

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071816.D
 Acq On : 02 Apr 2022 22:35
 Operator : JC\MD
 Sample : N2242-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Apr 04 01:11:58 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	694830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1161374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1201695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	503387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	382424	48.211	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.420%		
35) Dibromofluoromethane	8.022	113	324616	47.500	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.000%		
50) Toluene-d8	10.439	98	1467075	52.477	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.960%		
62) 4-Bromofluorobenzene	12.727	95	538667	59.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.160%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.793	64	27104	4.901	ug/l #	48
11) Tert butyl alcohol	5.369	59	54302	42.184	ug/l #	72
13) Acrolein	3.999	56	19762	12.591	ug/l #	1
14) Allyl chloride	5.081	41	183100	19.670	ug/l #	62
15) Acrylonitrile	5.628	53	37172	9.935	ug/l #	39
16) Acetone	4.263	43	195125	57.559	ug/l #	57
17) Carbon Disulfide	4.546	76	6123	0.465	ug/l	98
18) Methyl Acetate	5.081	43	461049	55.075	ug/l #	48
19) Methyl tert-butyl Ether	5.616	73	71337	3.348	ug/l #	1
20) Methylene Chloride	5.257	84	61558	8.615	ug/l #	12
23) Vinyl Acetate	6.475	43	22175	1.376	ug/l #	74
24) 1,1-Dichloroethane	6.475	63	7245	0.609	ug/l #	82
25) 2-Butanone	7.334	43	38512	7.880	ug/l #	86
28) Bromochloromethane	7.845	49	2409	0.502	ug/l #	8
29) Tetrahydrofuran	7.669	42	990	0.313	ug/l #	29
30) Chloroform	7.840	83	9746	0.776	ug/l	84
31) Cyclohexane	8.092	56	537484	49.825	ug/l	95
36) 1,1-Dichloropropene	8.081	75	48836	5.117	ug/l #	48
37) Ethyl Acetate	7.334	43	38512	3.687	ug/l #	67
38) Carbon Tetrachloride	8.081	117	61878	6.616	ug/l #	15
39) Methylcyclohexane	9.457	83	515938	45.416	ug/l	99
40) Benzene	8.457	78	5309756	176.127	ug/l	100
41) Methacrylonitrile	7.669	41	12729	2.489	ug/l #	36
42) 1,2-Dichloroethane	8.463	62	43486	4.170	ug/l #	49
43) Isopropyl Acetate	8.557	43	62331	3.588	ug/l #	53
45) 1,2-Dichloropropane	9.457	63	6435	0.854	ug/l #	1
47) Bromodichloromethane	9.745	83	18392	1.827	ug/l #	26
48) Methyl methacrylate	9.639	41	71277	9.888	ug/l #	53
51) 4-Methyl-2-Pentanone	10.322	43	3625	0.363	ug/l	94
52) Toluene	10.498	92	163348	8.572	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	58235	7.425	ug/l #	21
56) Ethyl methacrylate	10.781	69	7806	0.698	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.034	63	1662	17.416	ug/l #	44
59) 2-Hexanone	11.116	43	2723	0.387	ug/l	68
67) Ethyl Benzene	11.839	91	197870	4.858	ug/l	98
68) m/p-Xylenes	11.951	106	1506827	96.277	ug/l	100

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

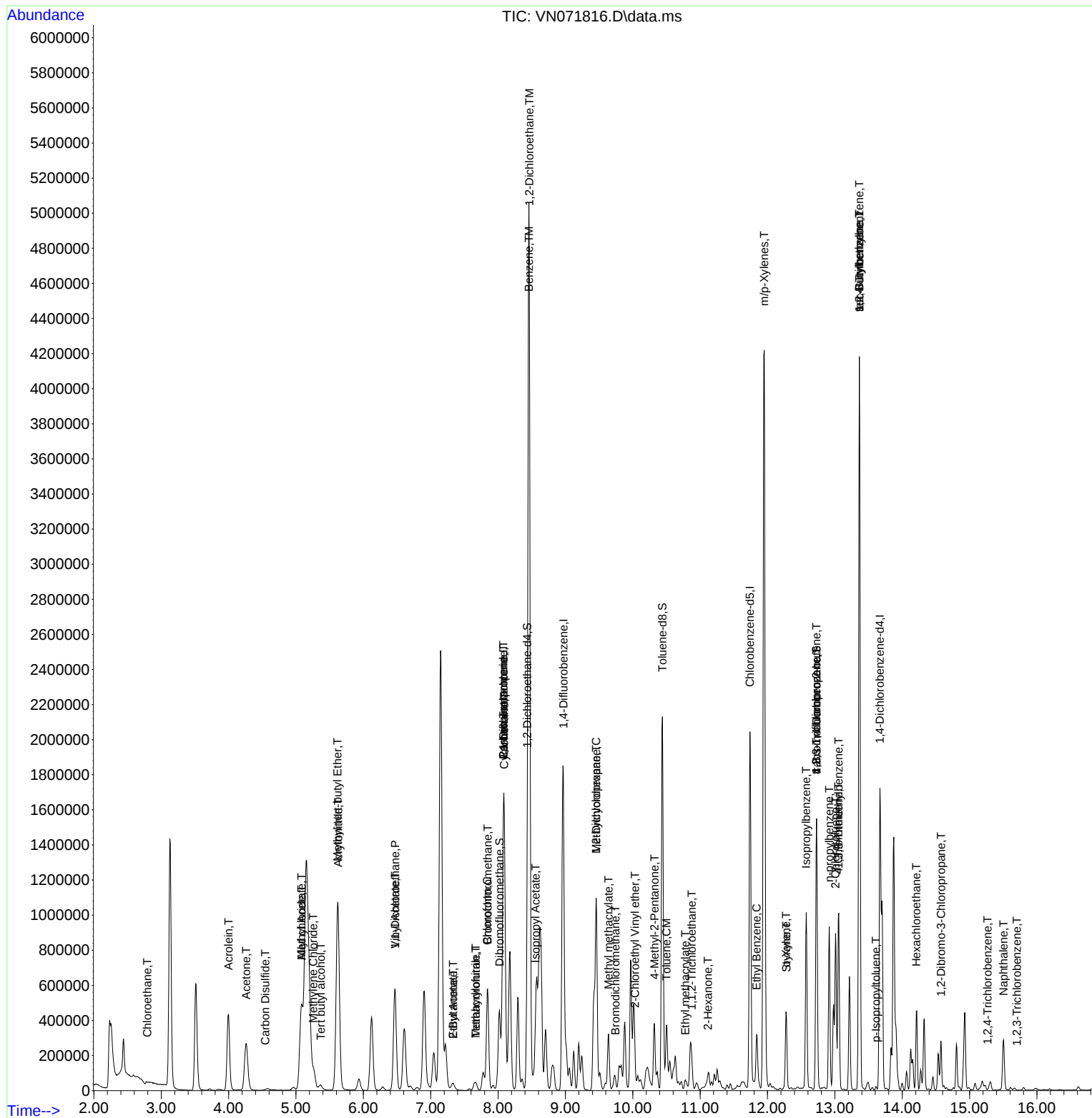
69) o-Xylene	12.275	106	130841	8.423	ug/l	100
70) Styrene	12.280	104	6798	0.289	ug/l #	1
73) Isopropylbenzene	12.575	105	683348	16.109	ug/l	100
76) 1,2,3-Trichloropropane	12.727	75	267703	22.956	ug/l #	1
78) n-propylbenzene	12.916	91	733827	16.446	ug/l	100
79) 2-Chlorotoluene	13.010	91	63684	2.225	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	574399	17.091	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	267703	71.141	ug/l #	11
82) 4-Chlorotoluene	13.051	91	60230	2.271	ug/l #	40
83) tert-Butylbenzene	13.363	119	298930	9.730	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.363	105	2411812	73.548	ug/l	100
85) sec-Butylbenzene	13.363	105	2411812	60.559	ug/l #	56
86) p-Isopropyltoluene	13.610	119	11510	0.362	ug/l #	78
90) Hexachloroethane	14.210	117	25627	4.409	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.574	75	1168	0.532	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	298	2.121	ug/l #	31
95) Naphthalene	15.504	128	280983	15.128	ug/l	100
96) 1,2,3-Trichlorobenzene	15.704	180	70	2.423	ug/l #	12

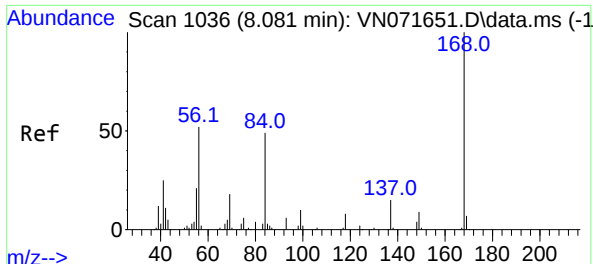
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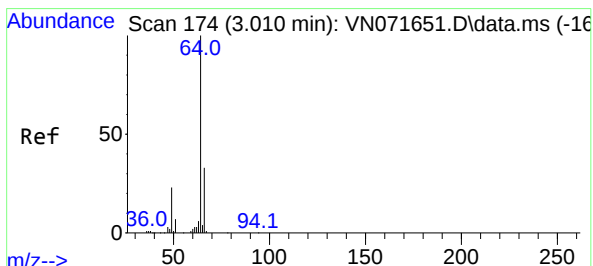
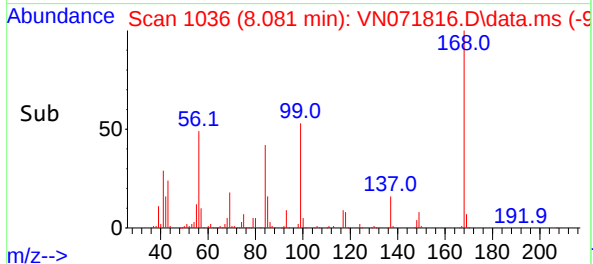
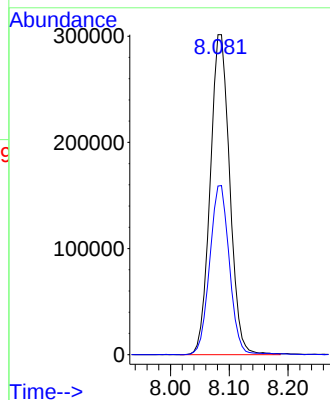
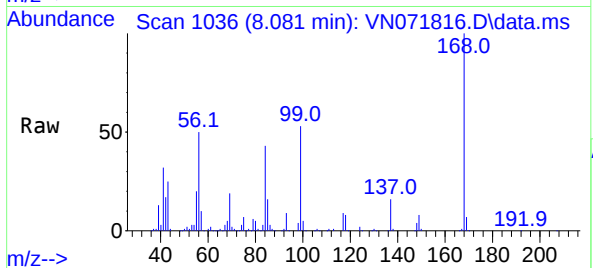




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

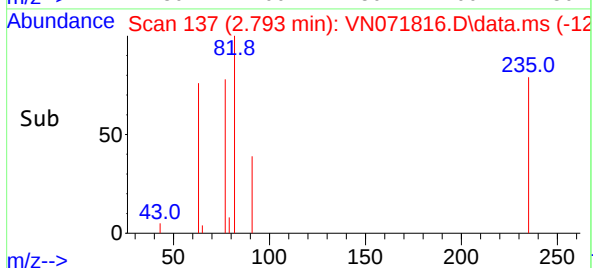
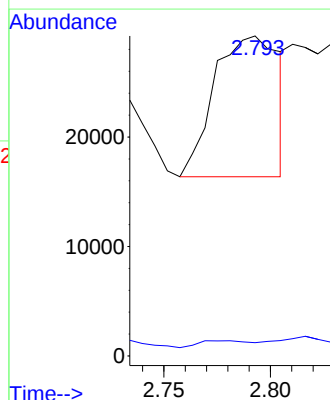
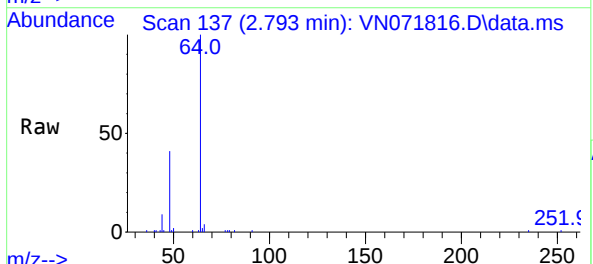
Instrument :
MSVOA_N
ClientSampleId :
MW-4

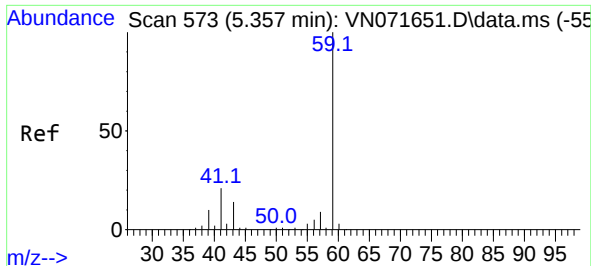
Tgt Ion:168 Resp: 694830
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#6
Chloroethane
Concen: 4.901 ug/l
RT: 2.793 min Scan# 137
Delta R.T. -0.217 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 64 Resp: 27104
Ion Ratio Lower Upper
64 100
66 3.6 26.2 39.4#

