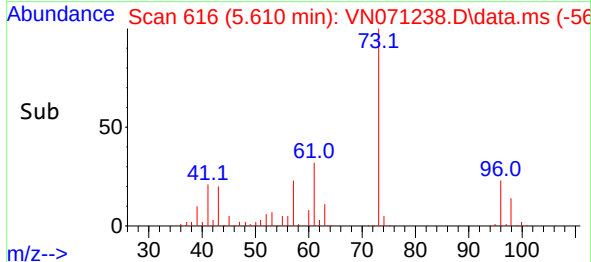
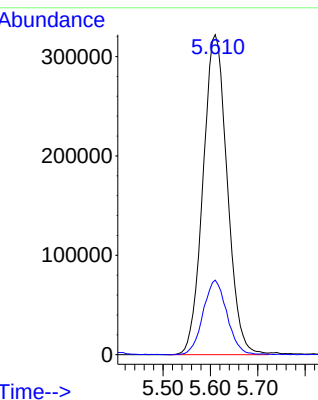
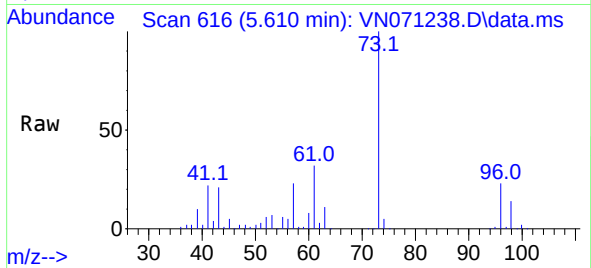
57 23.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2022

Supervised By :Mahesh Dadoda 03/15/2022



#20

Methylene Chloride

Concen: 43.095 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071238.D

Acq: 10 Mar 2022 18:34

Tgt Ion: 84 Resp: 356593

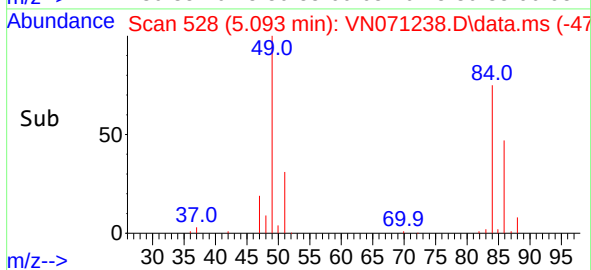
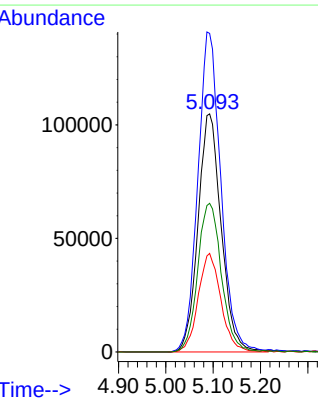
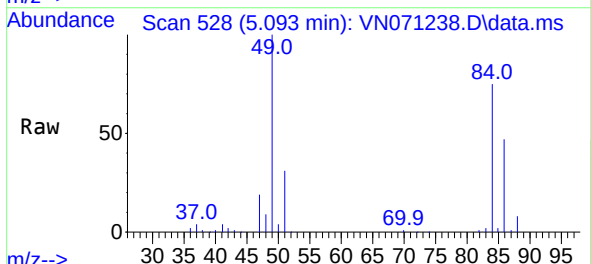
Ion Ratio Lower Upper

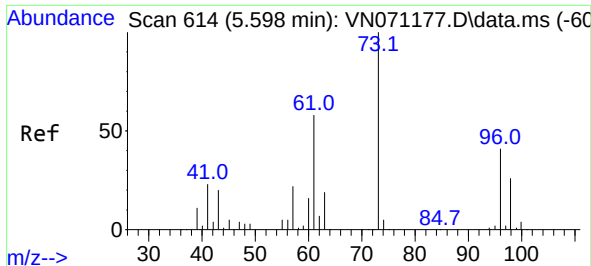
84 100

49 133.8 93.5 140.3

51 41.4 29.4 44.2

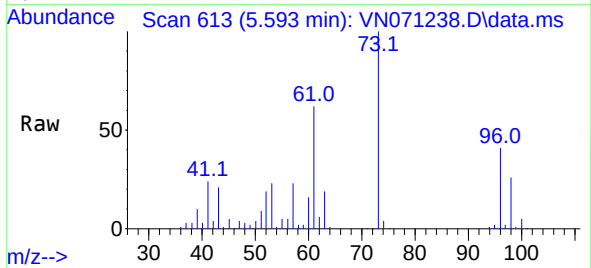
86 62.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 42.107 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

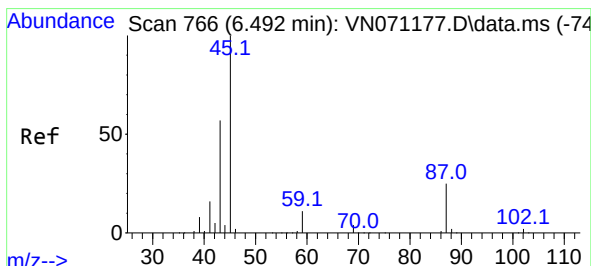
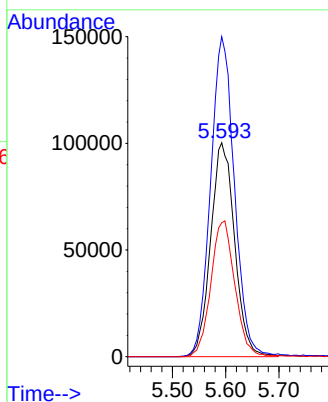
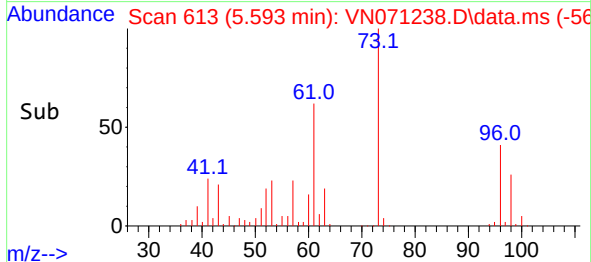
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



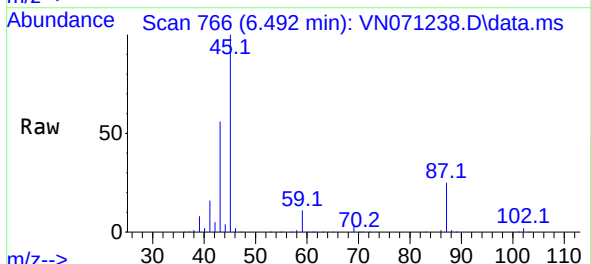
Tgt Ion: 96 Resp: 31386
Ion Ratio Lower Upper
96 100
61 149.6 105.8 158.6
98 62.6 52.0 78.0

Manual Integrations
APPROVED

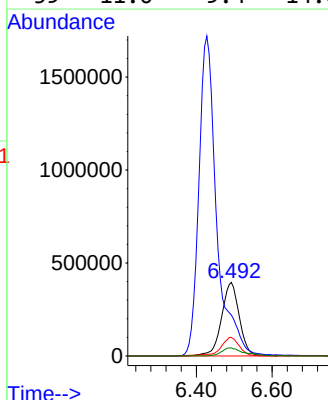
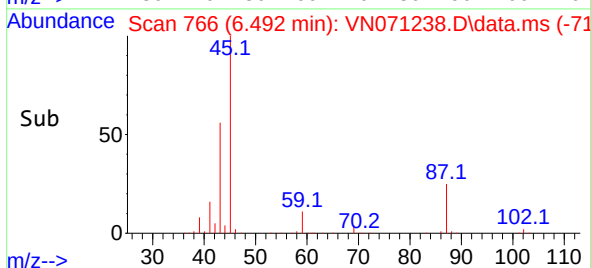
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

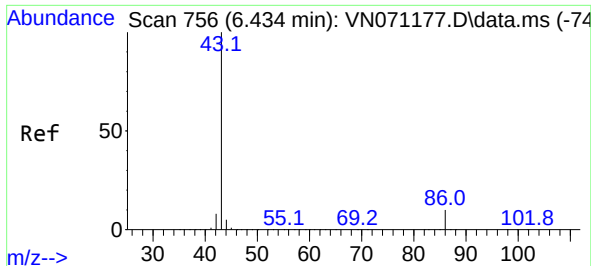


#22
Diisopropyl ether
Concen: 44.168 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 45 Resp: 1289736
Ion Ratio Lower Upper
45 100
43 55.5 51.7 77.5
87 24.9 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 227.796 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071238.D
 Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

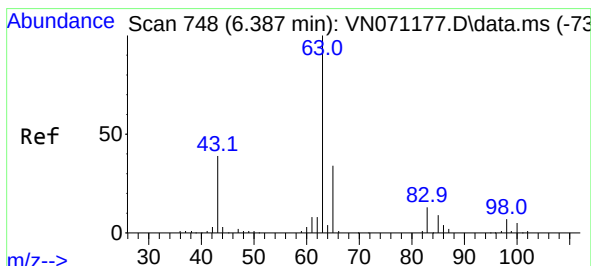
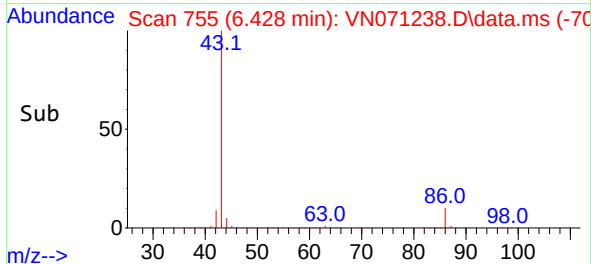
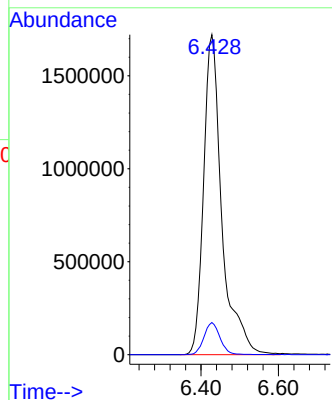
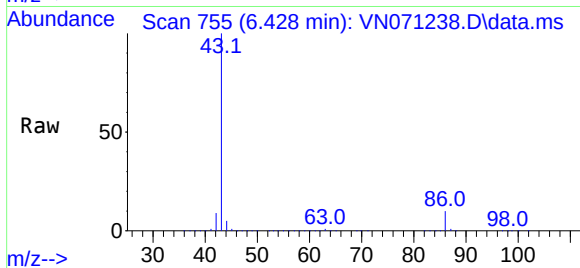
VSTDCCC050EC

Tgt Ion: 43 Resp: 5631318
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations

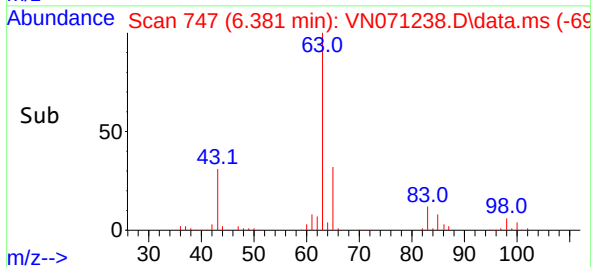
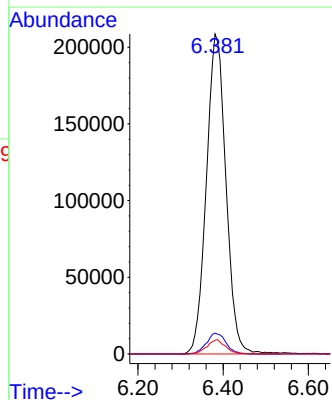
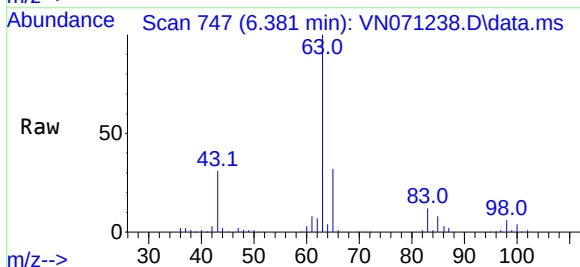
APPROVED

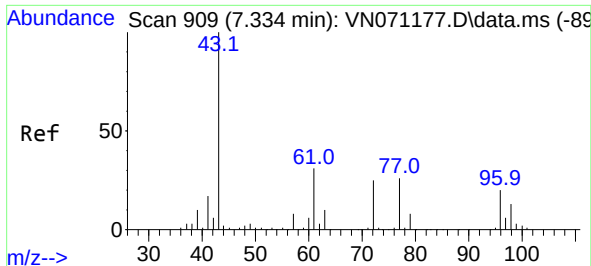
Reviewed By :John Carlone 03/11/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 43.110 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071238.D
 Acq: 10 Mar 2022 18:34

Tgt Ion: 63 Resp: 665193
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 227.492 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

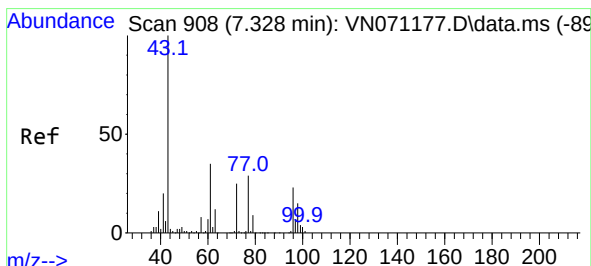
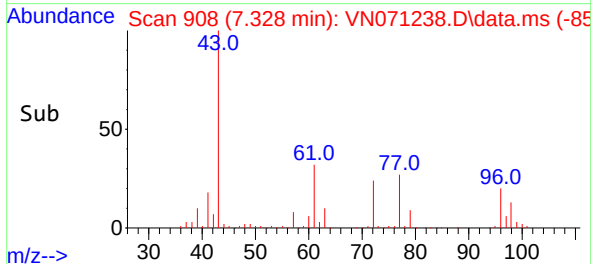
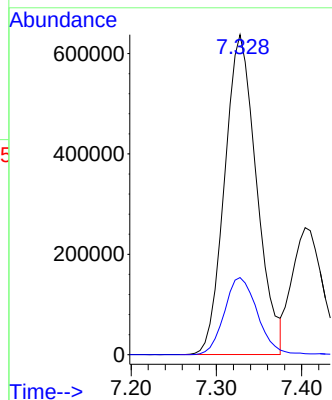
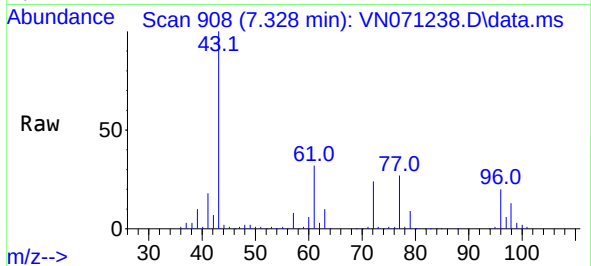
VSTDCCC050EC

Tgt Ion: 43 Resp: 1661189
Ion Ratio Lower Upper
43 100
72 24.1 21.7 32.5

Manual Integrations

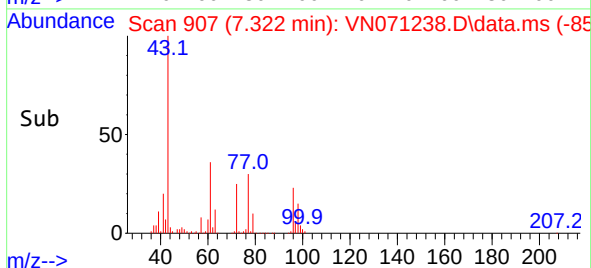
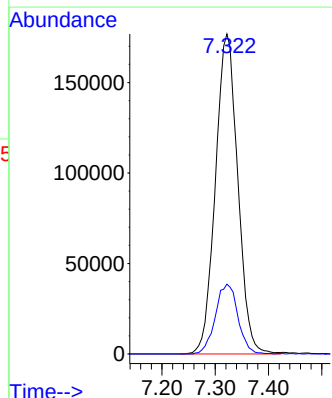
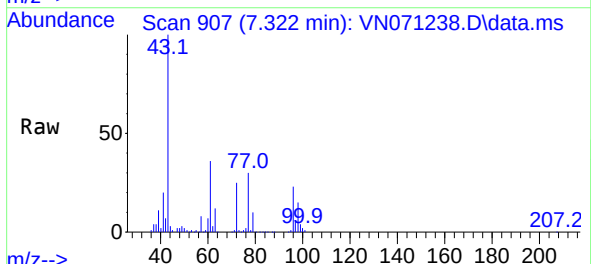
APPROVED

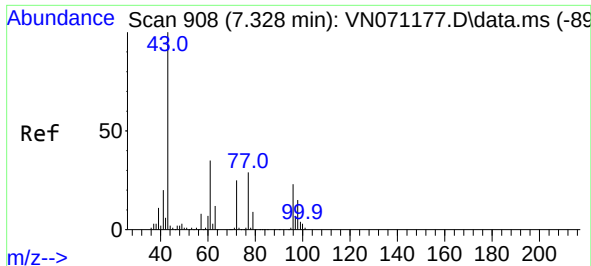
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#26
2,2-Dichloropropane
Concen: 43.302 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

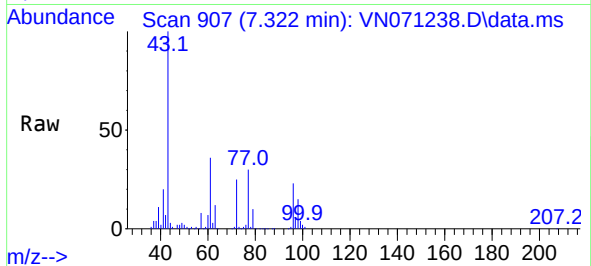
Tgt Ion: 77 Resp: 515468
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 42.949 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

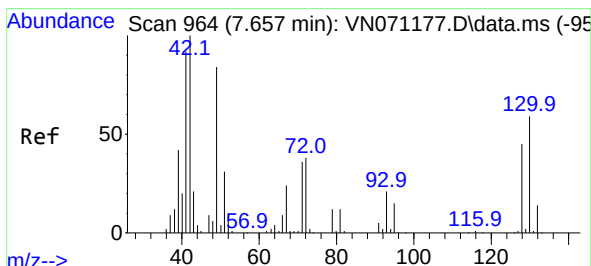
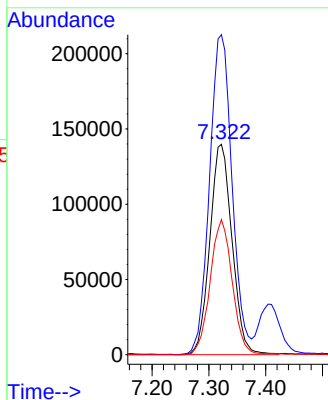
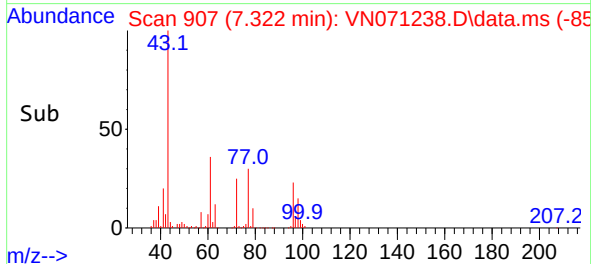
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



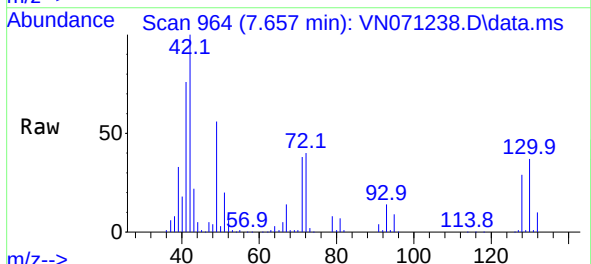
Tgt Ion: 96 Resp: 379960
Ion Ratio Lower Upper
96 100
61 154.4 0.0 275.0
98 63.4 0.0 129.6

Manual Integrations
APPROVED

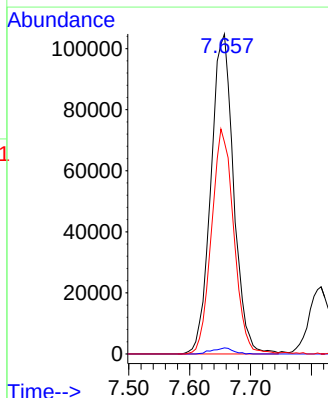
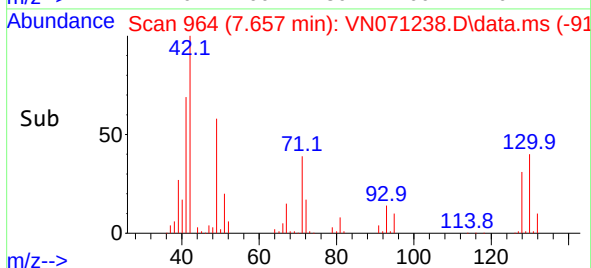
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

