

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071817.D
 Acq On : 02 Apr 2022 22:59
 Operator : JC\MD
 Sample : N2242-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Apr 04 01:12:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	684939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1134675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1203915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	552799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	379991	48.596	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.200%
35) Dibromofluoromethane	8.022	113	322085	48.239	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.480%
50) Toluene-d8	10.440	98	1469195	53.790	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.580%
62) 4-Bromofluorobenzene	12.728	95	574090	64.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	129.980%

Target Compounds				Qvalue		
3) Chloromethane	2.234	50	24732	3.584	ug/l #	43
6) Chloroethane	3.240	64	1103	0.202	ug/l #	42
11) Tert butyl alcohol	5.363	59	83542	65.835	ug/l #	72
13) Acrolein	4.005	56	33979	21.961	ug/l #	1
14) Allyl chloride	4.957	41	58828	6.411	ug/l #	50
15) Acrylonitrile	5.622	53	80269	21.762	ug/l #	35
16) Acetone	4.269	43	317755	95.087	ug/l #	59
17) Carbon Disulfide	4.546	76	9374	0.723	ug/l	100
18) Methyl Acetate	4.934	43	16173	0.454	ug/l #	48
19) Methyl tert-butyl Ether	5.610	73	3603536	171.572	ug/l #	26
20) Methylene Chloride	4.957	84	15191	2.157	ug/l #	20
22) Diisopropyl ether	6.493	45	15557	0.779	ug/l #	80
23) Vinyl Acetate	6.399	43	13183	0.830	ug/l #	68
24) 1,1-Dichloroethane	6.387	63	4109	0.350	ug/l #	82
25) 2-Butanone	7.334	43	46432	9.638	ug/l #	85
28) Bromochloromethane	7.840	49	7249	1.532	ug/l #	8
29) Tetrahydrofuran	7.681	42	3064	0.982	ug/l #	33
30) Chloroform	7.781	83	62781	5.070	ug/l #	18
31) Cyclohexane	8.093	56	328393	30.882	ug/l #	88
36) 1,1-Dichloropropene	8.087	75	47986	5.146	ug/l #	48
37) Ethyl Acetate	7.334	43	46432	4.550	ug/l #	67
38) Carbon Tetrachloride	8.087	117	60616	6.633	ug/l #	17
39) Methylcyclohexane	9.457	83	406304	36.607	ug/l	96
40) Benzene	8.457	78	13041497	442.771	ug/l	99
41) Methacrylonitrile	7.681	41	16403	3.283	ug/l #	37
42) 1,2-Dichloroethane	8.463	62	104807	10.286	ug/l	99
43) Isopropyl Acetate	8.557	43	86611	5.102	ug/l #	53
45) 1,2-Dichloropropane	9.451	63	4656	0.633	ug/l #	1
47) Bromodichloromethane	9.740	83	28224	2.870	ug/l #	26
48) Methyl methacrylate	9.510	41	28000	3.976	ug/l #	27
51) 4-Methyl-2-Pentanone	10.328	43	48664	4.986	ug/l	99
52) Toluene	10.504	92	15062242	808.979	ug/l #	73
53) t-1,3-Dichloropropene	10.504	75	173753	16.858	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	83551	10.904	ug/l #	21
56) Ethyl methacrylate	10.798	69	10678	0.977	ug/l #	30
58) 2-Chloroethyl Vinyl ether	10.028	63	4585	18.237	ug/l #	44

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

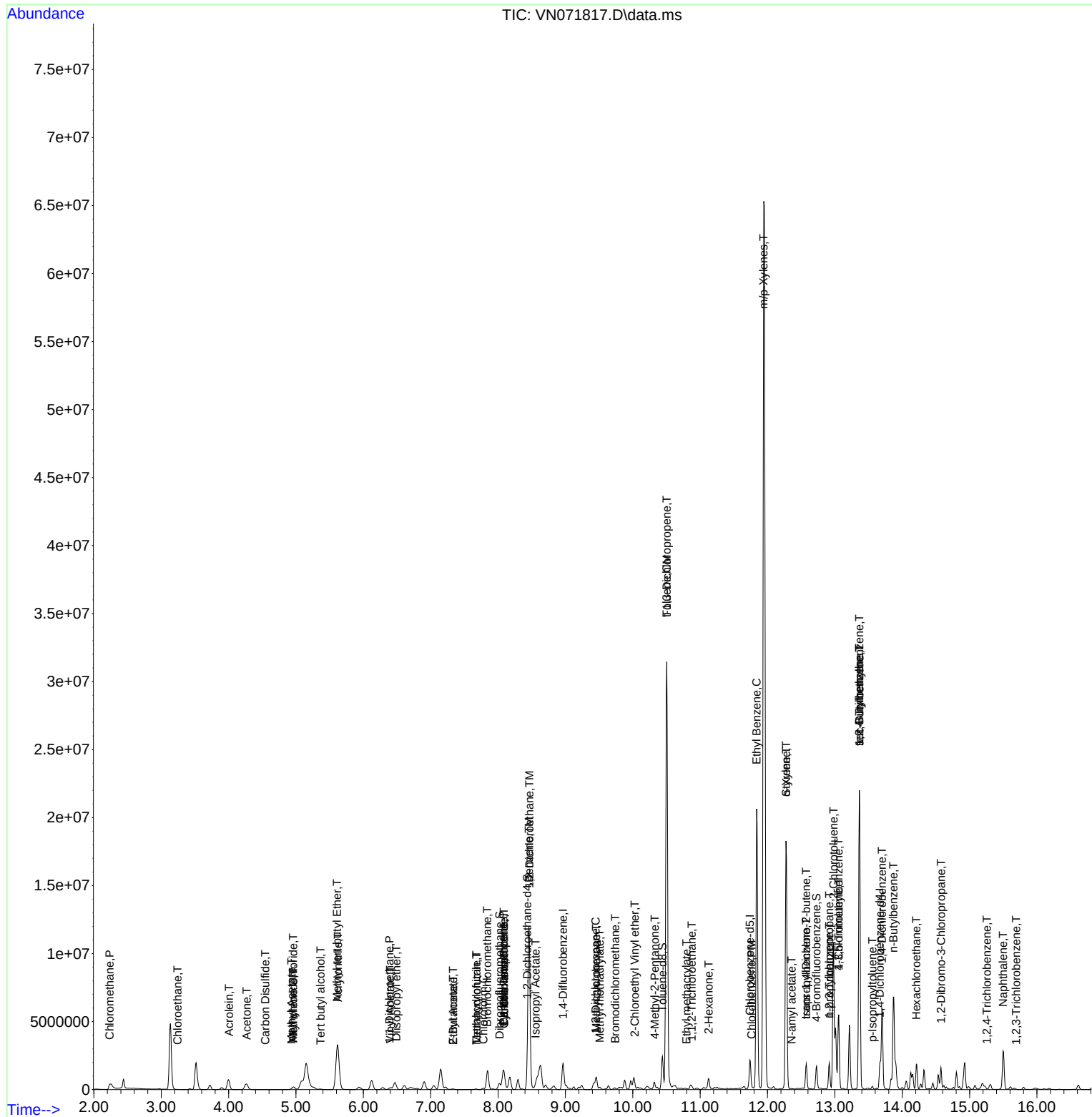
59) 2-Hexanone	11.128	43	41883	6.095	ug/l	76
65) Chlorobenzene	11.763	112	13972	0.580	ug/l #	87
67) Ethyl Benzene	11.839	91	14757290	361.615	ug/l	92
68) m/p-Xylenes	11.939	106	20680968	1318.945	ug/l #	1
69) o-Xylene	12.275	106	5366932	344.844	ug/l	97
70) Styrene	12.275	104	263962	11.194	ug/l #	1
73) Isopropylbenzene	12.575	105	1215030	26.083	ug/l	100
74) N-amyl acetate	12.357	43	10556	0.791	ug/l #	46
76) 1,2,3-Trichloropropane	12.916	75	9455	0.738	ug/l #	1
78) n-propylbenzene	12.916	91	1548749	31.607	ug/l	100
79) 2-Chlorotoluene	12.981	91	1165352	37.084	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.057	105	3081477	83.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	13273	3.212	ug/l #	57
82) 4-Chlorotoluene	13.057	91	294149	10.098	ug/l #	40
83) tert-Butylbenzene	13.363	119	1617236	47.935	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.363	105	12496113	347.006	ug/l	98
85) sec-Butylbenzene	13.363	105	12496113	285.722	ug/l #	56
86) p-Isopropyltoluene	13.557	119	115193	3.303	ug/l #	76
88) 1,4-Dichlorobenzene	13.698	146	4402	0.243	ug/l #	58
89) n-Butylbenzene	13.869	91	859676	33.238	ug/l #	51
90) Hexachloroethane	14.210	117	92202	14.444	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.575	75	5022	2.083	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	359	2.125	ug/l #	45
95) Naphthalene	15.498	128	2684644	102.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	230	2.440	ug/l #	36

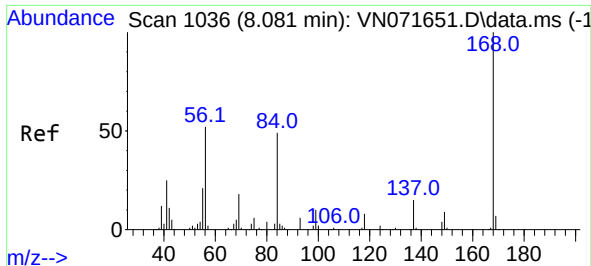
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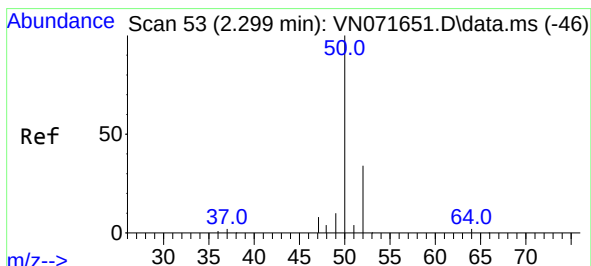
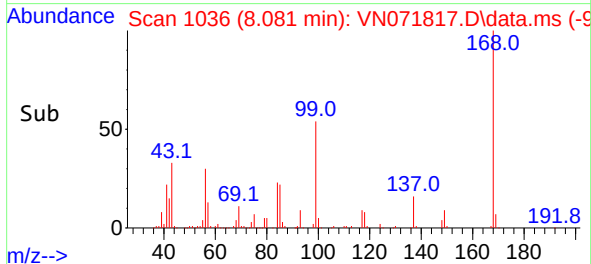
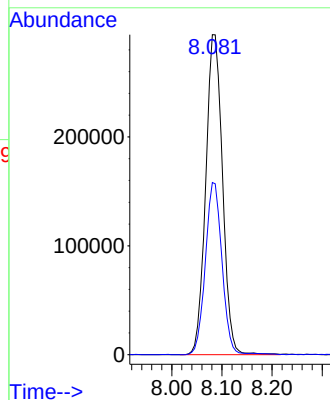
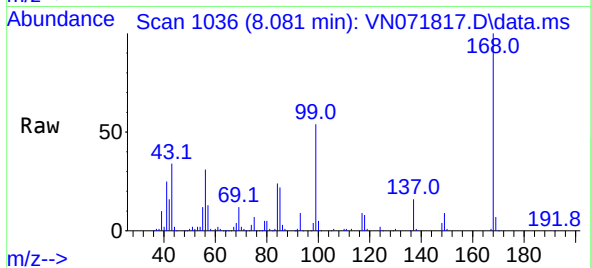




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
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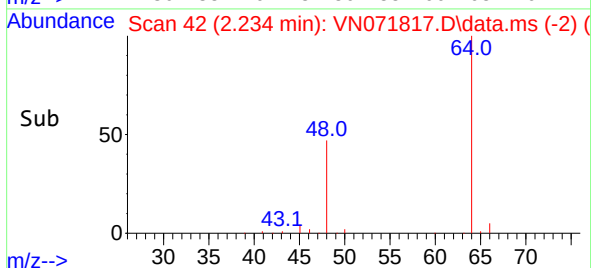
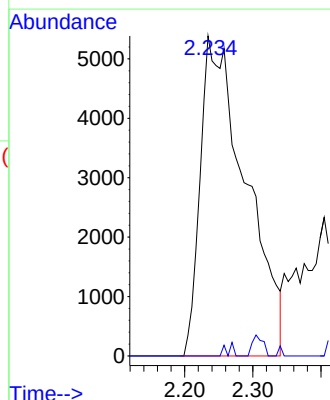
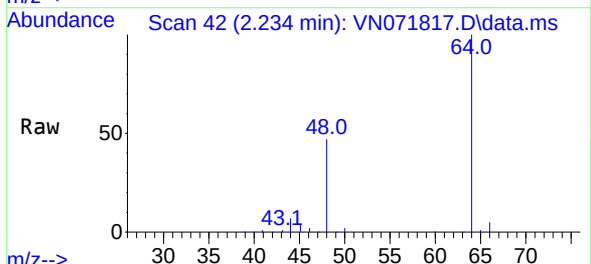
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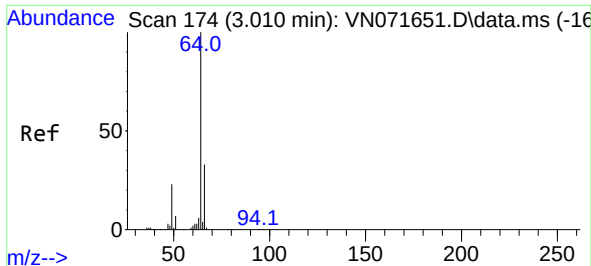
Tgt Ion:168 Resp: 684939
Ion Ratio Lower Upper
168 100
99 53.8 42.3 63.5



#3
Chloromethane
Concen: 3.584 ug/l
RT: 2.234 min Scan# 42
Delta R.T. -0.065 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 50 Resp: 24732
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

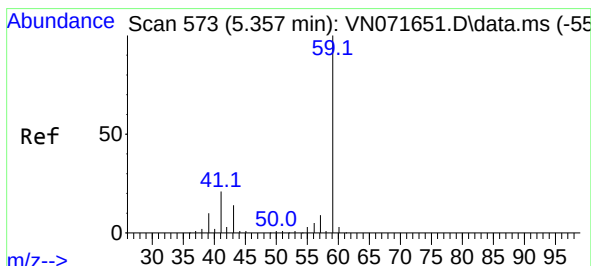
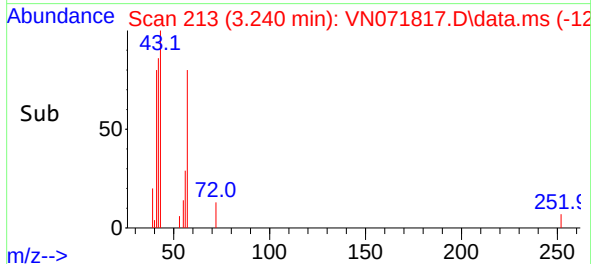
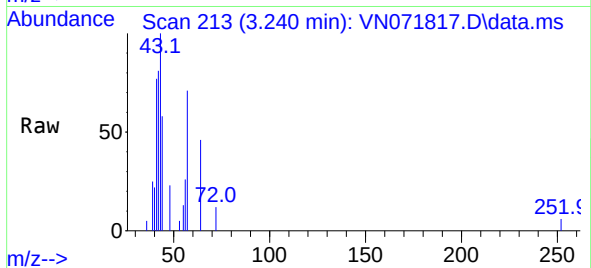




#6
Chloroethane
Concen: 0.202 ug/l
RT: 3.240 min Scan# 213
Delta R.T. 0.230 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

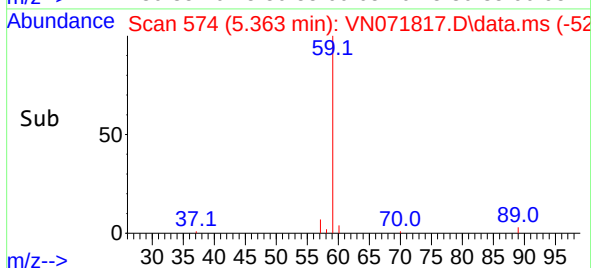
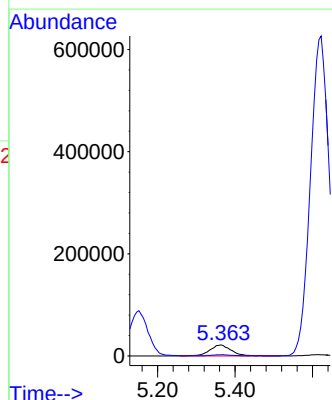
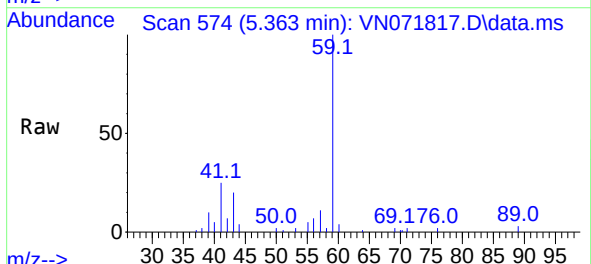
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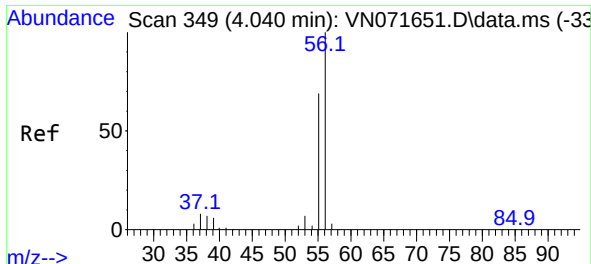
Tgt Ion: 64 Resp: 1103
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 65.835 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071817.D
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Tgt Ion: 59 Resp: 83542
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

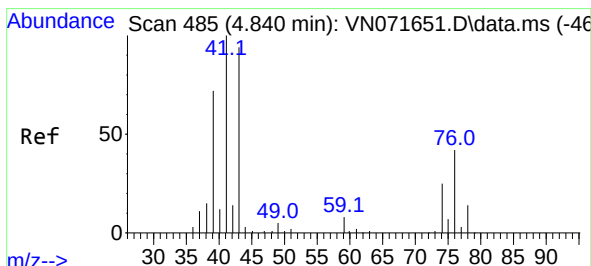
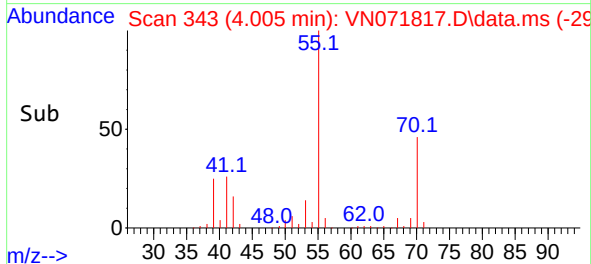
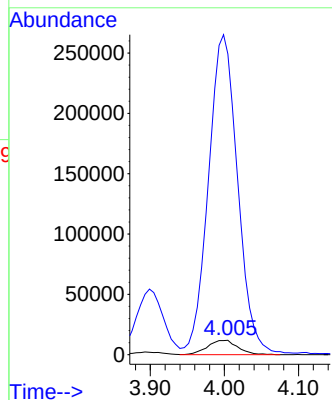
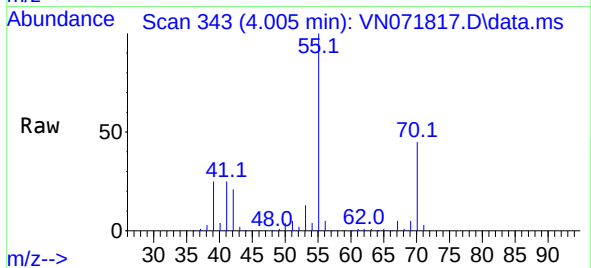




#13
Acrolein
Concen: 21.961 ug/l
RT: 4.005 min Scan# 34
Delta R.T. -0.035 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