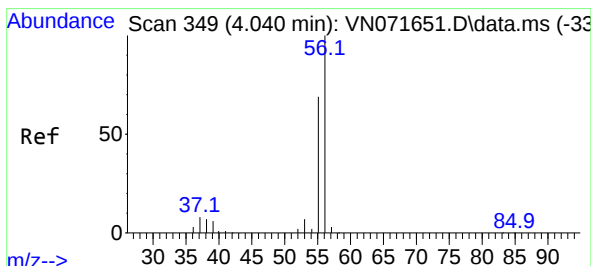
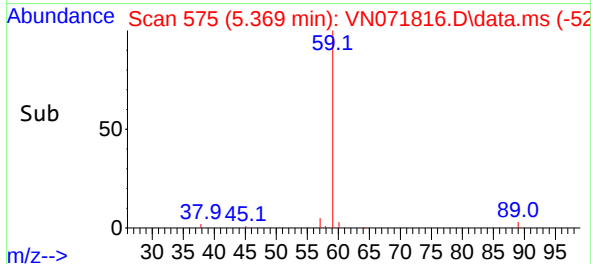
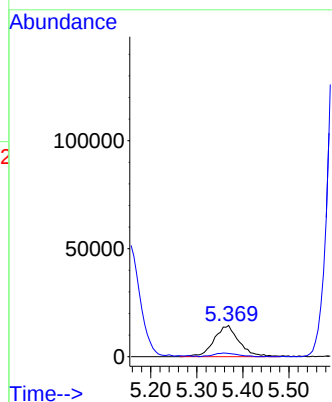
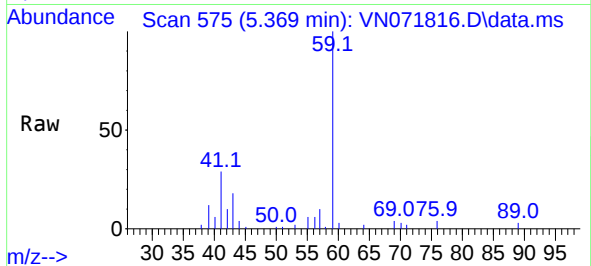




#11
Tert butyl alcohol
Concen: 42.184 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

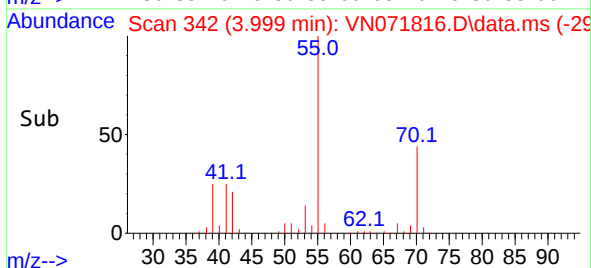
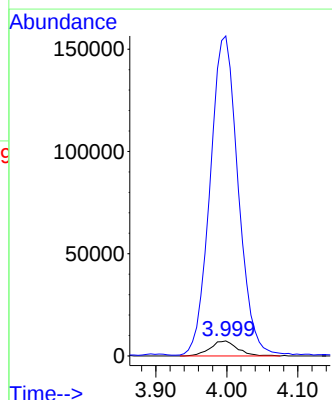
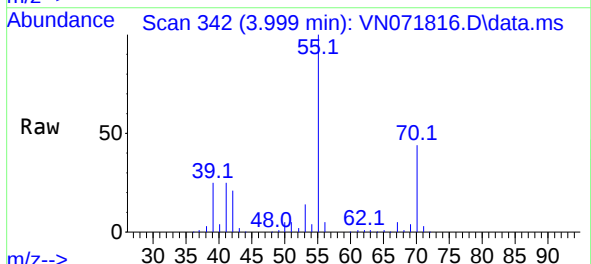
Instrument :
MSVOA_N
ClientSampleId :
MW-4

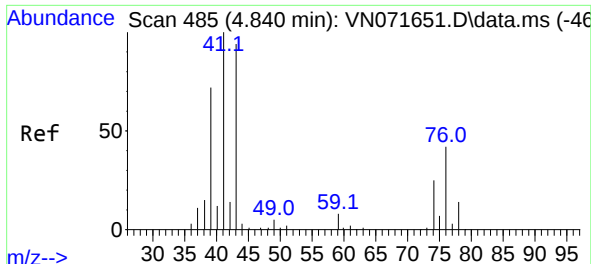
Tgt Ion: 59 Resp: 54302
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 12.591 ug/l
RT: 3.999 min Scan# 342
Delta R.T. -0.041 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 56 Resp: 19762
Ion Ratio Lower Upper
56 100
55 2171.2 54.8 82.2#





#14

Allyl chloride

Concen: 19.670 ug/l

RT: 5.081 min Scan# 51

Delta R.T. 0.241 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

MW-4

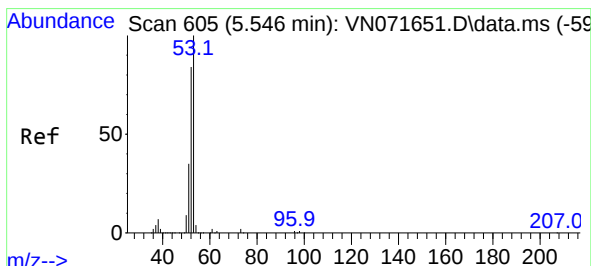
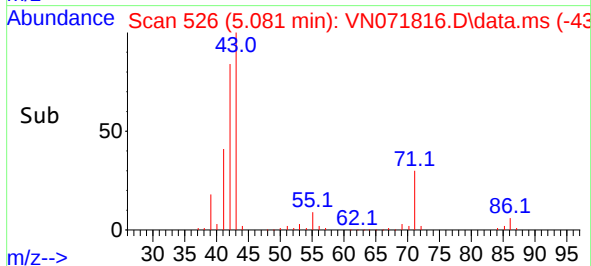
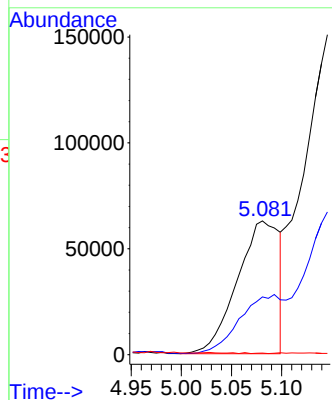
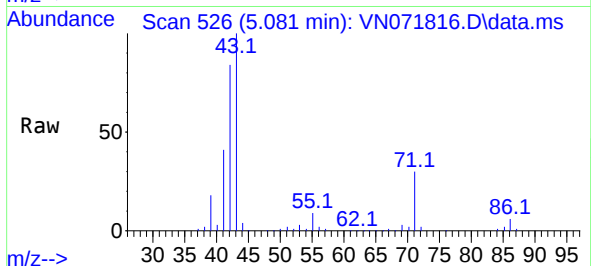
Tgt Ion: 41 Resp: 183100

Ion Ratio Lower Upper

41 100

39 47.2 53.2 79.8#

76 0.1 29.9 44.9#



#15

Acrylonitrile

Concen: 9.935 ug/l

RT: 5.628 min Scan# 619

Delta R.T. 0.082 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

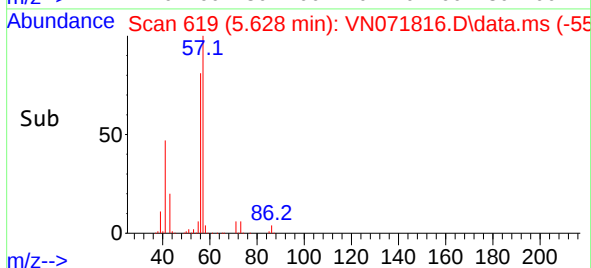
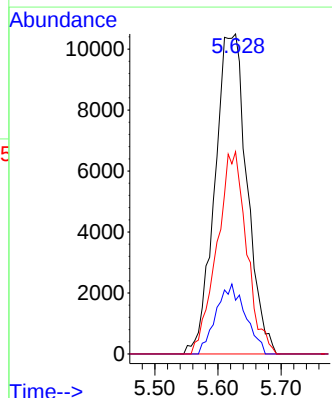
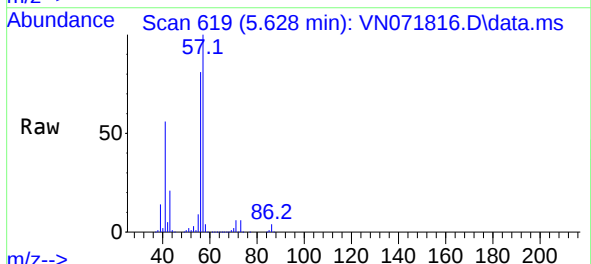
Tgt Ion: 53 Resp: 37172

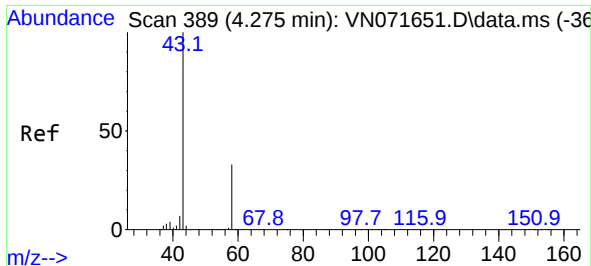
Ion Ratio Lower Upper

53 100

52 19.8 66.4 99.6#

51 58.5 28.5 42.7#

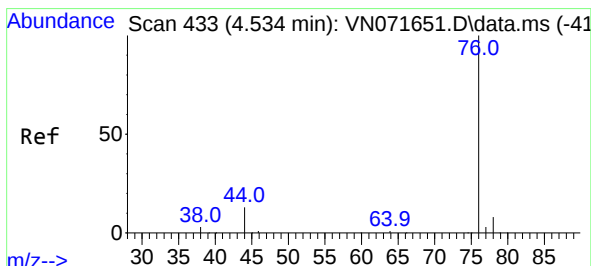
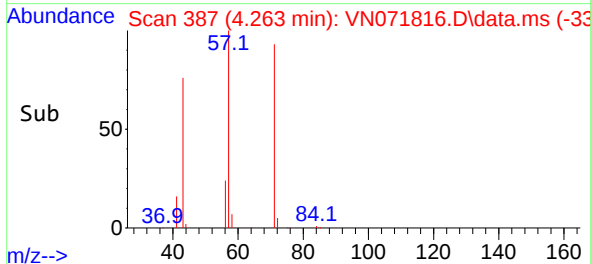
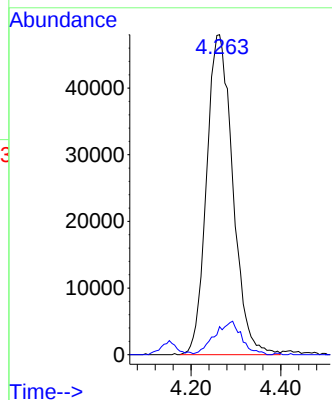
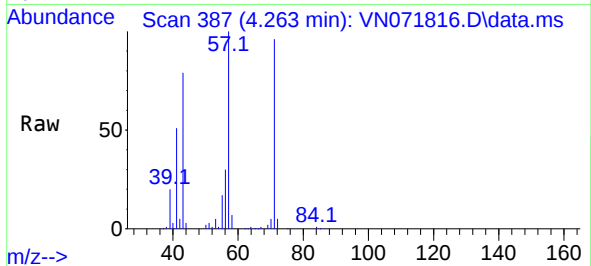




#16
Acetone
Concen: 57.559 ug/l
RT: 4.263 min Scan# 389
Delta R.T. -0.012 min
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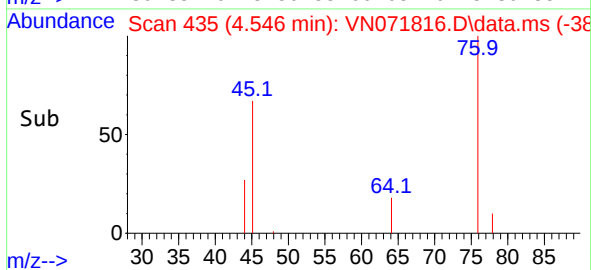
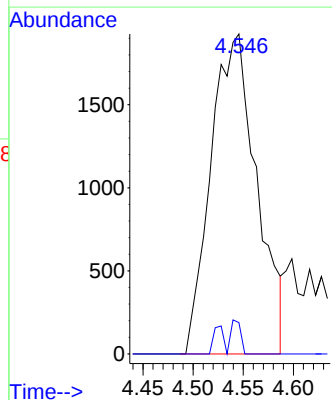
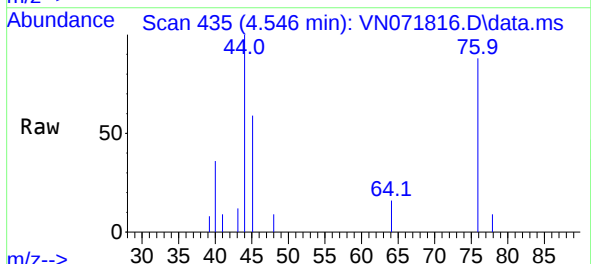
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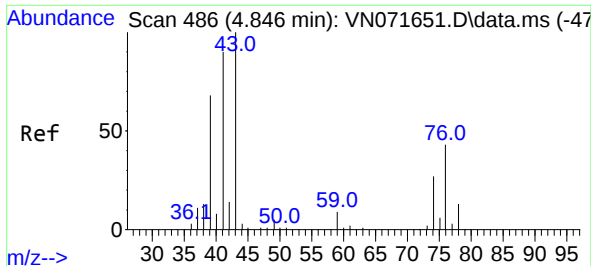
Tgt Ion: 43 Resp: 195125
Ion Ratio Lower Upper
43 100
58 8.3 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.465 ug/l
RT: 4.546 min Scan# 435
Delta R.T. 0.012 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 76 Resp: 6123
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

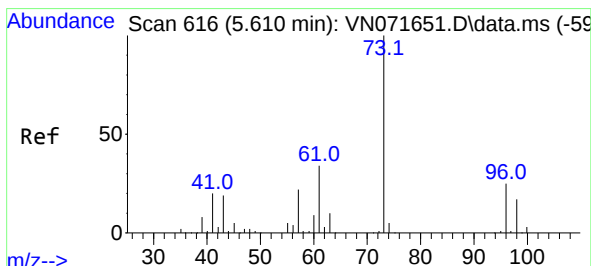
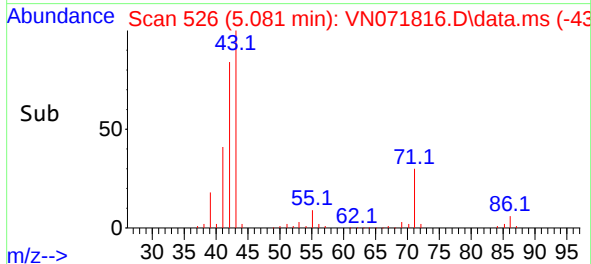
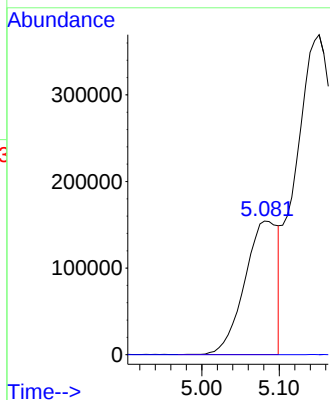
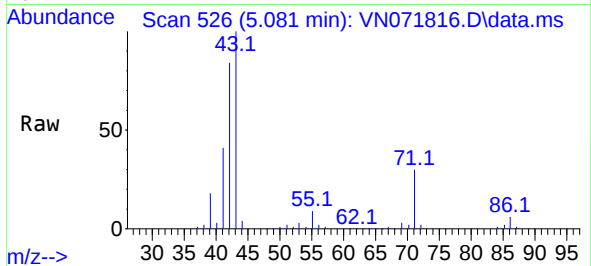