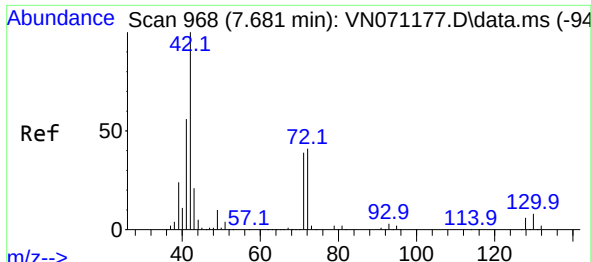


#28
Bromochloromethane
Concen: 39.523 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



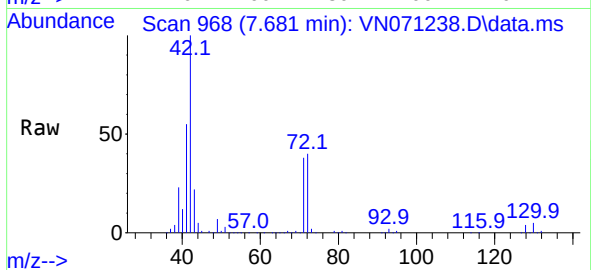
Tgt Ion: 49 Resp: 271577
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 68.9 67.8 101.8





#29
Tetrahydrofuran
Concen: 221.451 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

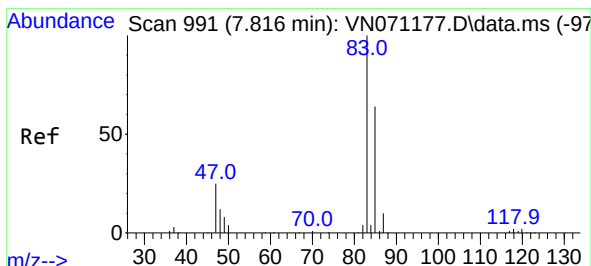
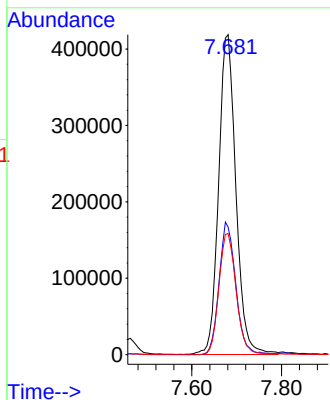
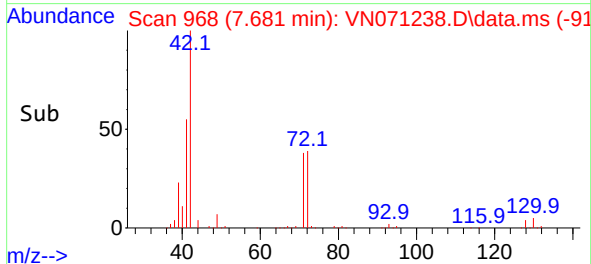
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



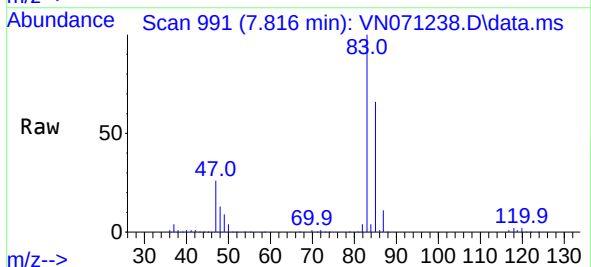
Tgt Ion: 42 Resp: 1120272
Ion Ratio Lower Upper
42 100
72 39.9 36.3 54.5
71 38.1 34.7 52.1

Manual Integrations
APPROVED

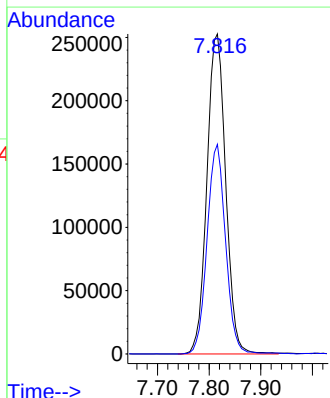
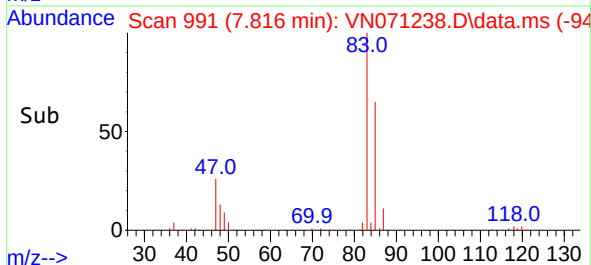
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

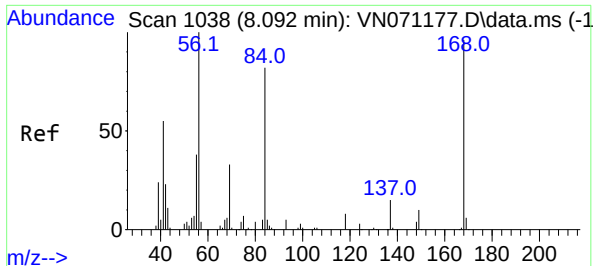


#30
Chloroform
Concen: 43.342 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



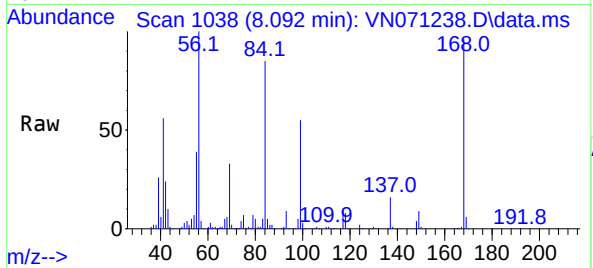
Tgt Ion: 83 Resp: 637858
Ion Ratio Lower Upper
83 100
85 65.5 51.9 77.9





#31
Cyclohexane
Concen: 41.220 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

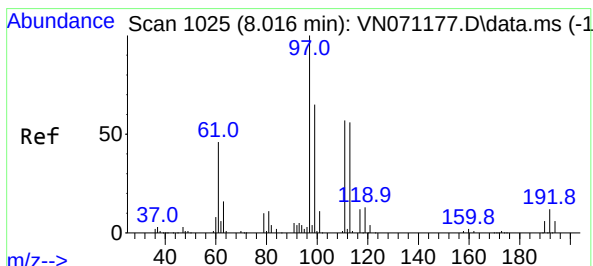
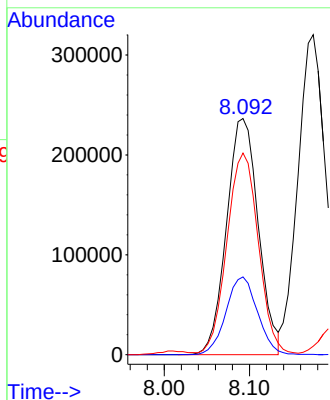
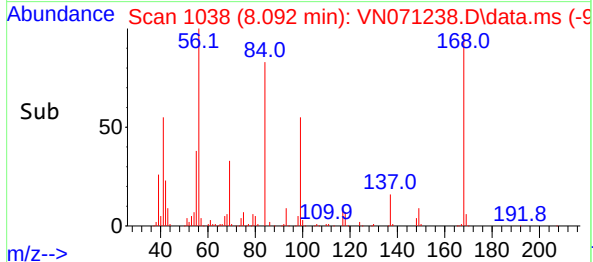
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



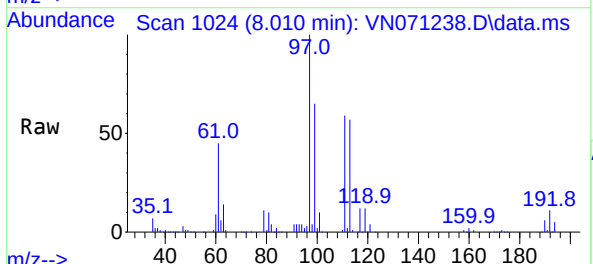
Tgt Ion: 56 Resp: 61324
Ion Ratio Lower Upper
56 100
69 32.9 27.1 40.7
84 84.1 73.4 110.0

Manual Integrations
APPROVED

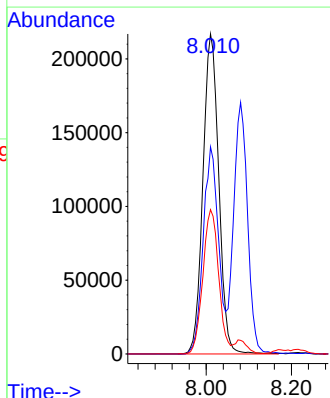
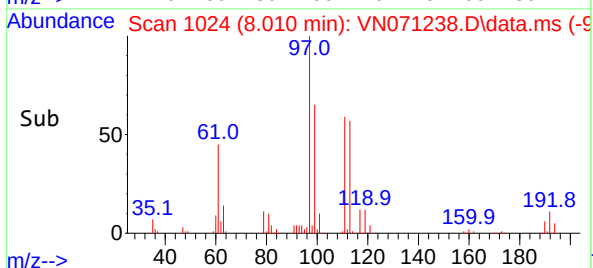
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

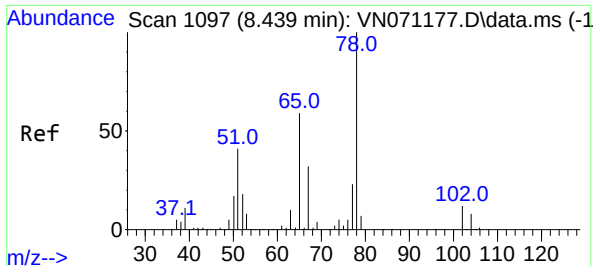


#32
1,1,1-Trichloroethane
Concen: 44.513 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 97 Resp: 558011
Ion Ratio Lower Upper
97 100
99 62.5 50.1 75.1
61 45.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.066 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

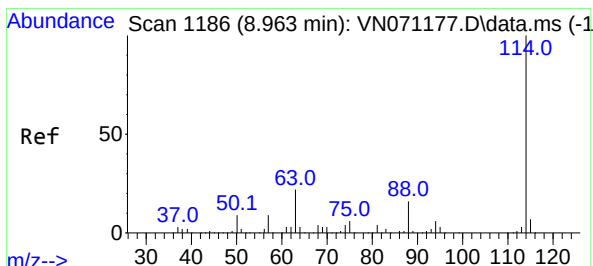
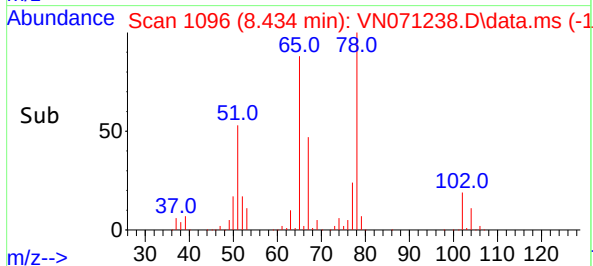
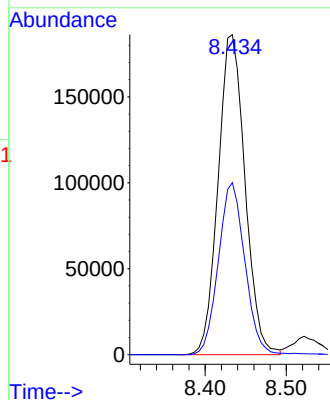
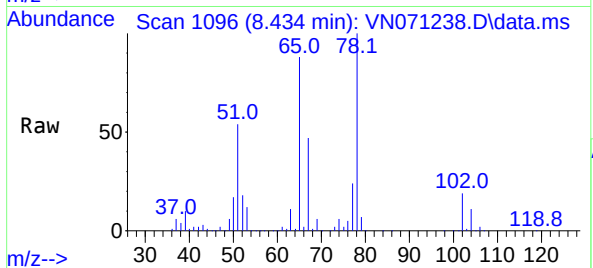
VSTDCCC050EC

Tgt Ion: 65 Resp: 429170
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

Manual Integrations

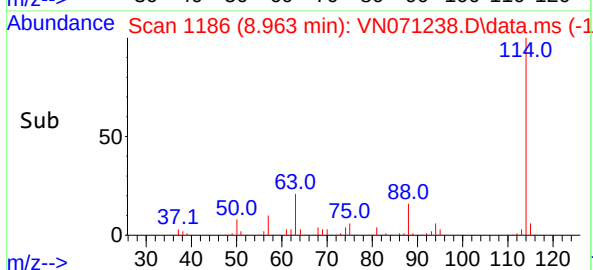
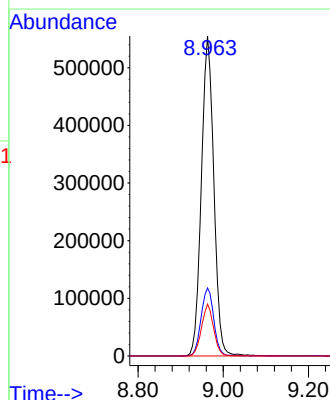
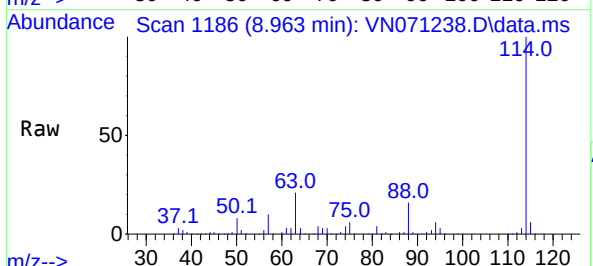
APPROVED

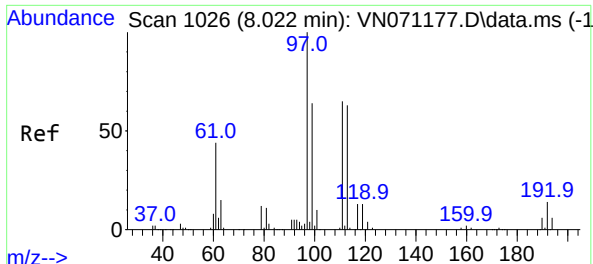
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

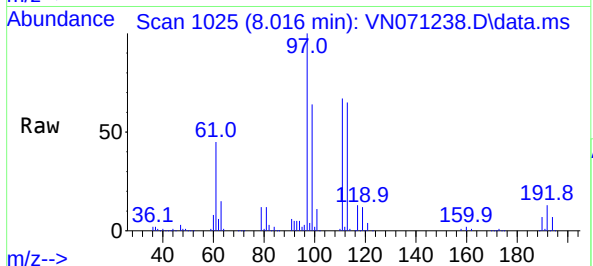
Tgt Ion:114 Resp: 1126633
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.497 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

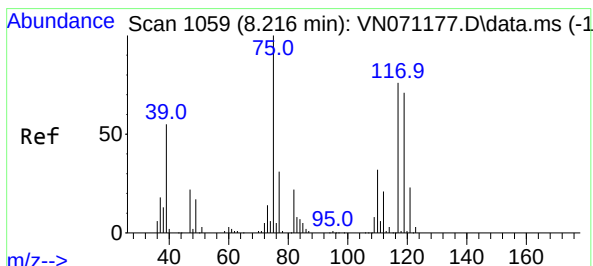
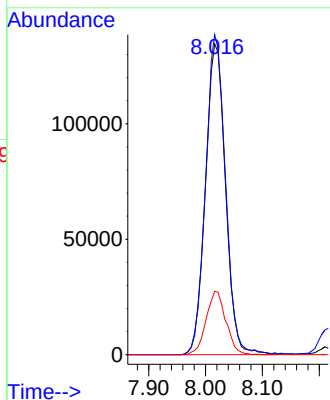
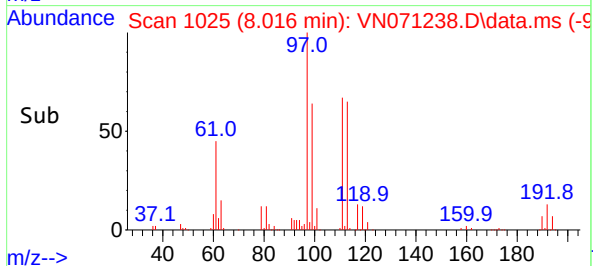
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



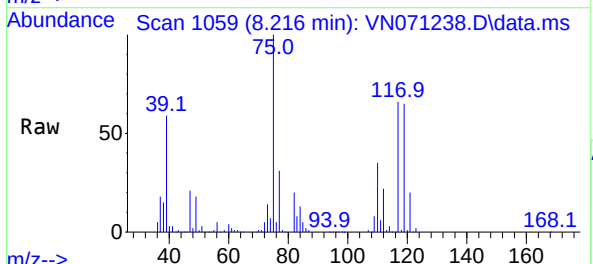
Tgt Ion: 113 Resp: 330570
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

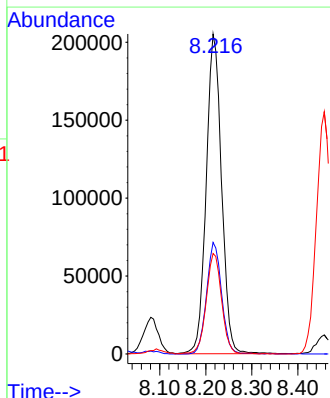
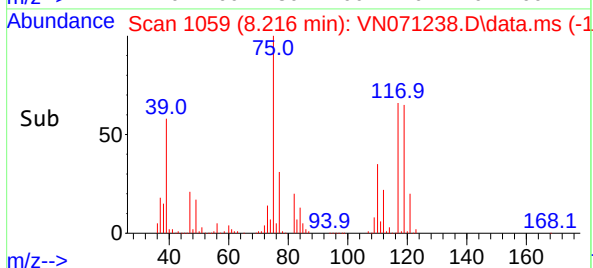
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

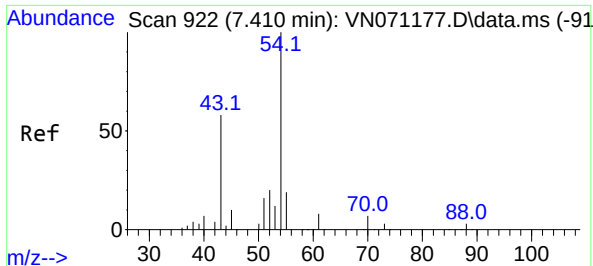


#36
1,1-Dichloropropene
Concen: 41.820 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



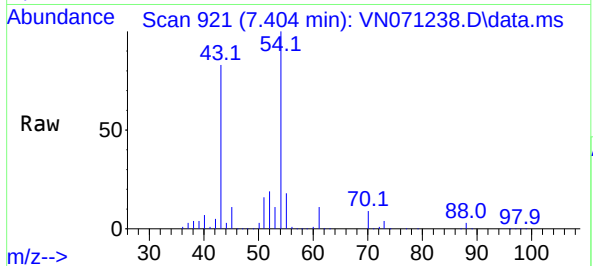
Tgt Ion: 75 Resp: 476369
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 42.215 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

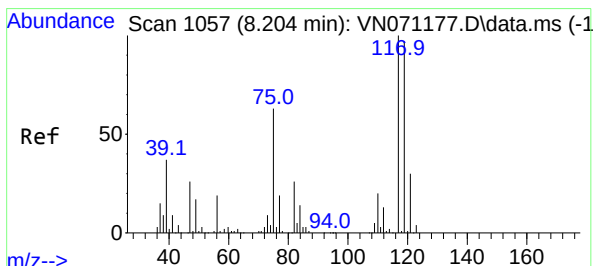
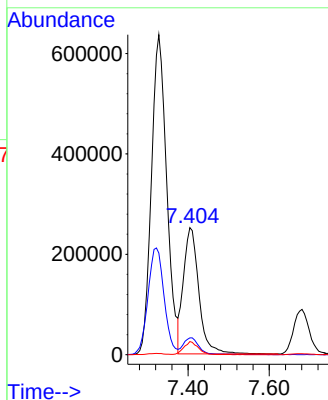
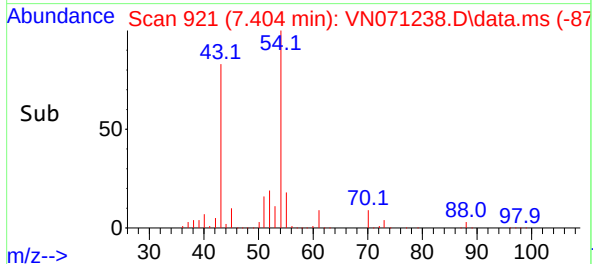
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 661784
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.3 7.9 11.9

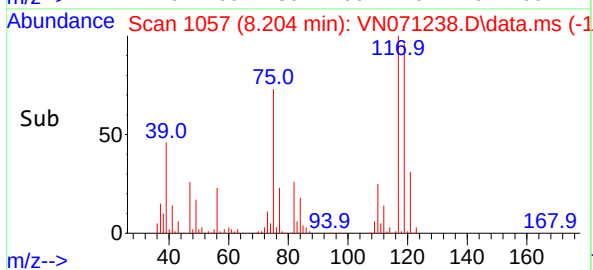
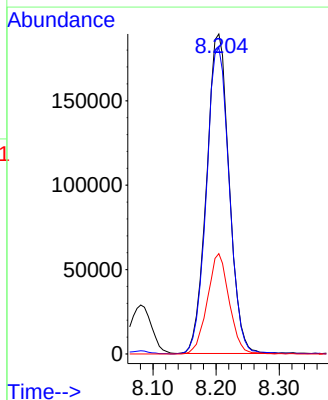
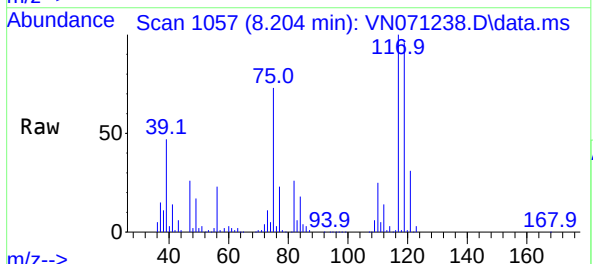
Manual Integrations
APPROVED