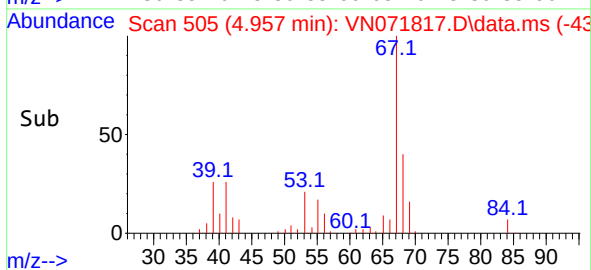
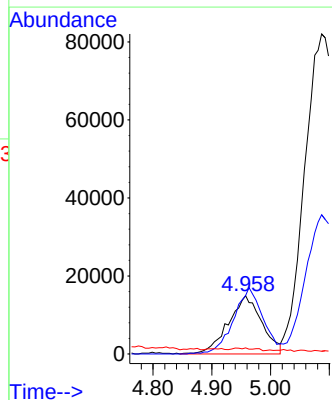
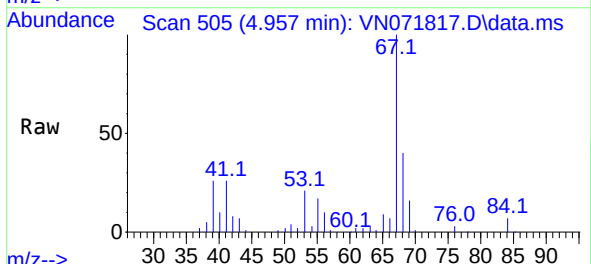
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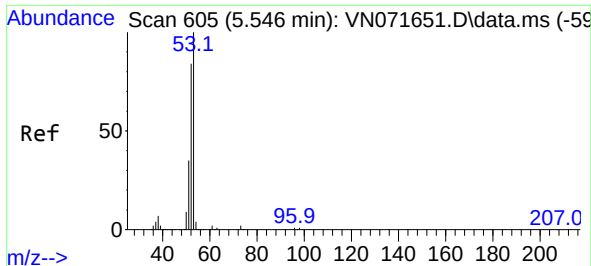
Tgt Ion: 56 Resp: 33979
Ion Ratio Lower Upper
56 100
55 2118.4 54.8 82.2#



#14
Allyl chloride
Concen: 6.411 ug/l
RT: 4.957 min Scan# 505
Delta R.T. 0.117 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 41 Resp: 58828
Ion Ratio Lower Upper
41 100
39 102.3 53.2 79.8#
76 2.4 29.9 44.9#

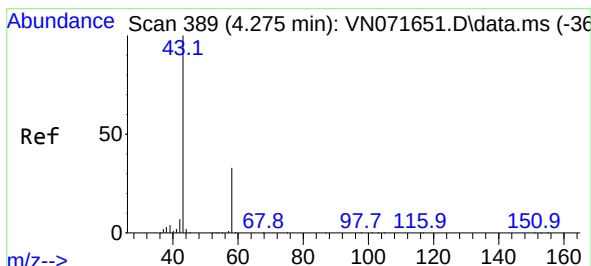
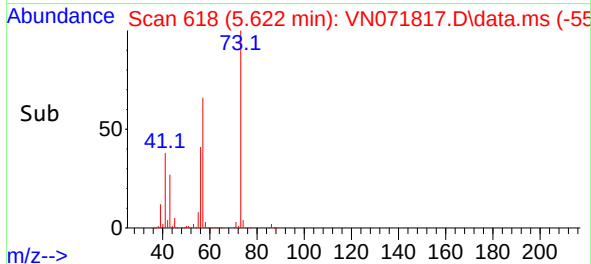
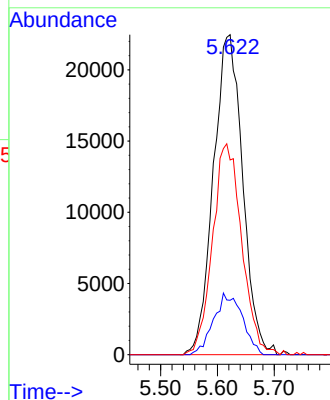
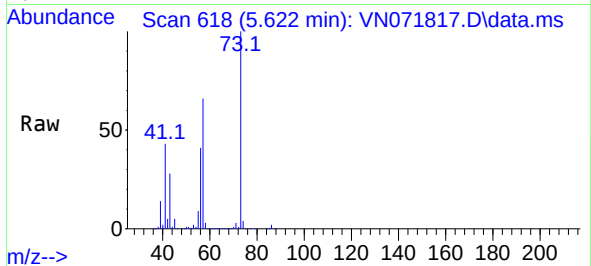




#15
Acrylonitrile
Concen: 21.762 ug/l
RT: 5.622 min Scan# 61
Delta R.T. 0.076 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

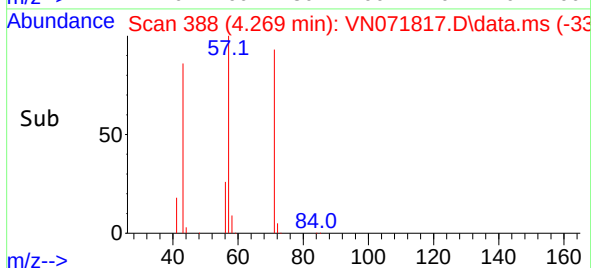
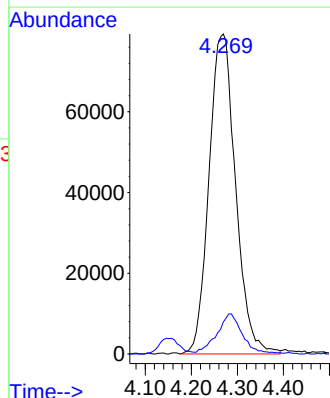
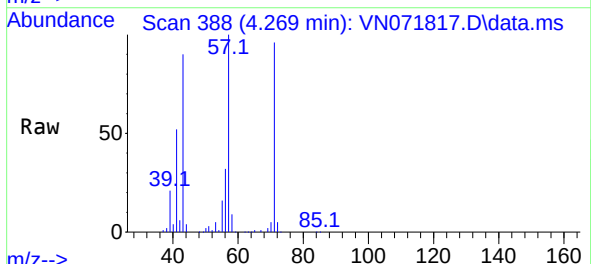
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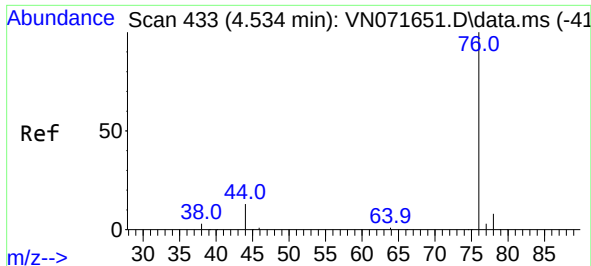
Tgt Ion: 53 Resp: 80269
Ion Ratio Lower Upper
53 100
52 18.9 66.4 99.6#
51 65.7 28.5 42.7#



#16
Acetone
Concen: 95.087 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 317755
Ion Ratio Lower Upper
43 100
58 9.5 26.0 39.0#

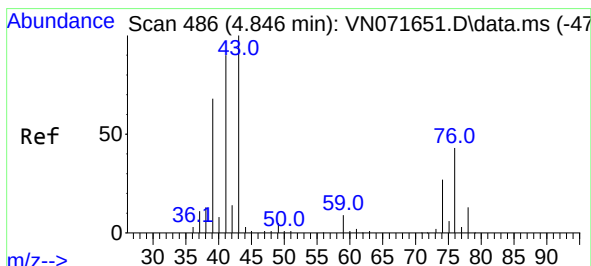
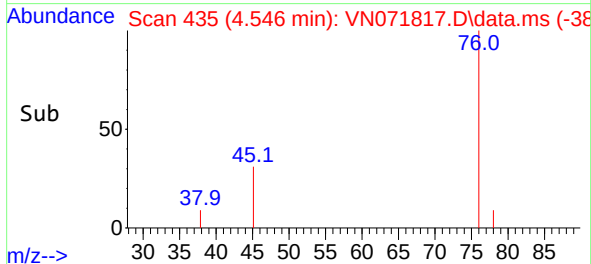
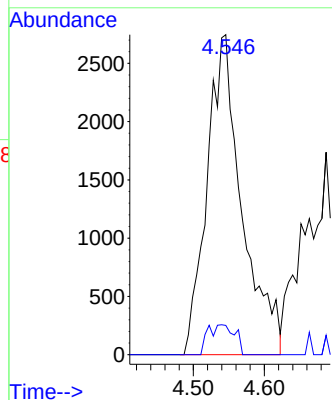
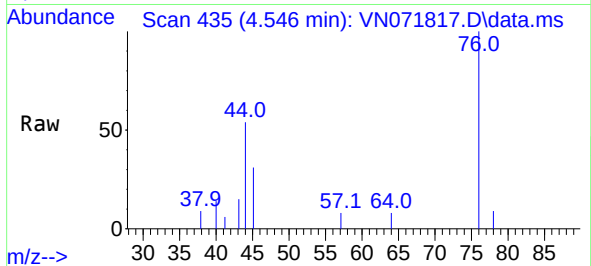




#17
Carbon Disulfide
Concen: 0.723 ug/l
RT: 4.546 min Scan# 41
Delta R.T. 0.012 min
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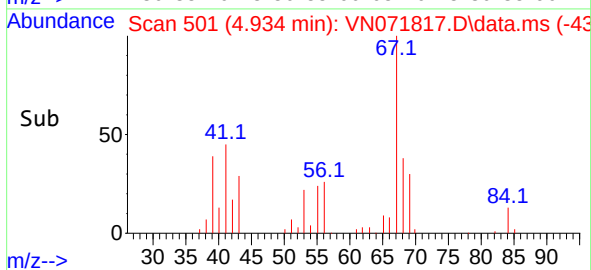
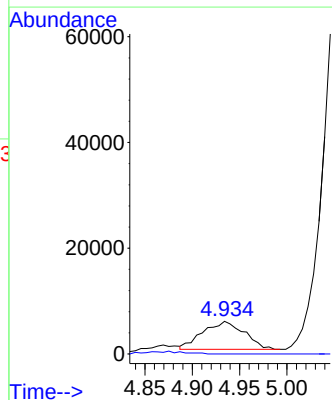
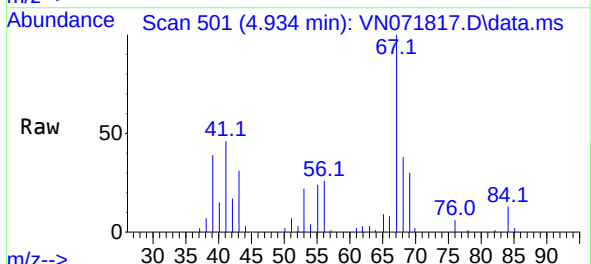
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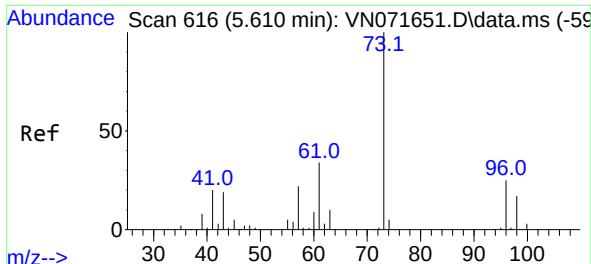
Tgt Ion: 76 Resp: 9374
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 0.454 ug/l
RT: 4.934 min Scan# 501
Delta R.T. 0.088 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 16173
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

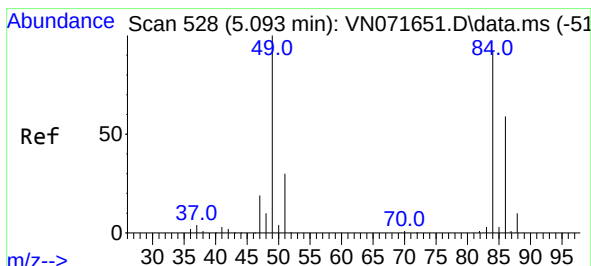
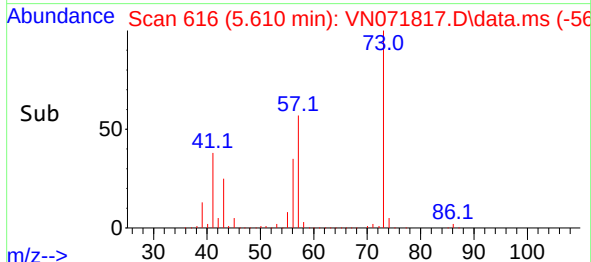
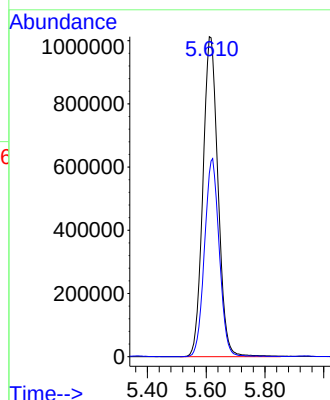
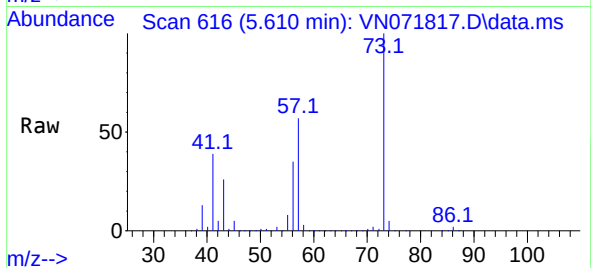




#19
Methyl tert-butyl Ether
Concen: 171.572 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071817.D
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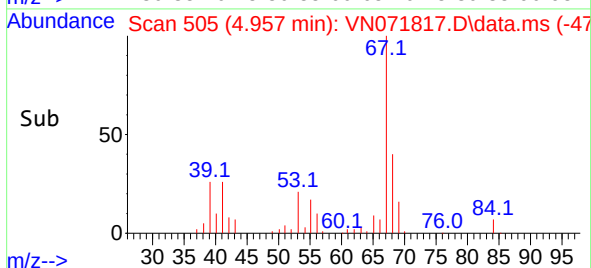
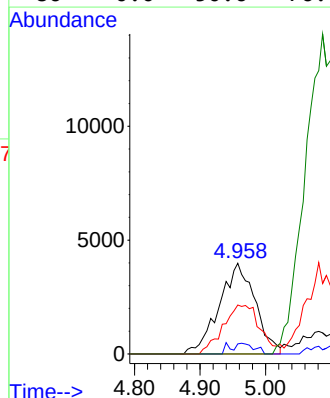
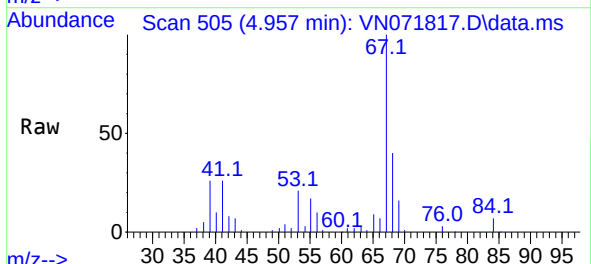
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ClientSampleId :
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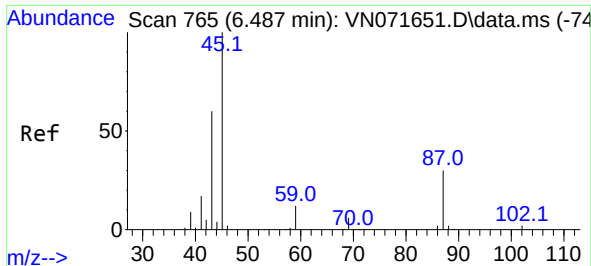
Tgt Ion: 73 Resp: 3603536
Ion Ratio Lower Upper
73 100
57 57.3 17.6 26.4#



#20
Methylene Chloride
Concen: 2.157 ug/l
RT: 4.957 min Scan# 505
Delta R.T. -0.136 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 84 Resp: 15191
Ion Ratio Lower Upper
84 100
49 11.2 88.3 132.5#
51 53.9 28.2 42.2#
86 0.0 50.6 76.0#

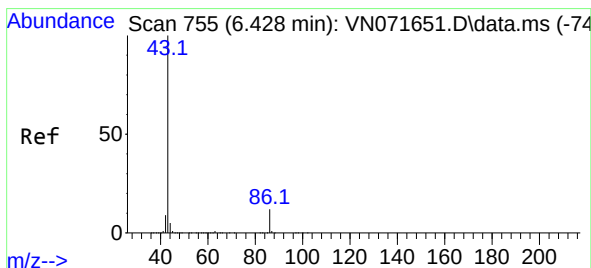
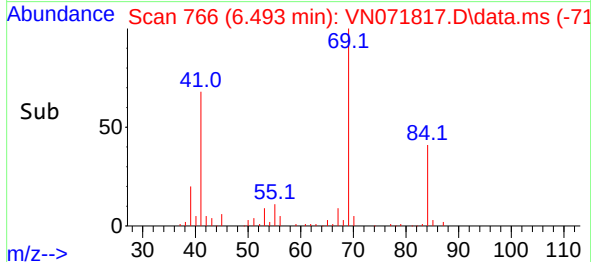
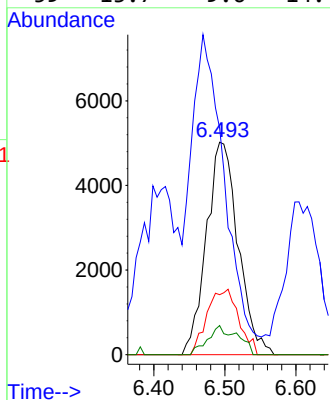
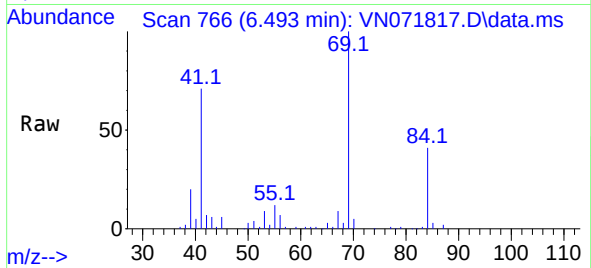




#22
Diisopropyl ether
Concen: 0.779 ug/l
RT: 6.493 min Scan# 701
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

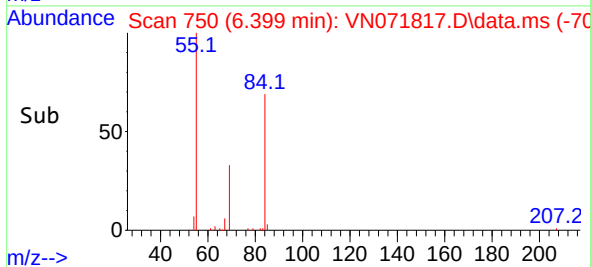
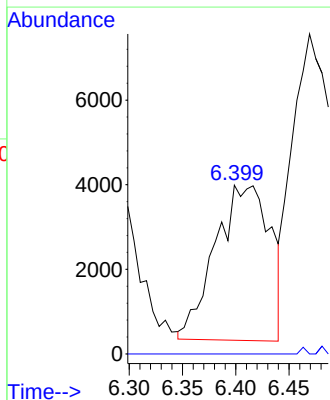
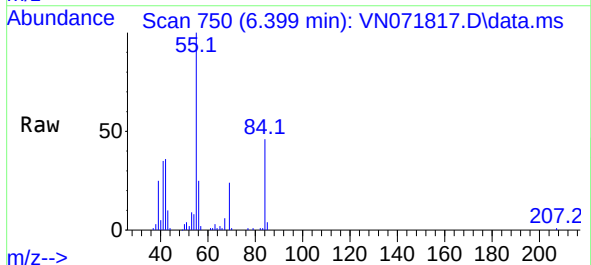
Instrument :
MSVOA_N
ClientSampleId :
MW-3

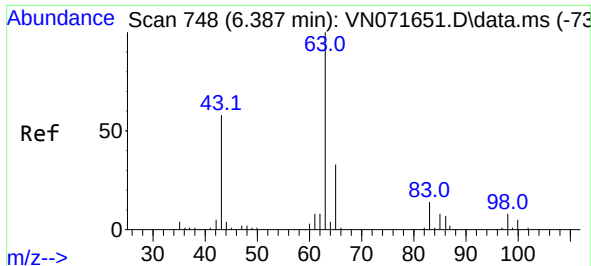
Tgt Ion:	45	Resp:	15557
Ion	Ratio	Lower	Upper
45	100		
43	81.5	46.6	70.0#
87	28.2	24.3	36.5
59	13.7	9.6	14.4