#18
Methyl Acetate
Concen: 55.075 ug/l
RT: 5.081 min Scan# 51
Delta R.T. 0.235 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

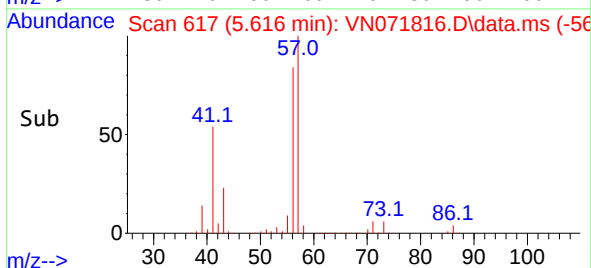
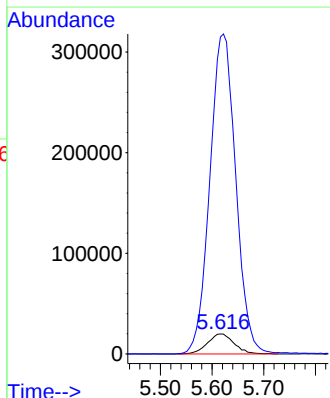
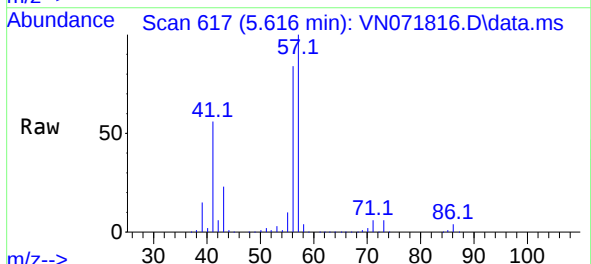
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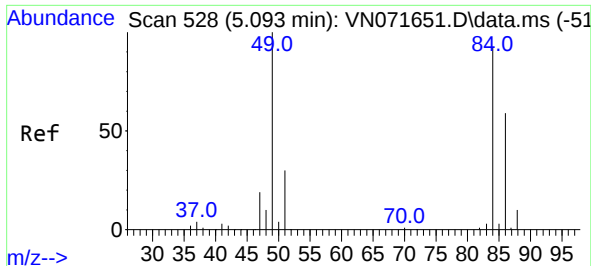
Tgt Ion: 43 Resp: 461049
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 3.348 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 73 Resp: 71337
Ion Ratio Lower Upper
73 100
57 1579.1 17.6 26.4#



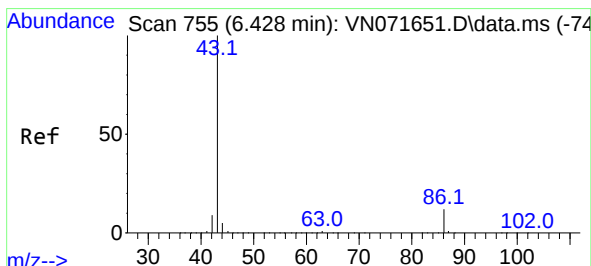
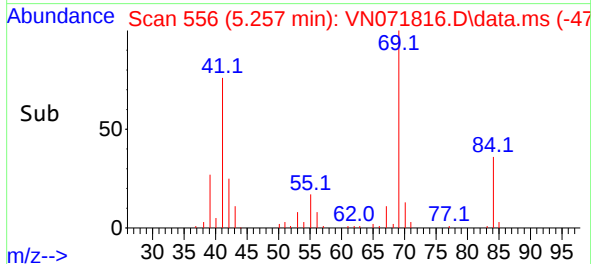
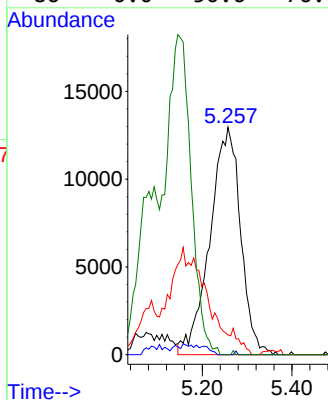
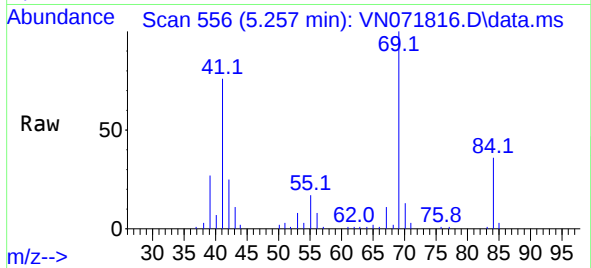


#20
Methylene Chloride
Concen: 8.615 ug/l
RT: 5.257 min Scan# 51
Delta R.T. 0.164 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
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Tgt Ion: 84 Resp: 61558

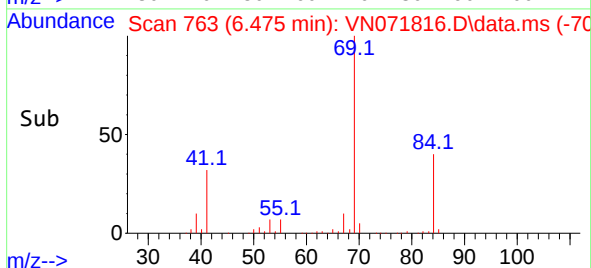
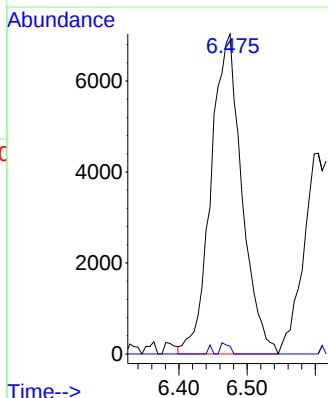
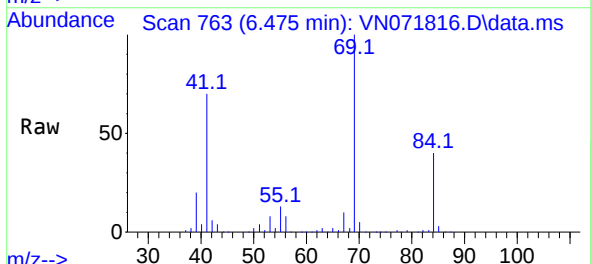
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	7.5	28.2	42.2#
86	0.0	50.6	76.0#

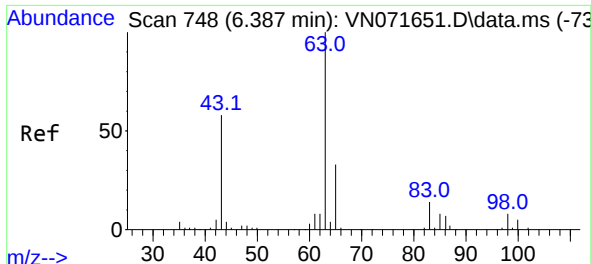


#23
Vinyl Acetate
Concen: 1.376 ug/l
RT: 6.475 min Scan# 763
Delta R.T. 0.047 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 43 Resp: 22175

Ion	Ratio	Lower	Upper
43	100		
86	2.4	10.0	15.0#

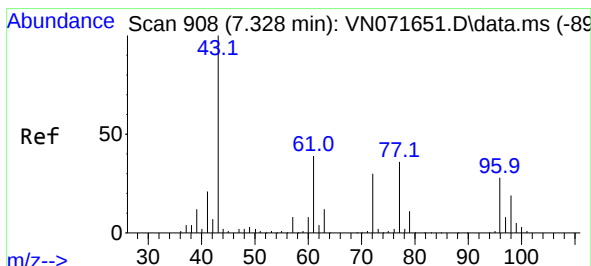
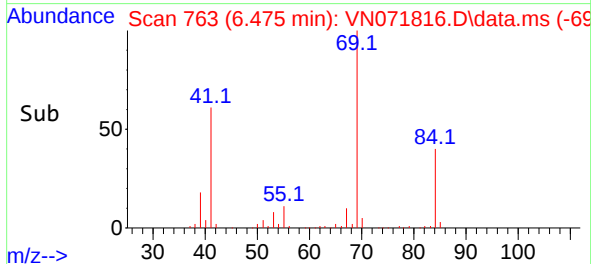
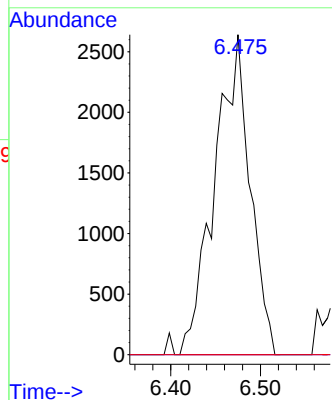
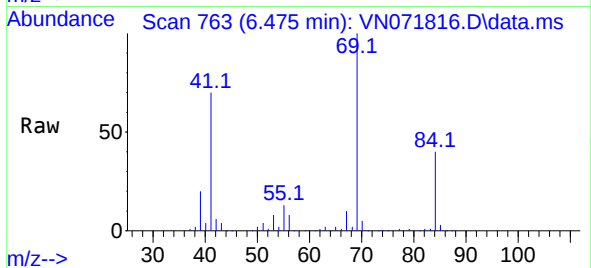




#24
1,1-Dichloroethane
Concen: 0.609 ug/l
RT: 6.475 min Scan# 709
Delta R.T. 0.088 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

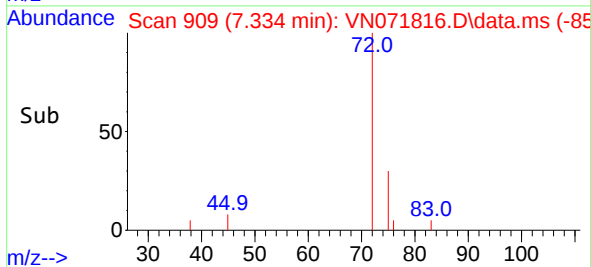
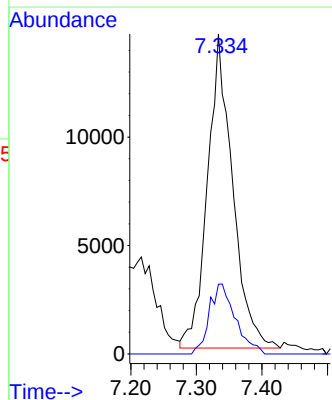
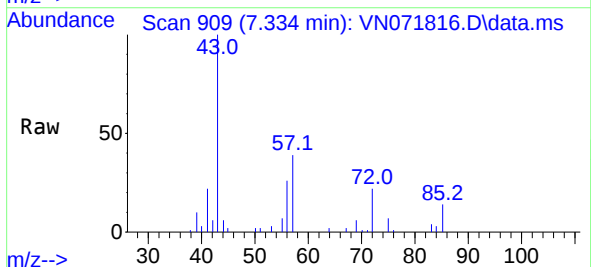
Instrument :
MSVOA_N
ClientSampleId :
MW-4

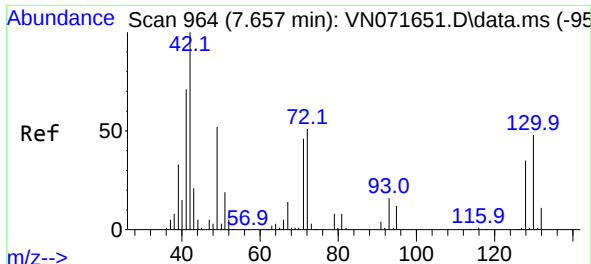
Tgt Ion: 63 Resp: 7245
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 7.880 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 43 Resp: 38512
Ion Ratio Lower Upper
43 100
72 22.2 23.7 35.5#

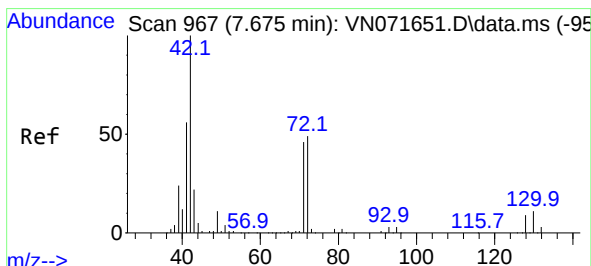
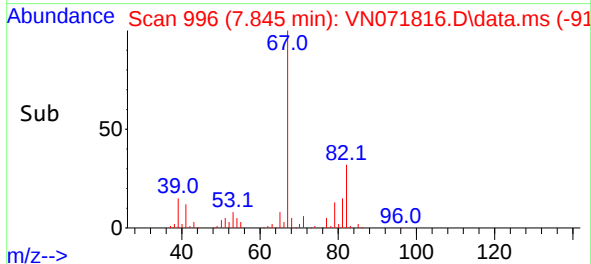
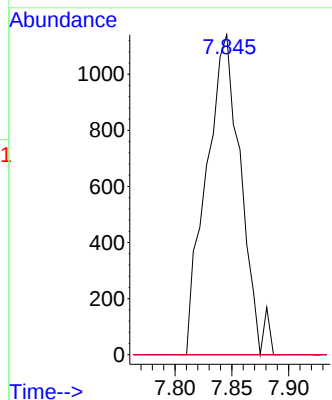
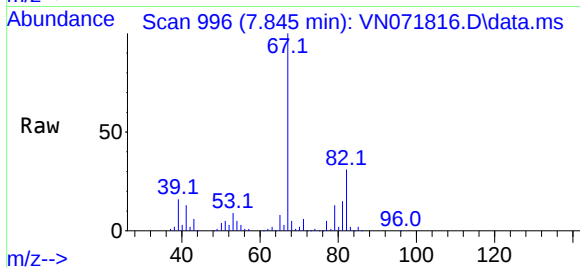