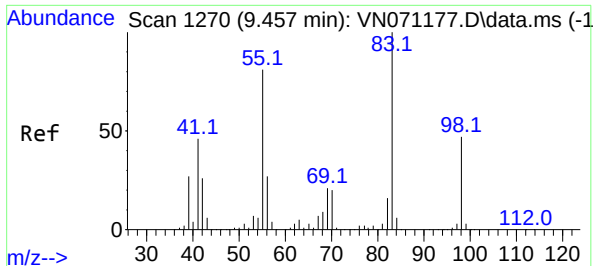
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 42.660 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion:117 Resp: 470027
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 31.4 24.2 36.2





#39
Methylcyclohexane
Concen: 42.889 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

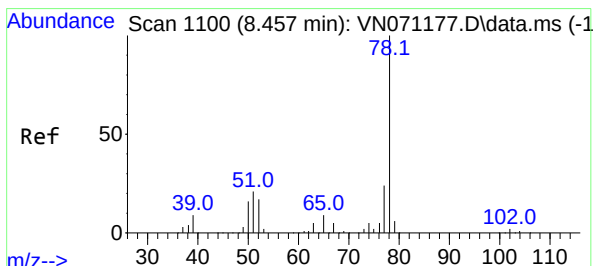
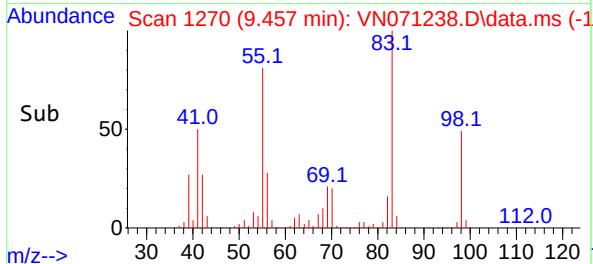
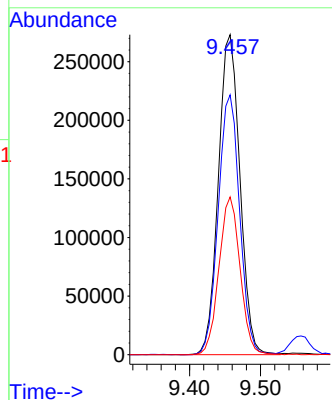
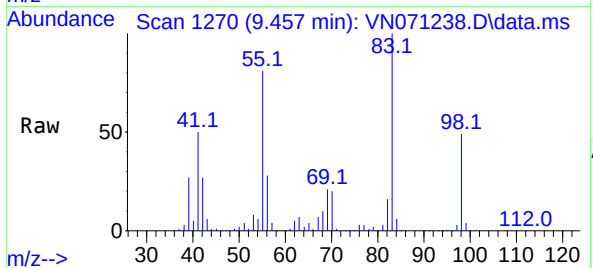
VSTDCCC050EC

Tgt Ion: 83 Resp: 574729
Ion Ratio Lower Upper
83 100
55 81.2 58.1 87.1
98 49.3 38.4 57.6

Manual Integrations

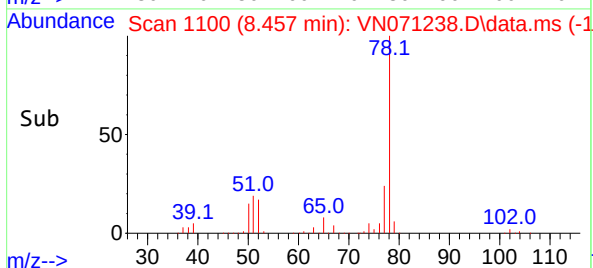
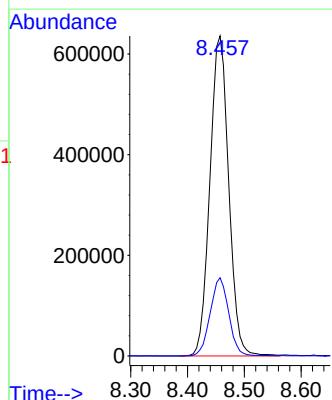
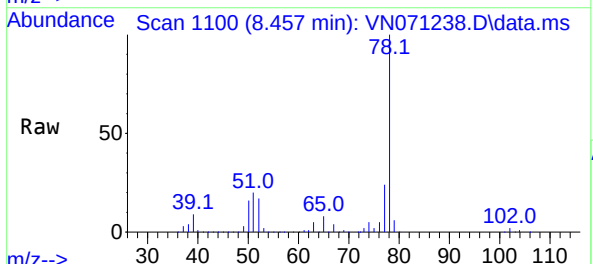
APPROVED

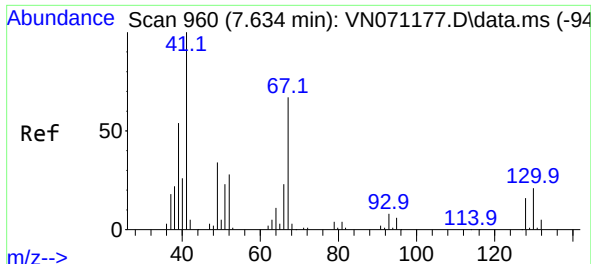
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 42.548 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 78 Resp: 1460237
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





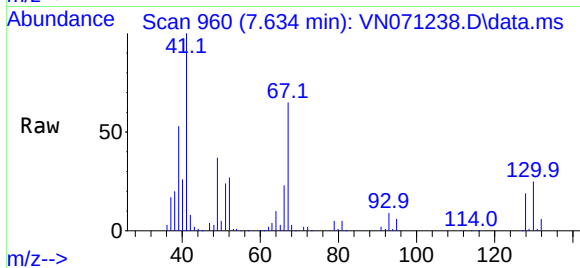
#41
Methacrylonitrile
Concen: 41.716 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

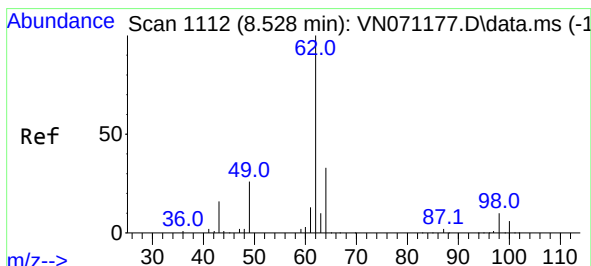
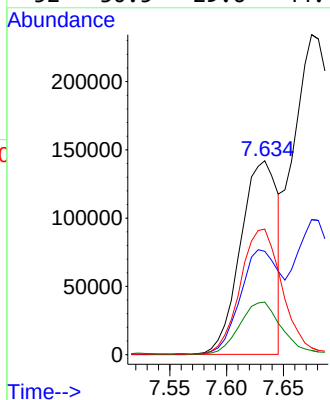
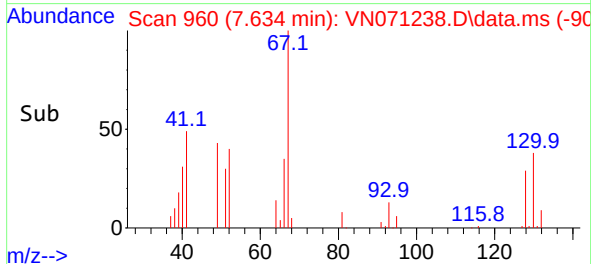


Tgt Ion: 41 Resp: 32003
Ion Ratio Lower Upper
41 100
39 59.6 48.1 72.1
67 74.9 68.3 102.5
52 30.5 29.6 44.4

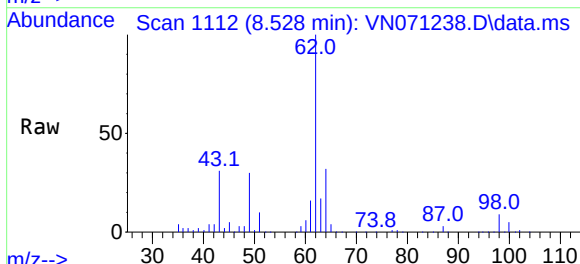
Manual Integrations

APPROVED

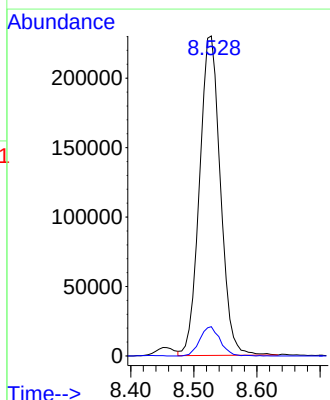
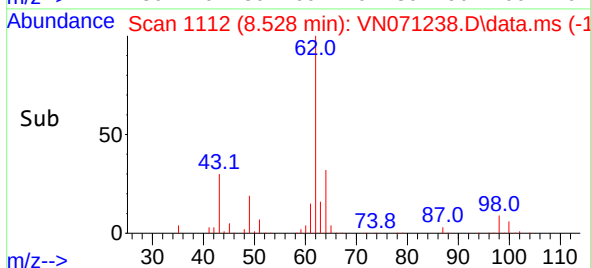
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

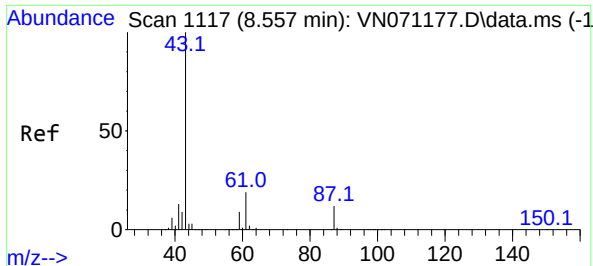


#42
1,2-Dichloroethane
Concen: 44.141 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 62 Resp: 527165
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





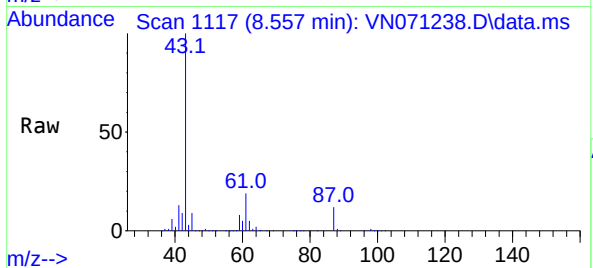
#43
Isopropyl Acetate
Concen: 52.432 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



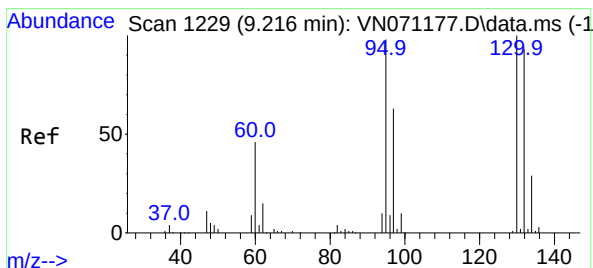
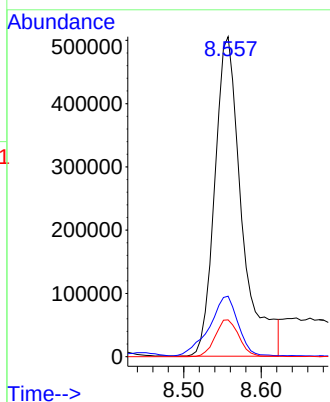
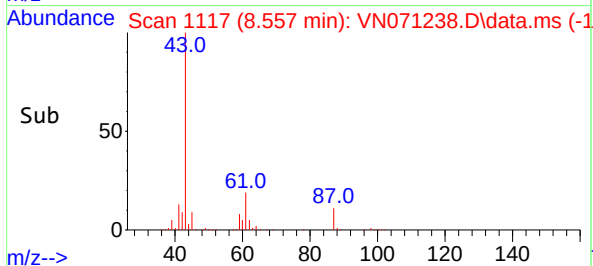
Tgt Ion: 43 Resp: 122916
Ion Ratio Lower Upper
43 100
61 19.9 20.4 30.6
87 10.2 11.2 16.8

Manual Integrations

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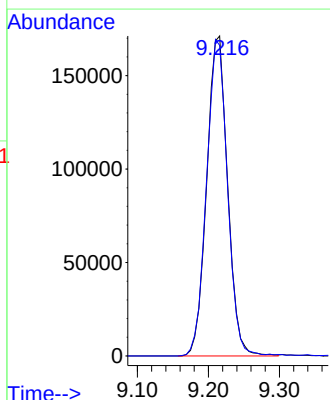
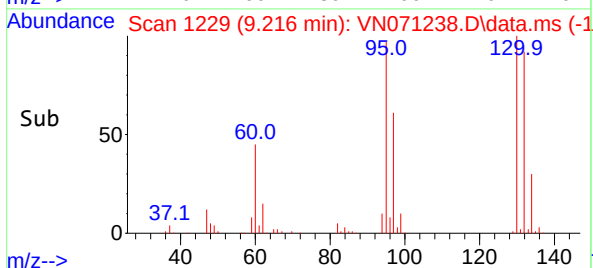
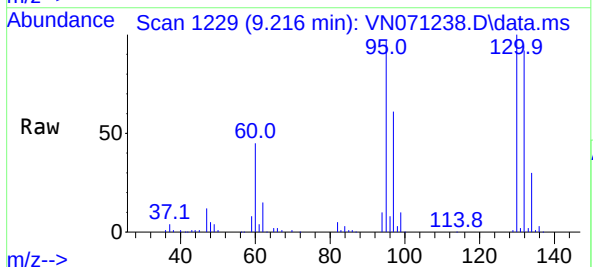
Reviewed By :John Carlone 03/11/2022

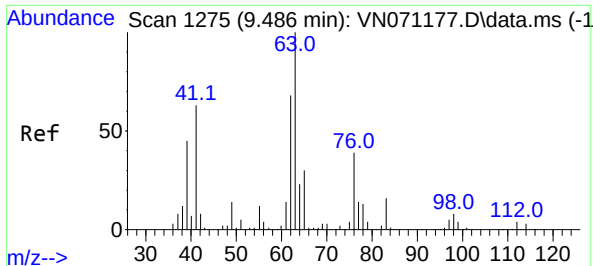
Supervised By :Mahesh Dadoda 03/15/2022



#44
Trichloroethene
Concen: 43.177 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion:130 Resp: 349638
Ion Ratio Lower Upper
130 100
95 97.0 0.0 191.2





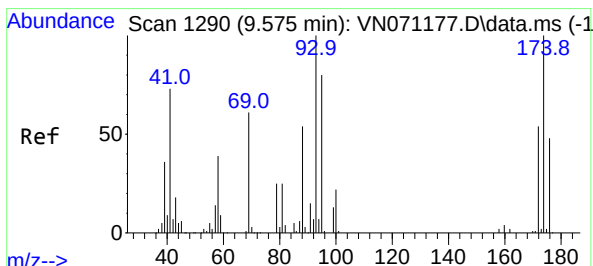
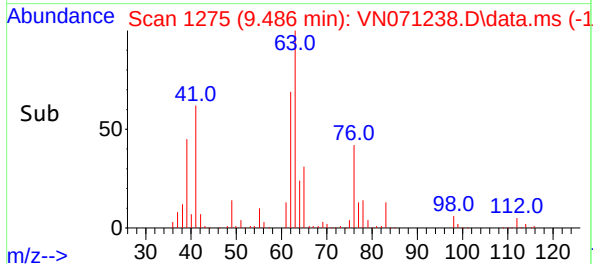
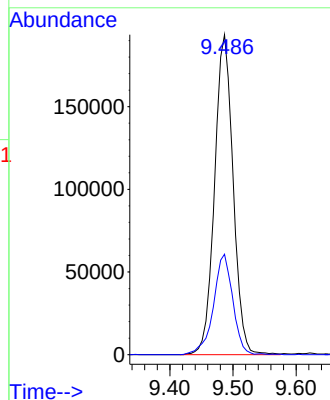
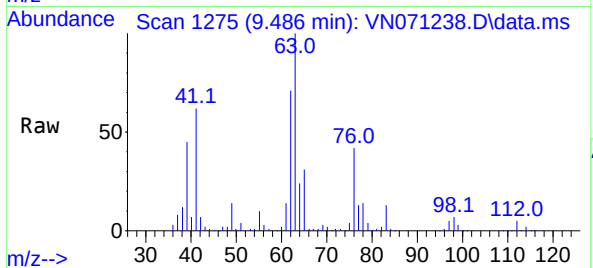
#45
1,2-Dichloropropane
Concen: 42.800 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 394314
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1

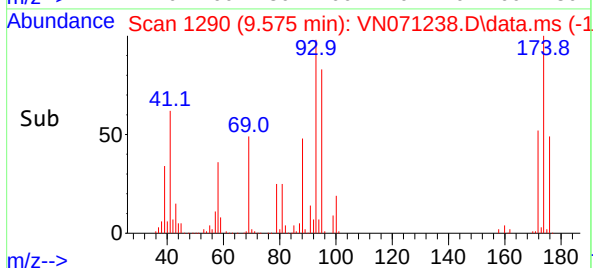
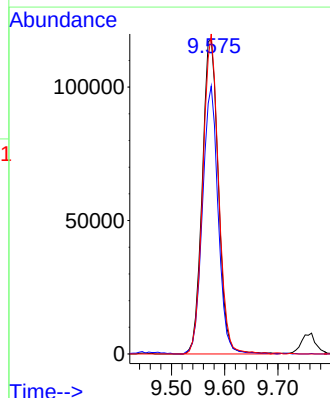
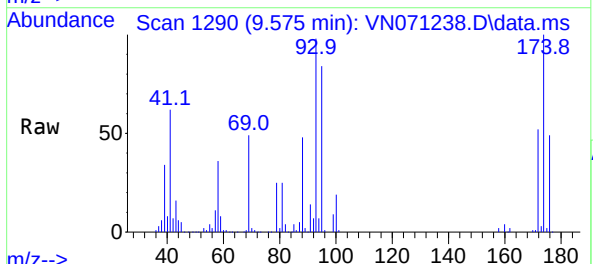
Manual Integrations
APPROVED

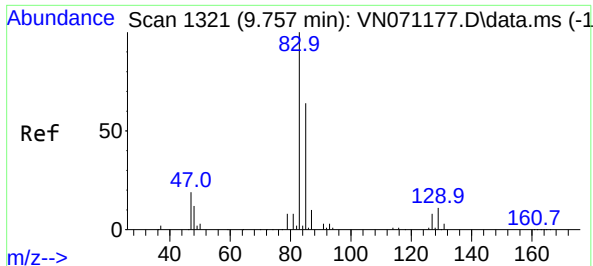
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#46
Dibromomethane
Concen: 43.760 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 93 Resp: 248137
Ion Ratio Lower Upper
93 100
95 82.6 65.9 98.9
174 98.9 84.6 127.0





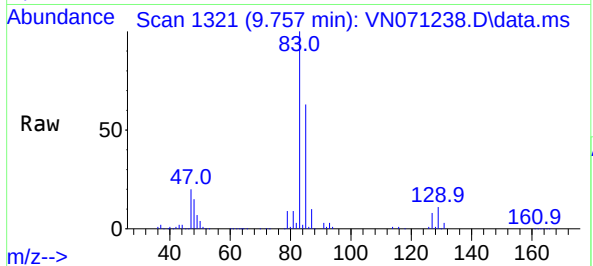
#47
Bromodichloromethane
Concen: 43.733 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



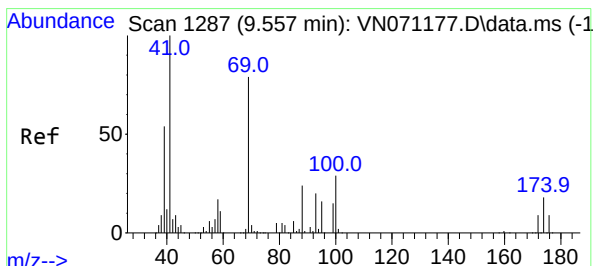
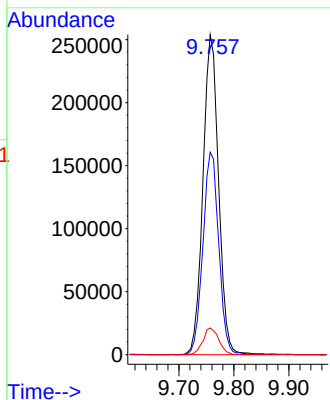
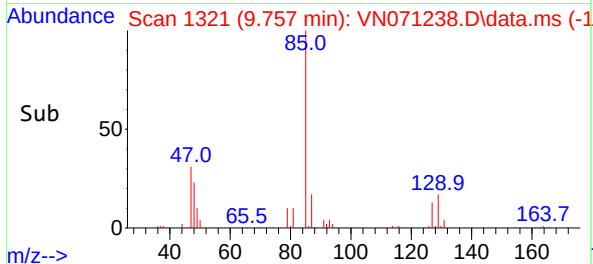
Tgt Ion: 83 Resp: 501160
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations

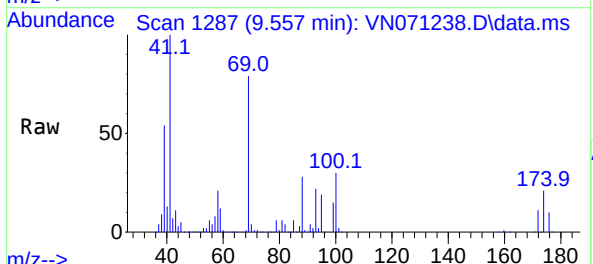
APPROVED

Reviewed By :John Carlone 03/11/2022

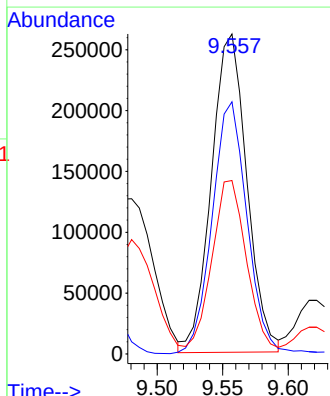
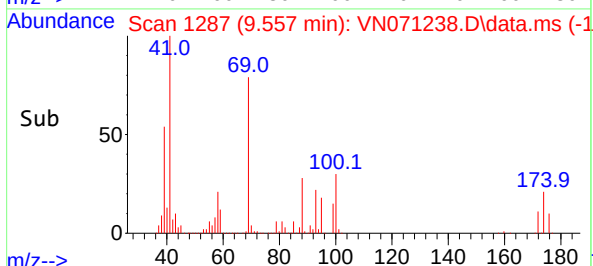
Supervised By :Mahesh Dadoda 03/15/2022

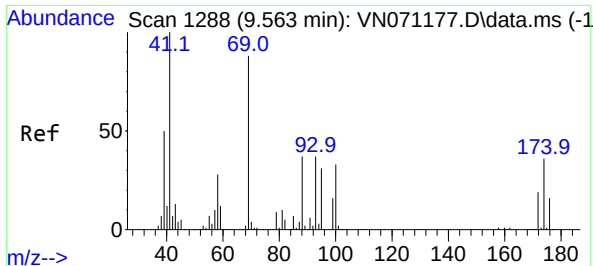


#48
Methyl methacrylate
Concen: 45.333 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



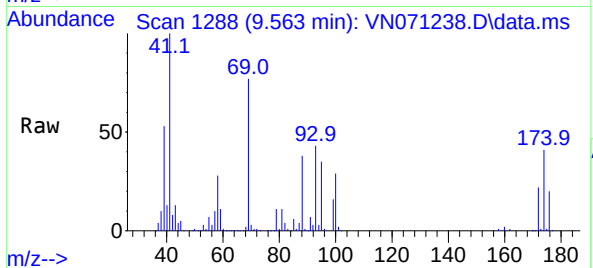
Tgt Ion: 41 Resp: 492502
Ion Ratio Lower Upper
41 100
69 78.5 72.4 108.6
39 53.7 58.4 87.6#





#49
1,4-Dioxane
Concen: 913.270 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

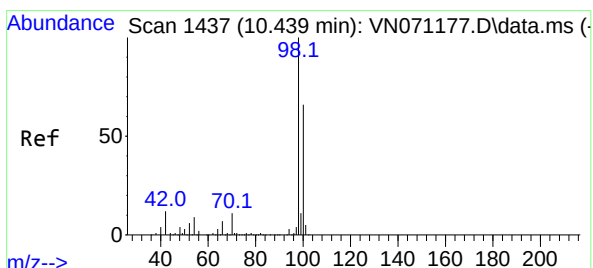
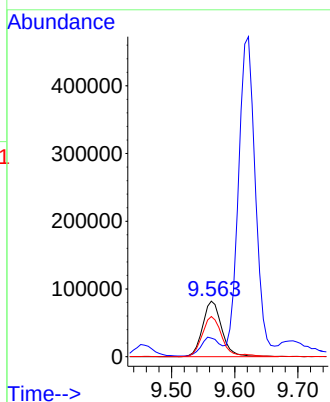
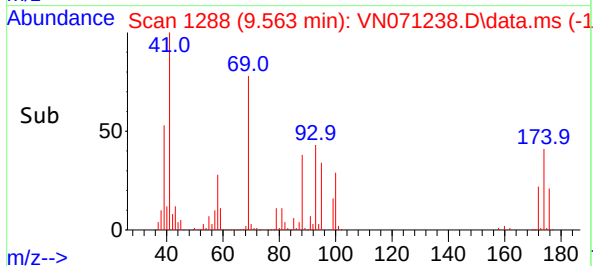
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 172463
Ion Ratio Lower Upper
88 100
43 32.2 23.4 35.2
58 72.5 50.6 75.8

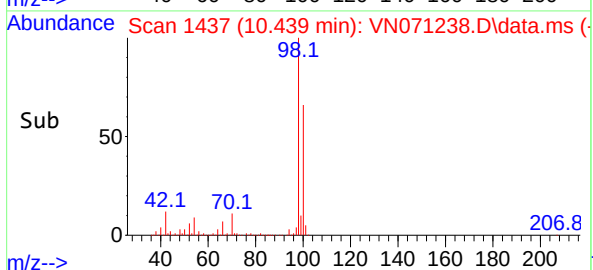
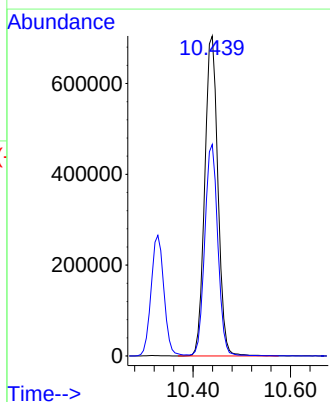
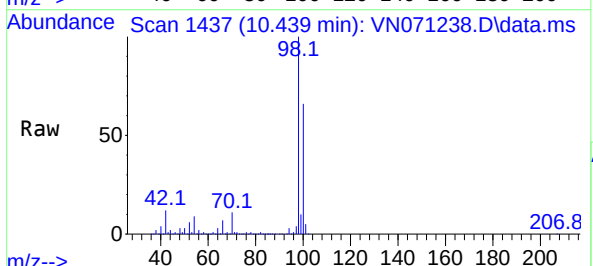
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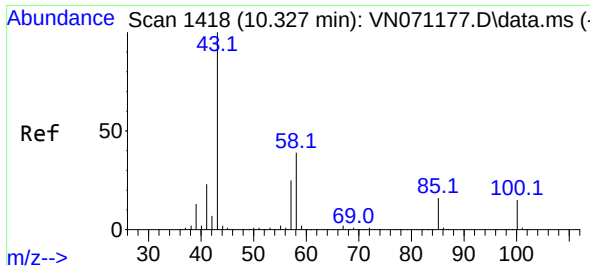
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#50
Toluene-d8
Concen: 46.010 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 98 Resp: 1317013
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





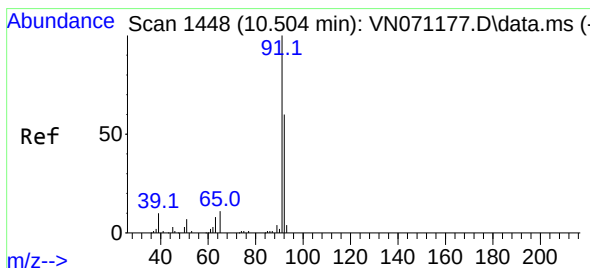
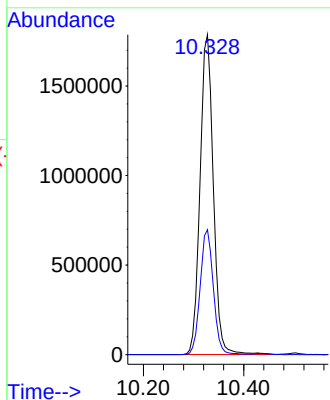
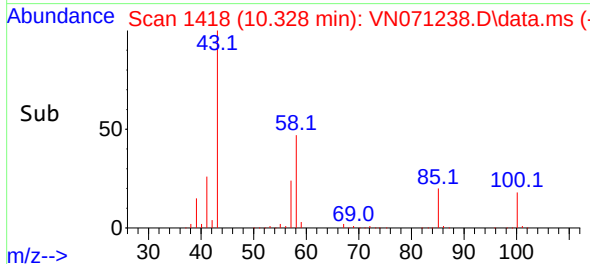
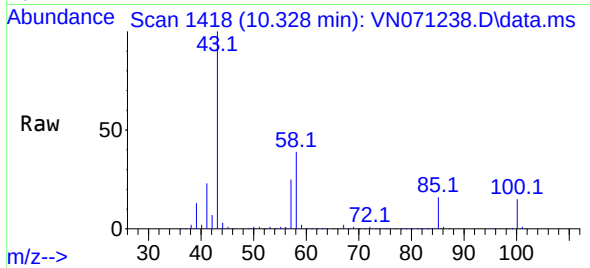
#51
4-Methyl-2-Pentanone
Concen: 226.261 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 329184
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

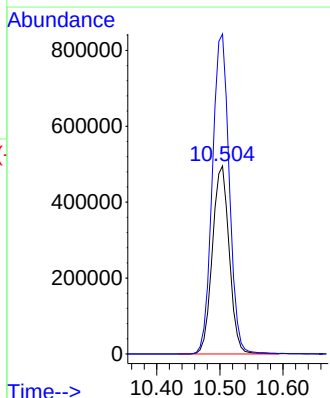
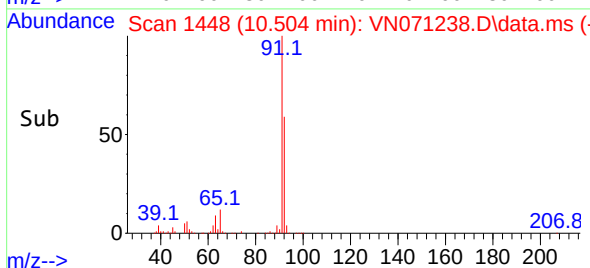
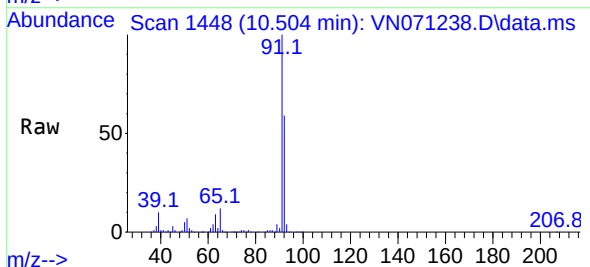
Manual Integrations
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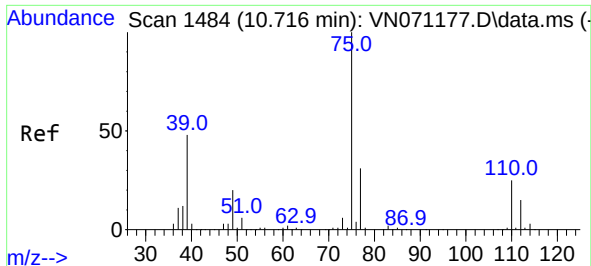
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 43.336 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 92 Resp: 915828
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 44.902 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

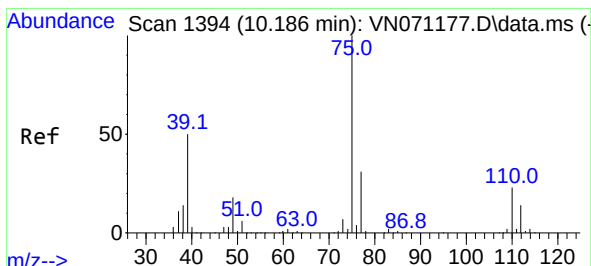
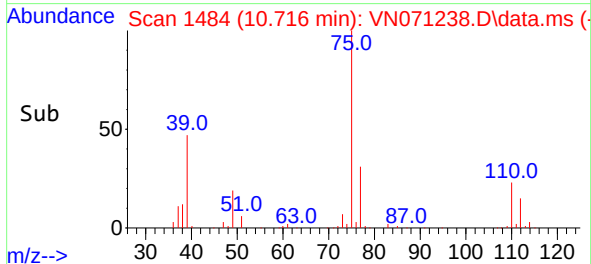
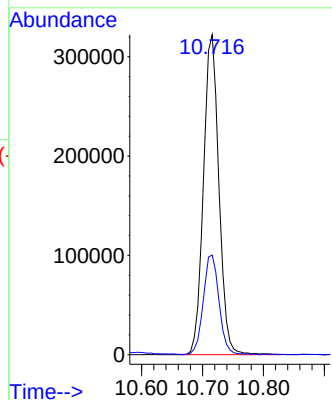
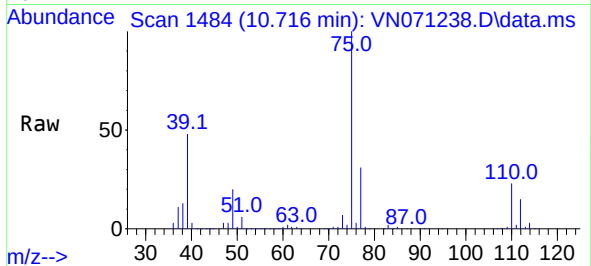
VSTDCCC050EC

Tgt Ion: 75 Resp: 567208
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations

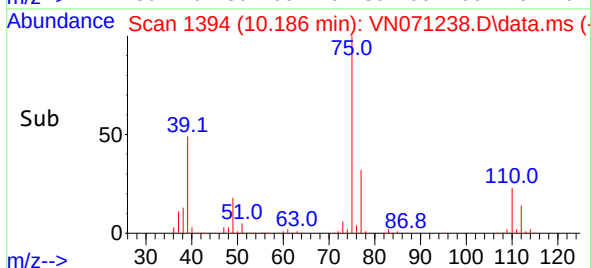
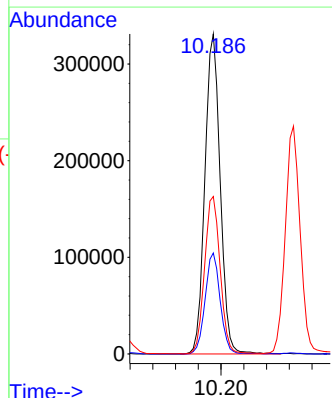
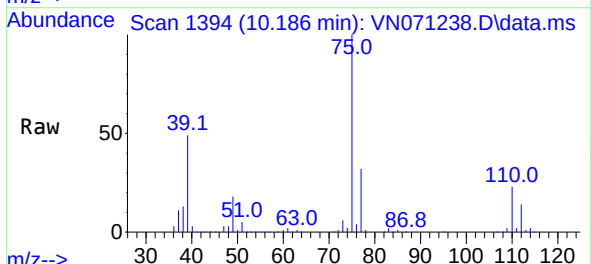
APPROVED

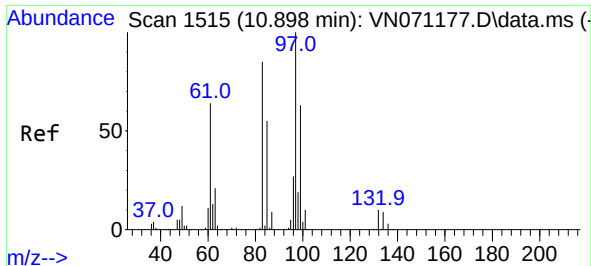
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#54
cis-1,3-Dichloropropene
Concen: 44.754 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

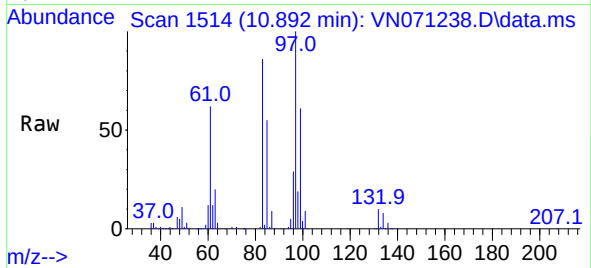
Tgt Ion: 75 Resp: 617722
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 49.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 42.513 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

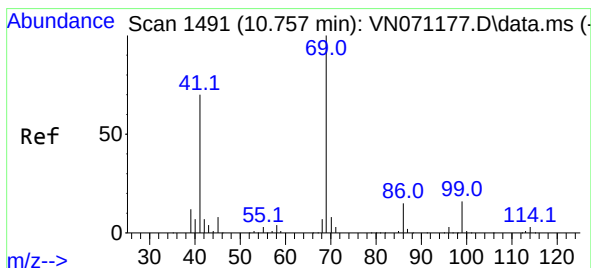
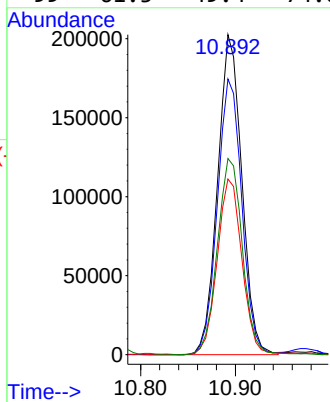
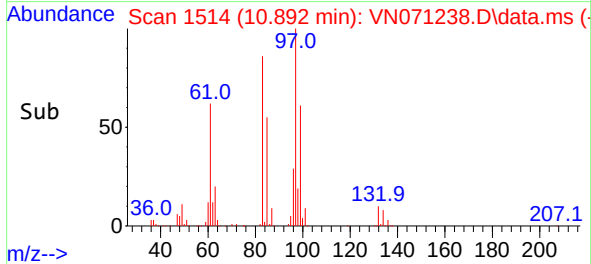


Tgt Ion: 97 Resp: 360014

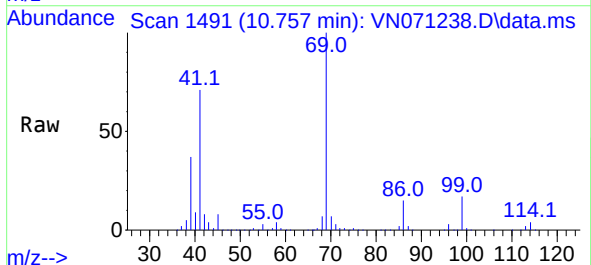
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.8	101.6
85	54.9	45.4	68.2
99	61.3	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

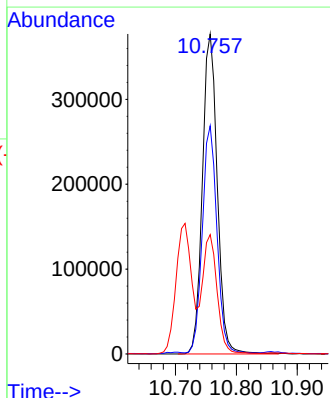
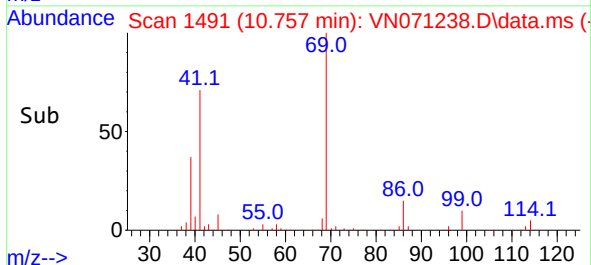


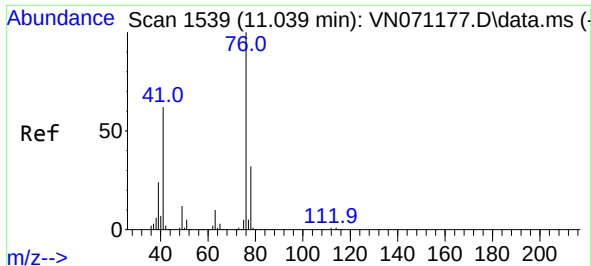
#56
Ethyl methacrylate
Concen: 46.214 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 69 Resp: 639122

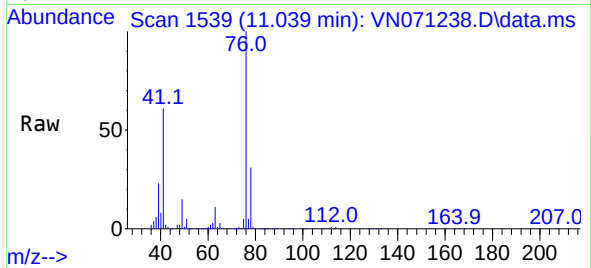
Ion	Ratio	Lower	Upper
69	100		
41	69.7	51.4	77.0
39	37.0	34.6	52.0





#57
1,3-Dichloropropane
Concen: 42.732 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