#23
Vinyl Acetate
Concen: 0.830 ug/l
RT: 6.399 min Scan# 750
Delta R.T. -0.029 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:	43	Resp:	13183
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#

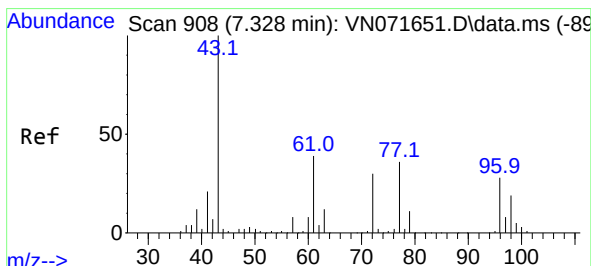
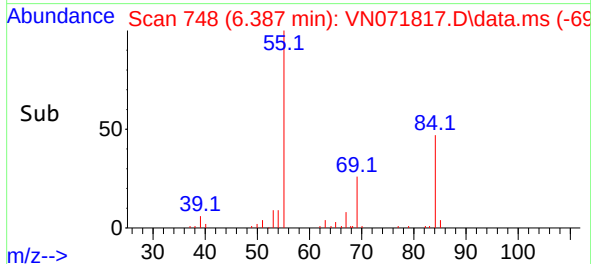
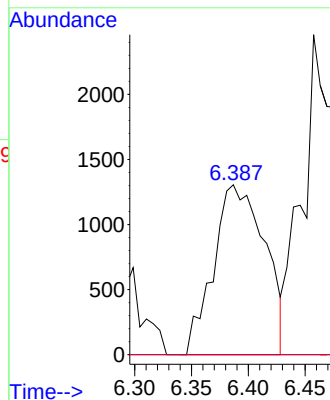
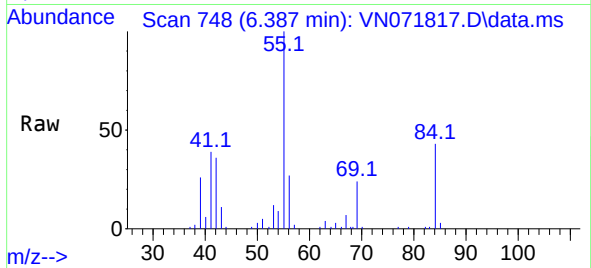




#24
1,1-Dichloroethane
Concen: 0.350 ug/l
RT: 6.387 min Scan# 741
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

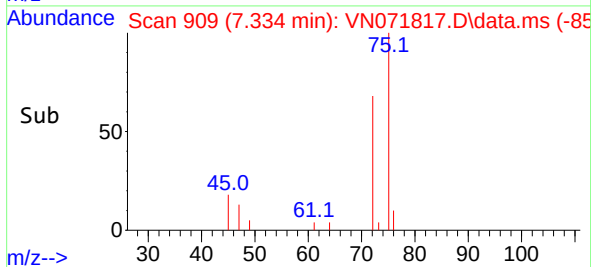
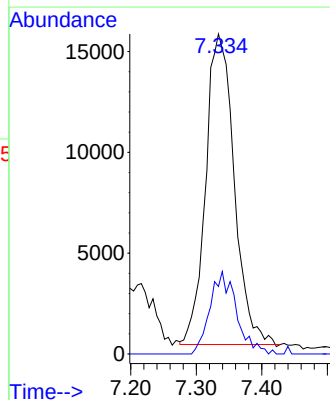
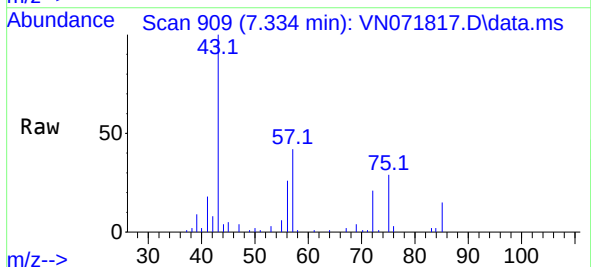
Instrument :
MSVOA_N
ClientSampleId :
MW-3

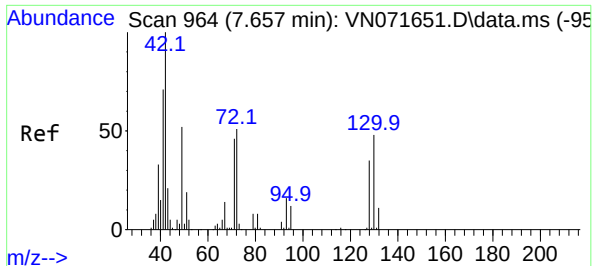
Tgt Ion: 63 Resp: 4109
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 9.638 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 46432
Ion Ratio Lower Upper
43 100
72 21.7 23.7 35.5#

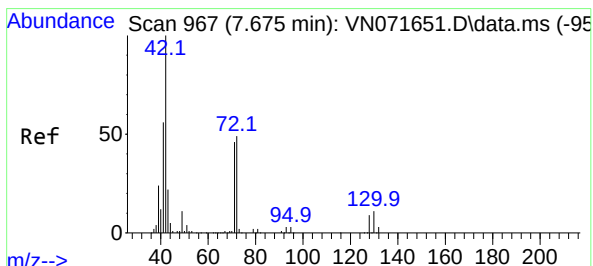
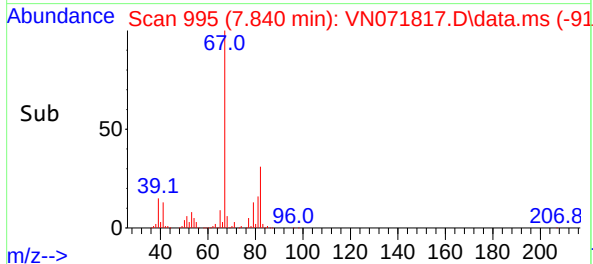
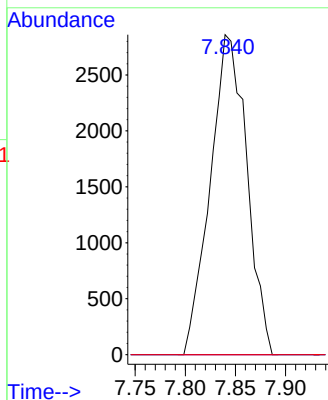
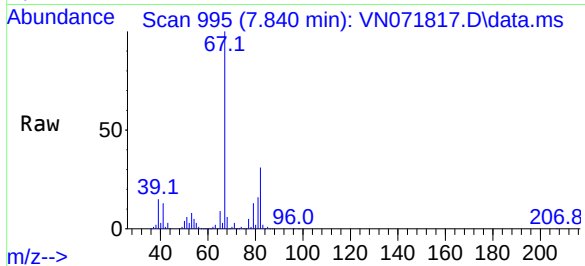




#28
Bromochloromethane
Concen: 1.532 ug/l
RT: 7.840 min Scan# 91
Delta R.T. 0.183 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

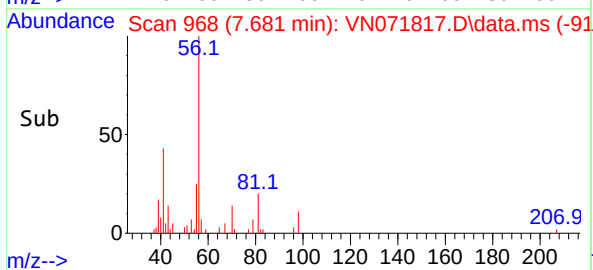
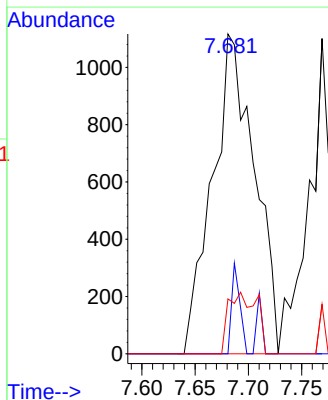
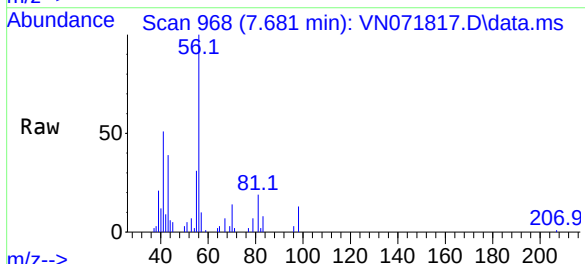
Instrument :
MSVOA_N
ClientSampleId :
MW-3

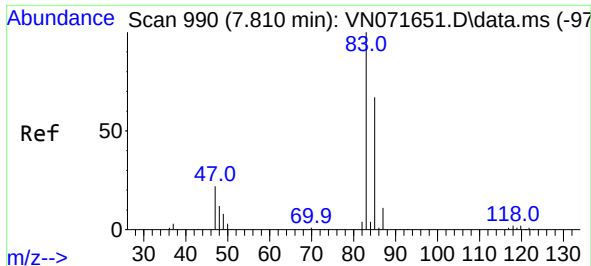
Tgt Ion: 49 Resp: 7249
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 0.982 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 42 Resp: 3064
Ion Ratio Lower Upper
42 100
72 5.5 39.7 59.5#
71 0.0 36.6 55.0#

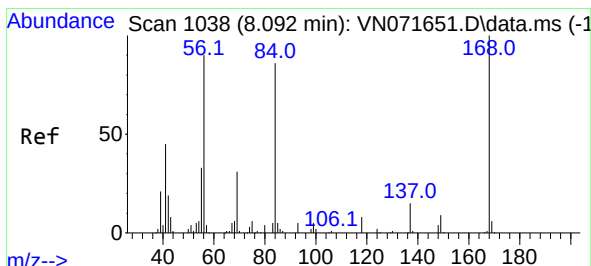
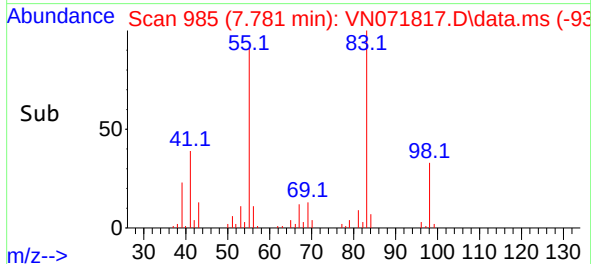
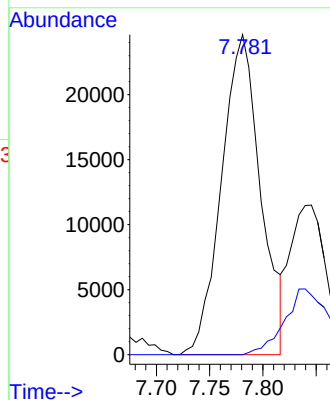
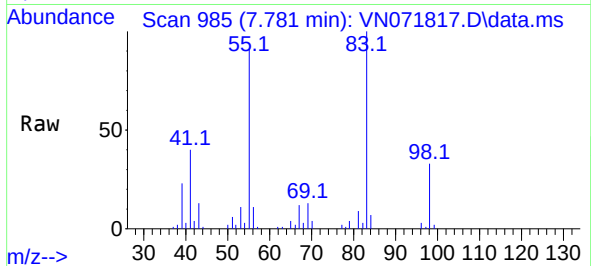




#30
Chloroform
Concen: 5.070 ug/l
RT: 7.781 min Scan# 990
Delta R.T. -0.029 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

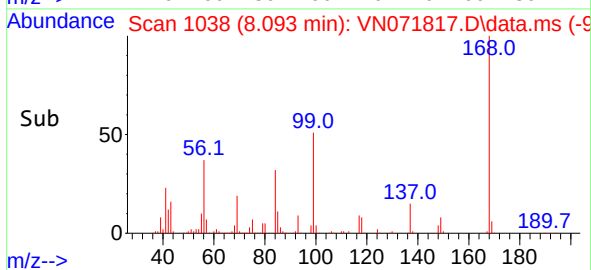
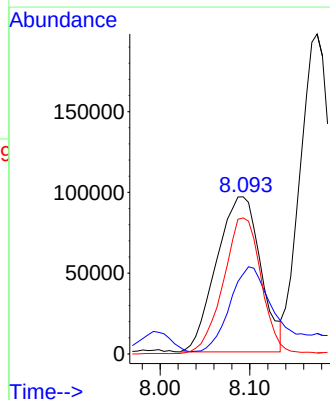
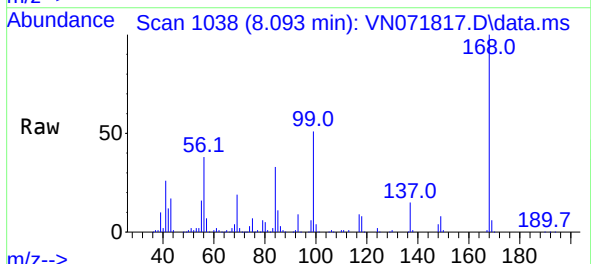
Instrument :
MSVOA_N
ClientSampleId :
MW-3

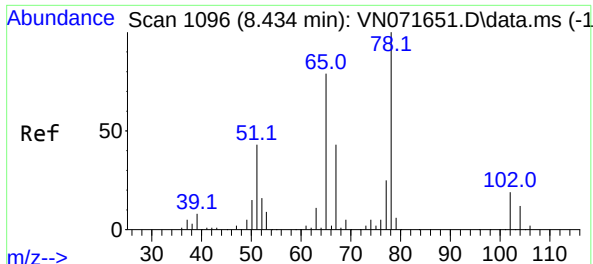
Tgt Ion: 83 Resp: 62781
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 30.882 ug/l
RT: 8.093 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 56 Resp: 328393
Ion Ratio Lower Upper
56 100
69 47.2 27.8 41.8#
84 87.3 76.9 115.3

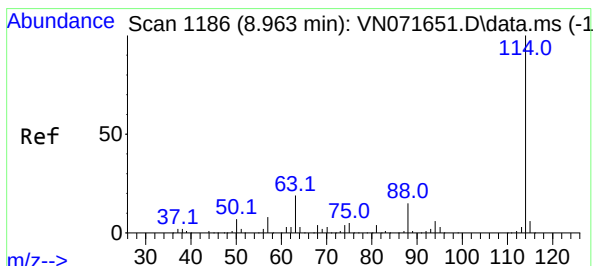
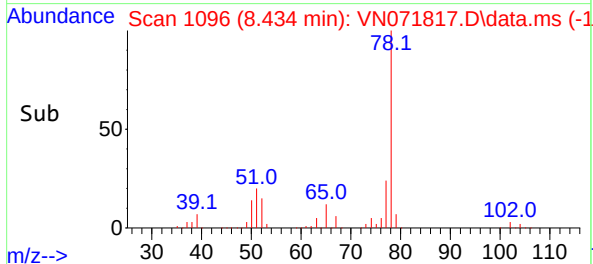
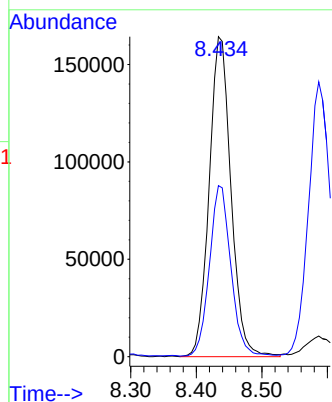
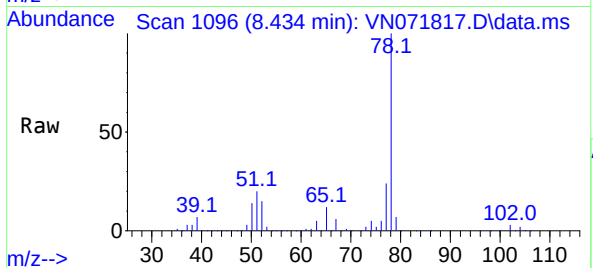




#33
1,2-Dichloroethane-d4
Concen: 48.596 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

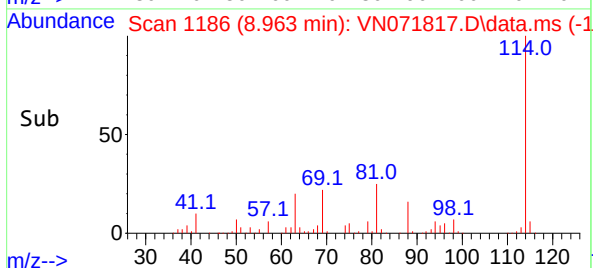
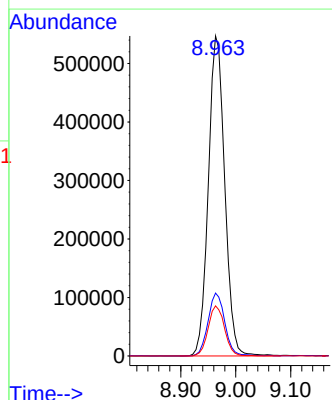
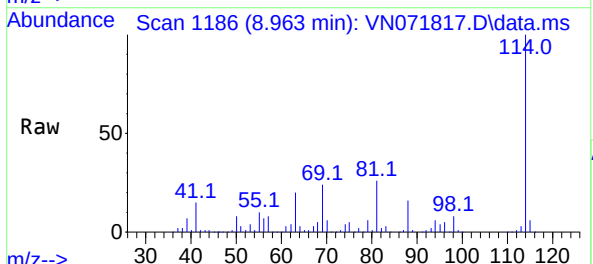
Instrument :
MSVOA_N
ClientSampleId :
MW-3

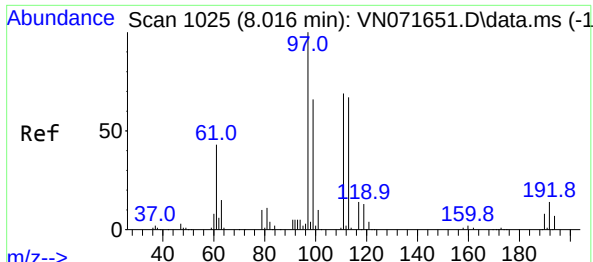
Tgt Ion: 65 Resp: 379991
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:114 Resp: 1134675
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.6 0.0 32.6

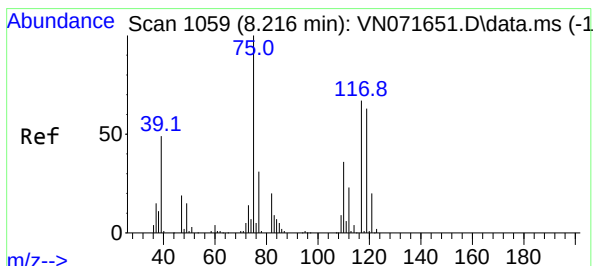
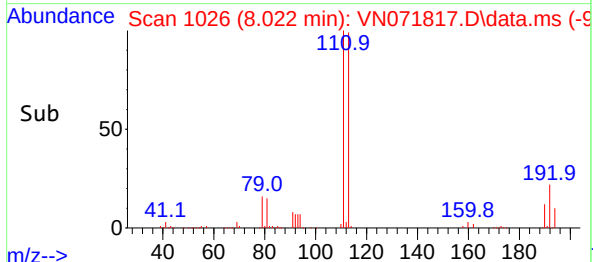
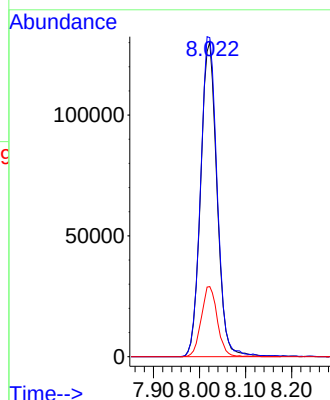
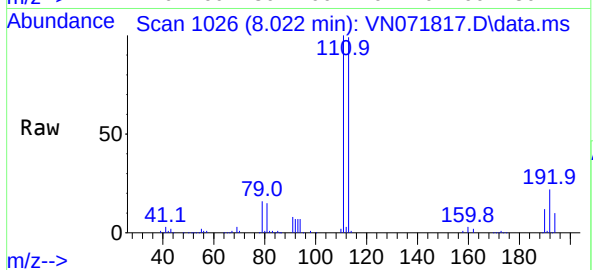