#28
Bromochloromethane
Concen: 0.502 ug/l
RT: 7.845 min Scan# 996
Delta R.T. 0.188 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

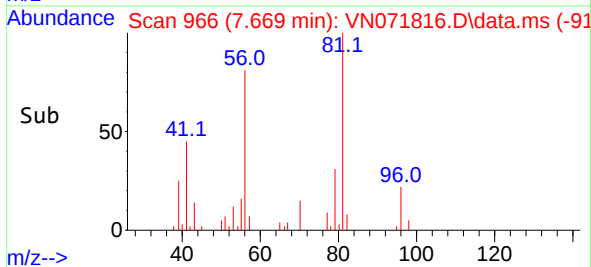
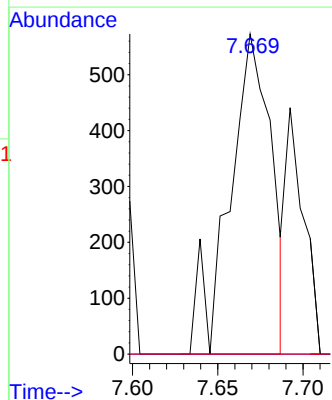
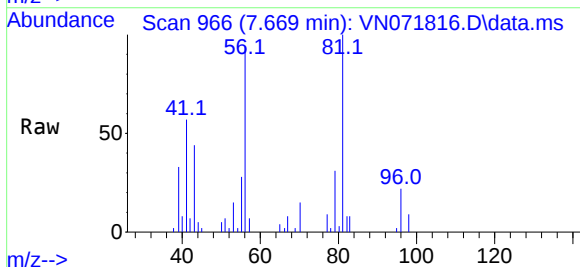
Instrument :
MSVOA_N
ClientSampleId :
MW-4

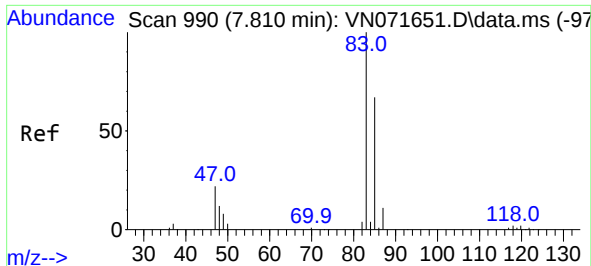
Tgt Ion: 49 Resp: 2409
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 0.313 ug/l
RT: 7.669 min Scan# 966
Delta R.T. -0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 42 Resp: 990
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#

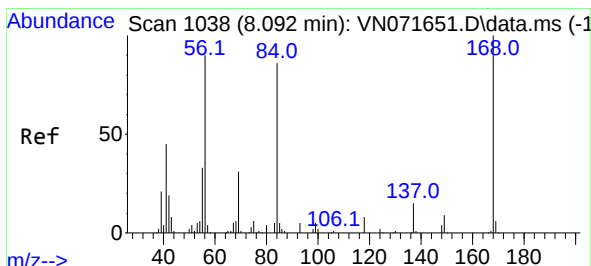
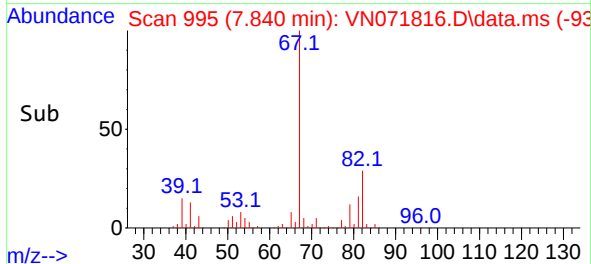
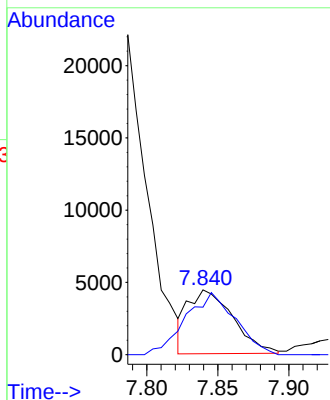
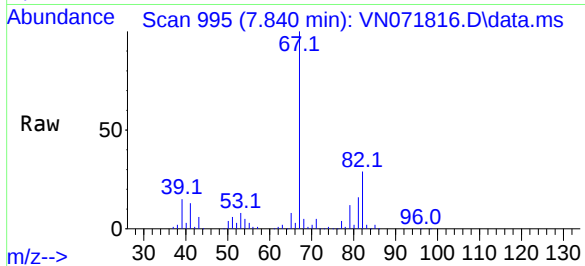




#30
Chloroform
Concen: 0.776 ug/l
RT: 7.840 min Scan# 990
Delta R.T. 0.030 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

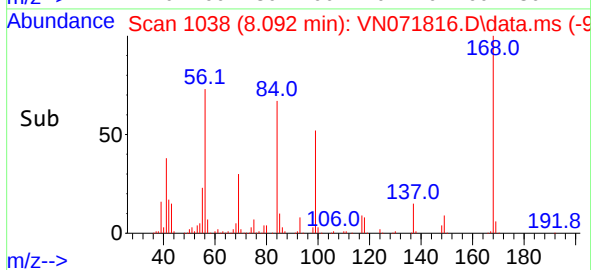
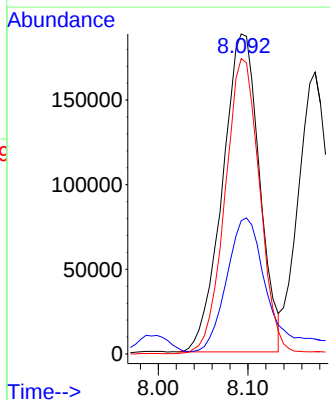
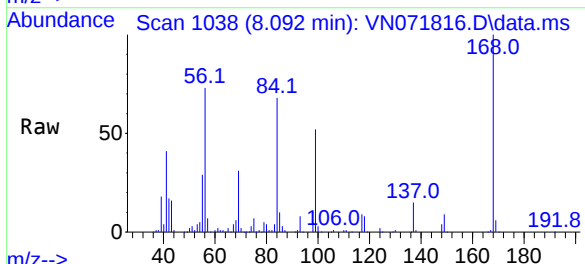
Instrument :
MSVOA_N
ClientSampleId :
MW-4

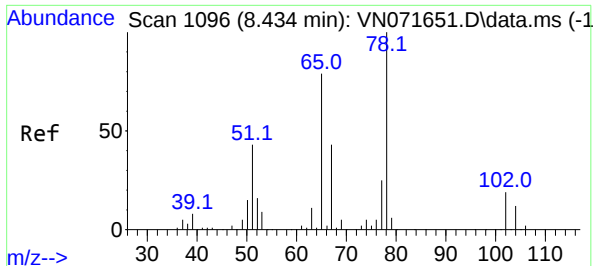
Tgt Ion: 83 Resp: 9746
Ion Ratio Lower Upper
83 100
85 77.6 51.8 77.8



#31
Cyclohexane
Concen: 49.825 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 56 Resp: 537484
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.8
84 92.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 48.211 ug/l

RT: 8.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

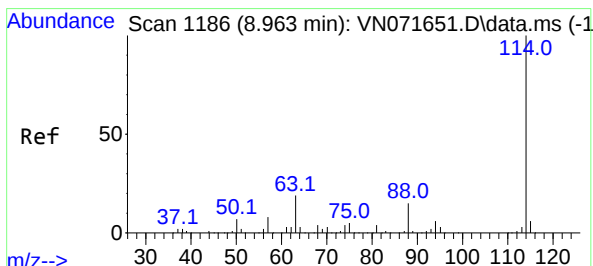
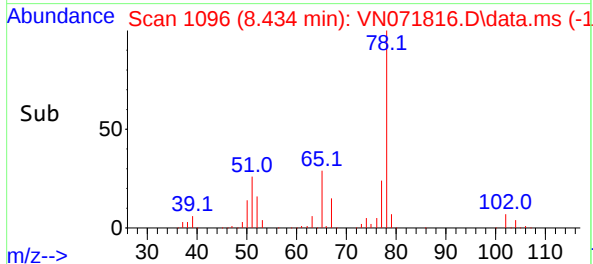
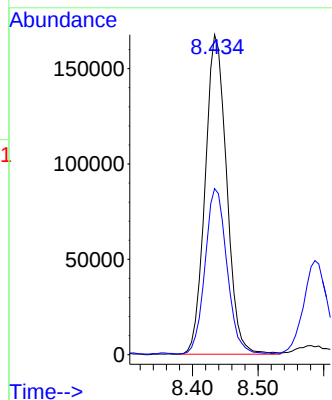
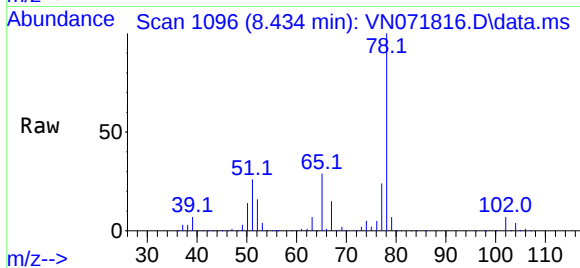
MW-4

Tgt Ion: 65 Resp: 382424

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

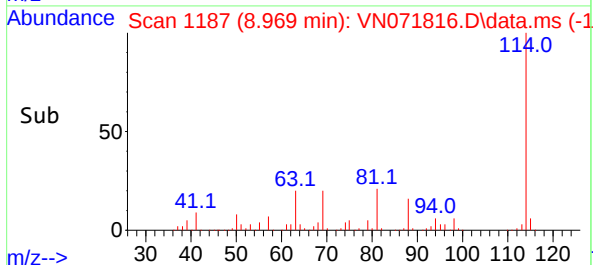
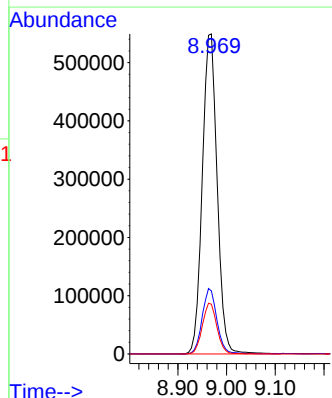
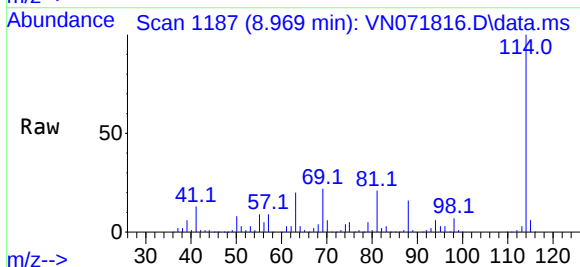
Tgt Ion:114 Resp: 1161374

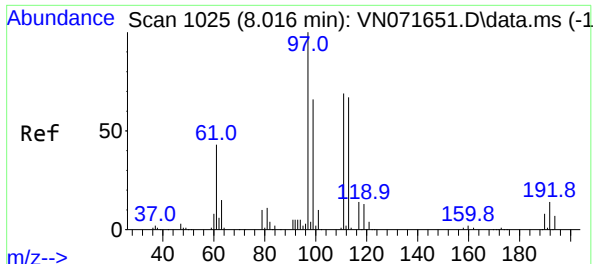
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.5 0.0 32.6

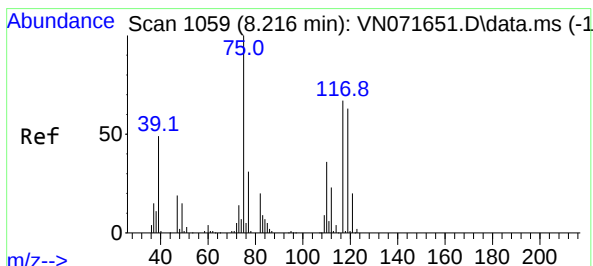
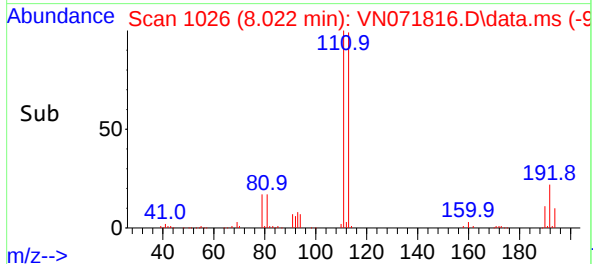
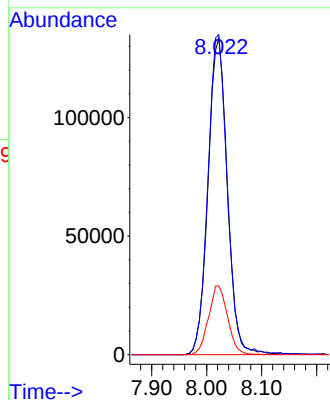
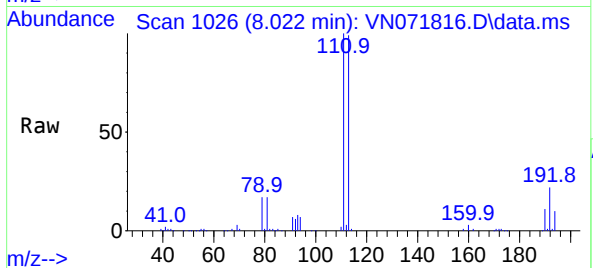




#35
Dibromofluoromethane
Concen: 47.500 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