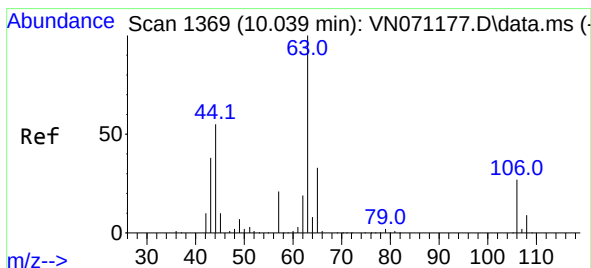
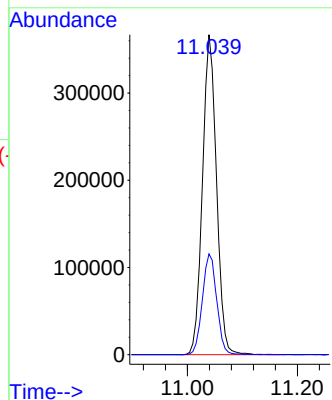
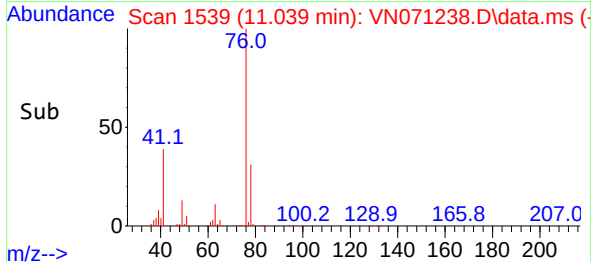
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



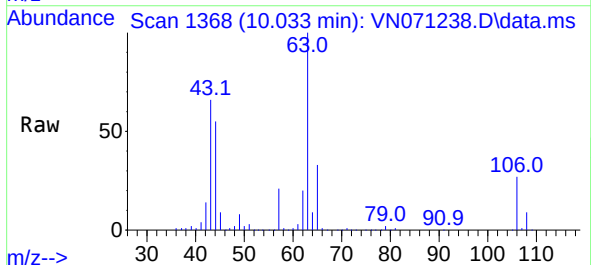
Tgt Ion: 76 Resp: 64953
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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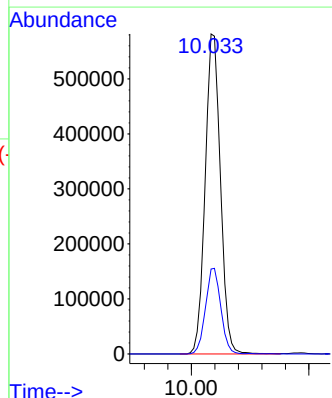
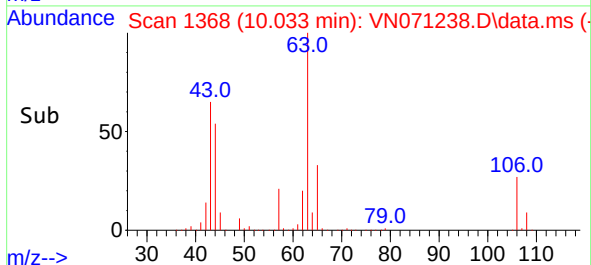
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

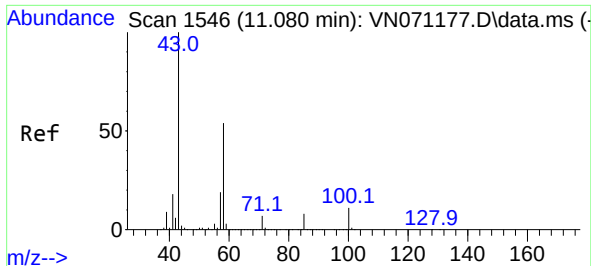


#58
2-Chloroethyl Vinyl ether
Concen: 347.806 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



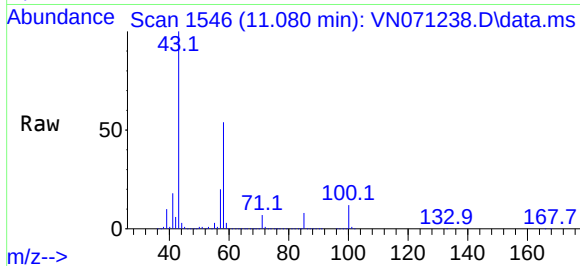
Tgt Ion: 63 Resp: 1046200
Ion Ratio Lower Upper
63 100
106 26.8 23.9 35.9





#59
2-Hexanone
Concen: 245.301 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

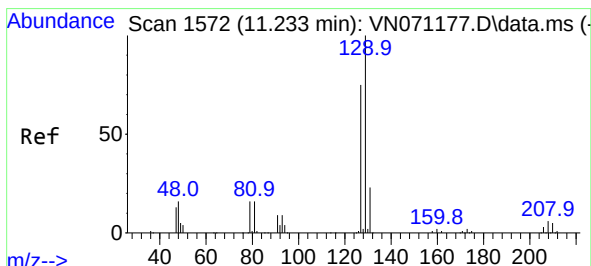
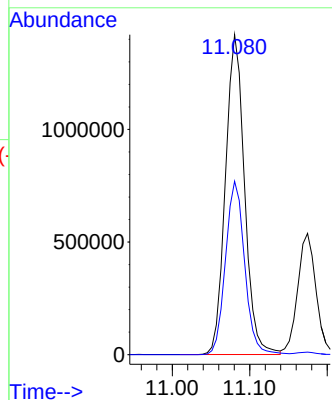
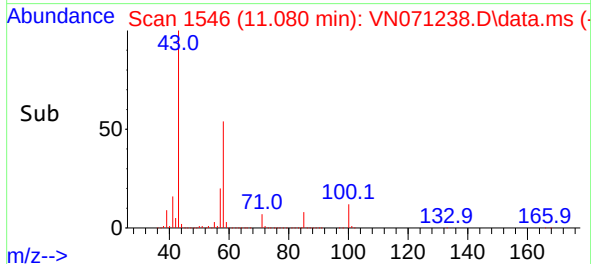
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2435064
Ion Ratio Lower Upper
43 100
58 54.5 26.9 80.7

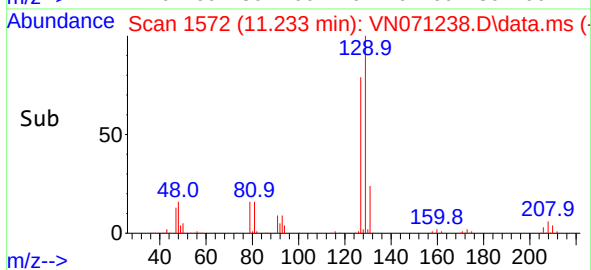
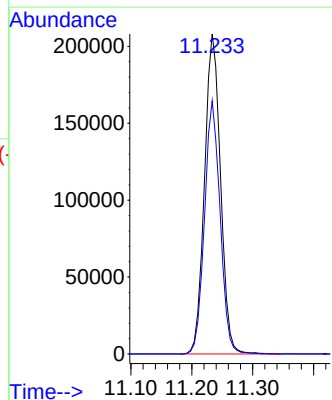
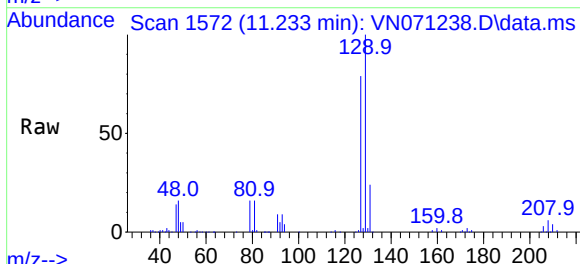
Manual Integrations
APPROVED

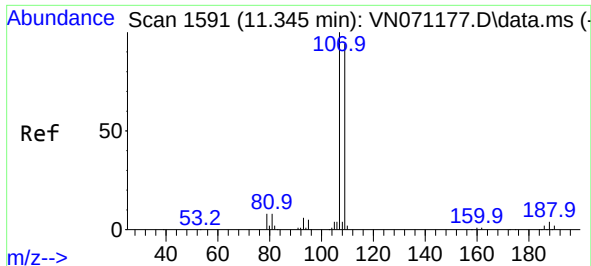
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#60
Dibromochloromethane
Concen: 45.205 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

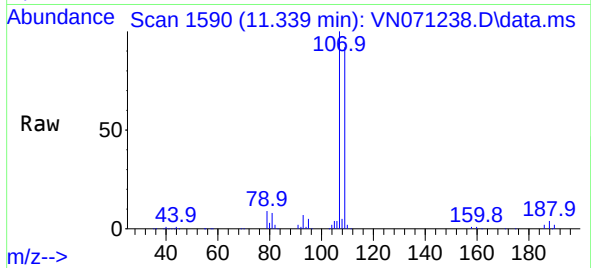
Tgt Ion:129 Resp: 380362
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 43.135 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

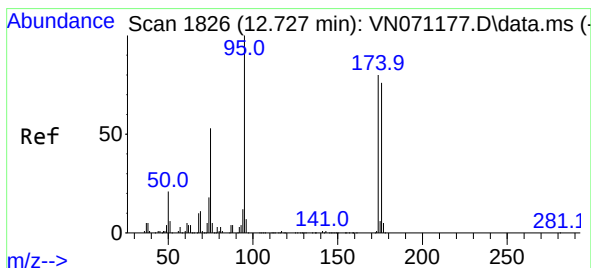
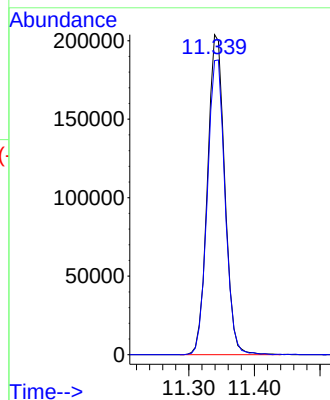
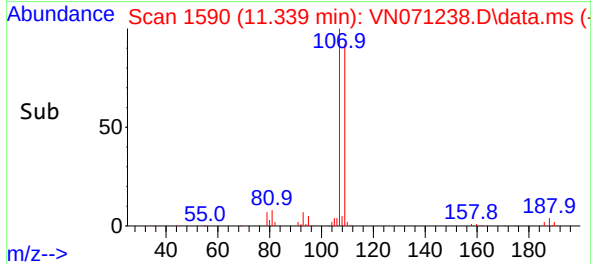
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



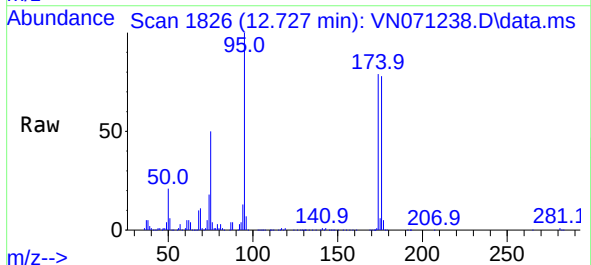
Tgt Ion:107 Resp: 373335
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
APPROVED

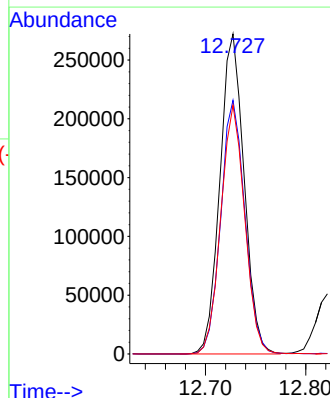
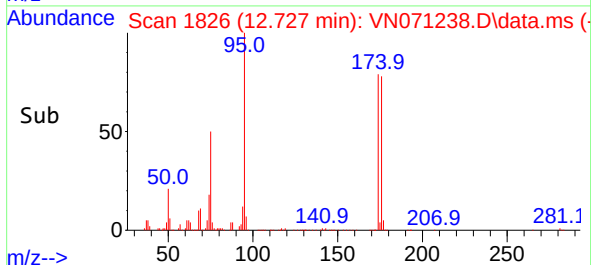
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

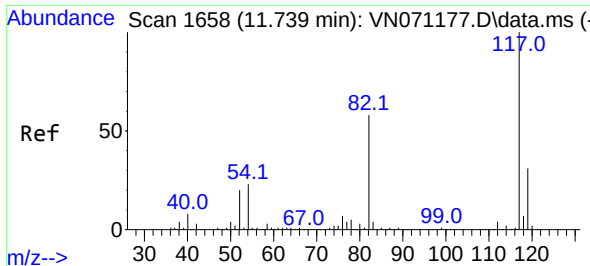


#62
4-Bromofluorobenzene
Concen: 46.881 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 95 Resp: 454424
Ion Ratio Lower Upper
95 100
174 79.1 0.0 187.2
176 76.9 0.0 181.4





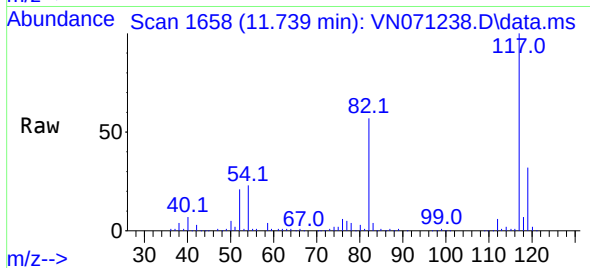
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



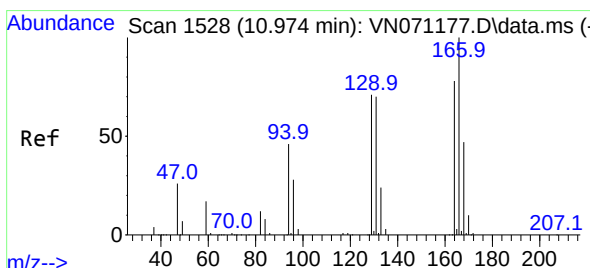
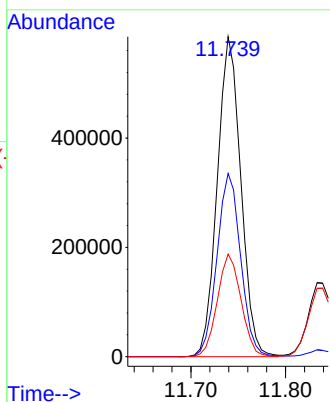
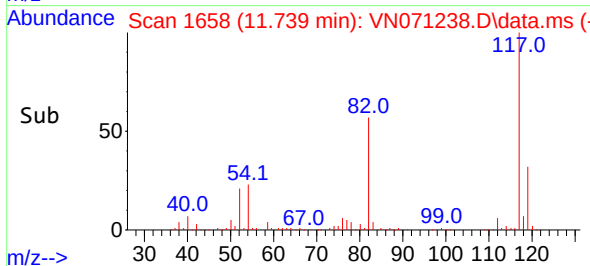
Tgt Ion:117 Resp: 101315
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations

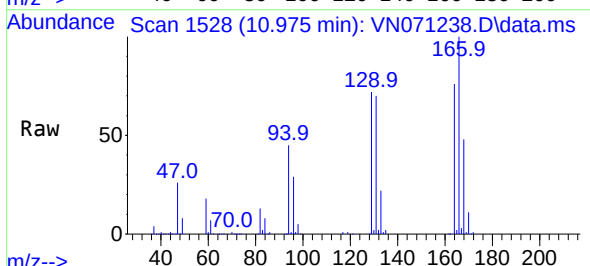
APPROVED

Reviewed By :John Carlone 03/11/2022

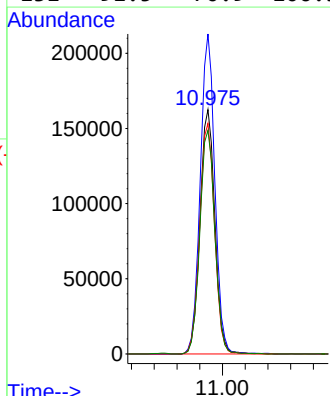
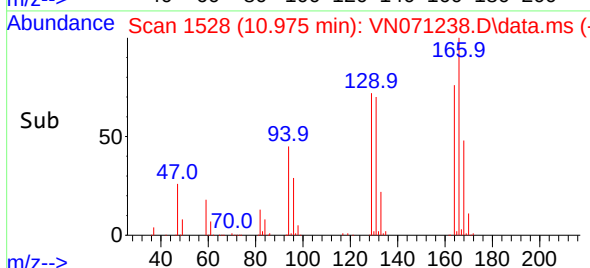
Supervised By :Mahesh Dadoda 03/15/2022

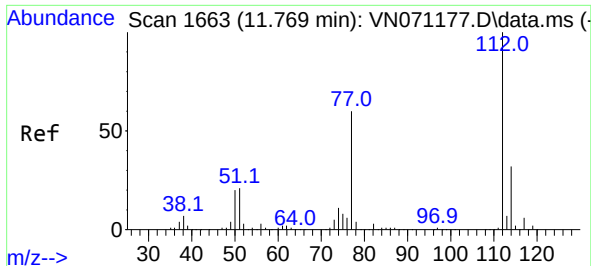


#64
Tetrachloroethene
Concen: 41.805 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



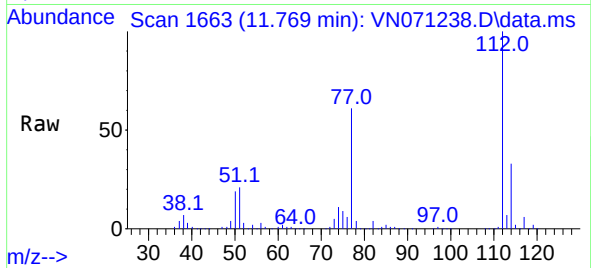
Tgt Ion:164 Resp: 295398
Ion Ratio Lower Upper
164 100
166 130.9 101.9 152.9
129 94.4 72.0 108.0
131 91.5 70.9 106.3





#65
Chlorobenzene
Concen: 43.654 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

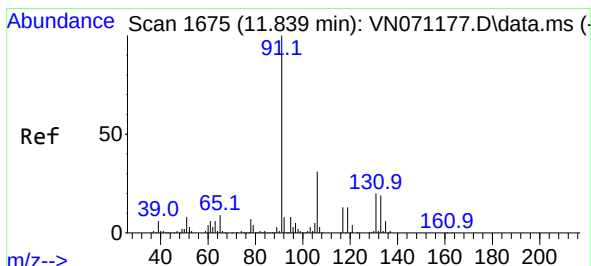
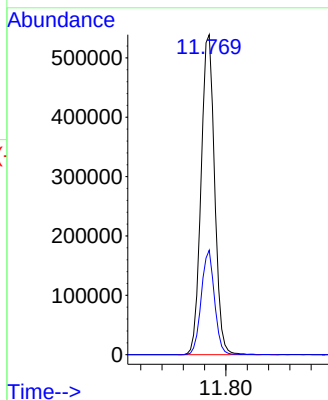
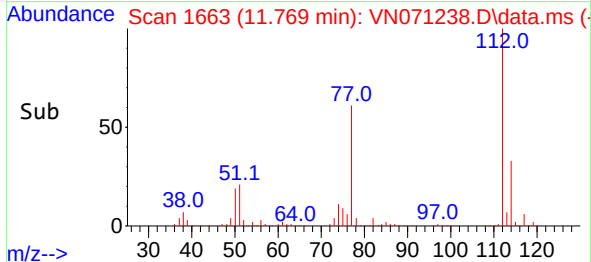
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



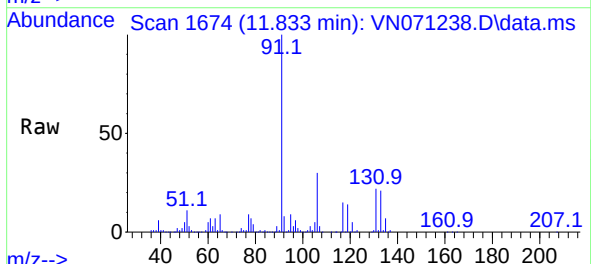
Tgt Ion:112 Resp: 949830
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

Manual Integrations
APPROVED

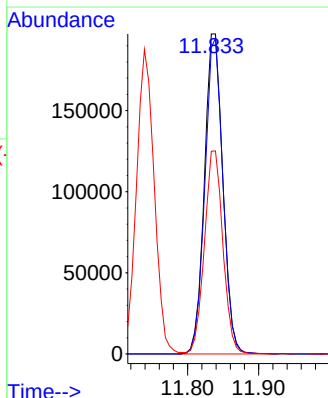
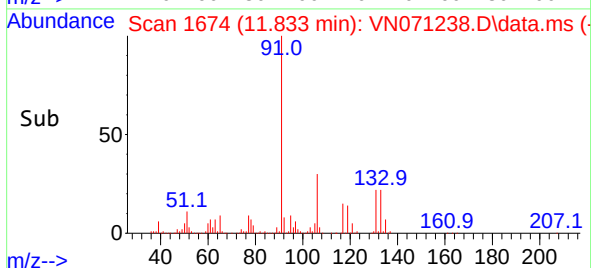
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

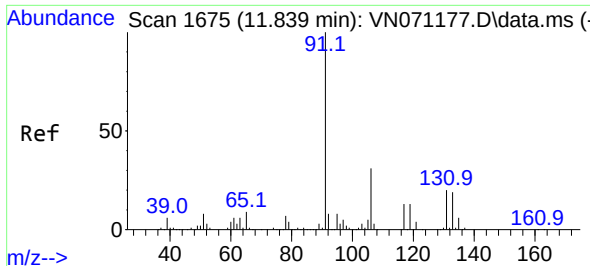


#66
1,1,1,2-Tetrachloroethane
Concen: 44.623 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



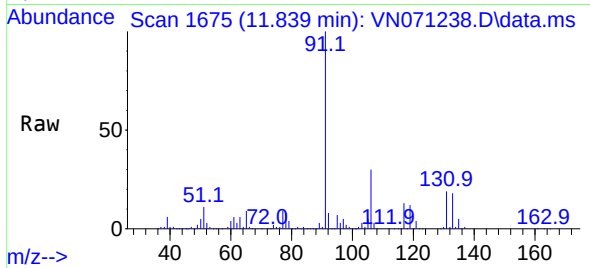
Tgt Ion:131 Resp: 356006
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 63.7 32.1 96.5