#35
Dibromofluoromethane
Concen: 48.239 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

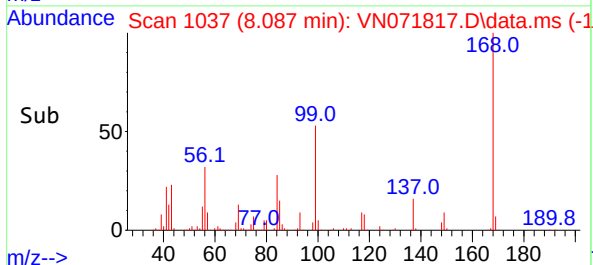
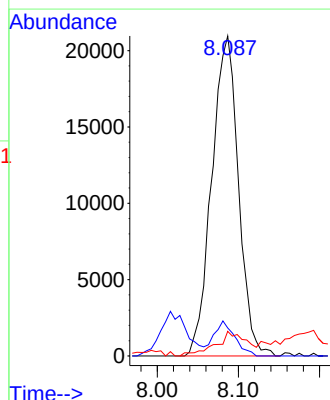
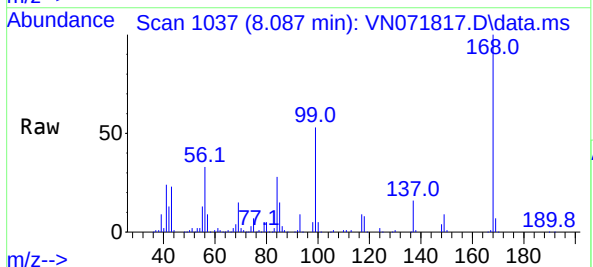
Instrument :
MSVOA_N
ClientSampleId :
MW-3

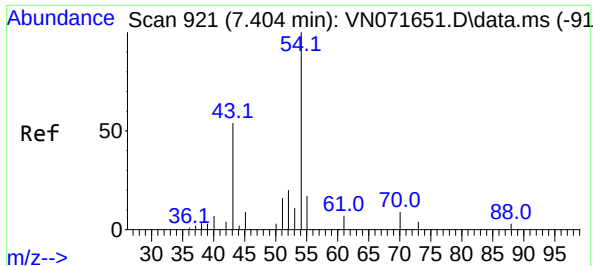
Tgt Ion:113 Resp: 322085
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 75 Resp: 47986
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 25.1 37.7#

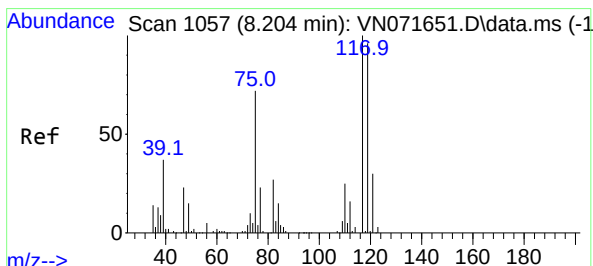
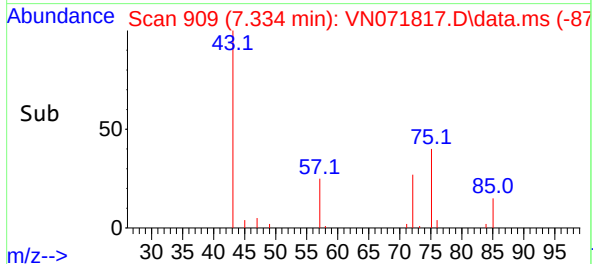
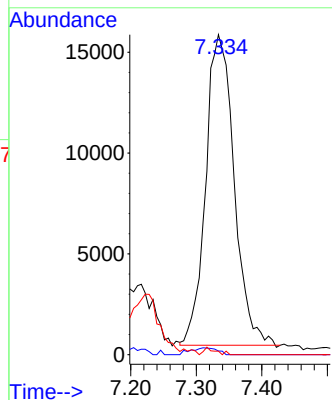
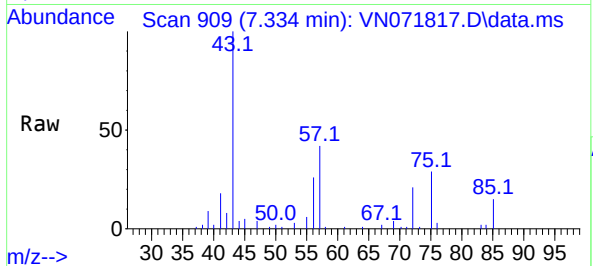




#37
Ethyl Acetate
Concen: 4.550 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.070 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

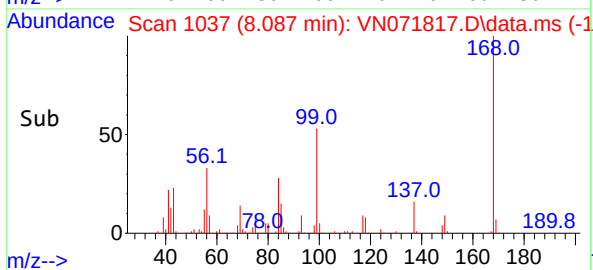
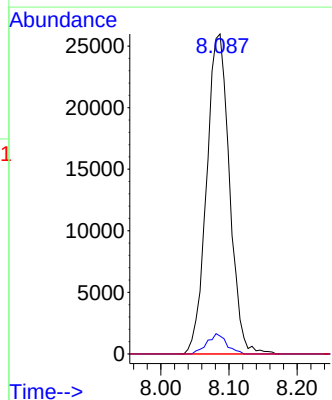
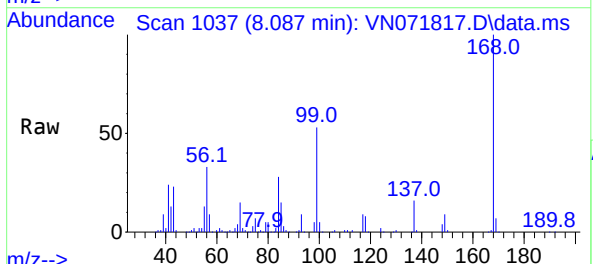
Instrument :
MSVOA_N
ClientSampleId :
MW-3

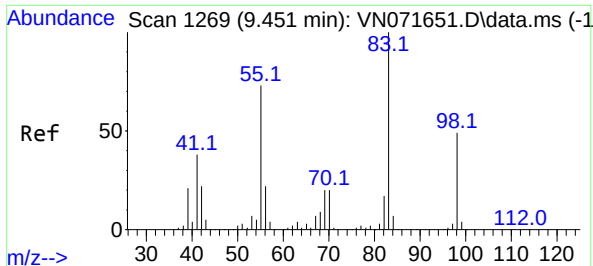
Tgt Ion: 43 Resp: 46432
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.633 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 117 Resp: 60616
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 36.607 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071817.D

Acq: 02 Apr 2022 22:59

Instrument :

MSVOA_N

ClientSampleId :

MW-3

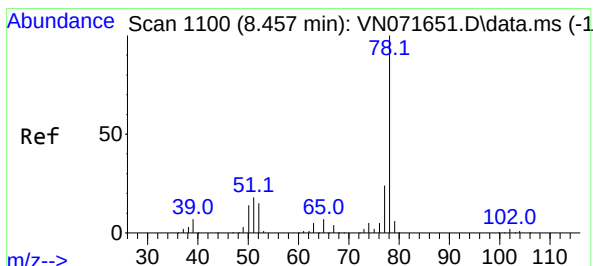
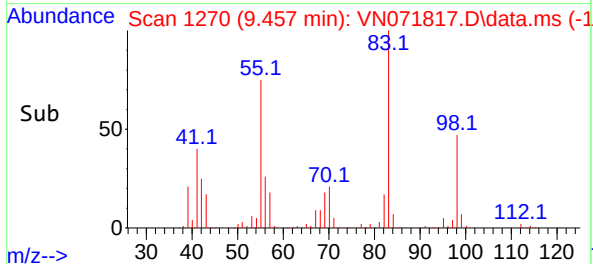
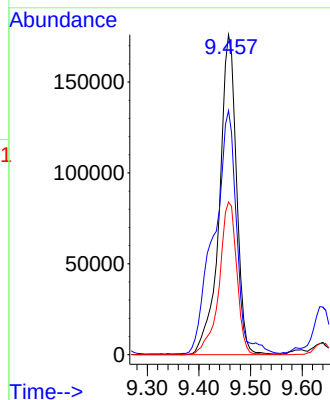
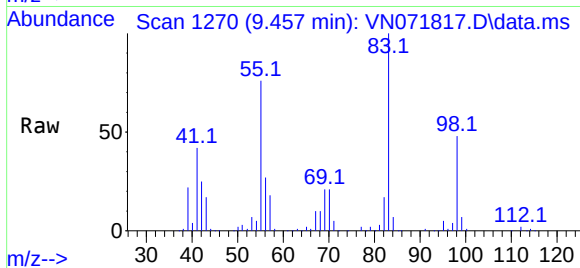
Tgt Ion: 83 Resp: 406304

Ion Ratio Lower Upper

83 100

55 75.9 57.8 86.8

98 47.7 39.4 59.2



#40

Benzene

Concen: 442.771 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071817.D

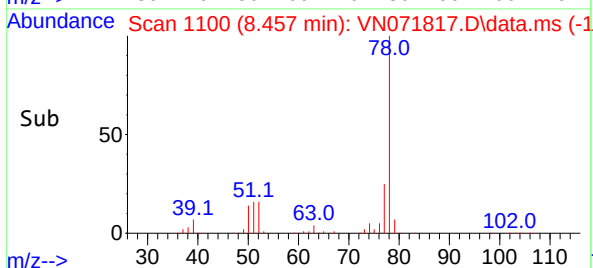
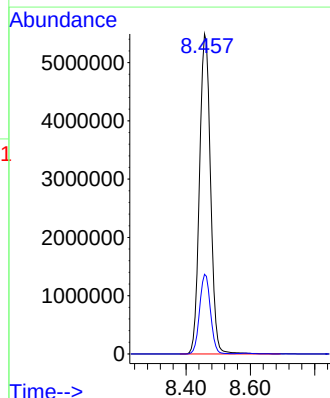
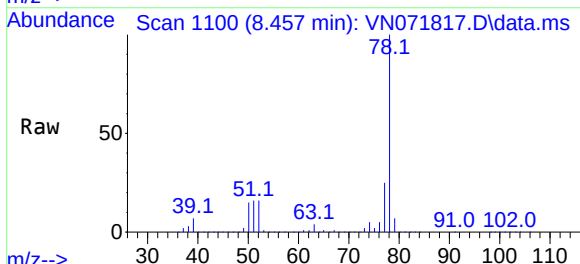
Acq: 02 Apr 2022 22:59

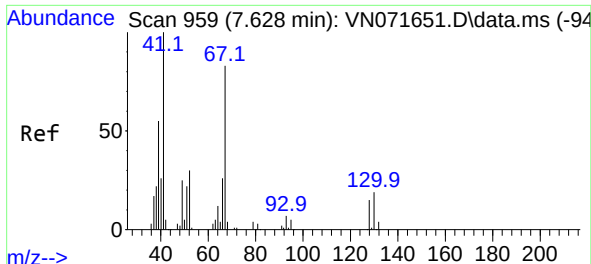
Tgt Ion: 78 Resp:13041497

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0

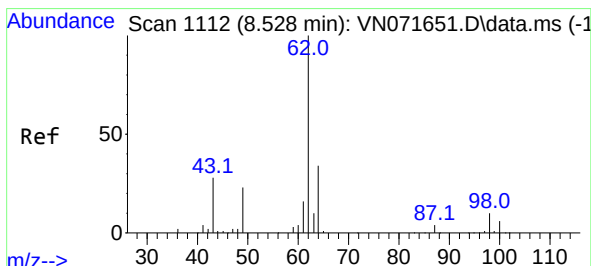
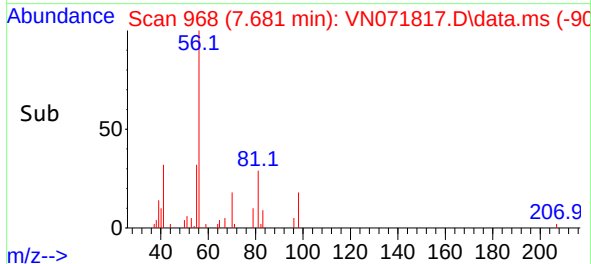
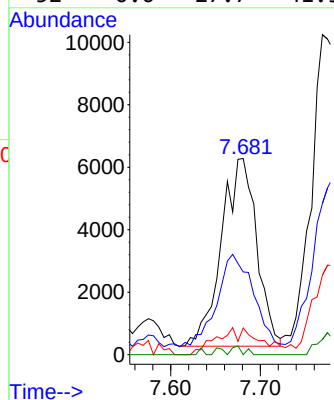
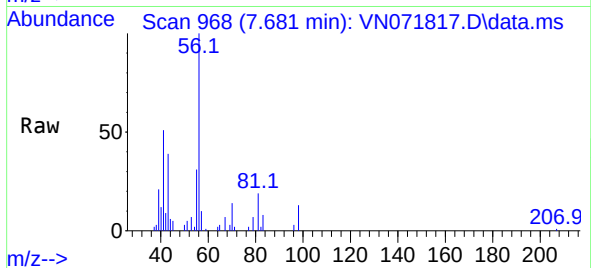




#41
Methacrylonitrile
Concen: 3.283 ug/l
RT: 7.681 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

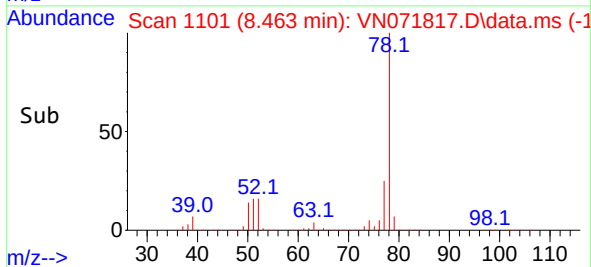
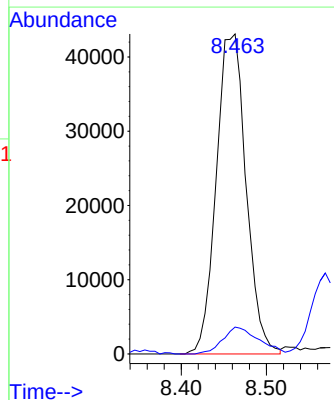
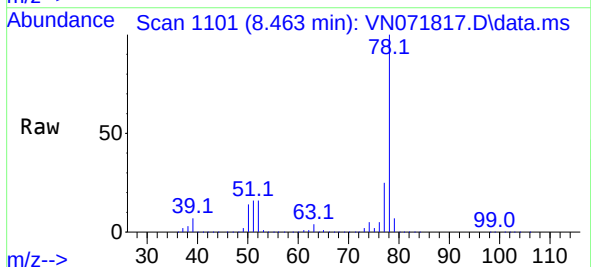
Instrument :
MSVOA_N
ClientSampleId :
MW-3

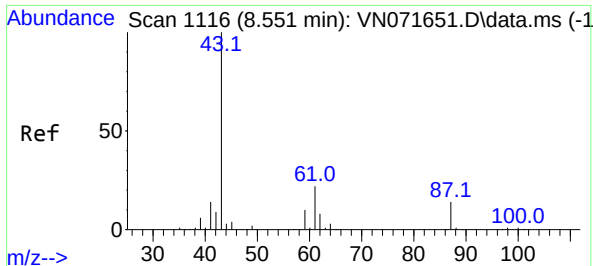
Tgt Ion:	41	Resp:	16403
Ion	Ratio	Lower	Upper
41	100		
39	51.0	48.6	73.0
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#42
1,2-Dichloroethane
Concen: 10.286 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. -0.065 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:	62	Resp:	104807
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4

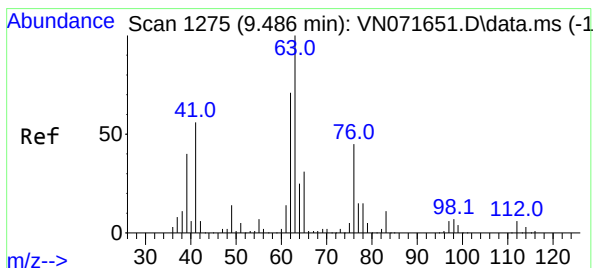
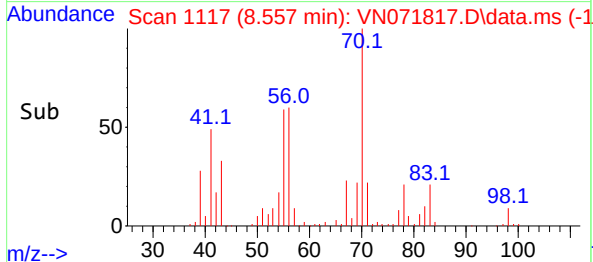
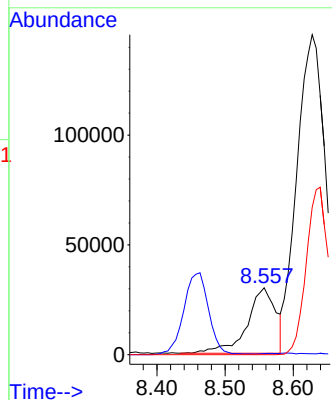
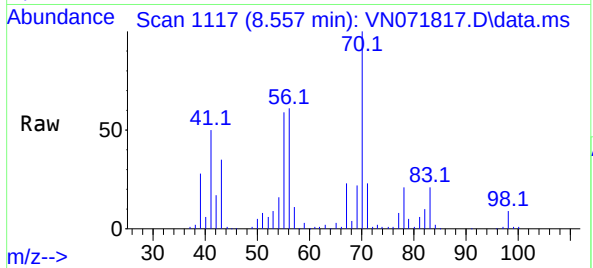




#43
Isopropyl Acetate
Concen: 5.102 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

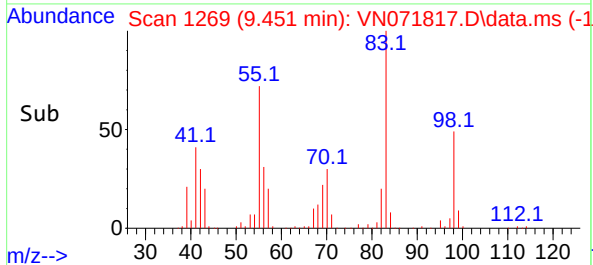
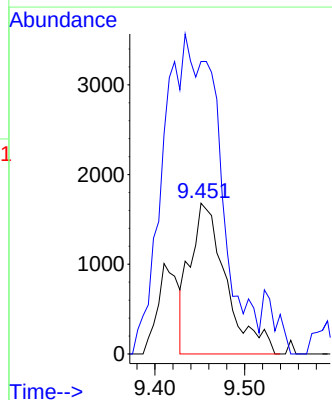
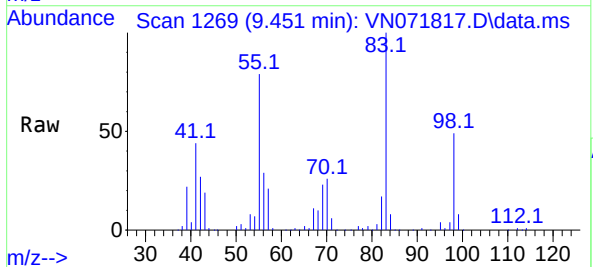
Instrument :
MSVOA_N
ClientSampleId :
MW-3

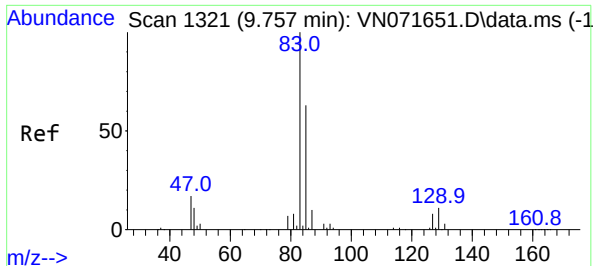
Tgt Ion: 43 Resp: 86611
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.633 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.035 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 63 Resp: 4656
Ion Ratio Lower Upper
63 100
65 167.7 24.9 37.3#