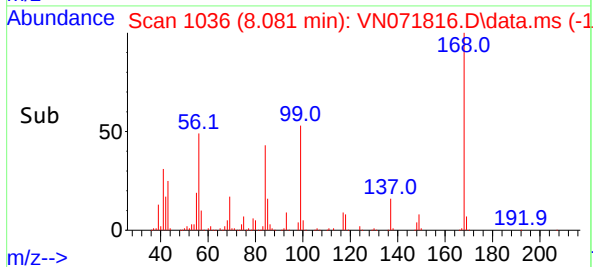
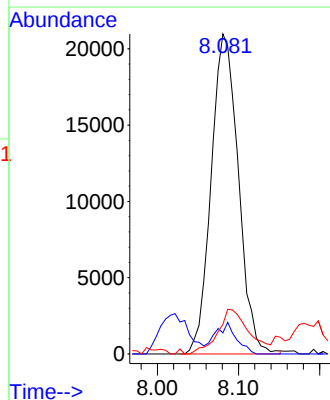
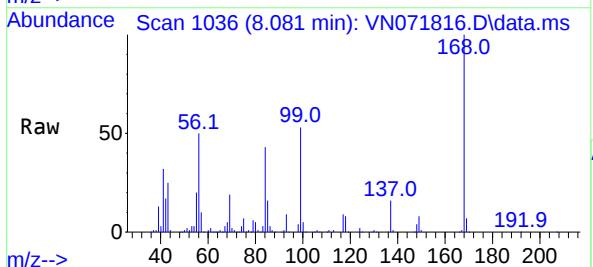
Instrument :
MSVOA_N
ClientSampleId :
MW-4

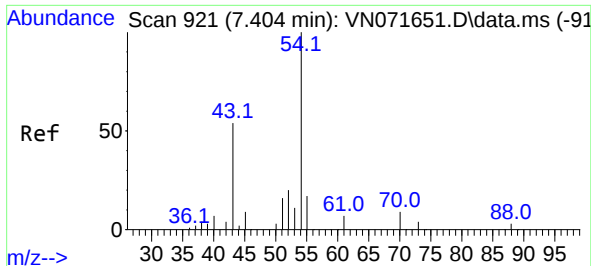
Tgt Ion:113 Resp: 324616
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 21.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 75 Resp: 48836
Ion Ratio Lower Upper
75 100
110 7.7 18.3 54.8#
77 0.0 25.1 37.7#

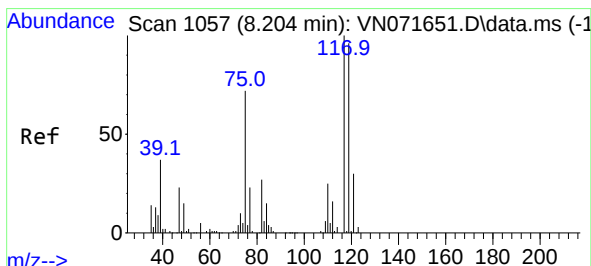
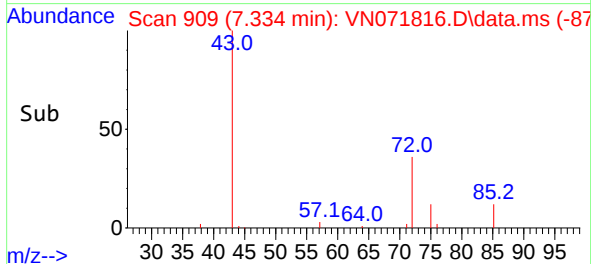
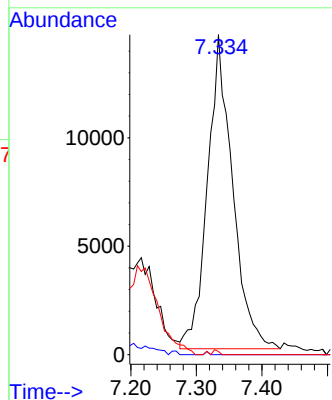
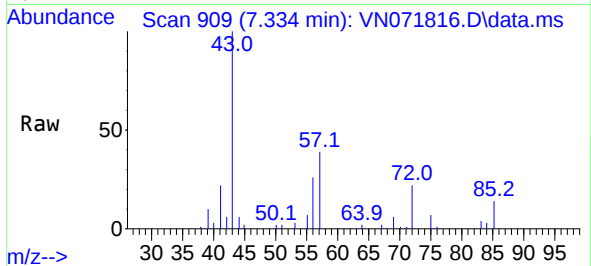




#37
Ethyl Acetate
Concen: 3.687 ug/l
RT: 7.334 min Scan# 90
Delta R.T. -0.070 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

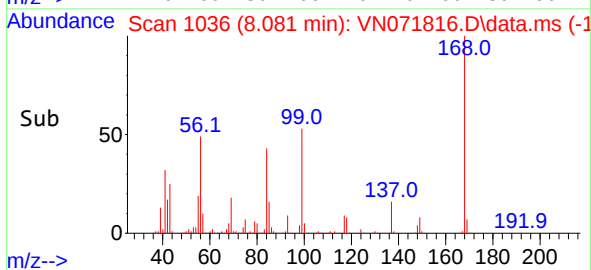
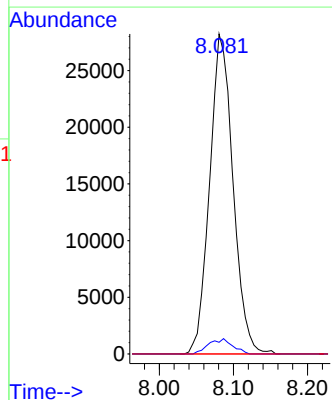
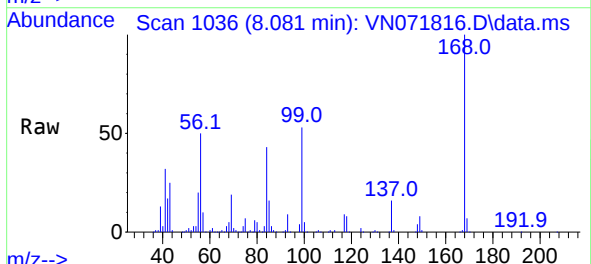
Instrument :
MSVOA_N
ClientSampleId :
MW-4

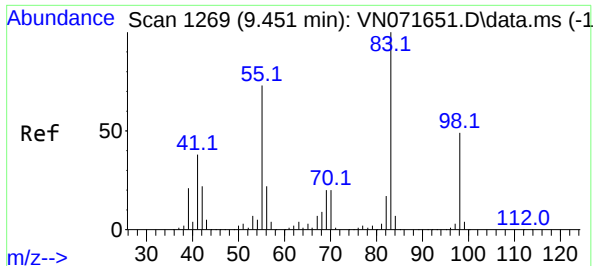
Tgt Ion: 43 Resp: 38512
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.616 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 117 Resp: 61878
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 24.6 37.0#

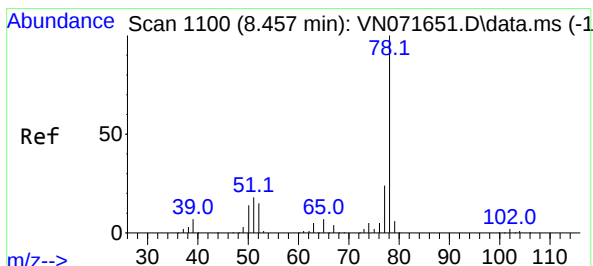
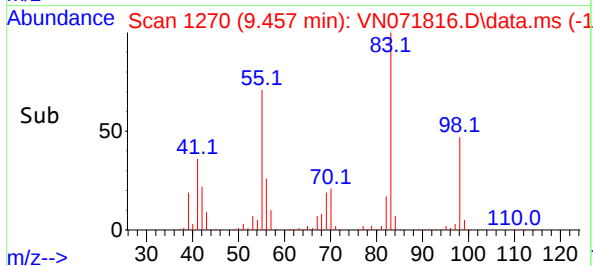
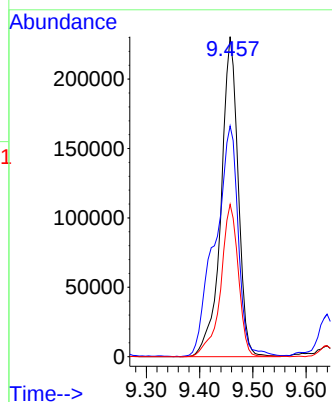
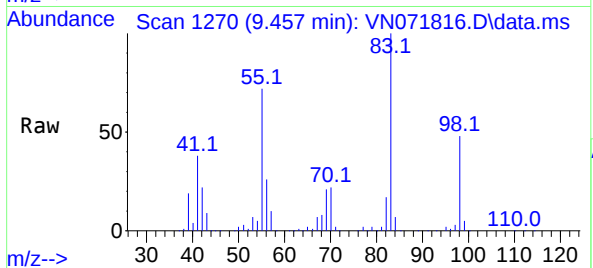




#39
Methylcyclohexane
Concen: 45.416 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

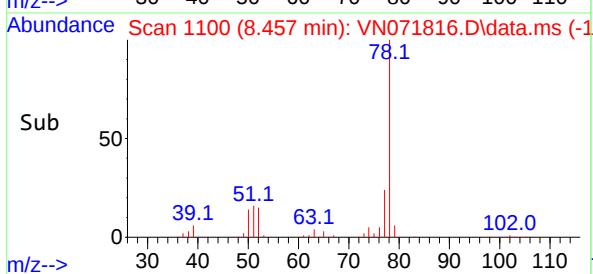
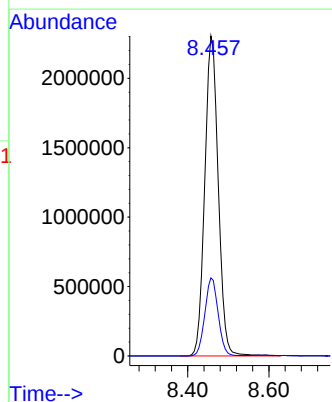
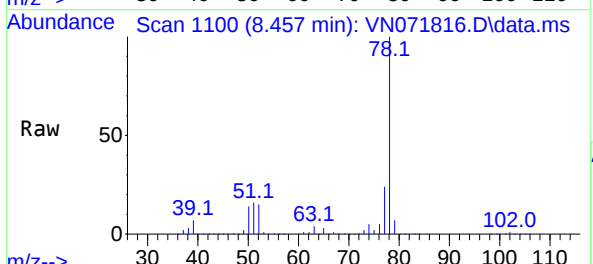
Instrument :
MSVOA_N
ClientSampleId :
MW-4

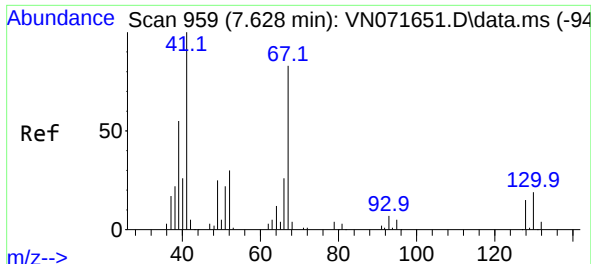
Tgt Ion: 83 Resp: 515938
Ion Ratio Lower Upper
83 100
55 72.1 57.8 86.8
98 47.6 39.4 59.2



#40
Benzene
Concen: 176.127 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 78 Resp: 5309756
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



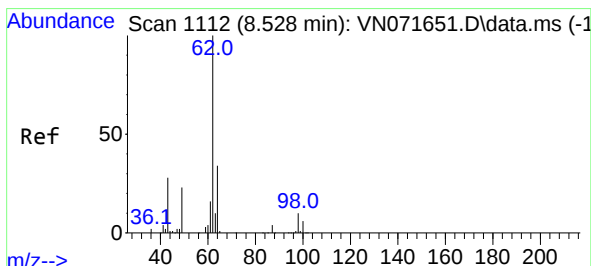
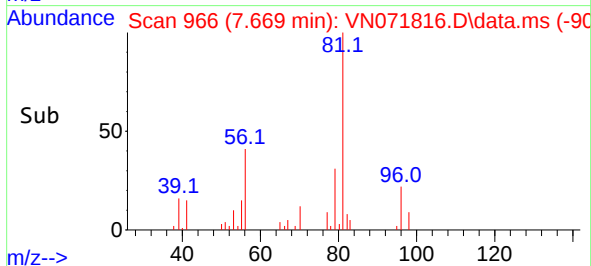
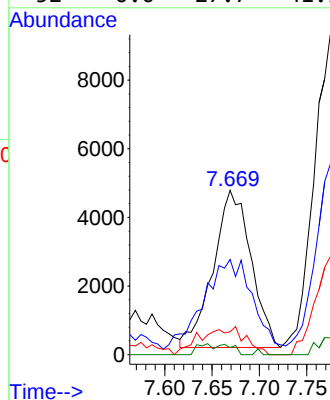
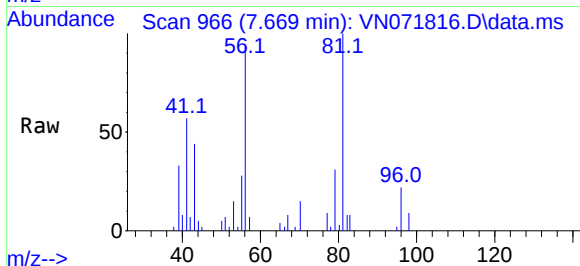


#41
Methacrylonitrile
Concen: 2.489 ug/l
RT: 7.669 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion: 41 Resp: 12729

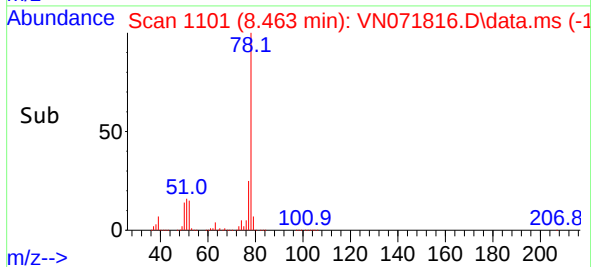
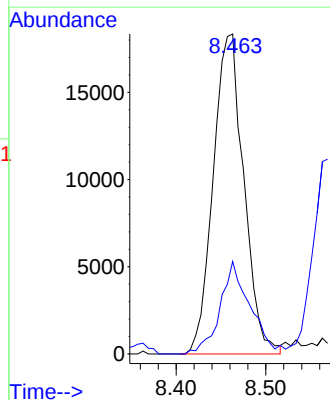
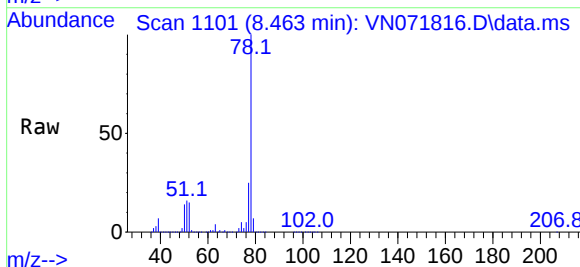
Ion	Ratio	Lower	Upper
41	100		
39	73.6	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#