#67
Ethyl Benzene
Concen: 45.807 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

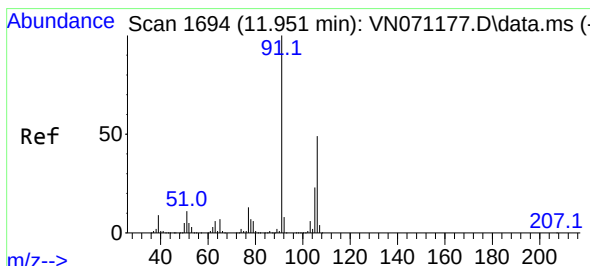
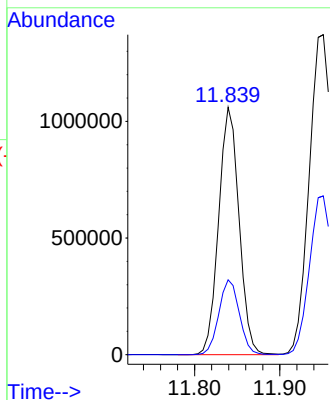
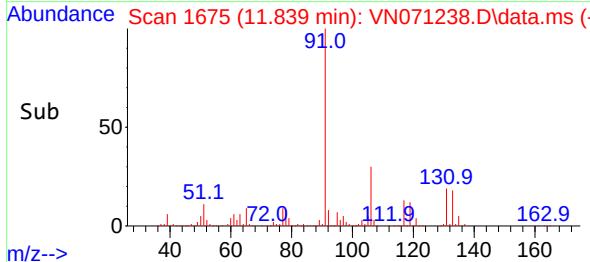
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



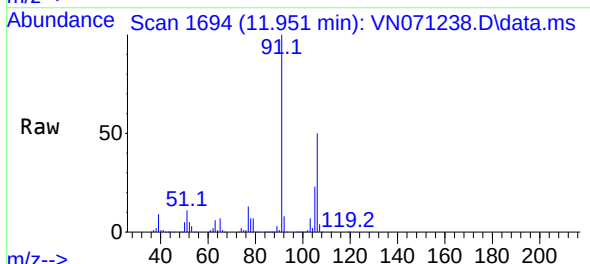
Tgt Ion: 91 Resp: 176223
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
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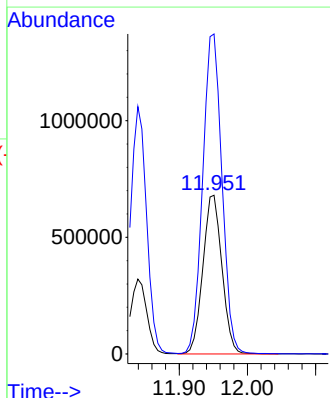
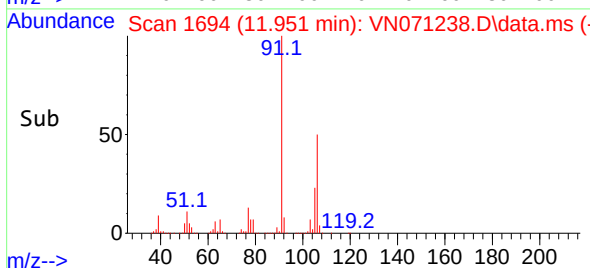
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

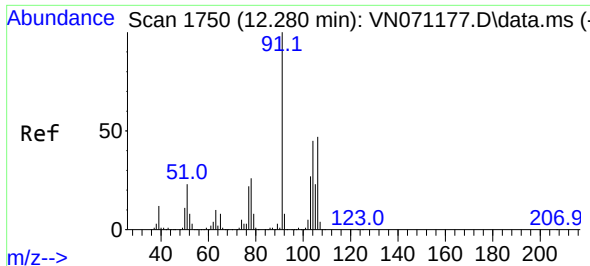


#68
m/p-Xylenes
Concen: 93.821 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



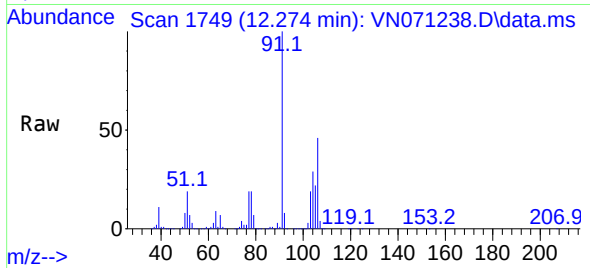
Tgt Ion:106 Resp: 1320404
Ion Ratio Lower Upper
106 100
91 204.2 160.6 240.8





#69
o-Xylene
Concen: 47.079 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

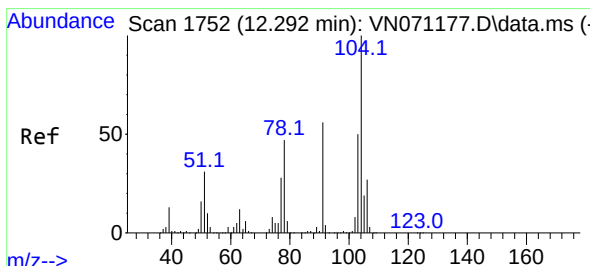
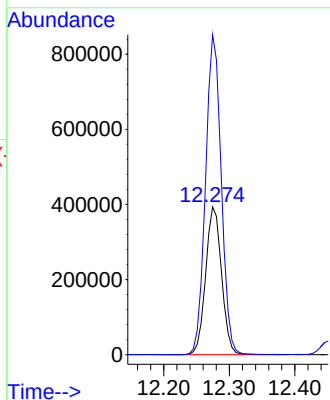
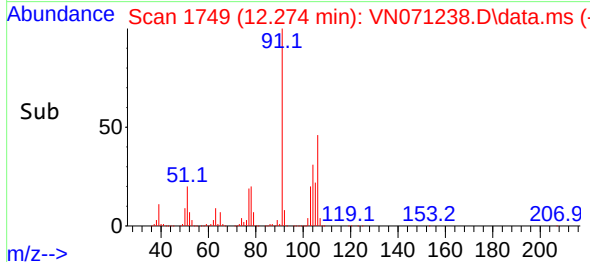
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



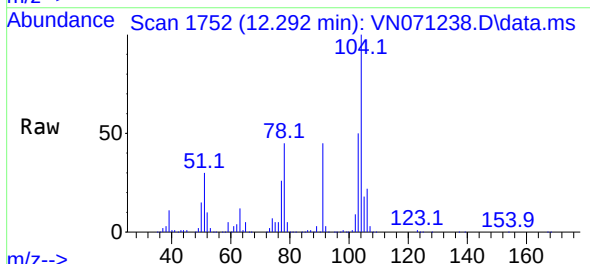
Tgt Ion:106 Resp: 664164
Ion Ratio Lower Upper
106 100
91 214.4 105.8 317.3

Manual Integrations
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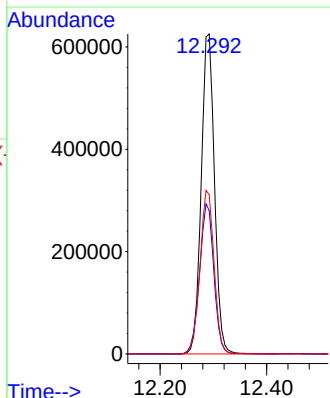
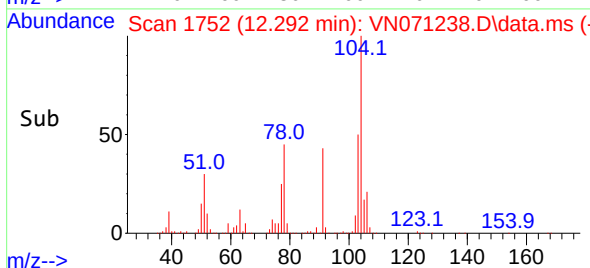
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

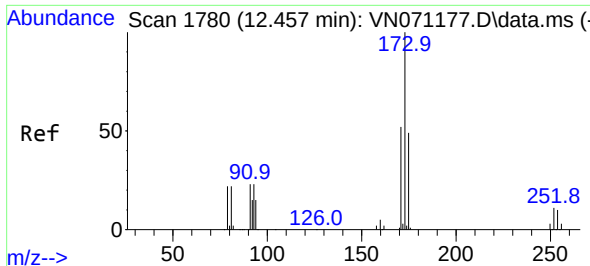


#70
Styrene
Concen: 49.483 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



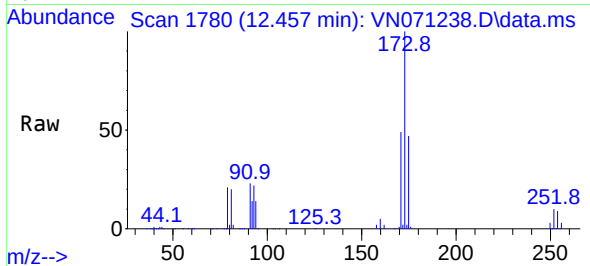
Tgt Ion:104 Resp: 1080576
Ion Ratio Lower Upper
104 100
78 50.5 38.7 58.1
103 54.3 45.0 67.6





#71
Bromoform
Concen: 48.424 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

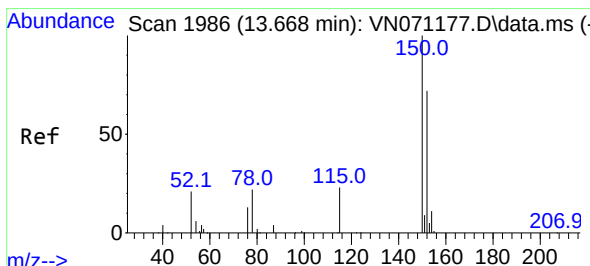
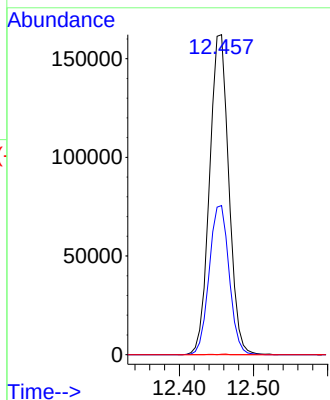
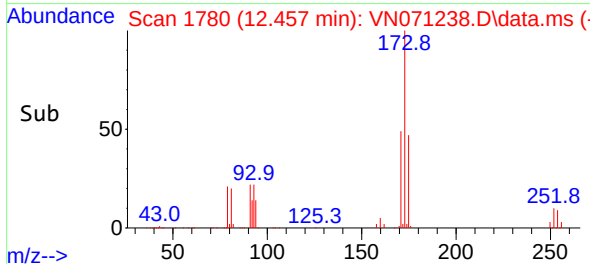
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



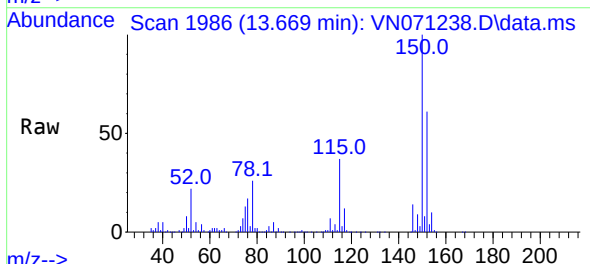
Tgt Ion:173 Resp: 293380
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
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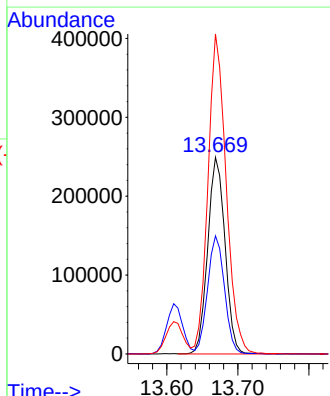
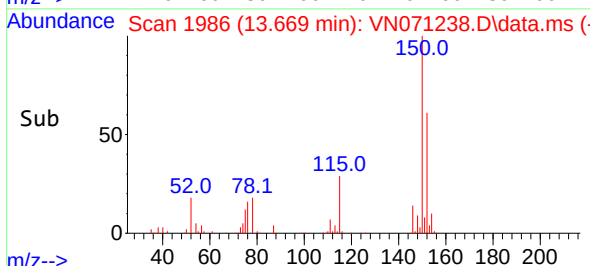
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

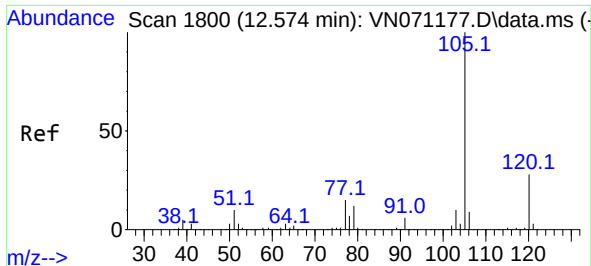


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion:152 Resp: 422845
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 171.5 0.0 344.4





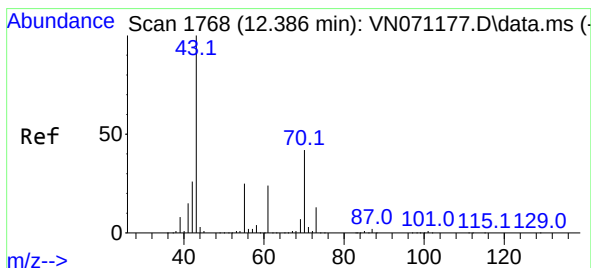
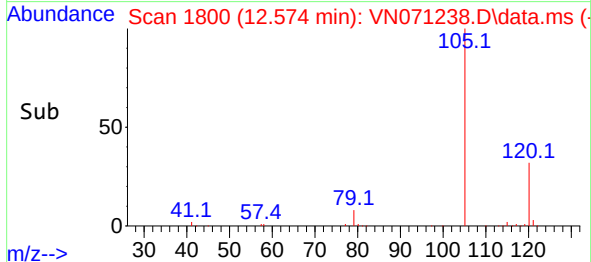
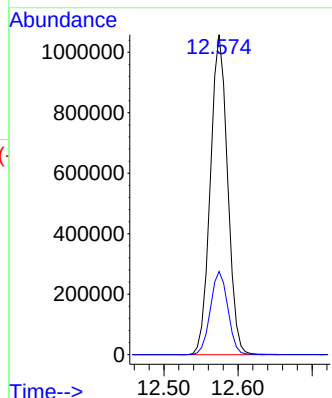
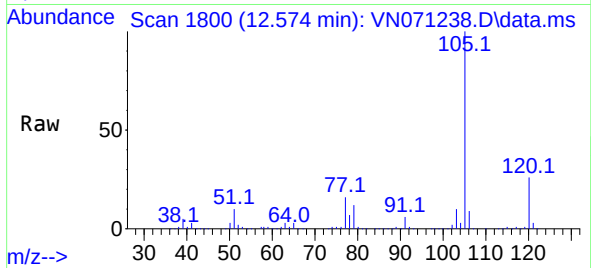
#73
Isopropylbenzene
Concen: 41.890 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1707502
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

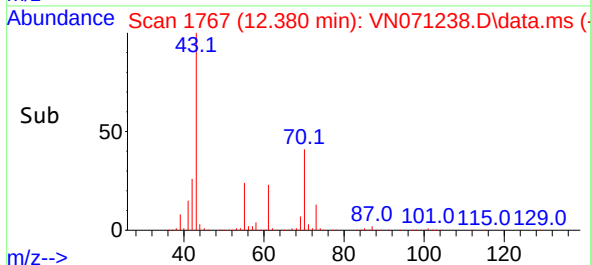
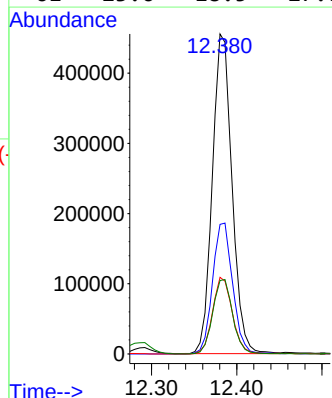
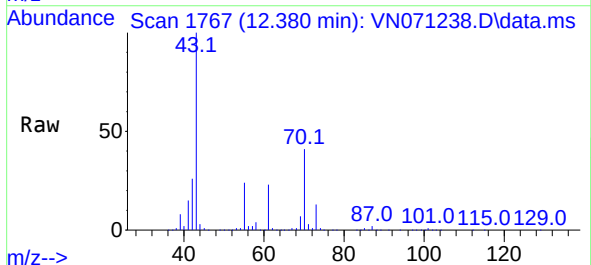
Manual Integrations
APPROVED

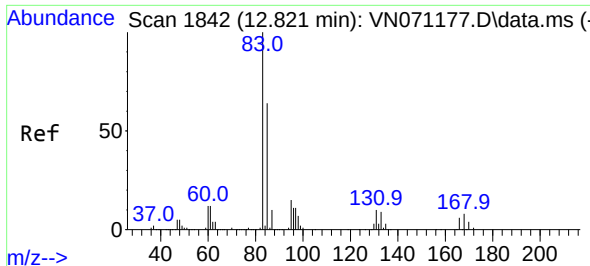
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 47.827 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

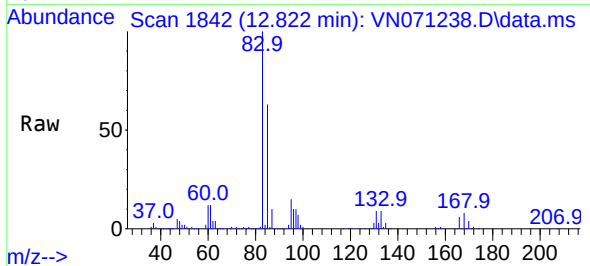
Tgt Ion: 43 Resp: 733004
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 24.1 19.3 28.9
61 23.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.278 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

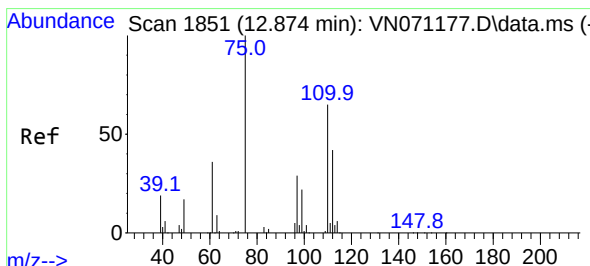
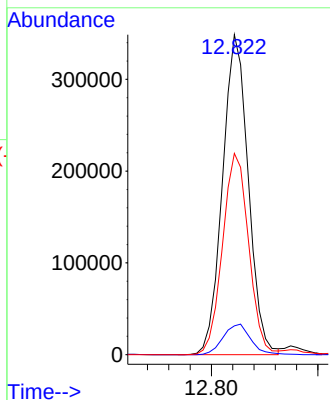
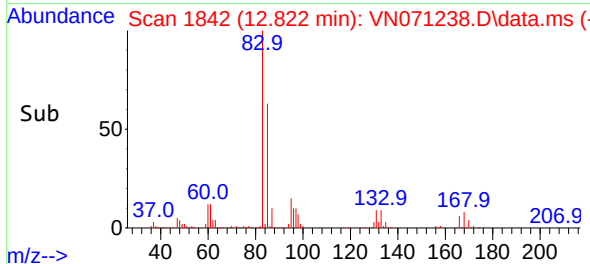
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



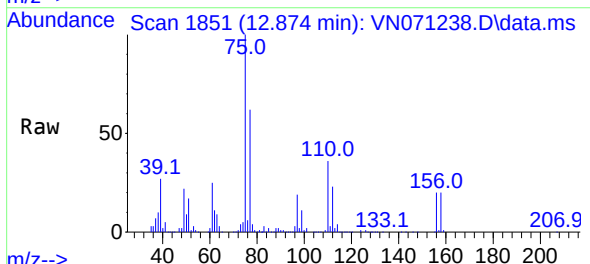
Tgt Ion: 83 Resp: 58585
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

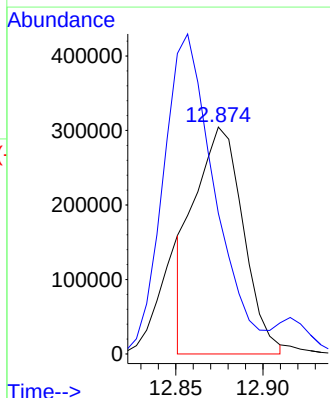
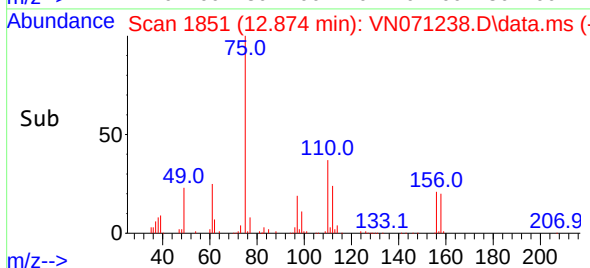
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