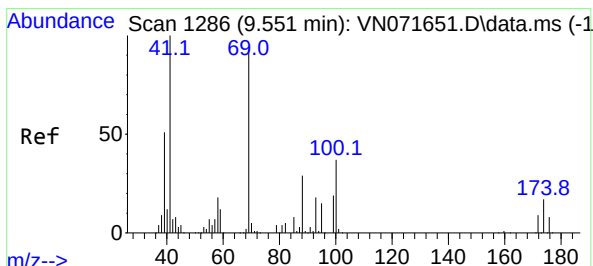
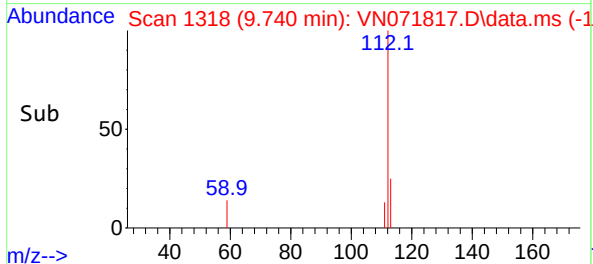
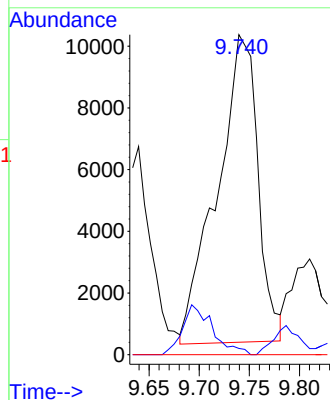
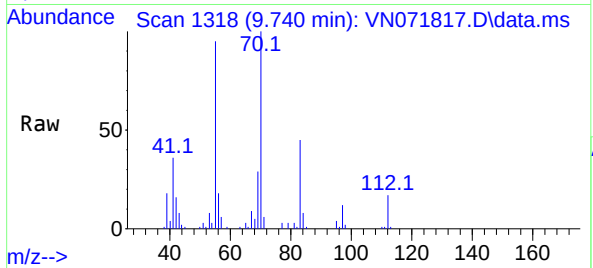




#47
Bromodichloromethane
Concen: 2.870 ug/l
RT: 9.740 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

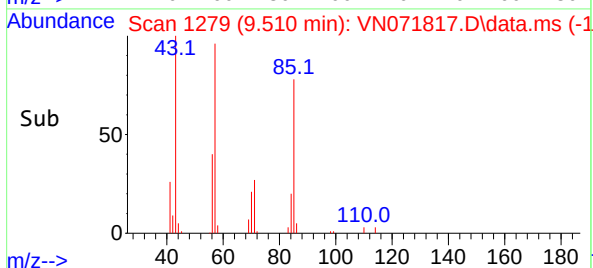
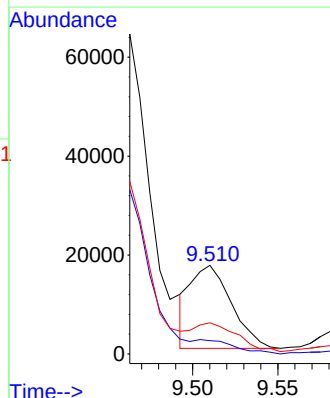
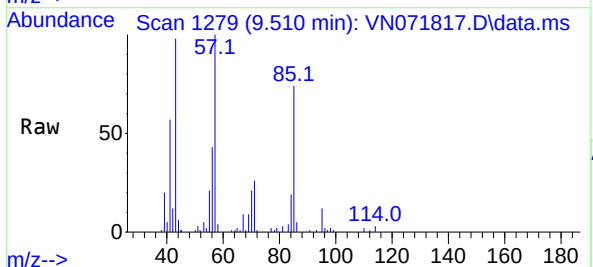
Instrument :
MSVOA_N
ClientSampleId :
MW-3

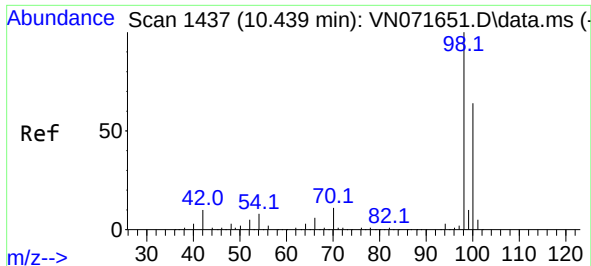
Tgt Ion: 83 Resp: 28224
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 3.976 ug/l
RT: 9.510 min Scan# 1279
Delta R.T. -0.041 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 41 Resp: 28000
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 33.1 45.6 68.4#

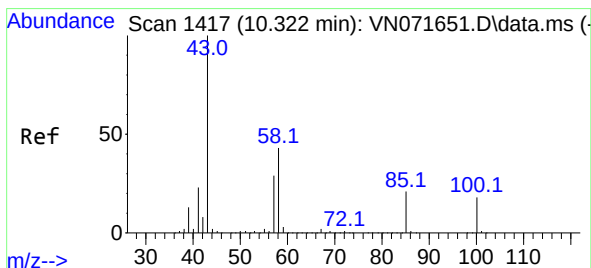
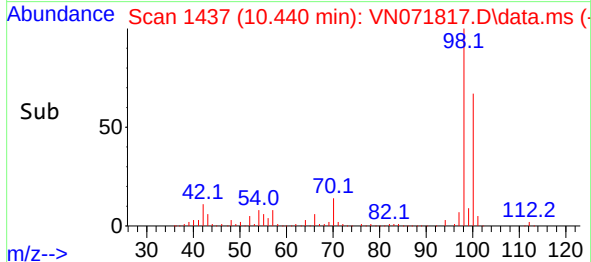
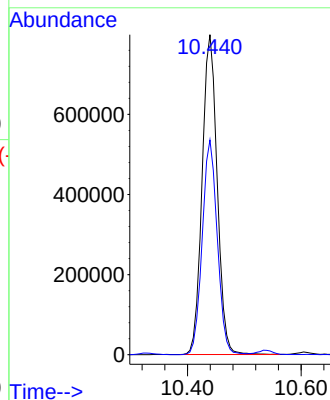
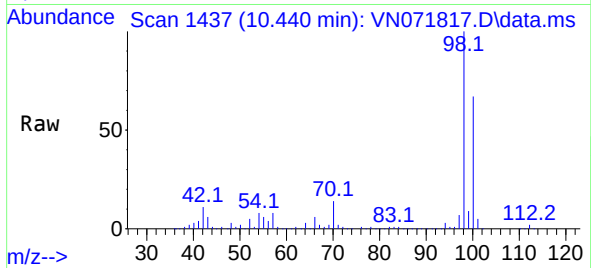




#50
Toluene-d8
Concen: 53.790 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.001 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

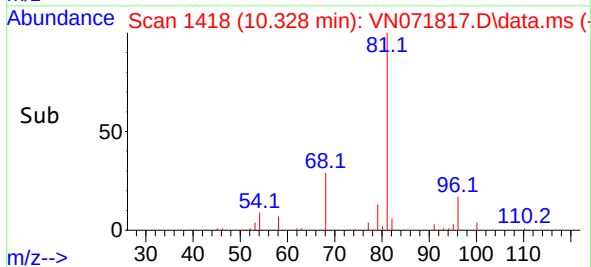
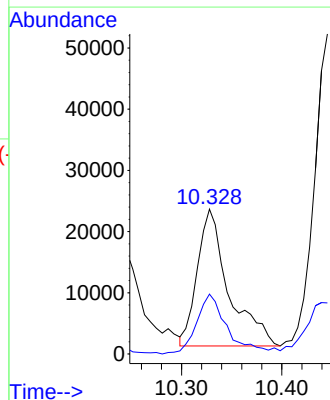
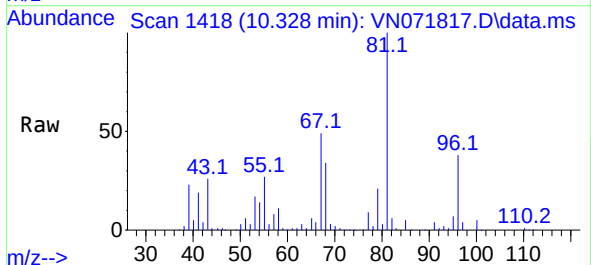
Instrument :
MSVOA_N
ClientSampleId :
MW-3

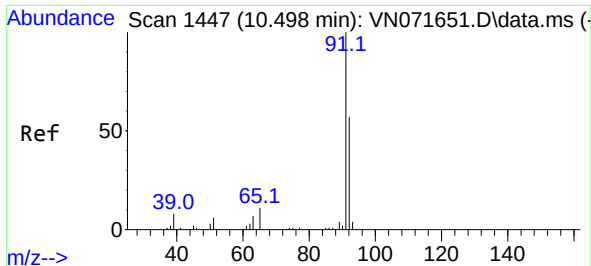
Tgt Ion: 98 Resp: 1469195
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 4.986 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 48664
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1

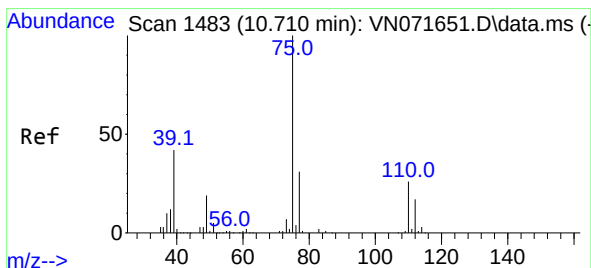
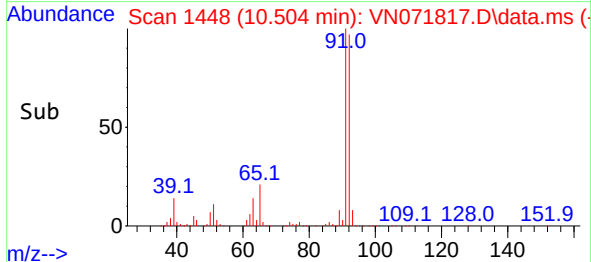
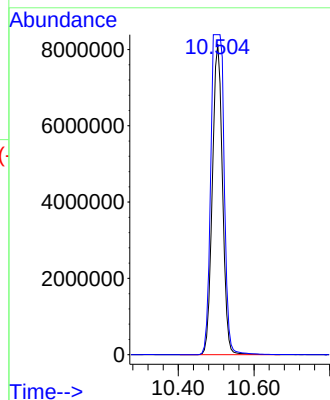
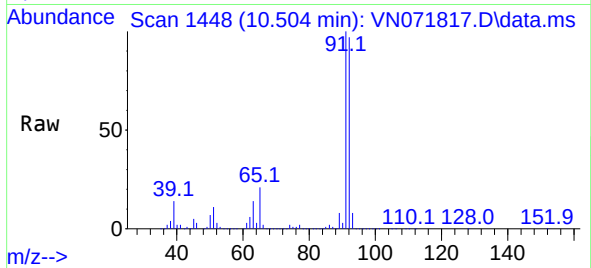




#52
Toluene
Concen: 808.979 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

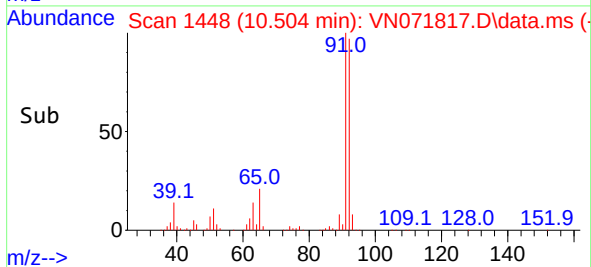
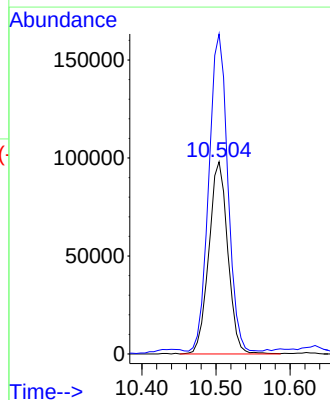
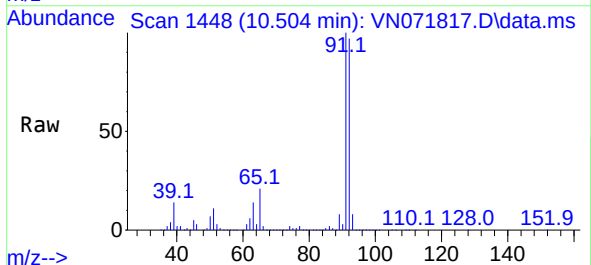
Instrument :
MSVOA_N
ClientSampleId :
MW-3

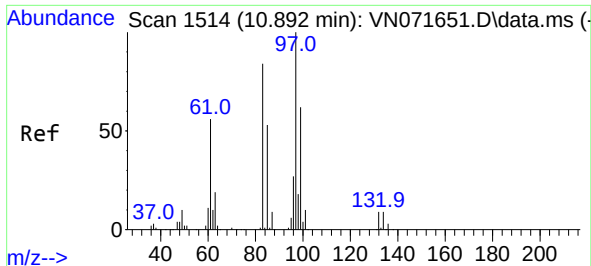
Tgt Ion: 92 Resp:15062242
Ion Ratio Lower Upper
92 100
91 135.4 138.6 207.8#



#53
t-1,3-Dichloropropene
Concen: 16.858 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.206 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 75 Resp: 173753
Ion Ratio Lower Upper
75 100
77 164.3 25.6 38.4#

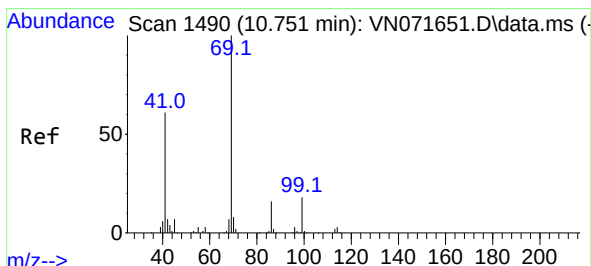
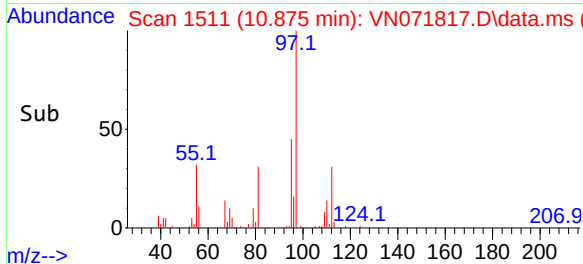
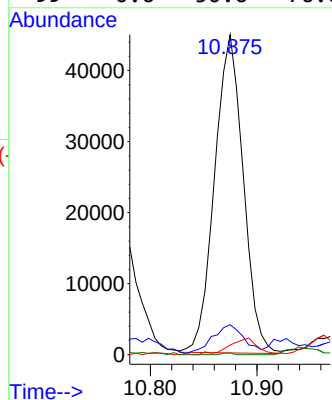
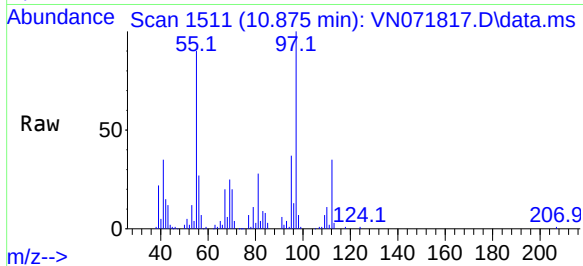




#55
1,1,2-Trichloroethane
Concen: 10.904 ug/l
RT: 10.875 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

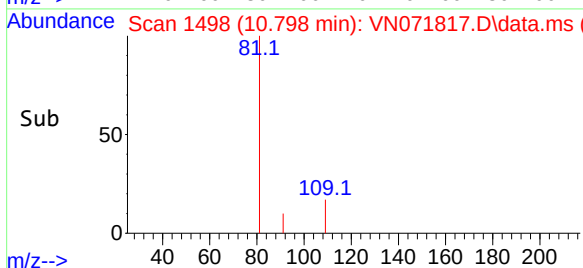
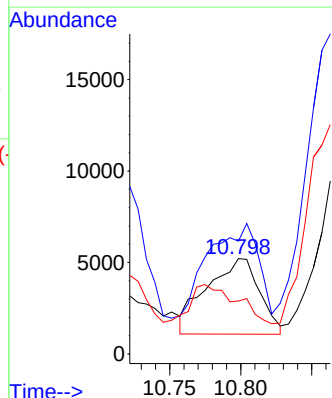
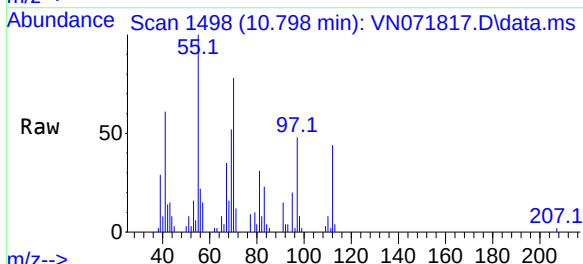
Instrument :
MSVOA_N
ClientSampleId :
MW-3

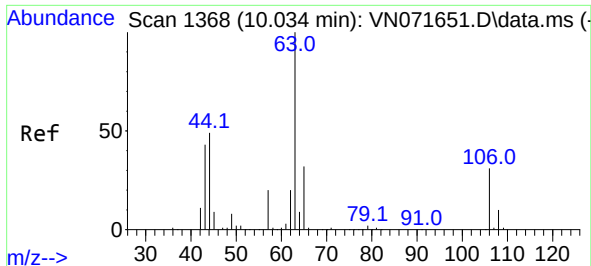
Tgt Ion:	97	Resp:	83551
Ion	Ratio	Lower	Upper
97	100		
83	8.6	66.2	99.4#
85	3.1	43.9	65.9#
99	0.6	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.977 ug/l
RT: 10.798 min Scan# 1498
Delta R.T. 0.047 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:	69	Resp:	10678
Ion	Ratio	Lower	Upper
69	100		
41	116.5	47.8	71.6#
39	0.0	27.3	40.9#

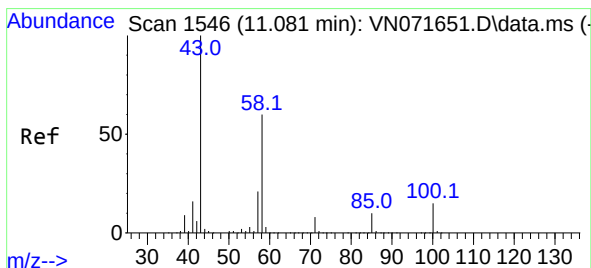
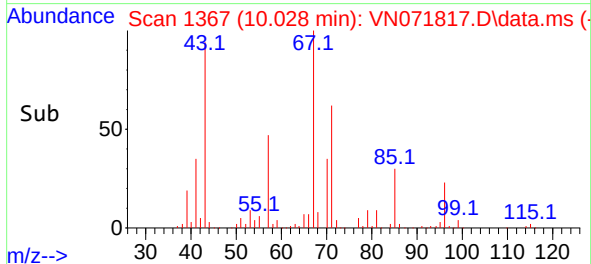
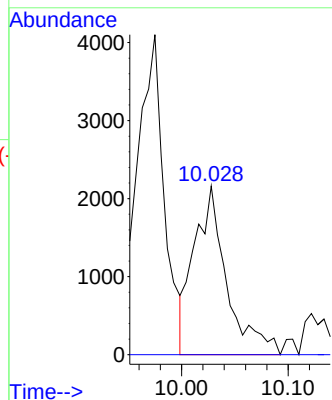
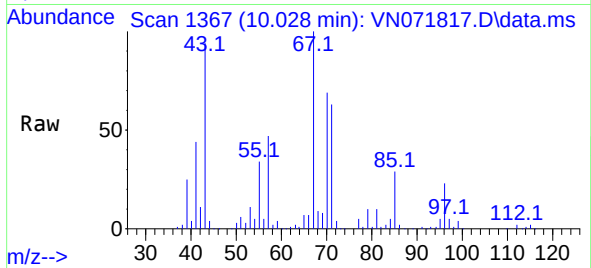




#58
2-Chloroethyl Vinyl ether
Concen: 18.237 ug/l
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