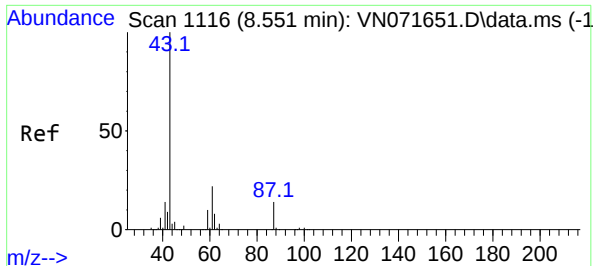


#42
1,2-Dichloroethane
Concen: 4.170 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. -0.065 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 62 Resp: 43486

Ion	Ratio	Lower	Upper
62	100		
98	28.4	0.0	19.4#

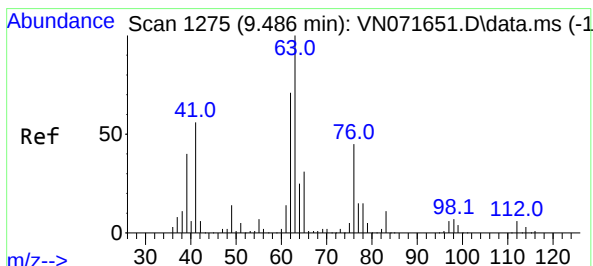
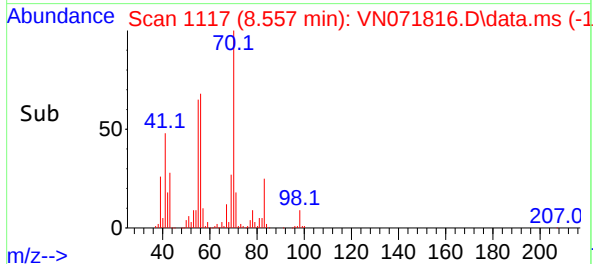
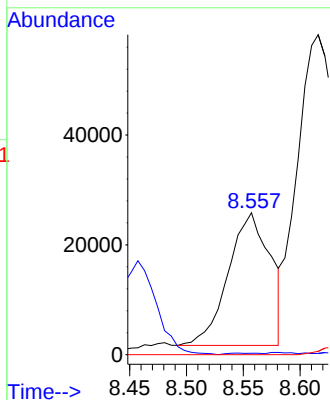
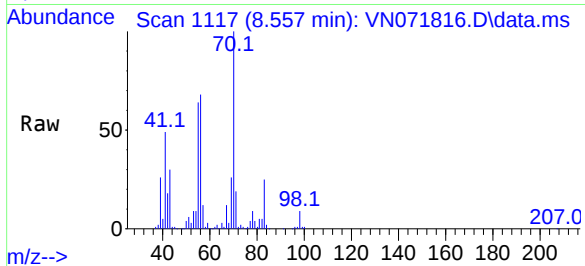




#43
Isopropyl Acetate
Concen: 3.588 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

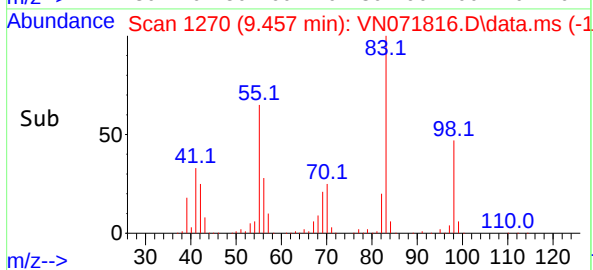
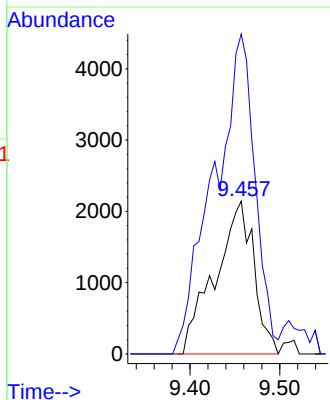
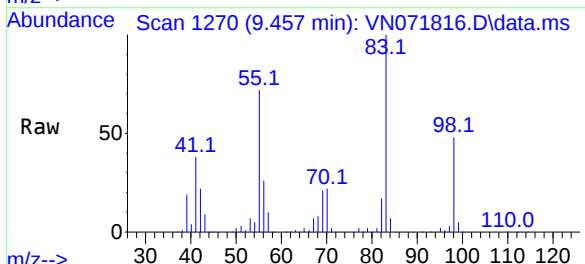
Instrument :
MSVOA_N
ClientSampleId :
MW-4

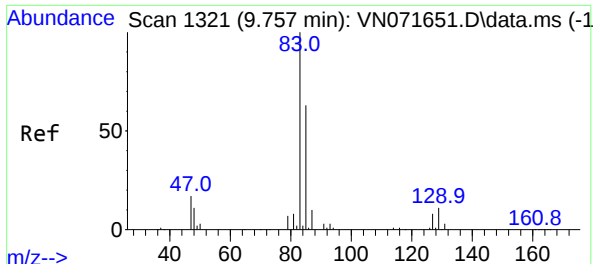
Tgt Ion: 43 Resp: 62331
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.854 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.029 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 63 Resp: 6435
Ion Ratio Lower Upper
63 100
65 200.1 24.9 37.3#

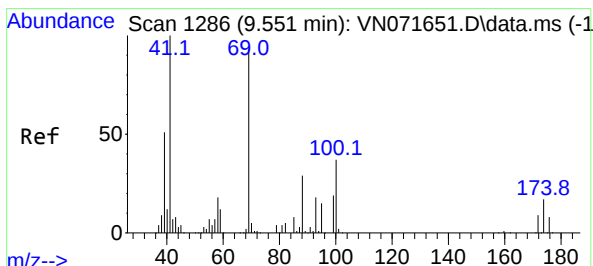
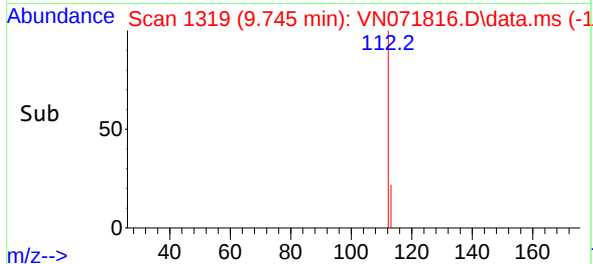
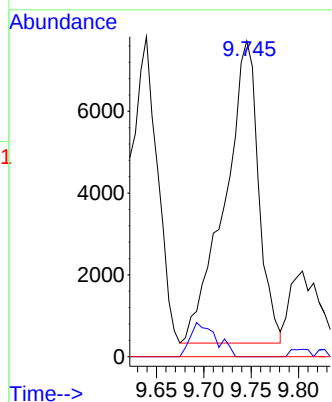
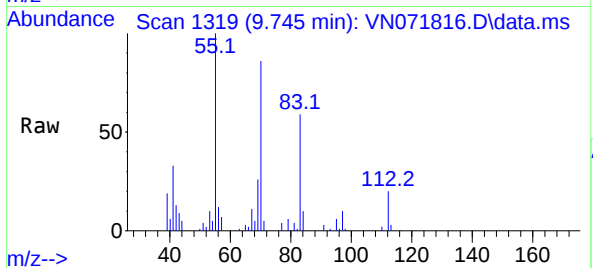




#47
Bromodichloromethane
Concen: 1.827 ug/l
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

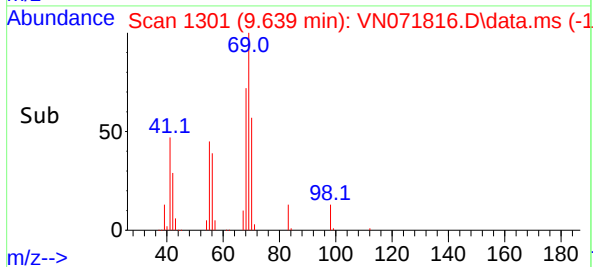
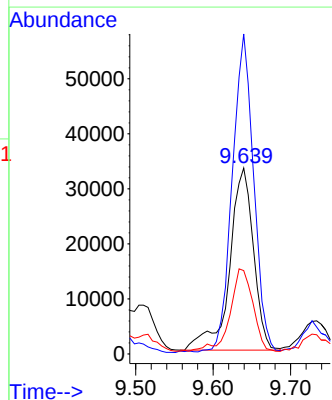
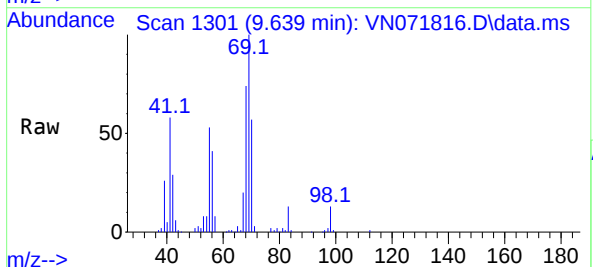
Instrument :
MSVOA_N
ClientSampleId :
MW-4

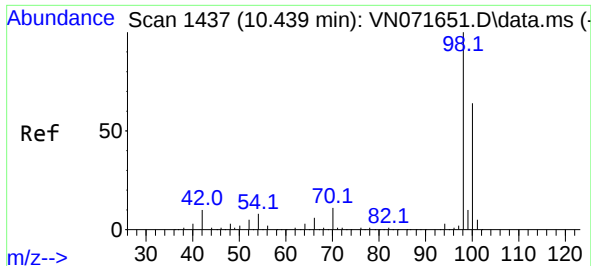
Tgt Ion: 83 Resp: 18392
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 9.888 ug/l
RT: 9.639 min Scan# 1301
Delta R.T. 0.088 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 41 Resp: 71277
Ion Ratio Lower Upper
41 100
69 155.0 74.7 112.1#
39 42.9 45.6 68.4#

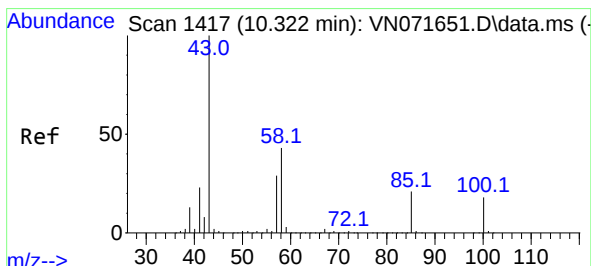
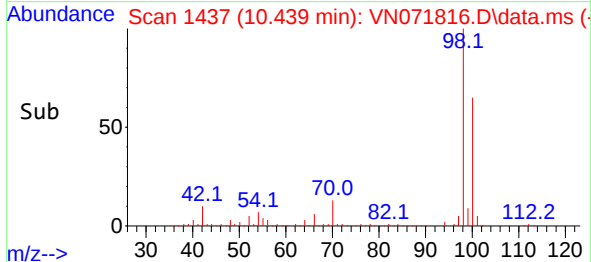
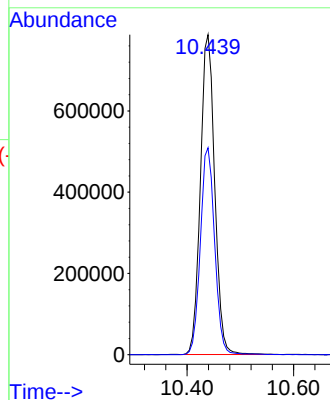
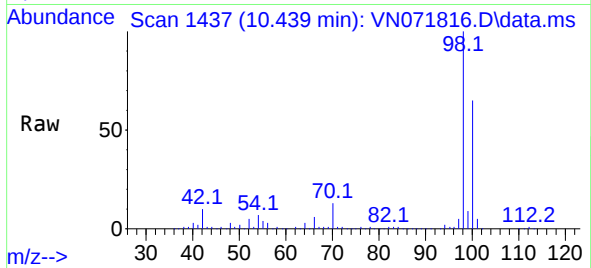




#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

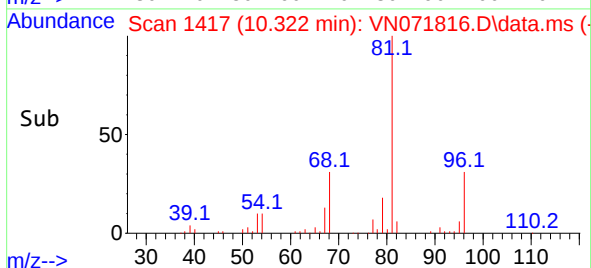
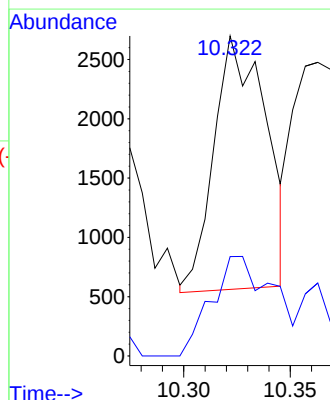
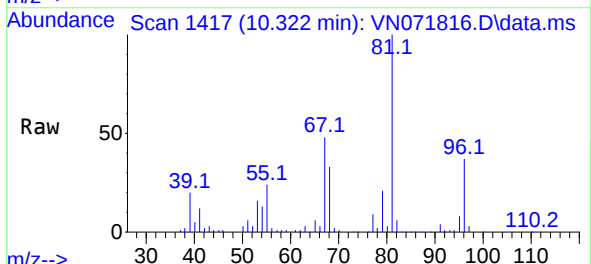
Instrument :
MSVOA_N
ClientSampleId :
MW-4