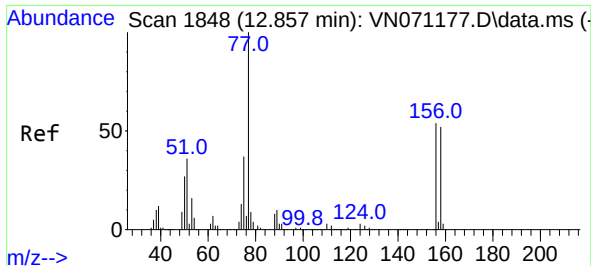


#76
1,2,3-Trichloropropane
Concen: 58.271 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion: 75 Resp: 592398
Ion Ratio Lower Upper
75 100
77 150.2 82.6 247.8





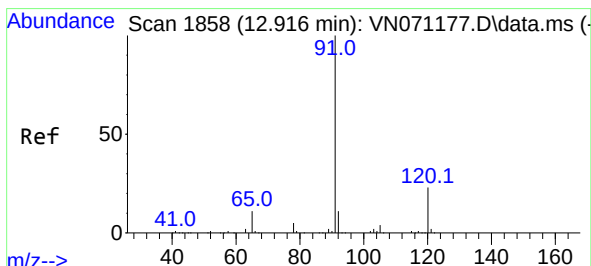
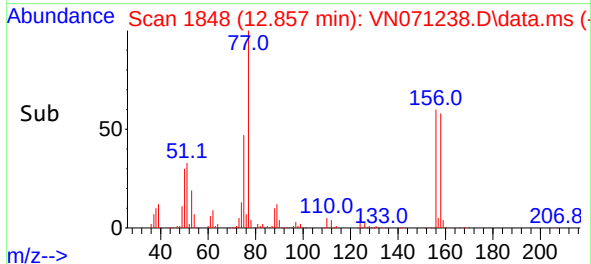
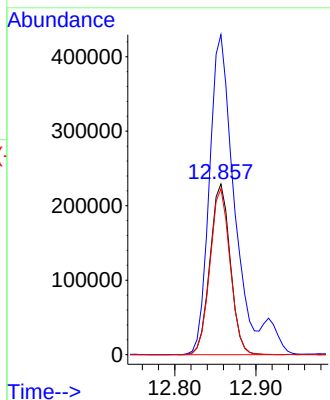
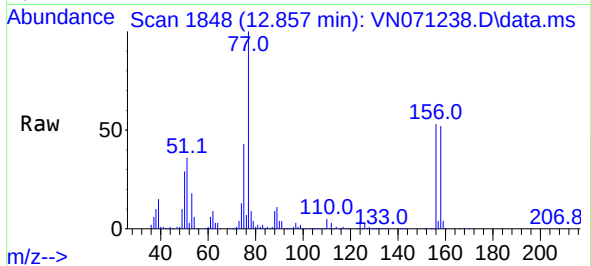
#77
Bromobenzene
Concen: 41.846 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 39774
Ion Ratio Lower Upper
156 100
77 223.8 90.6 271.8
158 96.4 48.9 146.7

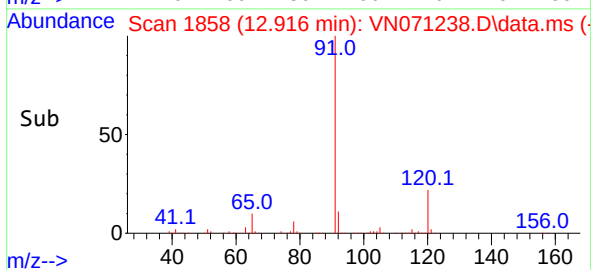
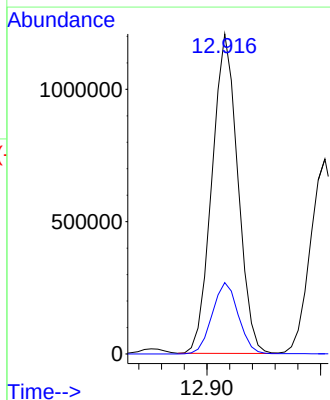
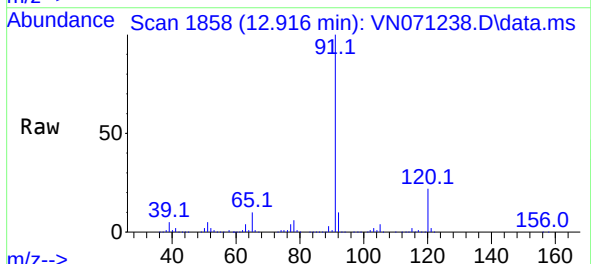
Manual Integrations
APPROVED

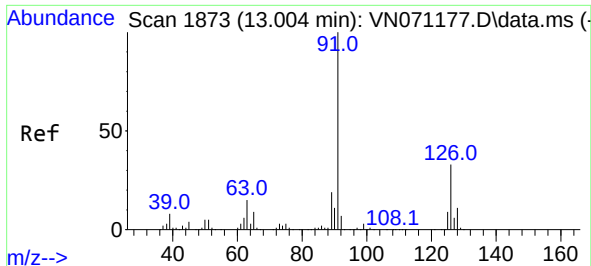
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#78
n-propylbenzene
Concen: 43.584 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion: 91 Resp: 1906379
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





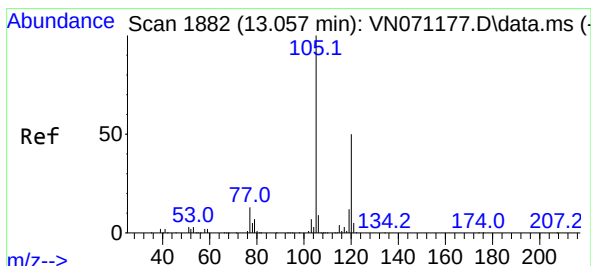
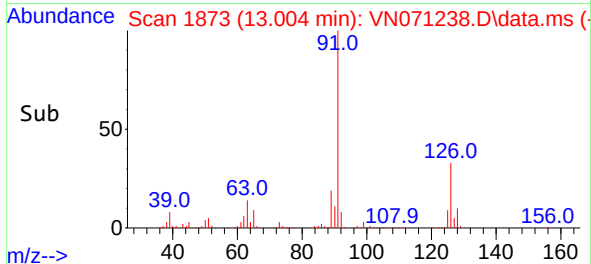
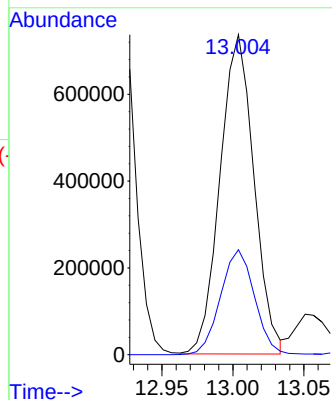
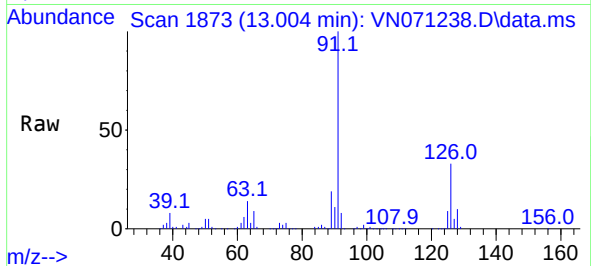
#79
2-Chlorotoluene
Concen: 43.536 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 122240
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

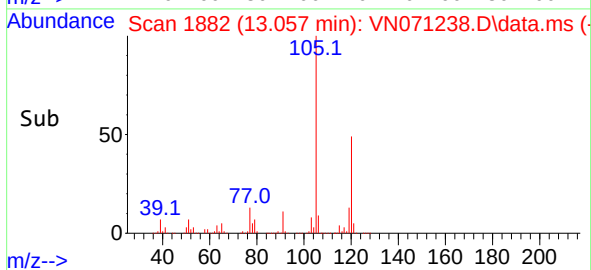
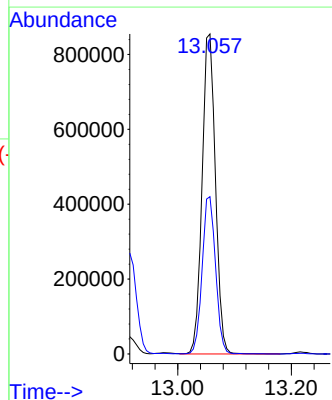
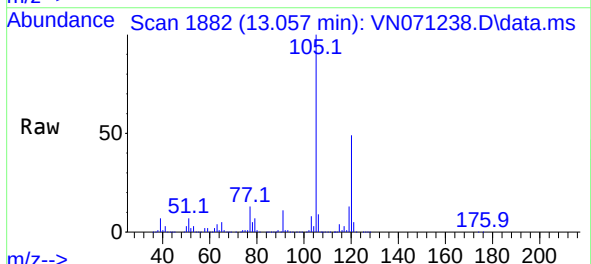
Manual Integrations
APPROVED

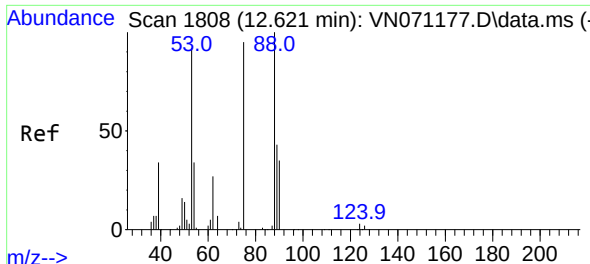
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 43.874 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion:105 Resp: 1391351
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





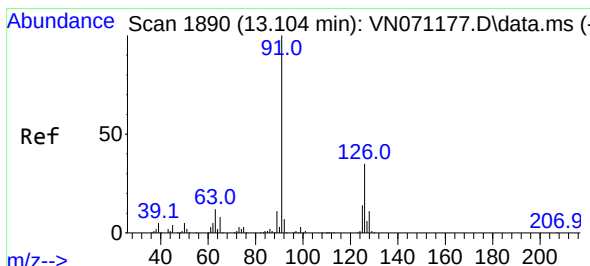
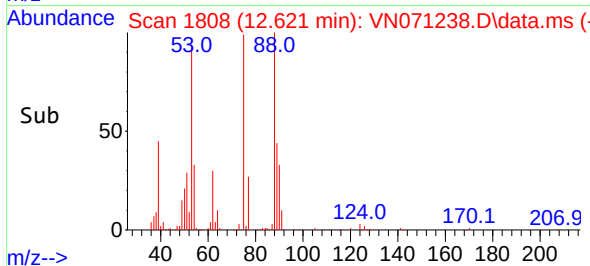
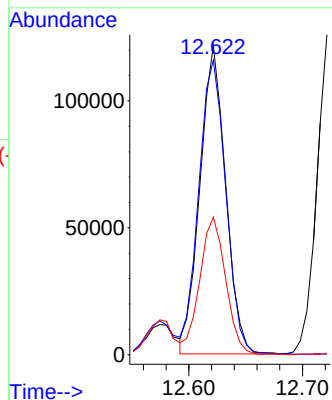
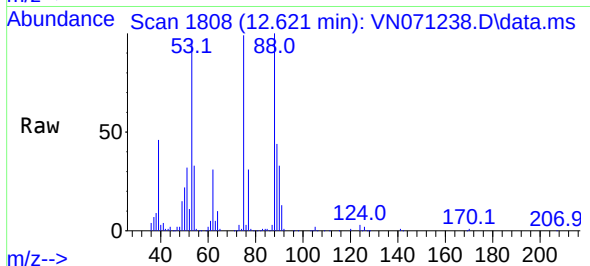
#81
trans-1,4-Dichloro-2-butene
Concen: 48.725 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 190592
Ion Ratio Lower Upper
75 100
53 100.5 90.5 135.7
89 44.7 38.2 57.4

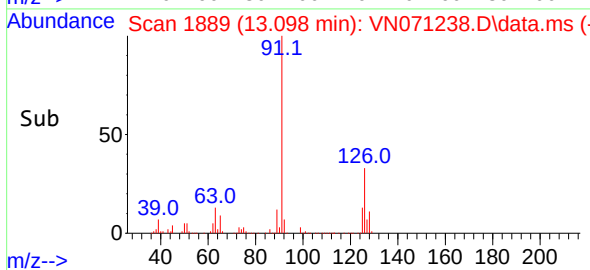
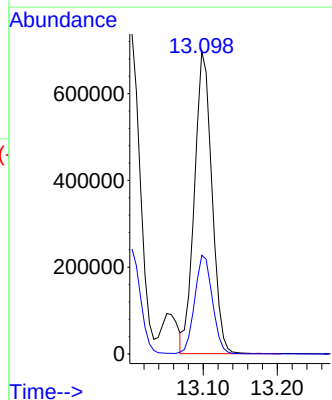
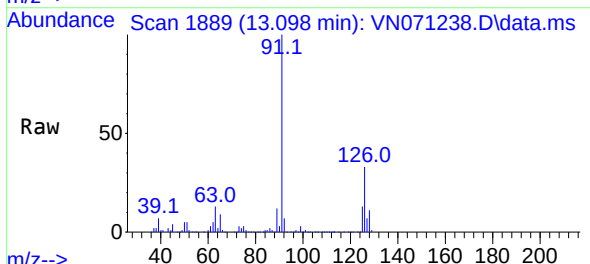
Manual Integrations
APPROVED

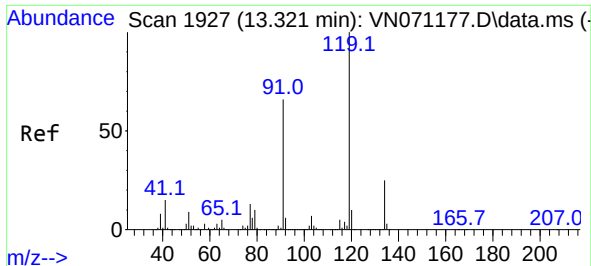
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 45.610 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

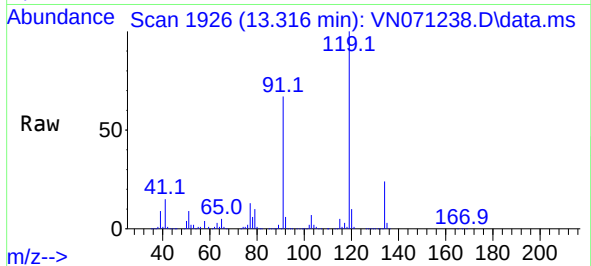
Tgt Ion: 91 Resp: 1140704
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 43.907 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

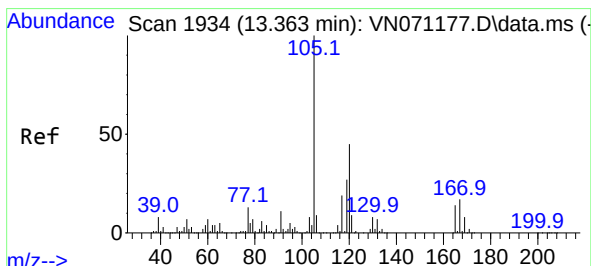
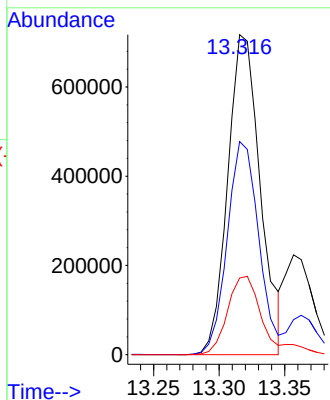
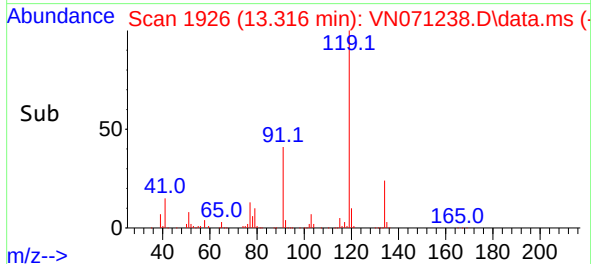
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



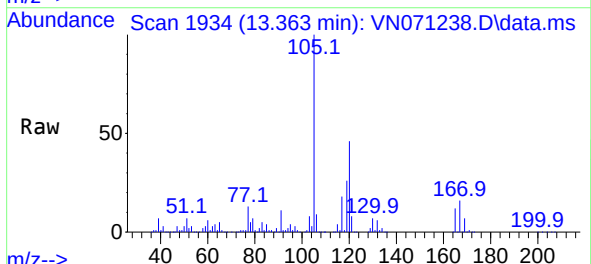
Tgt Ion:119 Resp: 1242629
Ion Ratio Lower Upper
119 100
91 64.1 31.5 94.5
134 26.6 12.4 37.4

Manual Integrations
APPROVED

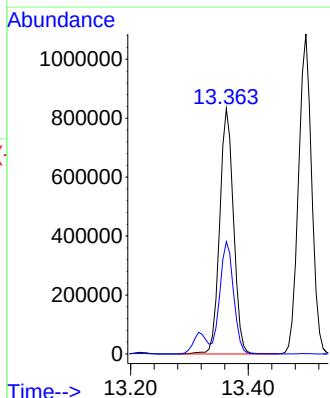
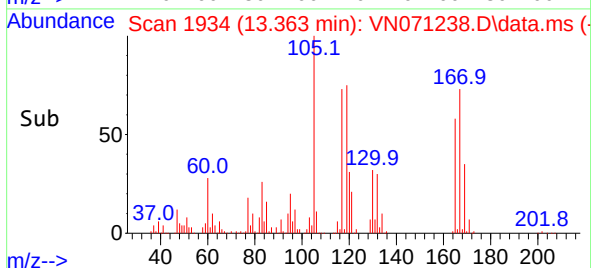
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

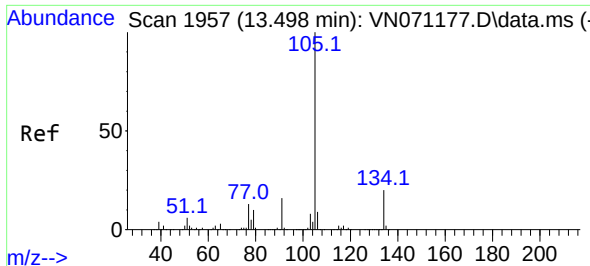


#84
1,2,4-Trimethylbenzene
Concen: 44.719 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



Tgt Ion:105 Resp: 1358367
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 44.663 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071238.D
 Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

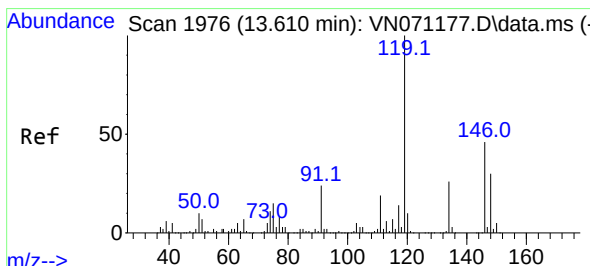
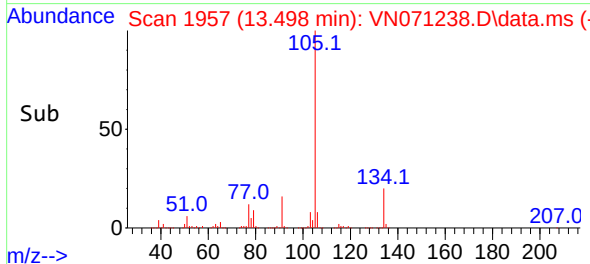
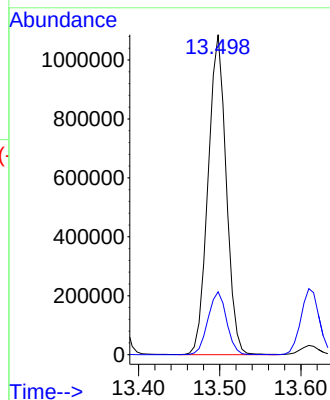
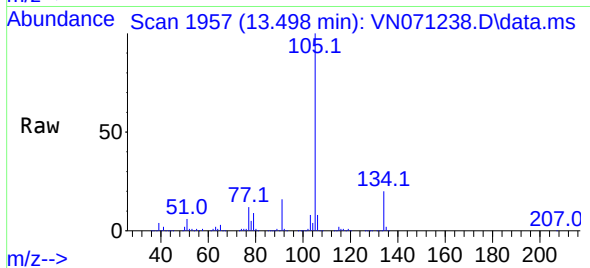
VSTDCCC050EC

Tgt Ion:105 Resp: 168008
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations

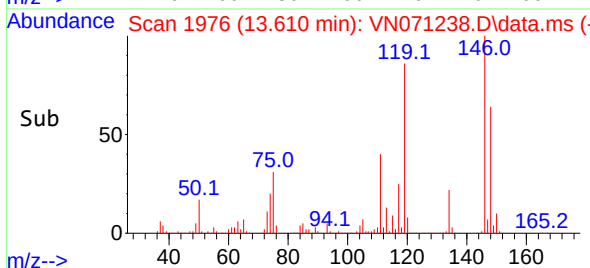
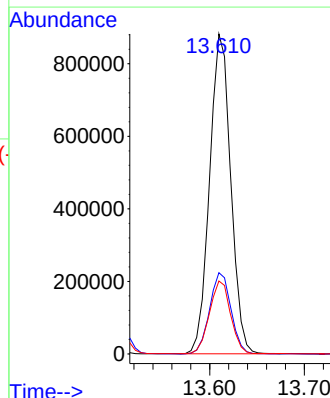
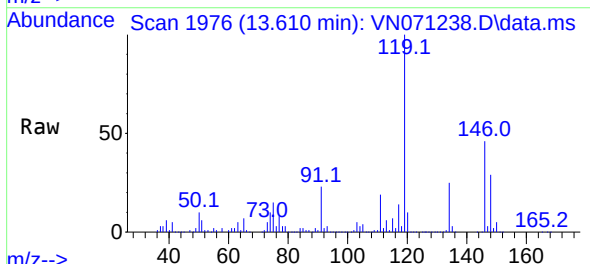
APPROVED