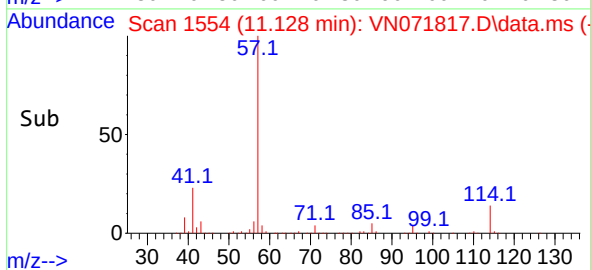
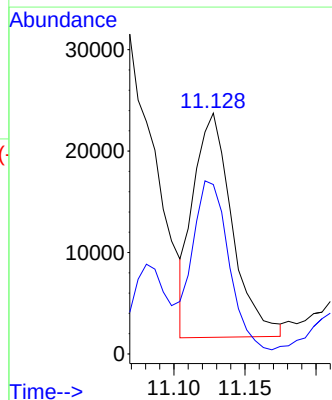
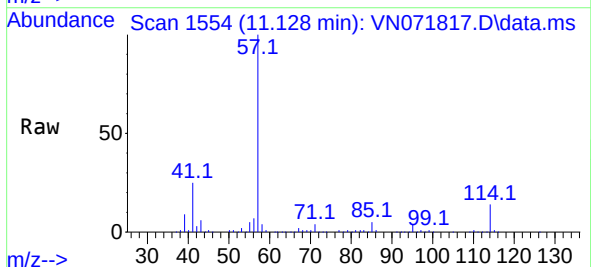
Instrument :
MSVOA_N
ClientSampleId :
MW-3

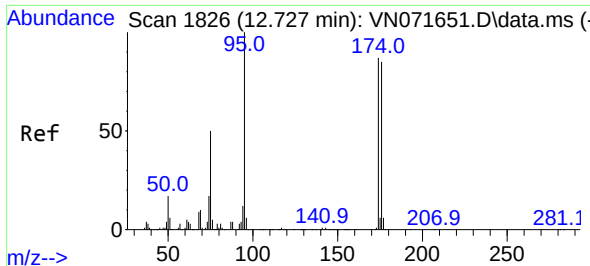
Tgt Ion: 63 Resp: 4585
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 6.095 ug/l
RT: 11.128 min Scan# 1554
Delta R.T. 0.047 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 41883
Ion Ratio Lower Upper
43 100
58 77.1 29.7 89.1

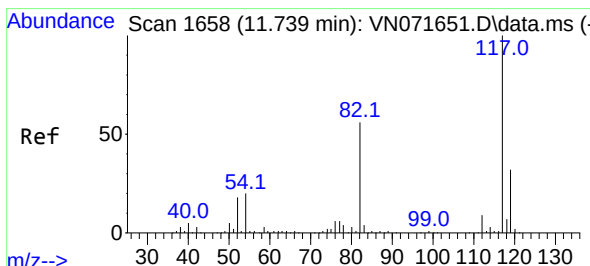
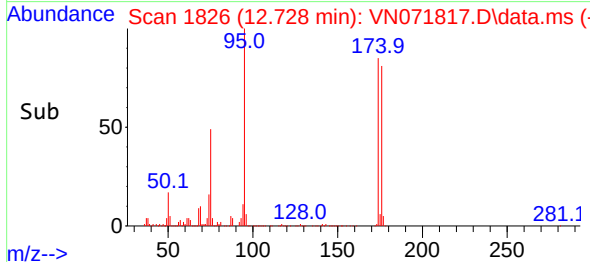
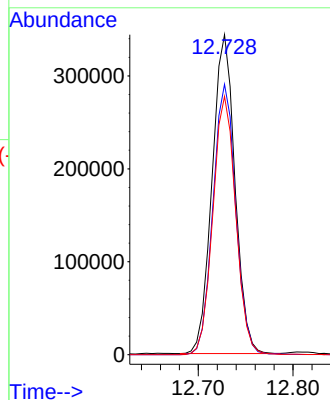
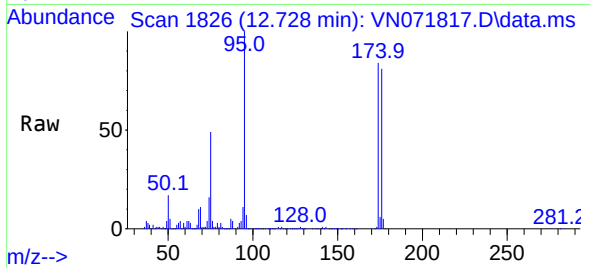




#62
4-Bromofluorobenzene
Concen: 64.989 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.001 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

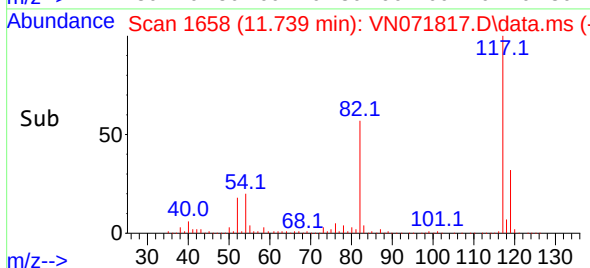
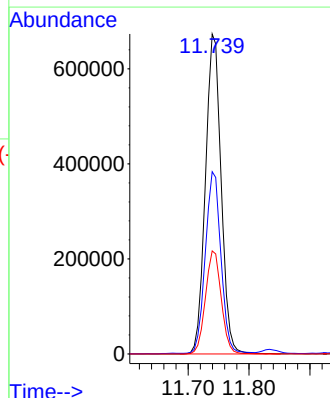
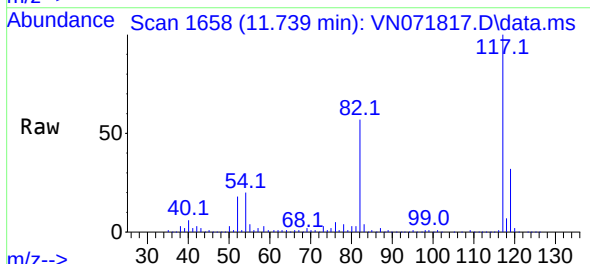
Instrument :
MSVOA_N
ClientSampleId :
MW-3

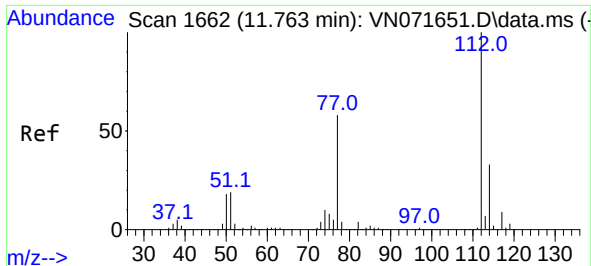
Tgt Ion: 95 Resp: 574090
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 81.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 117 Resp: 1203915
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.2 25.4 38.0

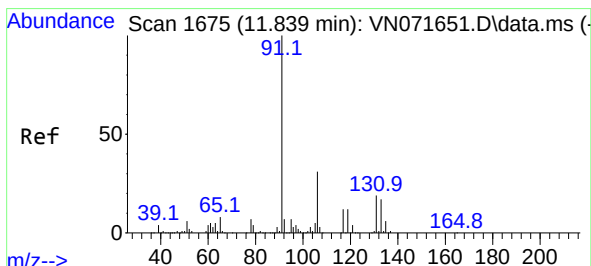
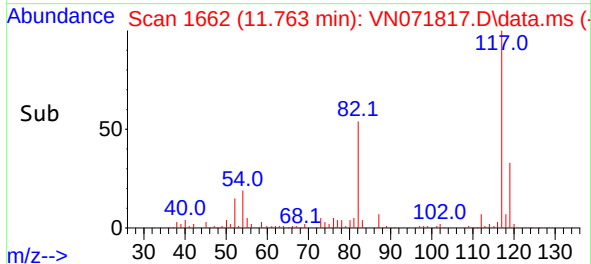
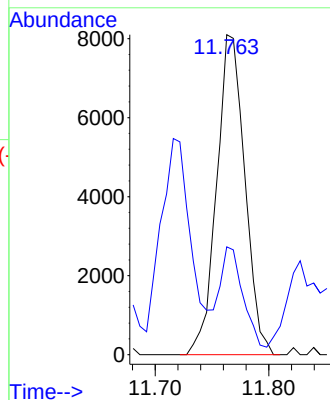
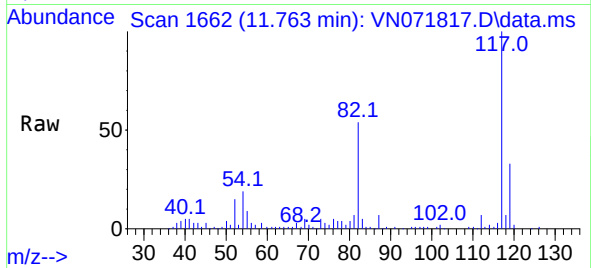




#65
Chlorobenzene
Concen: 0.580 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

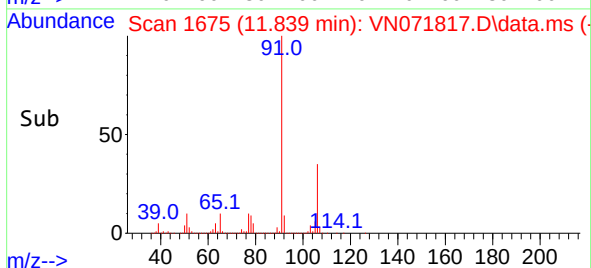
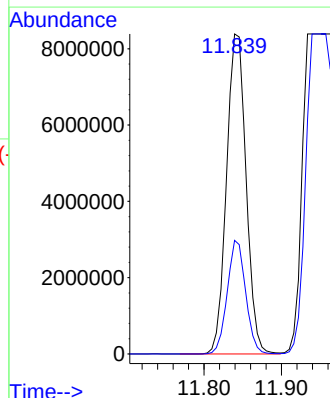
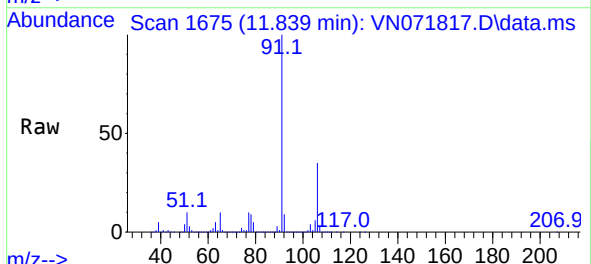
Instrument :
MSVOA_N
ClientSampleId :
MW-3

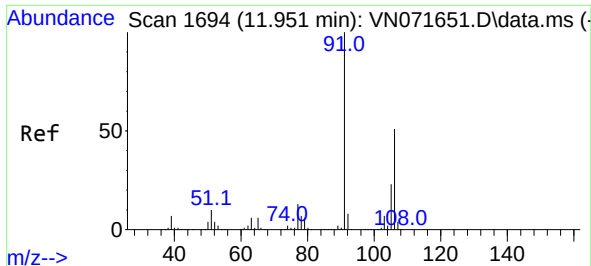
Tgt Ion:112 Resp: 13972
Ion Ratio Lower Upper
112 100
114 24.8 25.4 38.2#



#67
Ethyl Benzene
Concen: 361.615 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 91 Resp:14757290
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3

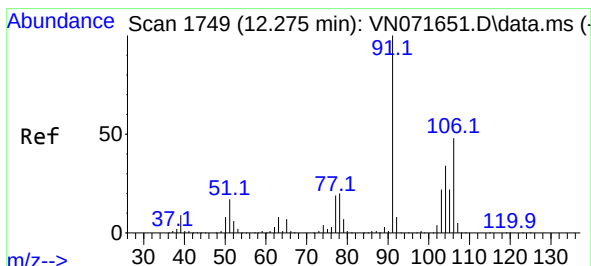
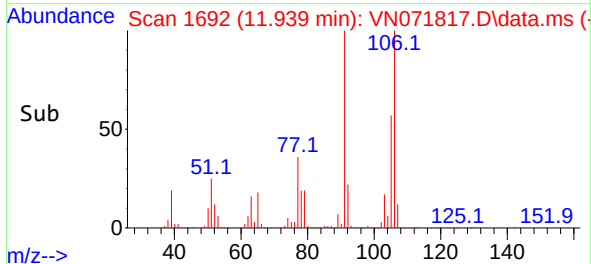
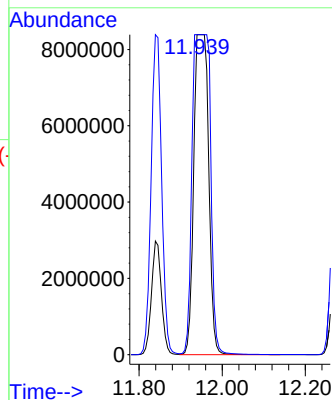
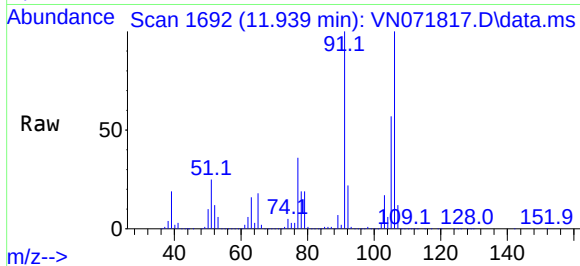




#68
m/p-Xylenes
Concen: 1318.945 ug/l
RT: 11.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

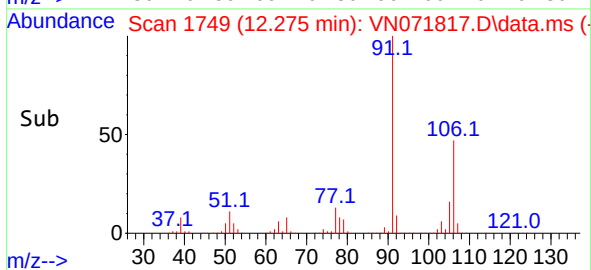
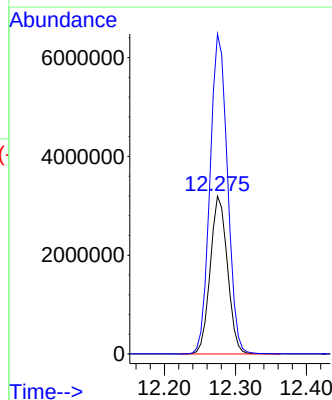
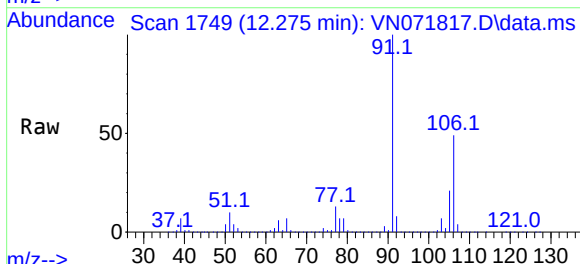
Instrument :
MSVOA_N
ClientSampleId :
MW-3

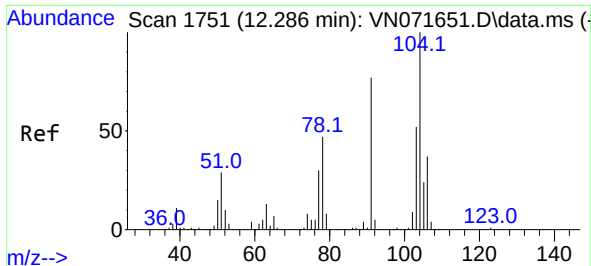
Tgt Ion:106 Resp:20680968
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#



#69
o-Xylene
Concen: 344.844 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:106 Resp: 5366932
Ion Ratio Lower Upper
106 100
91 206.7 106.0 318.0

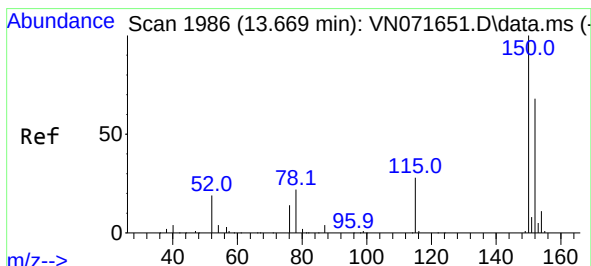
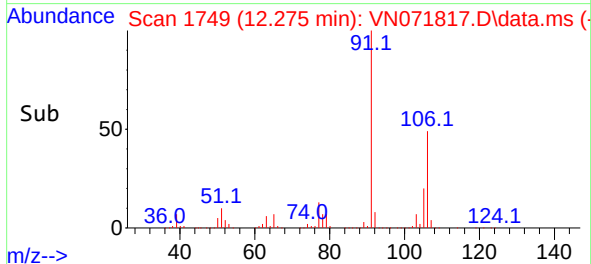
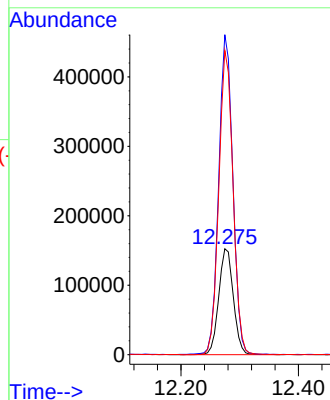
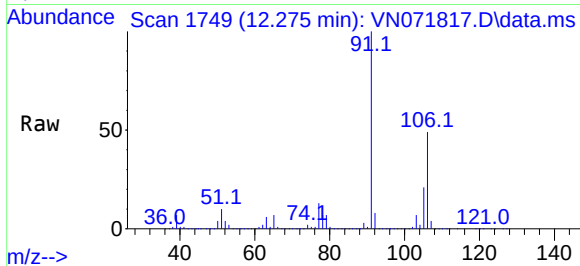




#70
Styrene
Concen: 11.194 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

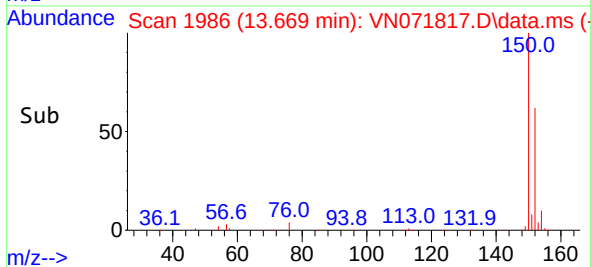
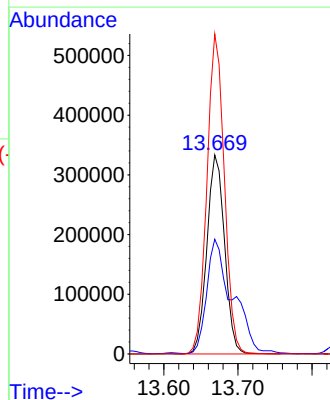
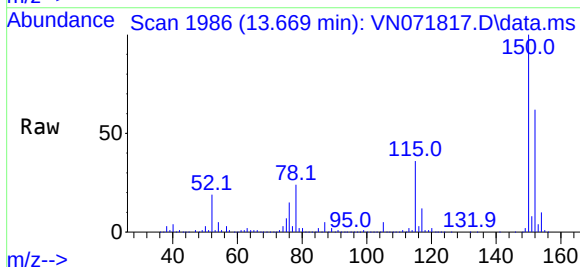
Instrument :
MSVOA_N
ClientSampleId :
MW-3

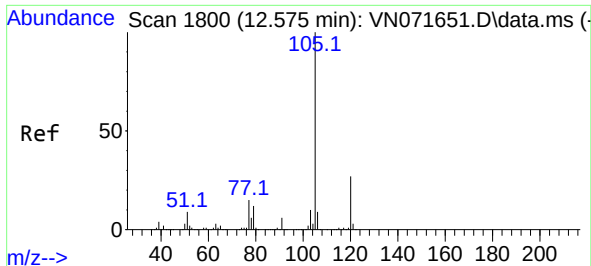
Tgt Ion:104 Resp: 263962
Ion Ratio Lower Upper
104 100
78 291.6 39.5 59.3#
103 279.2 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:152 Resp: 552799
Ion Ratio Lower Upper
152 100
115 83.5 28.9 86.7
150 158.3 0.0 356.2