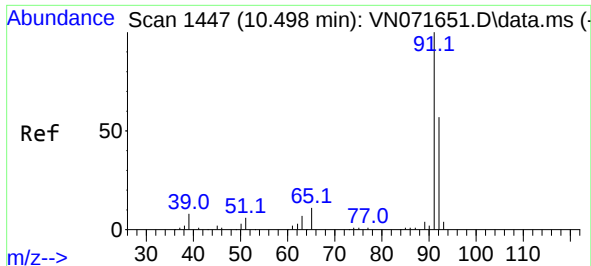
Tgt Ion: 98 Resp: 1467075
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.363 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 43 Resp: 3625
Ion Ratio Lower Upper
43 100
58 46.5 34.1 51.1

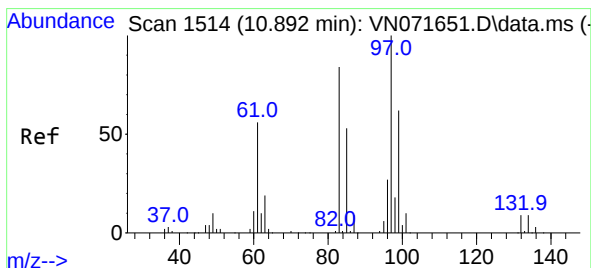
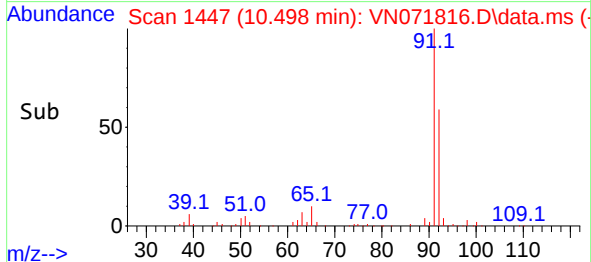
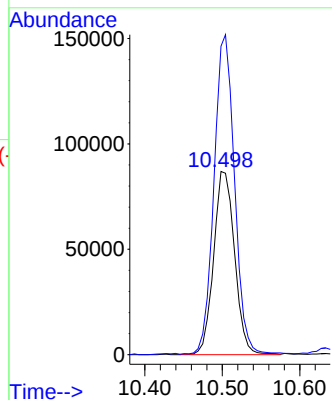
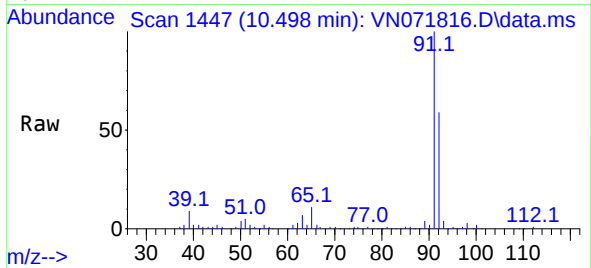




#52
Toluene
Concen: 8.572 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

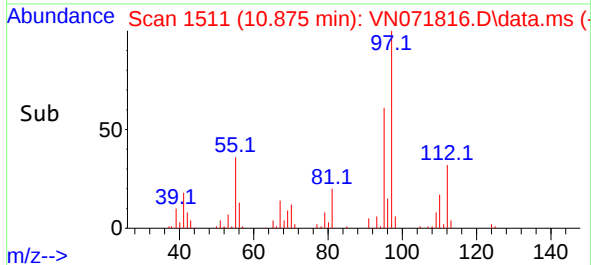
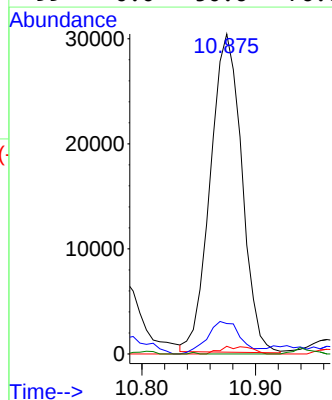
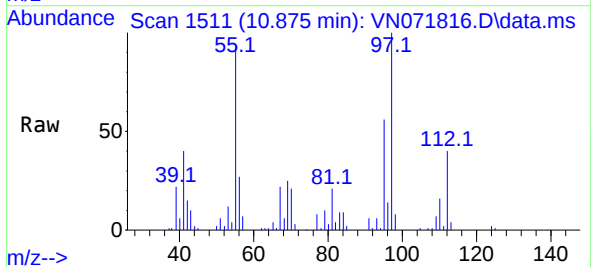
Instrument :
MSVOA_N
ClientSampleId :
MW-4

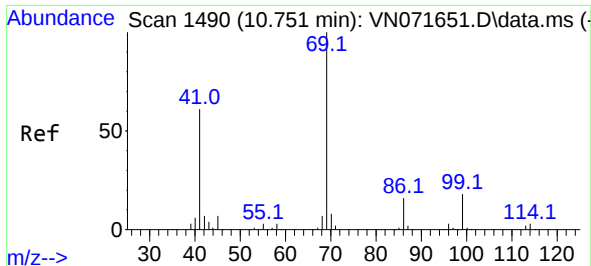
Tgt Ion: 92 Resp: 163348
Ion Ratio Lower Upper
92 100
91 170.3 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 7.425 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.017 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 97 Resp: 58235
Ion Ratio Lower Upper
97 100
83 9.6 66.2 99.4#
85 2.4 43.9 65.9#
99 0.0 50.6 76.0#

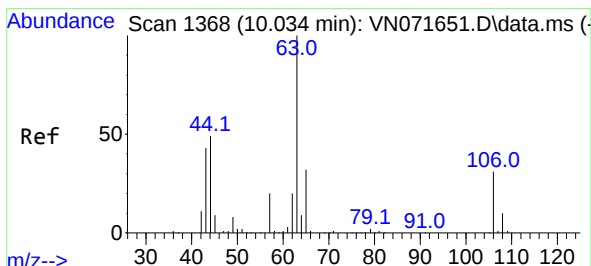
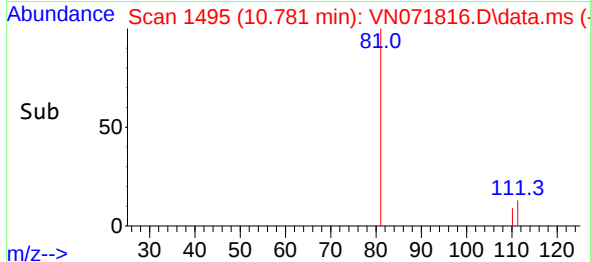
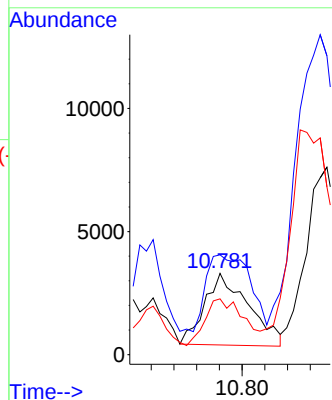
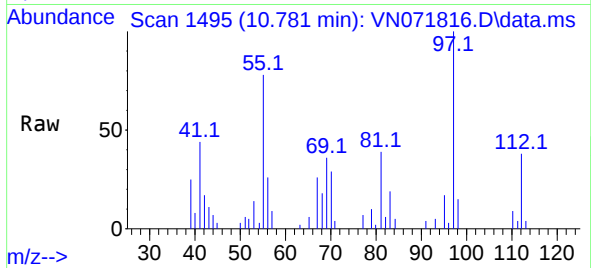




#56
Ethyl methacrylate
Concen: 0.698 ug/l
RT: 10.781 min Scan# 1495
Delta R.T. 0.030 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

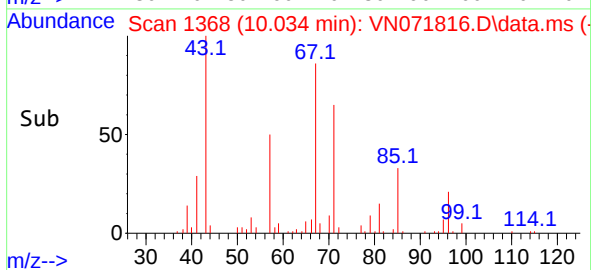
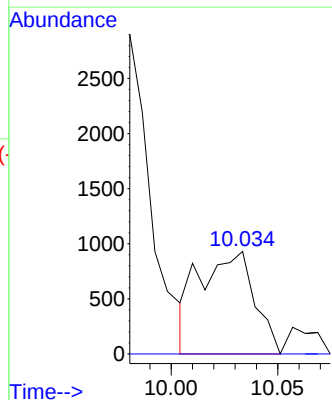
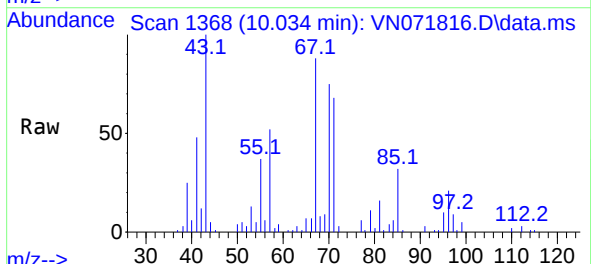
Instrument :
MSVOA_N
ClientSampleId :
MW-4

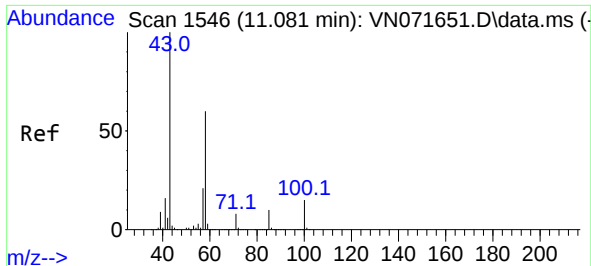
Tgt Ion: 69 Resp: 7806
Ion Ratio Lower Upper
69 100
41 106.4 47.8 71.6#
39 56.8 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 17.416 ug/l
RT: 10.034 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 63 Resp: 1662
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#





#59

2-Hexanone

Concen: 0.387 ug/l

RT: 11.116 min Scan# 1552

Delta R.T. 0.035 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

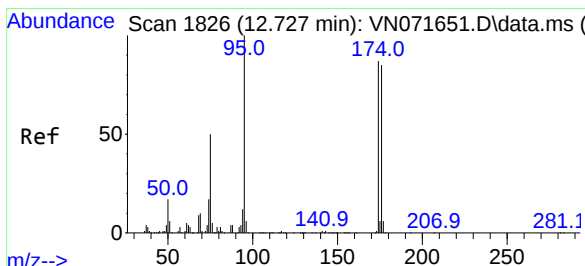
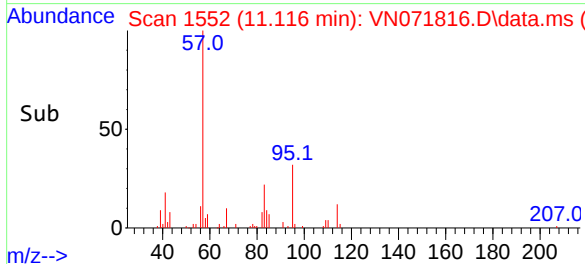
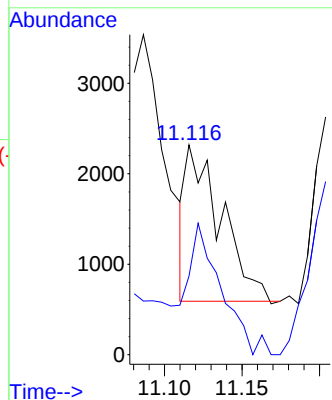
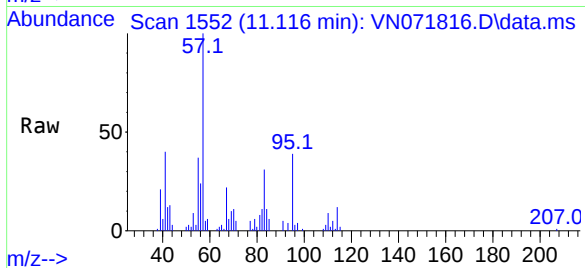
MW-4

Tgt Ion: 43 Resp: 2723

Ion Ratio Lower Upper

43 100

58 83.3 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 59.577 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

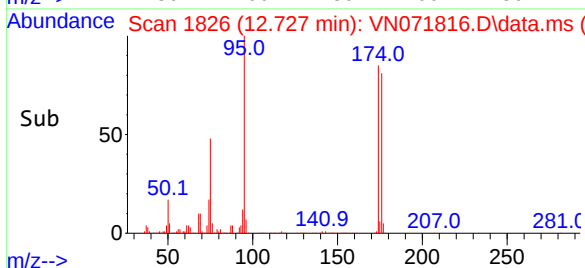
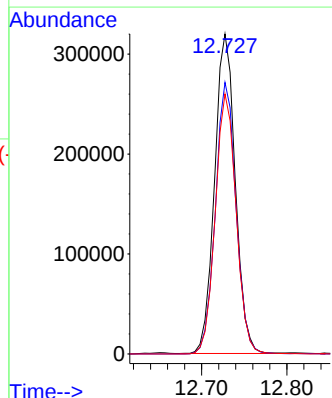
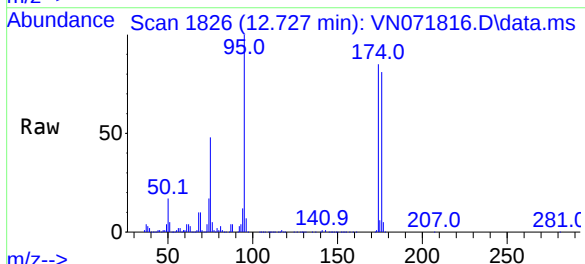
Tgt Ion: 95 Resp: 538667

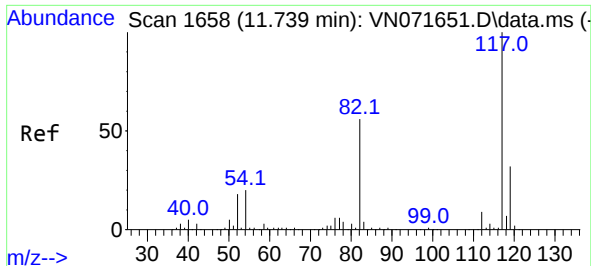
Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.6