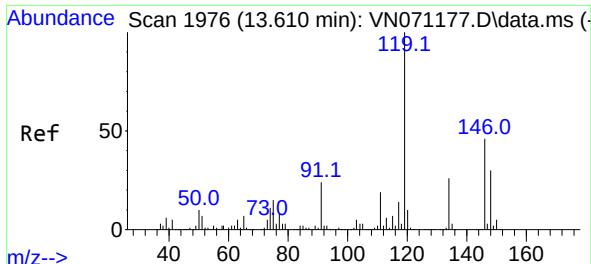
Reviewed By :John Carlone 03/11/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#86
 p-Isopropyltoluene
 Concen: 46.263 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071238.D
 Acq: 10 Mar 2022 18:34

Tgt Ion:119 Resp: 1368617
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 43.565 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071238.D

Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

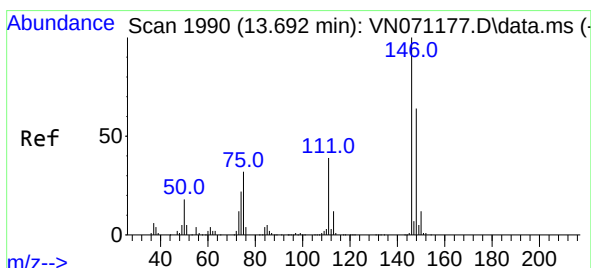
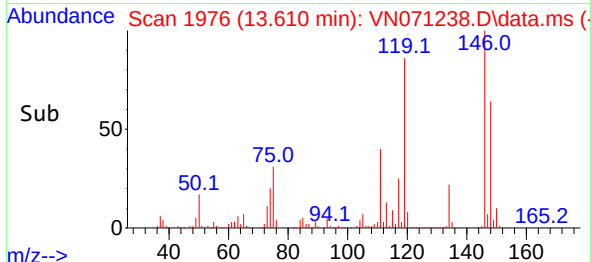
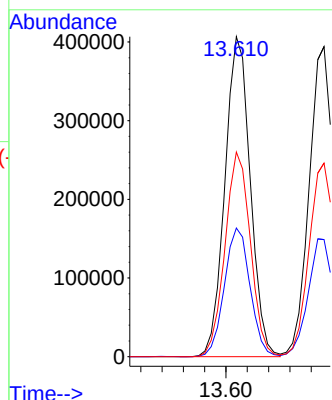
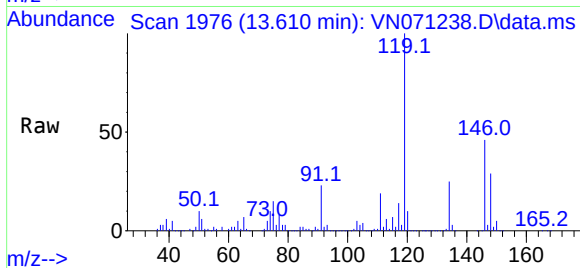
Tgt Ion:146 Resp: 672820
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.6 55.6
 148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2022

Supervised By :Mahesh Dadoda 03/15/2022



#88

1,4-Dichlorobenzene

Concen: 43.074 ug/l

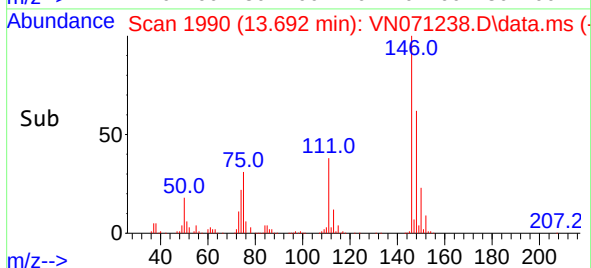
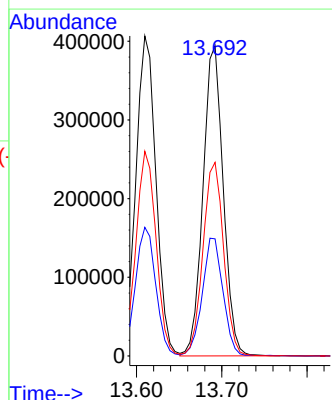
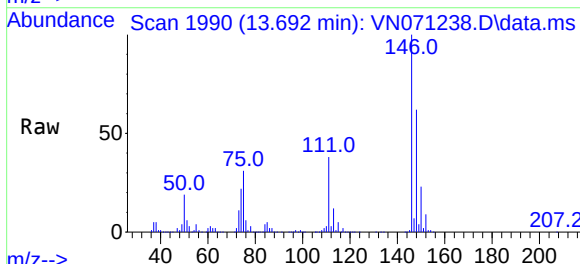
RT: 13.692 min Scan# 1990

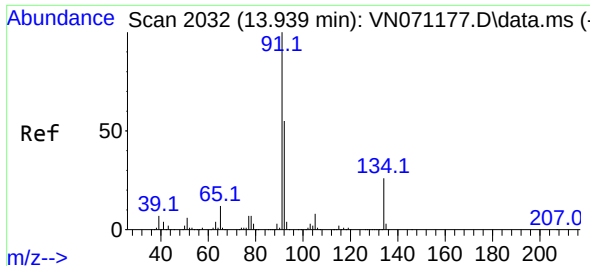
Delta R.T. 0.000 min

Lab File: VN071238.D

Acq: 10 Mar 2022 18:34

Tgt Ion:146 Resp: 650268
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.3 54.8
 148 63.7 31.8 95.4





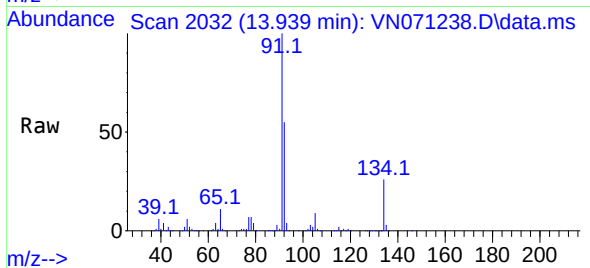
#89
n-Butylbenzene
Concen: 46.002 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

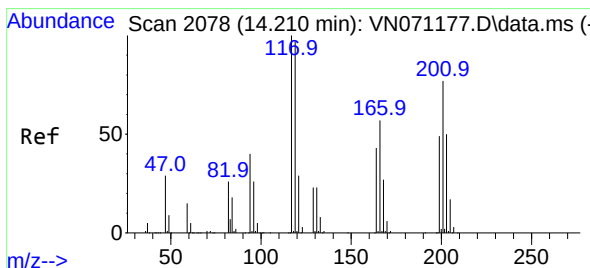
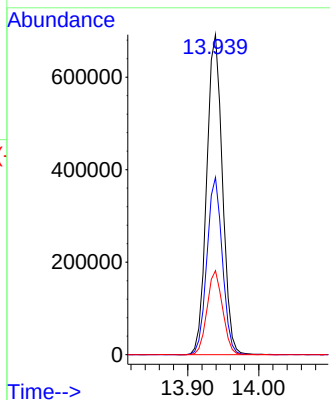
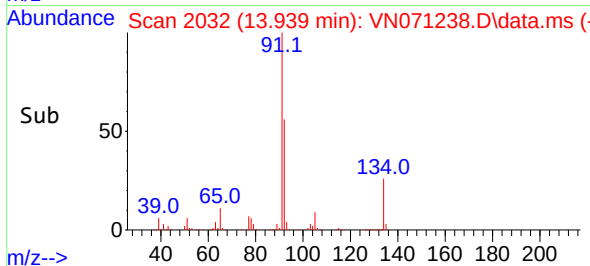


Tgt Ion: 91 Resp: 106441
Ion Ratio Lower Upper
91 100
92 54.4 25.4 76.0
134 26.0 13.6 40.8

Manual Integrations

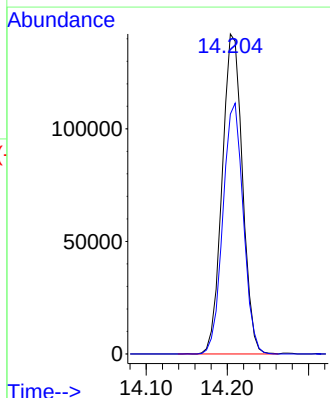
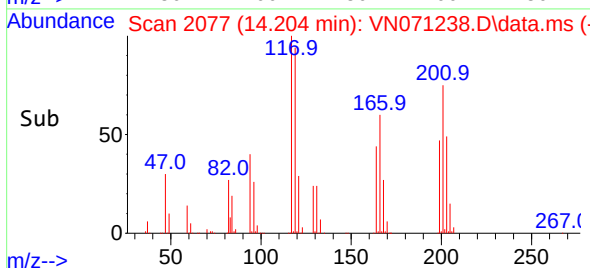
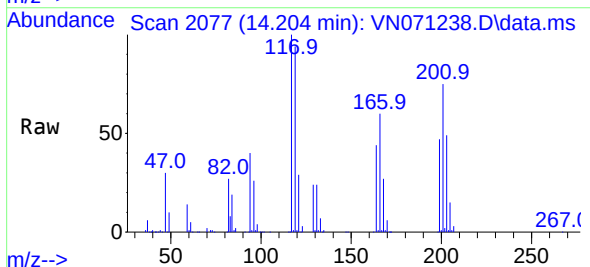
APPROVED

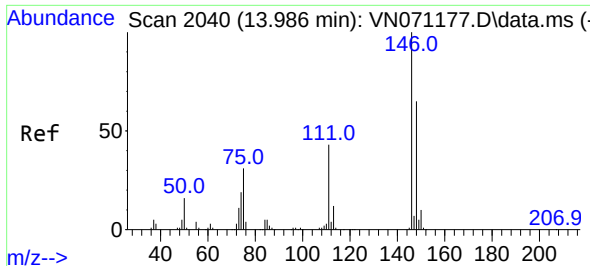
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 42.049 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion:117 Resp: 247376
Ion Ratio Lower Upper
117 100
201 78.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.124 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

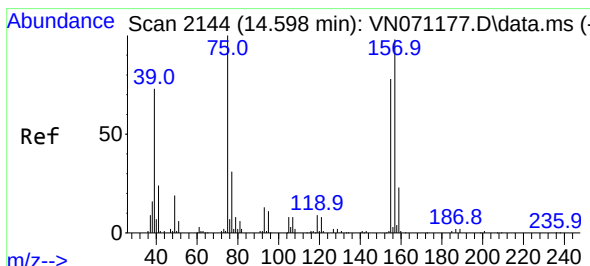
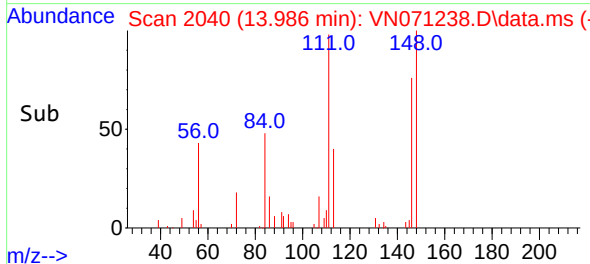
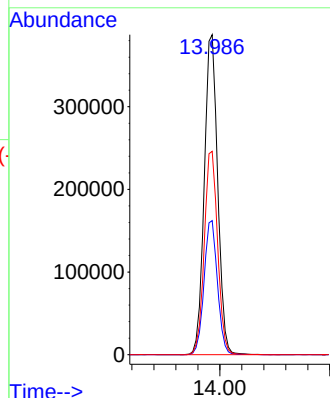
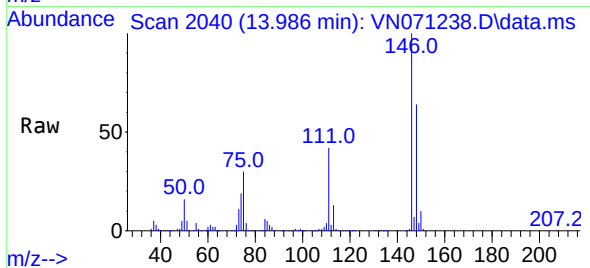
VSTDCCC050EC

Tgt Ion:146 Resp: 655144
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations

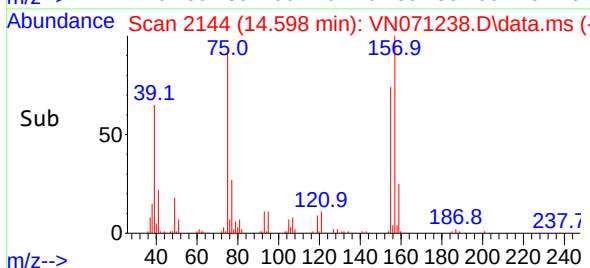
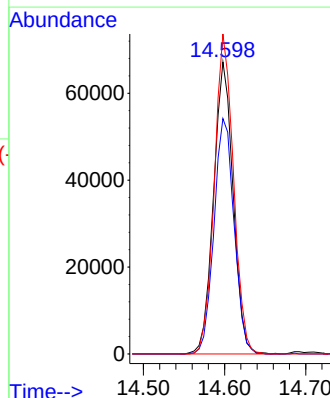
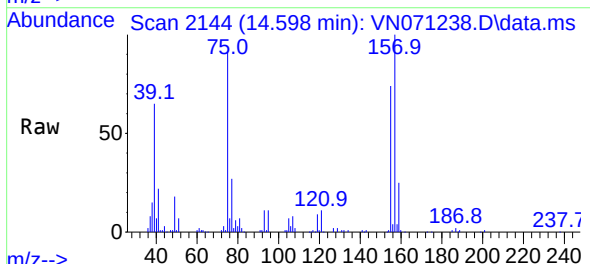
APPROVED

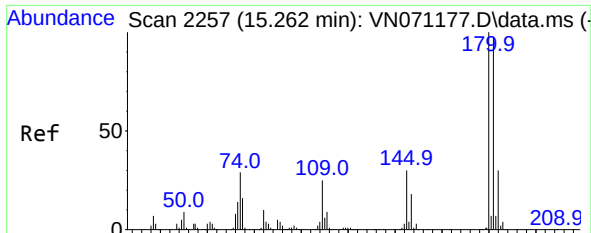
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.501 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

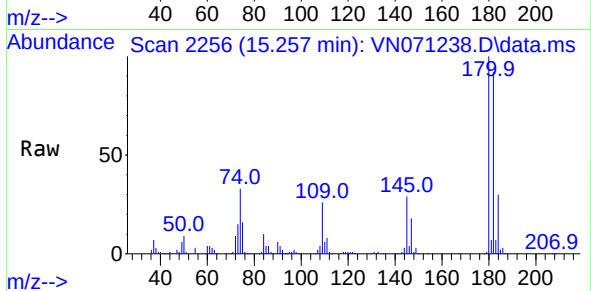
Tgt Ion: 75 Resp: 112657
Ion Ratio Lower Upper
75 100
155 82.7 46.9 140.7
157 107.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.626 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

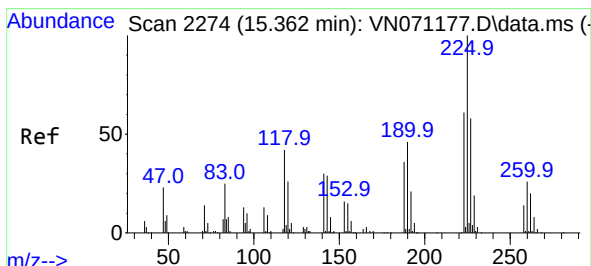
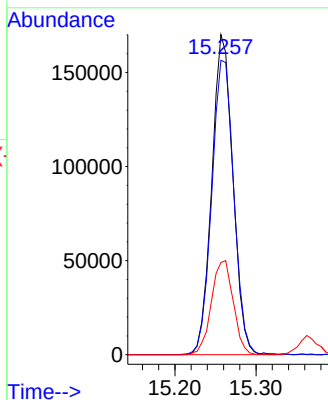
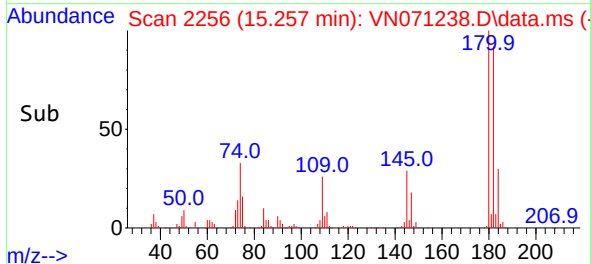
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



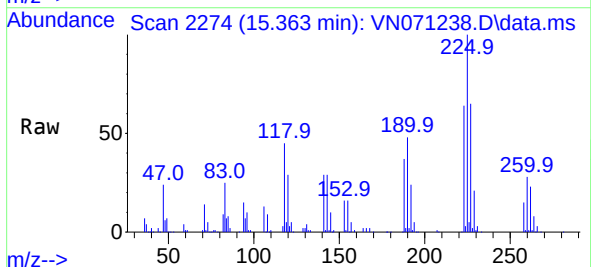
Tgt Ion:180 Resp: 30687
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
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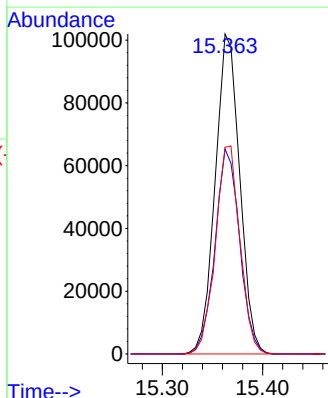
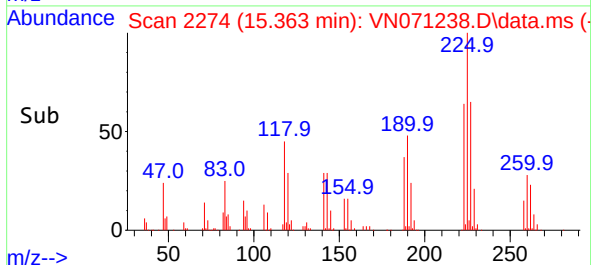
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

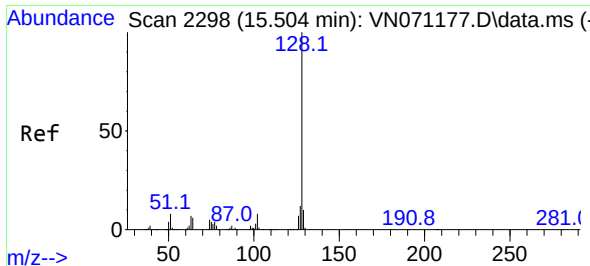


#94
Hexachlorobutadiene
Concen: 41.467 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34



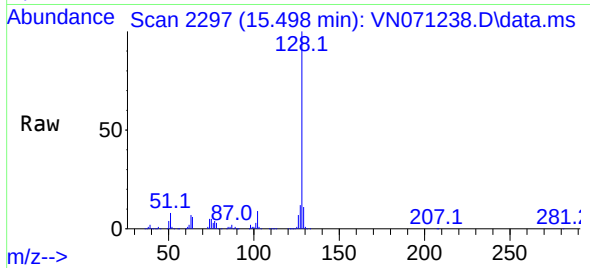
Tgt Ion:225 Resp: 172846
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 64.9 32.1 96.3





#95
Naphthalene
Concen: 51.627 ug/l
RT: 15.498 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

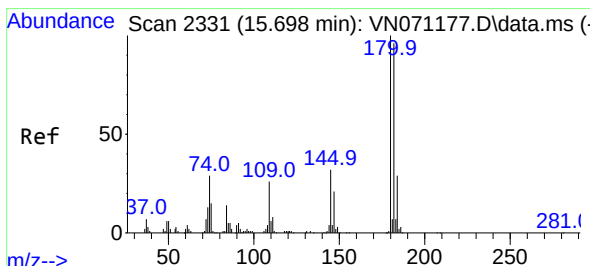
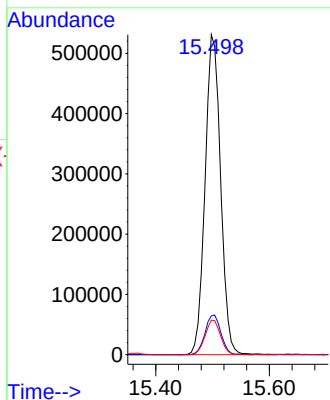
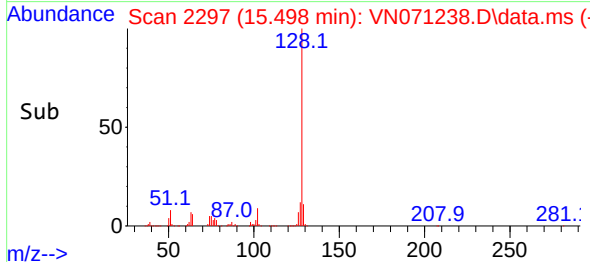
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 100431
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.927 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071238.D
Acq: 10 Mar 2022 18:34

Tgt Ion:180 Resp: 317371
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 31.4 15.0 45.1