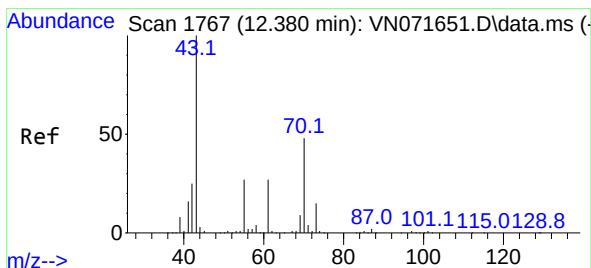
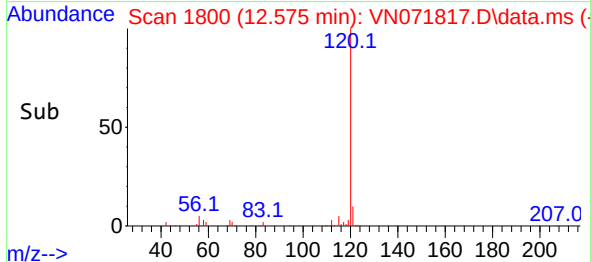
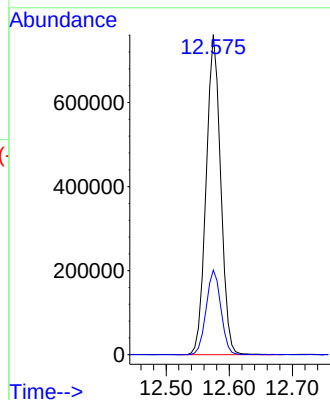
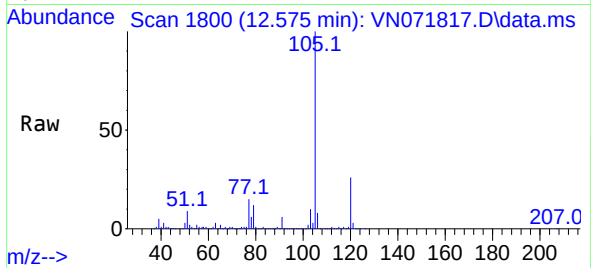




#73
Isopropylbenzene
Concen: 26.083 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

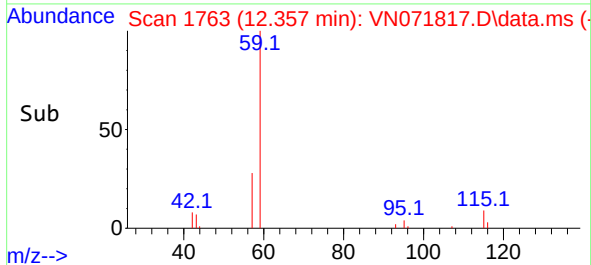
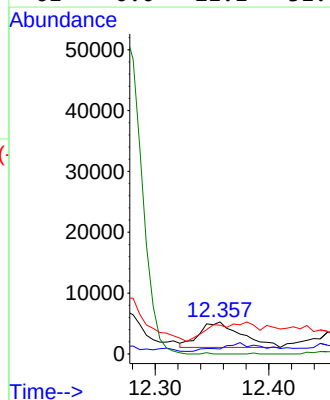
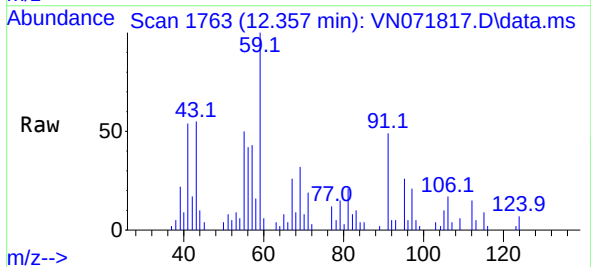
Instrument :
MSVOA_N
ClientSampleId :
MW-3

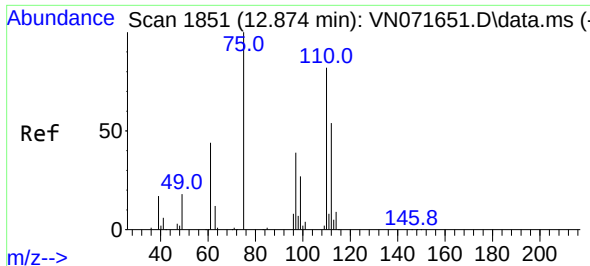
Tgt Ion:105 Resp: 1215030
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 0.791 ug/l
RT: 12.357 min Scan# 1763
Delta R.T. -0.023 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 43 Resp: 10556
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 38.5 21.1 31.7#
61 0.0 21.1 31.7#

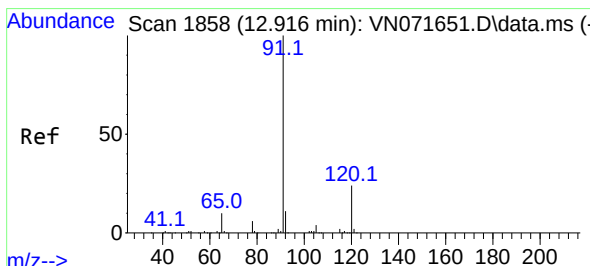
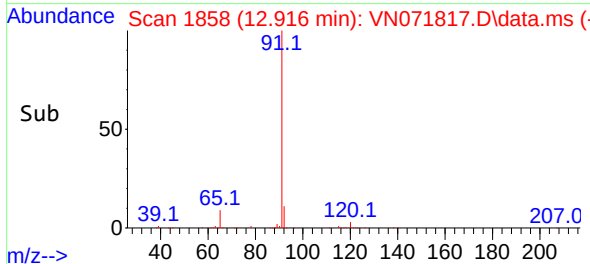
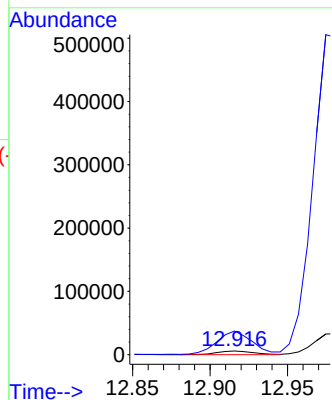
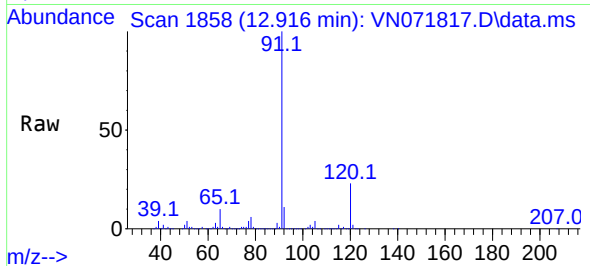




#76
1,2,3-Trichloropropane
Concen: 0.738 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.042 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

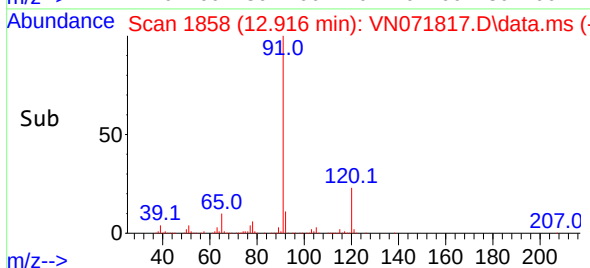
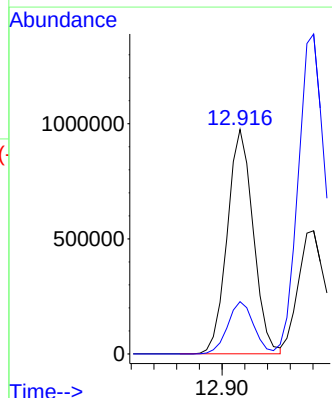
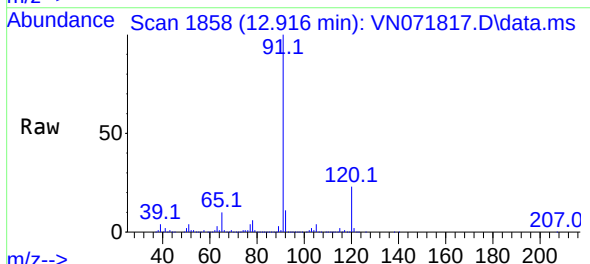
Instrument :
MSVOA_N
ClientSampleId :
MW-3

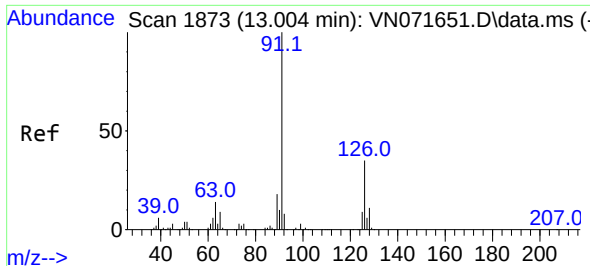
Tgt Ion: 75 Resp: 9455
Ion Ratio Lower Upper
75 100
77 618.6 98.5 295.5#



#78
n-propylbenzene
Concen: 31.607 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 91 Resp: 1548749
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5

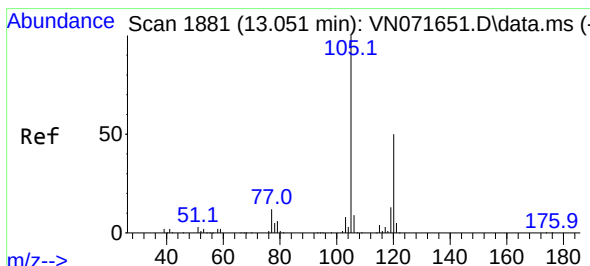
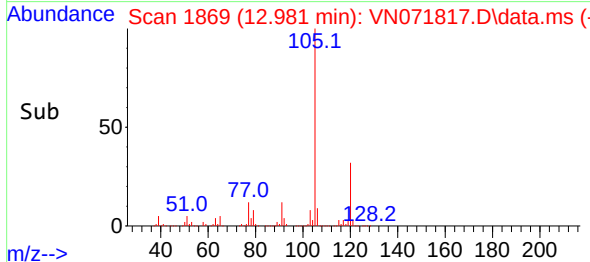
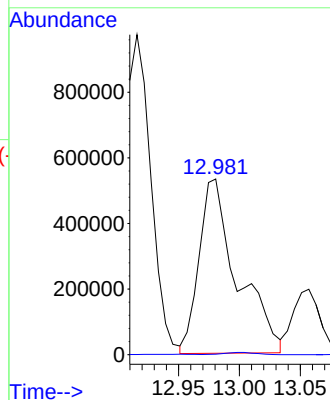
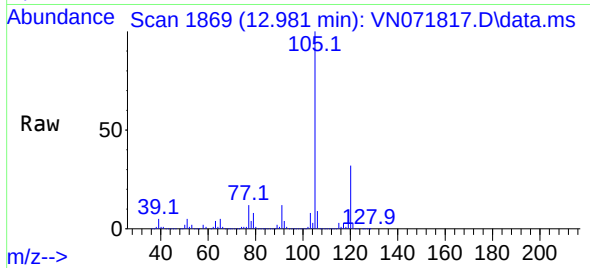




#79
2-Chlorotoluene
Concen: 37.084 ug/l
RT: 12.981 min Scan# 1869
Delta R.T. -0.023 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

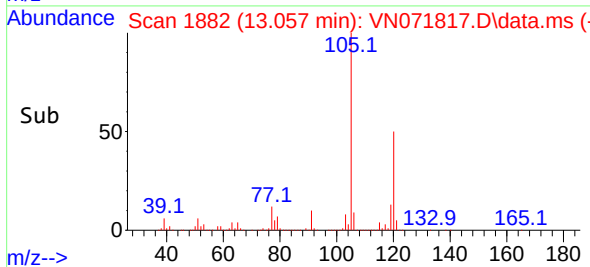
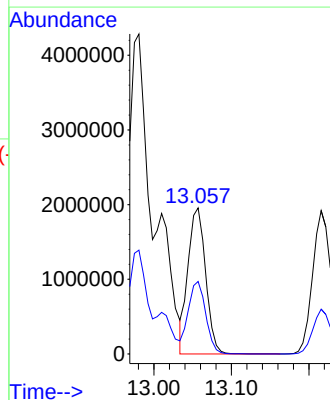
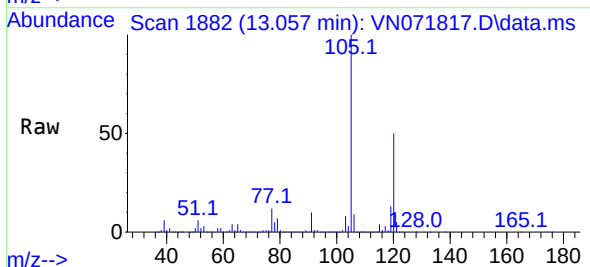
Instrument :
MSVOA_N
ClientSampleId :
MW-3

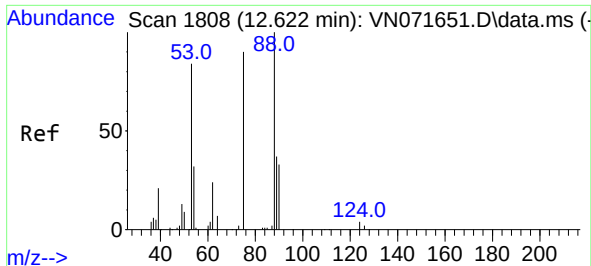
Tgt Ion: 91 Resp: 1165352
Ion Ratio Lower Upper
91 100
126 1.1 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 83.490 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:105 Resp: 3081477
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7

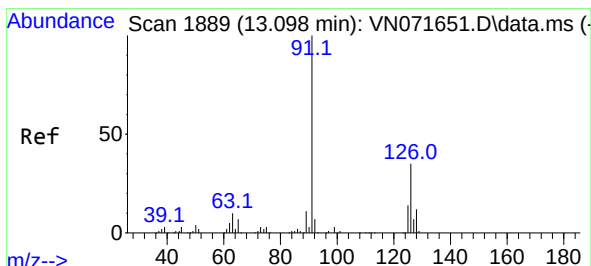
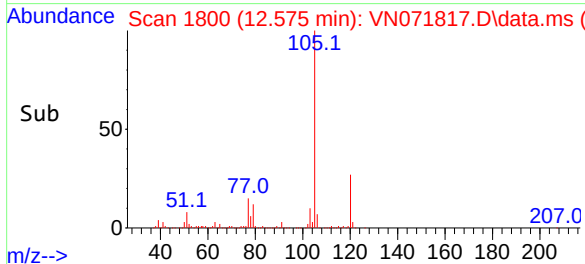
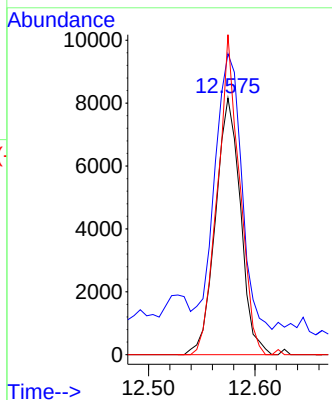
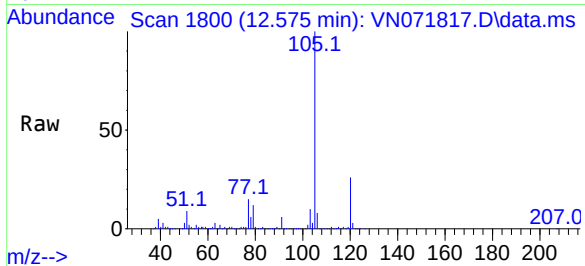




#81
trans-1,4-Dichloro-2-butene
Concen: 3.212 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.047 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

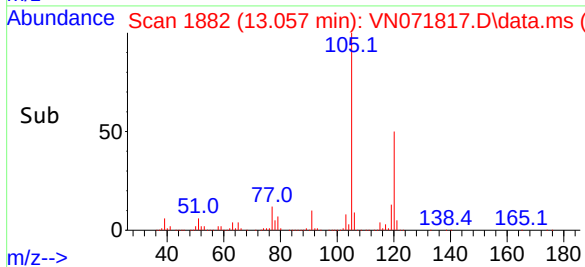
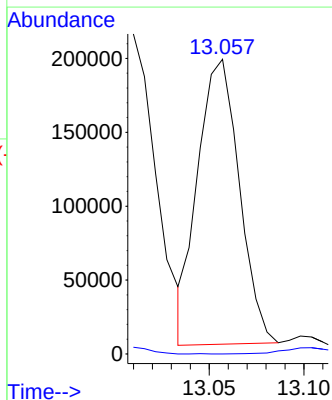
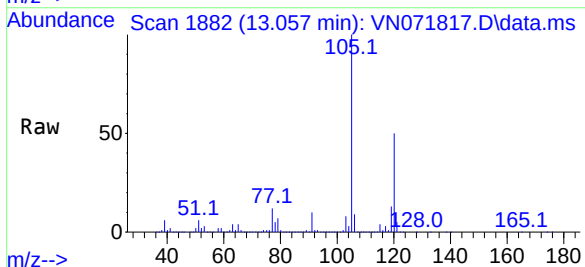
Instrument :
MSVOA_N
ClientSampleId :
MW-3

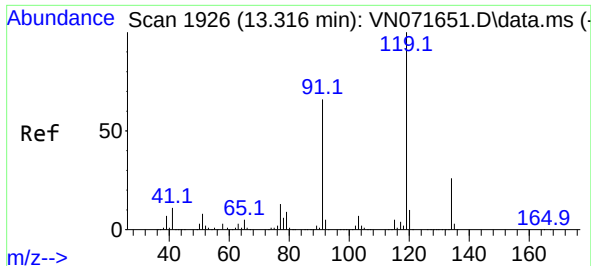
Tgt Ion: 75 Resp: 13273
Ion Ratio Lower Upper
75 100
53 115.1 78.0 117.0
89 109.9 37.2 55.8#



#82
4-Chlorotoluene
Concen: 10.098 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 91 Resp: 294149
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

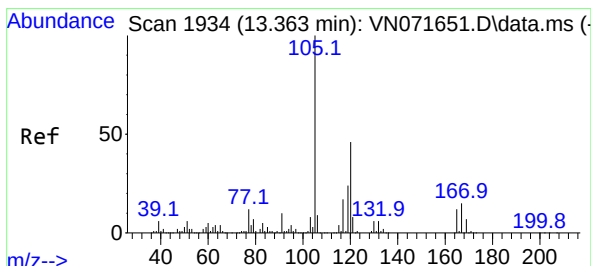
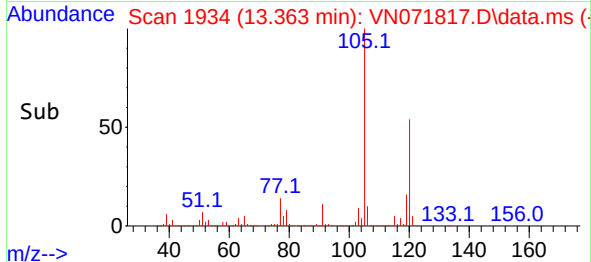
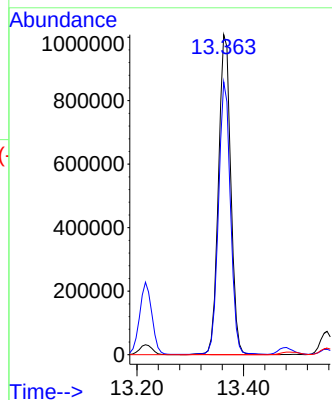
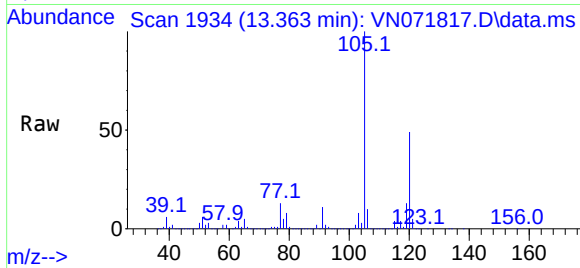




#83
tert-Butylbenzene
Concen: 47.935 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

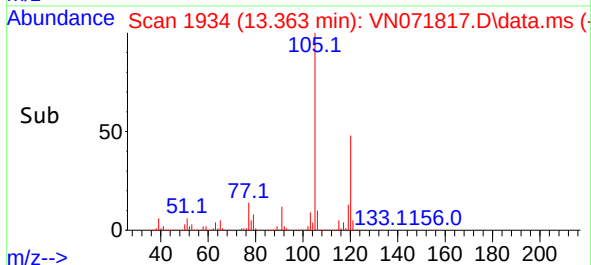
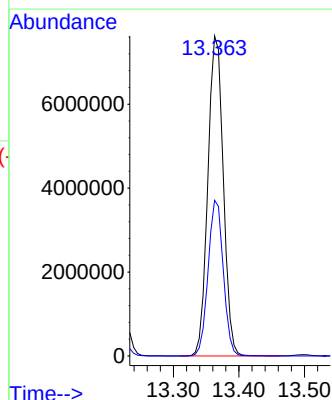
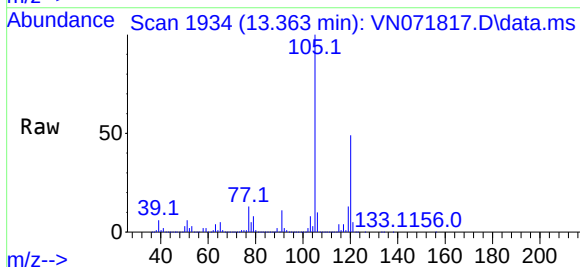
Instrument :
MSVOA_N
ClientSampleId :
MW-3

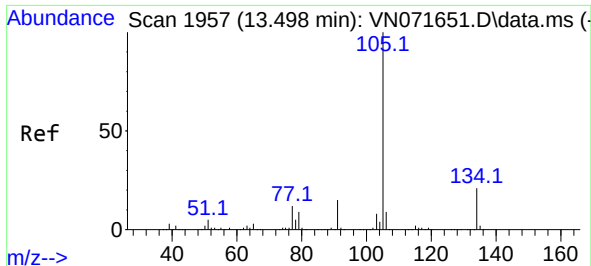
Tgt Ion:119 Resp: 1617236
Ion Ratio Lower Upper
119 100
91 83.0 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 347.006 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:105 Resp:12496113
Ion Ratio Lower Upper
105 100
120 47.8 23.3 69.8

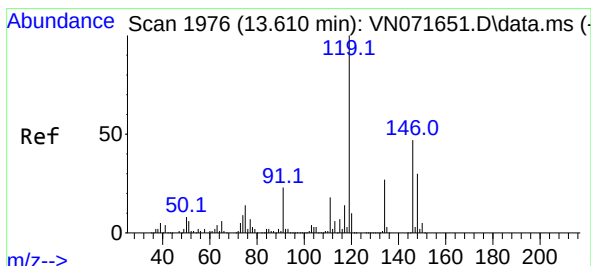
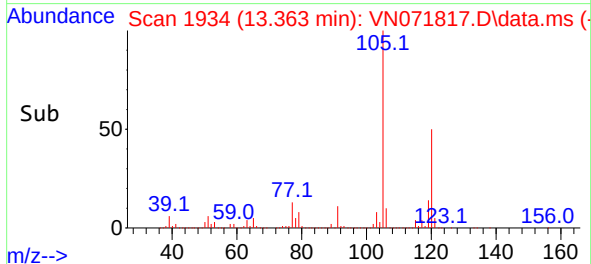
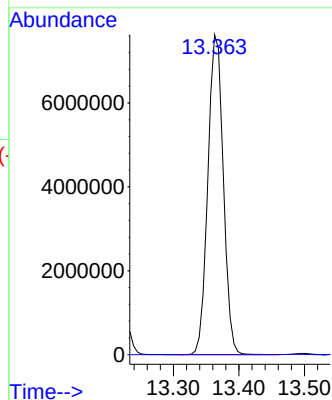
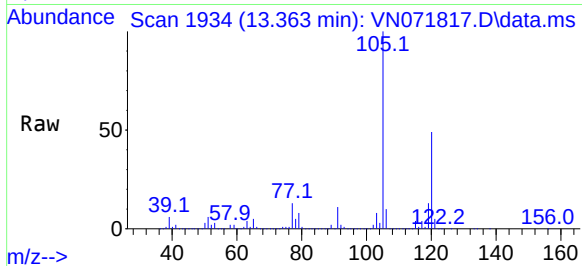




#85
 sec-Butylbenzene
 Concen: 285.722 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.135 min
 Lab File: VN071817.D
 Acq: 02 Apr 2022 22:59

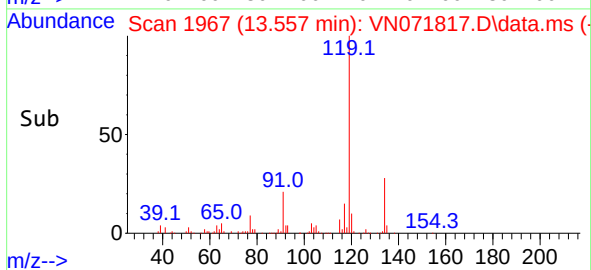
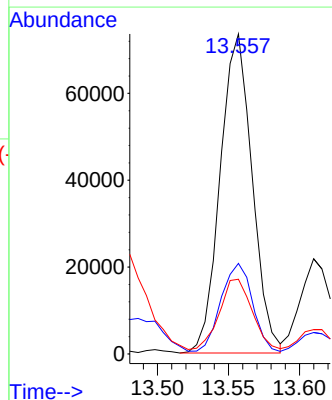
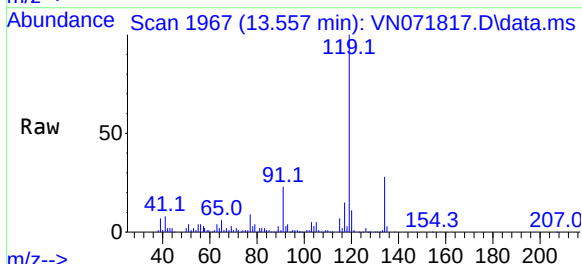
Instrument :
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 ClientSampleId :
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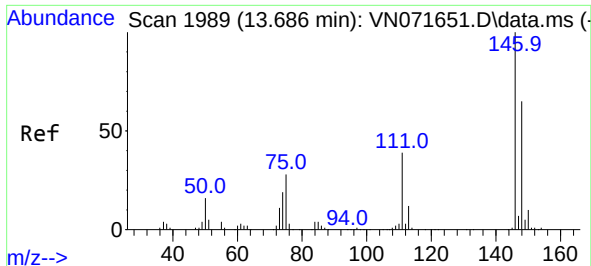
Tgt Ion:105 Resp:12496113
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.303 ug/l
 RT: 13.557 min Scan# 1967
 Delta R.T. -0.053 min
 Lab File: VN071817.D
 Acq: 02 Apr 2022 22:59

Tgt Ion:119 Resp: 115193
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.3 39.8
 91 0.0 11.3 33.9#

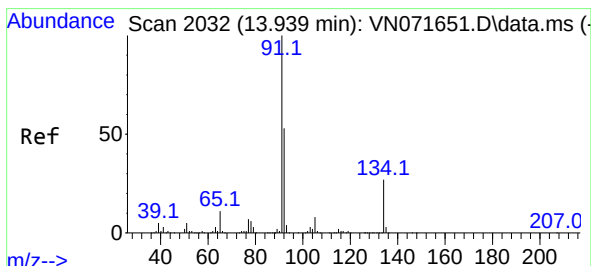
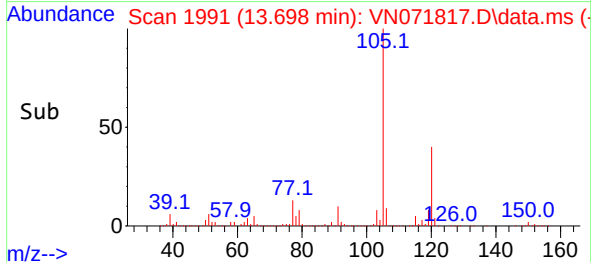
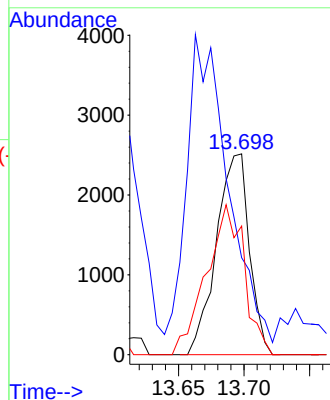
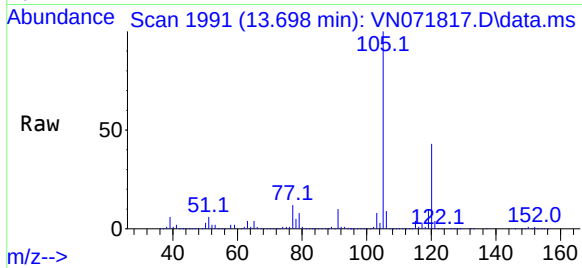




#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 13.698 min Scan# 1989
Delta R.T. 0.012 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

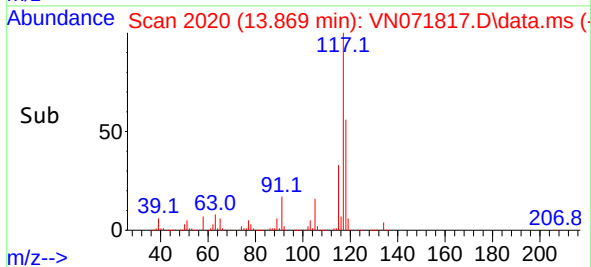
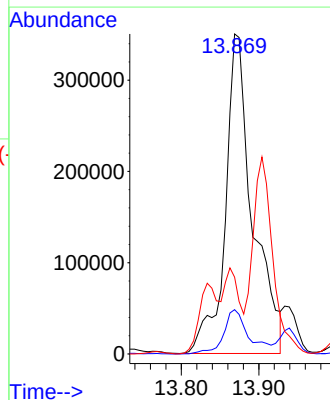
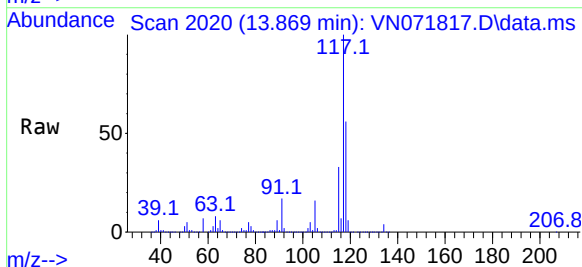
Instrument :
MSVOA_N
ClientSampleId :
MW-3

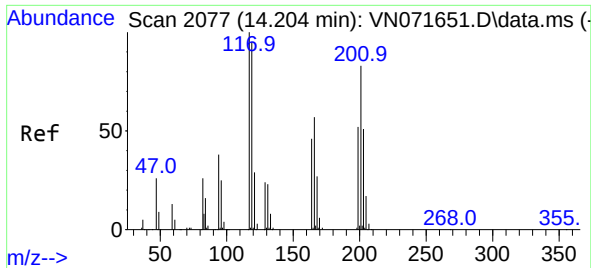
Tgt Ion:146 Resp: 4402
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 85.2 31.4 94.3



#89
n-Butylbenzene
Concen: 33.238 ug/l
RT: 13.869 min Scan# 2020
Delta R.T. -0.070 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 91 Resp: 859676
Ion Ratio Lower Upper
91 100
92 12.7 26.9 80.7#
134 10.5 13.6 40.8#

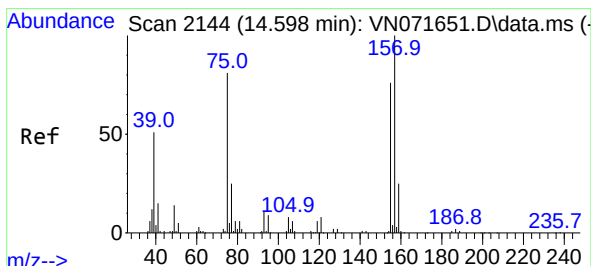
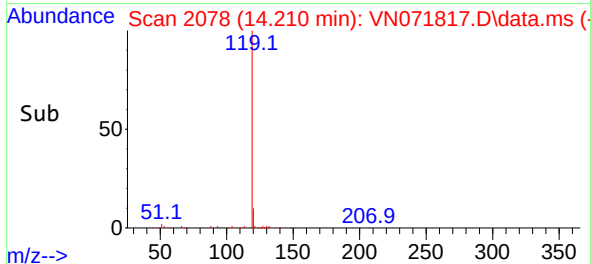
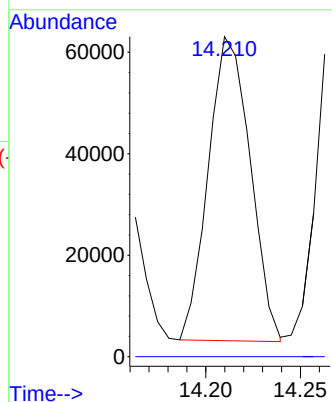
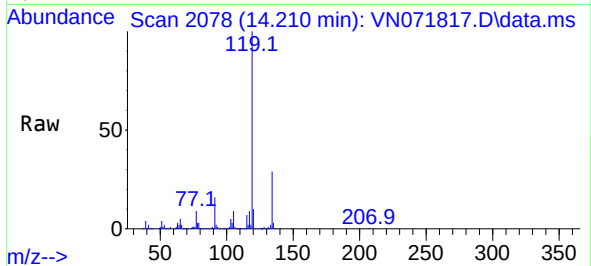




#90
Hexachloroethane
Concen: 14.444 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

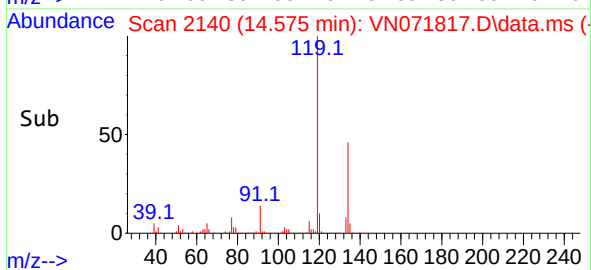
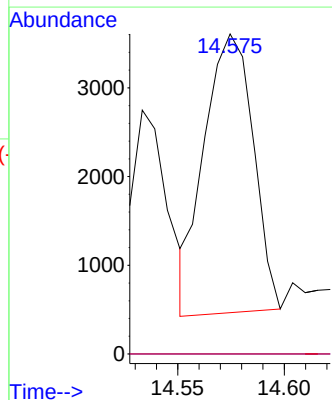
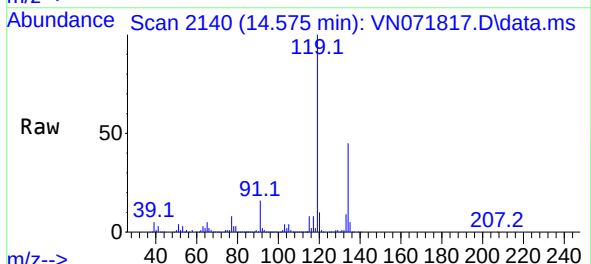
Instrument :
MSVOA_N
ClientSampleId :
MW-3

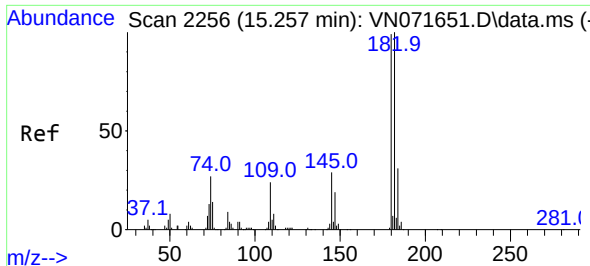
Tgt Ion:117 Resp: 92202
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.083 ug/l
RT: 14.575 min Scan# 2140
Delta R.T. -0.023 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion: 75 Resp: 5022
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

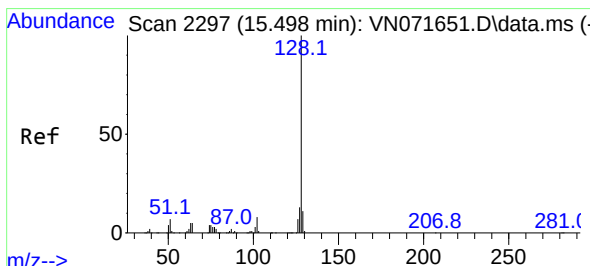
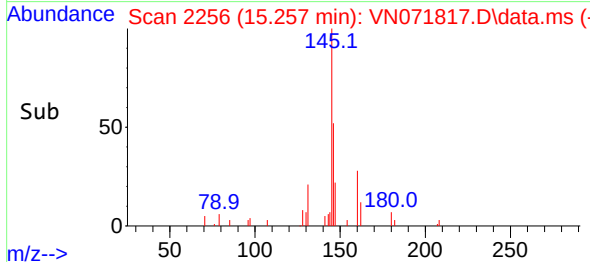
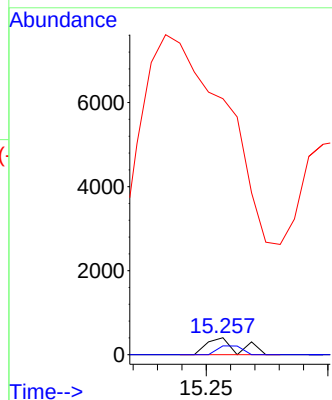
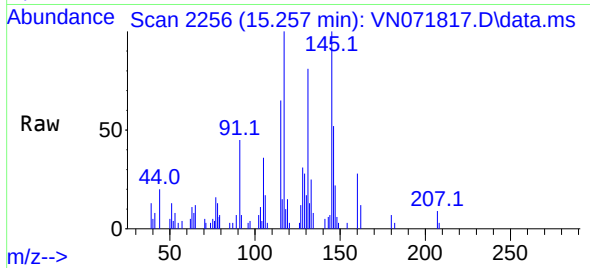




#93
1,2,4-Trichlorobenzene
Concen: 2.125 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

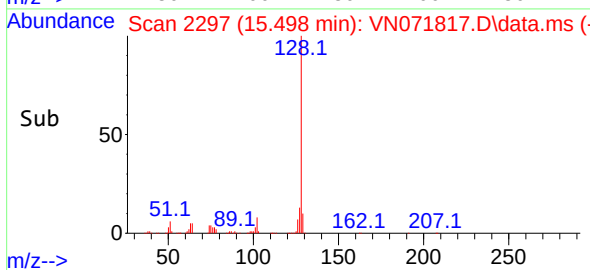
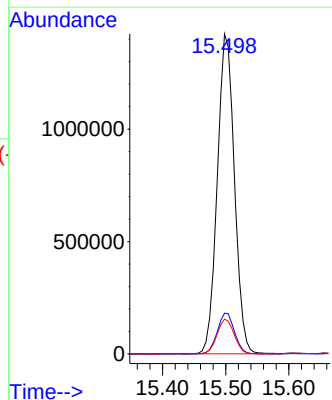
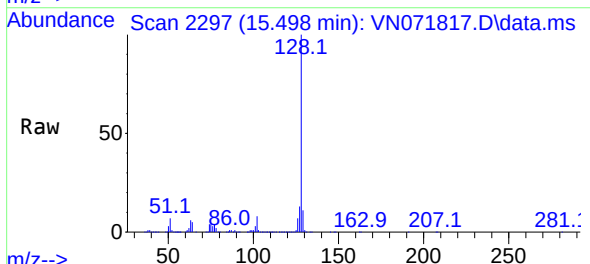
Instrument :
MSVOA_N
ClientSampleId :
MW-3

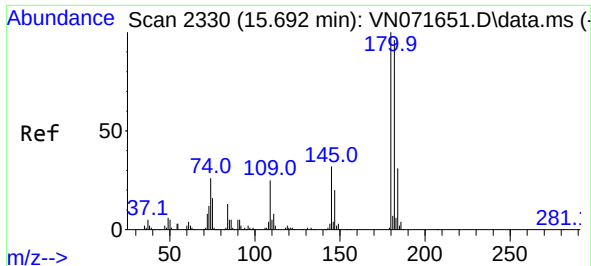
Tgt Ion:180 Resp: 359
Ion Ratio Lower Upper
180 100
182 41.2 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 102.339 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071817.D
Acq: 02 Apr 2022 22:59

Tgt Ion:128 Resp: 2684644
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.440 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071817.D
 Acq: 02 Apr 2022 22:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
180	100		
182	30.9	47.8	143.3#
145	0.0	15.5	46.5#