176 82.1 0.0 163.4

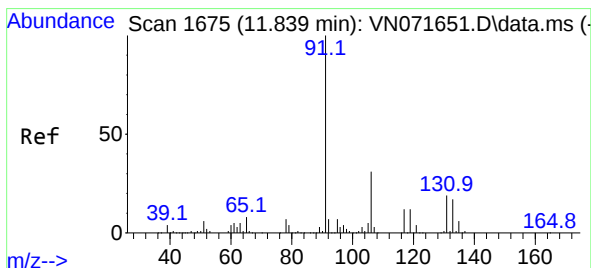
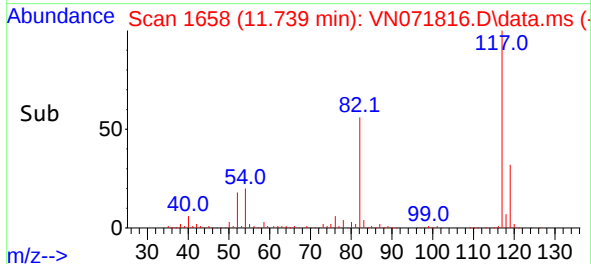
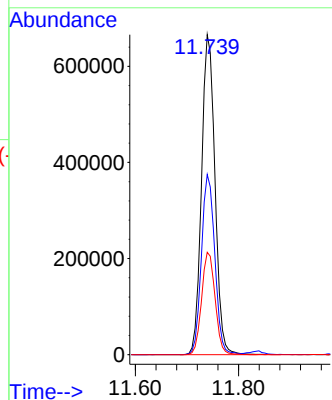
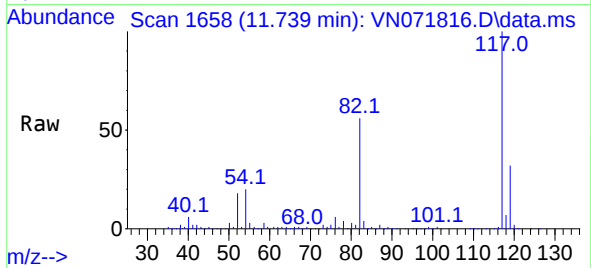




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

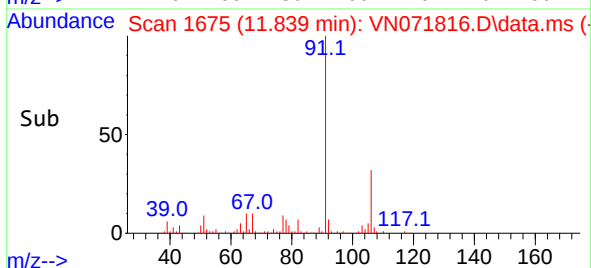
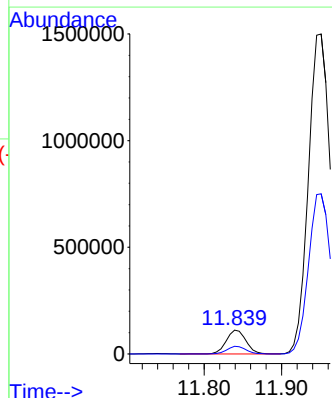
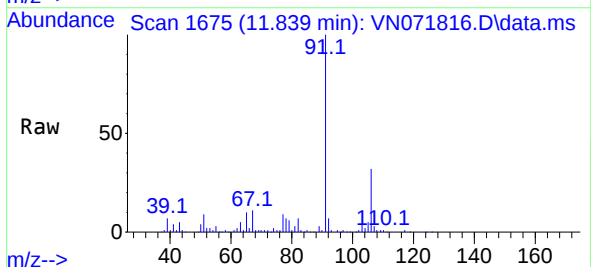
Instrument :
MSVOA_N
ClientSampleId :
MW-4

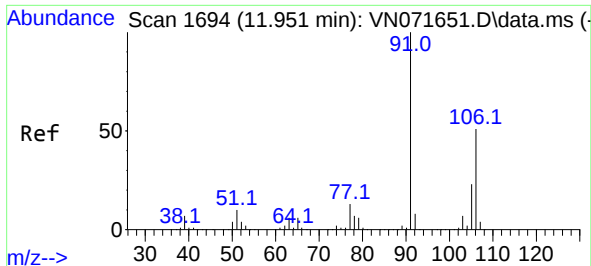
Tgt Ion:117 Resp: 1201695
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.0 25.4 38.0



#67
Ethyl Benzene
Concen: 4.858 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 91 Resp: 197870
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

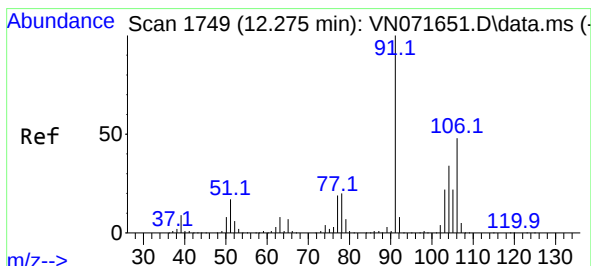
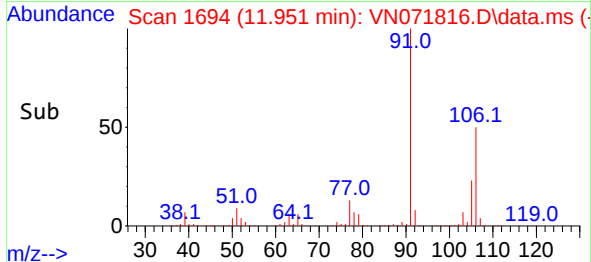
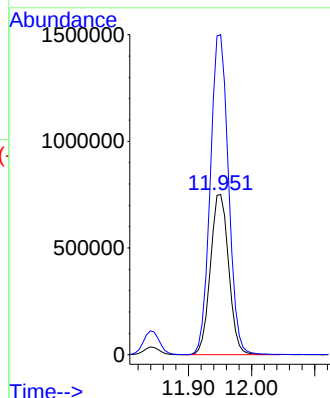
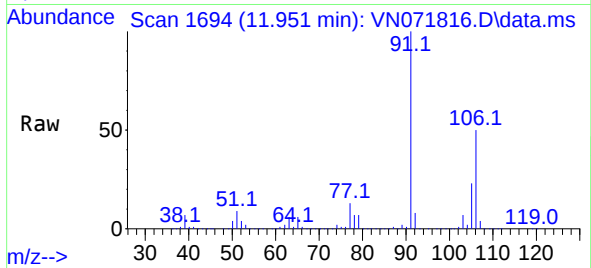




#68
m/p-Xylenes
Concen: 96.277 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

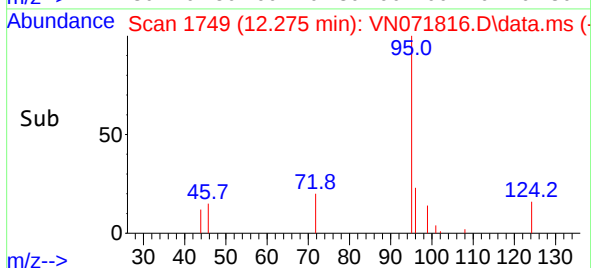
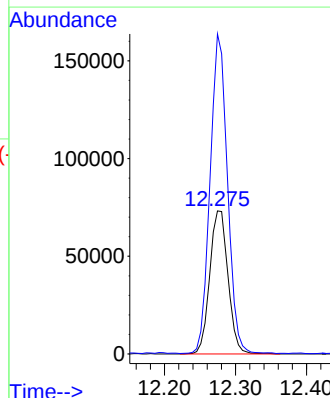
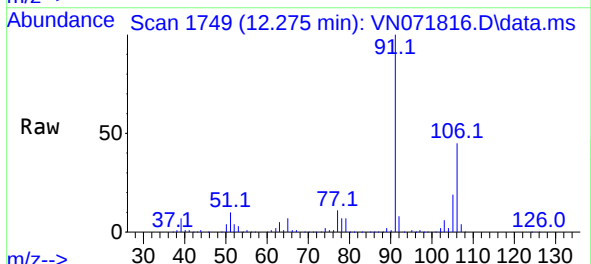
Instrument :
MSVOA_N
ClientSampleId :
MW-4

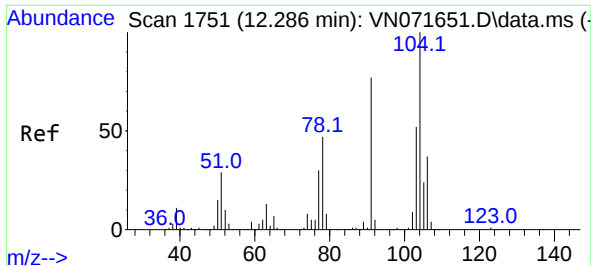
Tgt Ion:106 Resp: 1506827
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3



#69
o-Xylene
Concen: 8.423 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:106 Resp: 130841
Ion Ratio Lower Upper
106 100
91 212.5 106.0 318.0

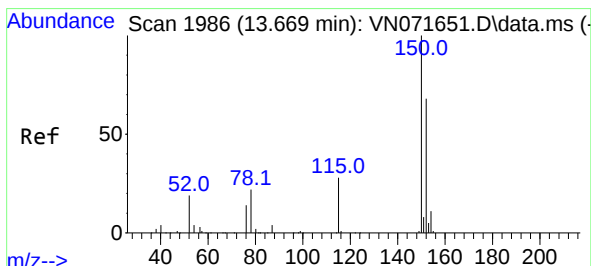
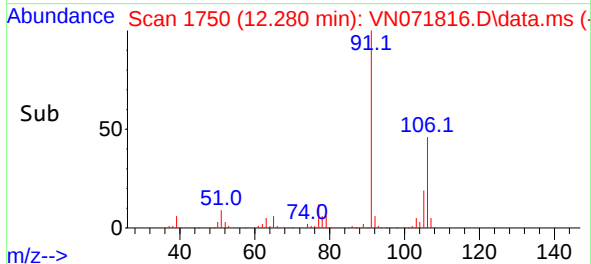
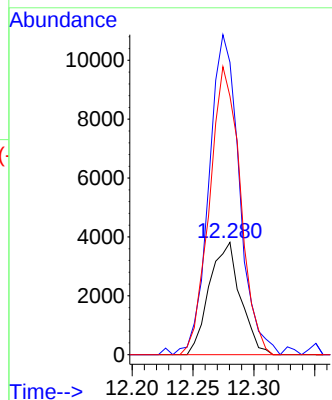
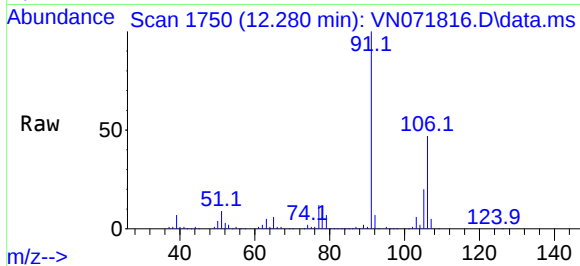




#70
Styrene
Concen: 0.289 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

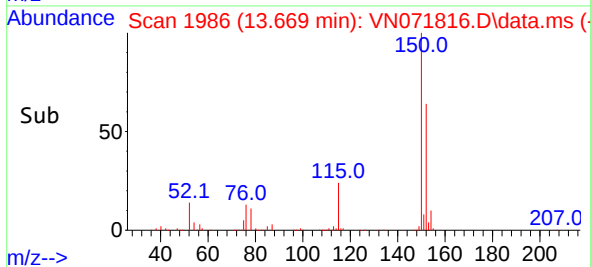
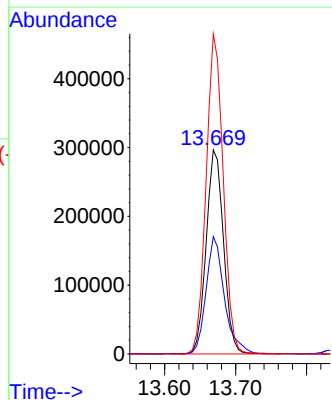
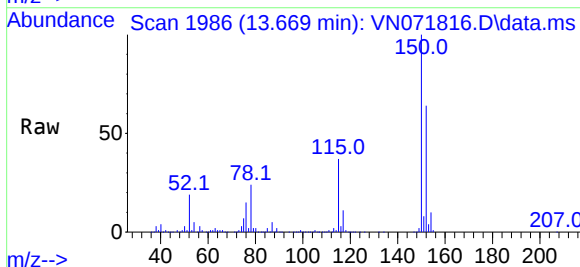
Instrument :
MSVOA_N
ClientSampleId :
MW-4

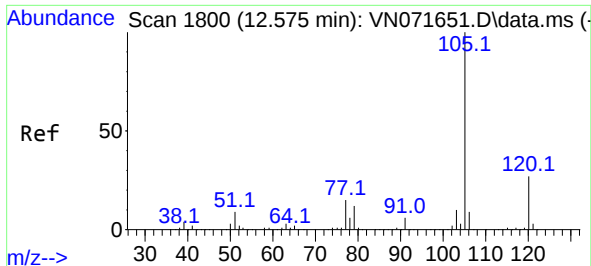
Tgt Ion:104 Resp: 6798
Ion Ratio Lower Upper
104 100
78 279.4 39.5 59.3#
103 253.5 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:152 Resp: 503387
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 154.7 0.0 356.2

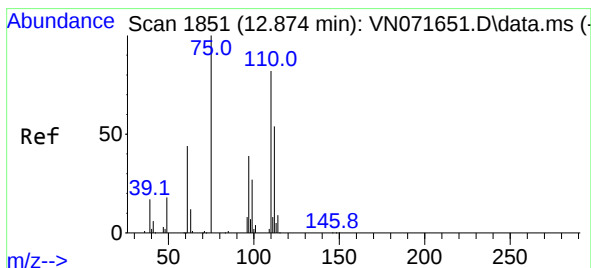
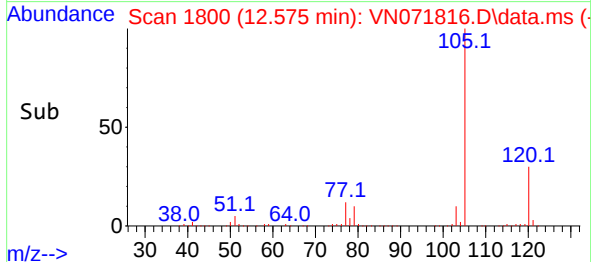
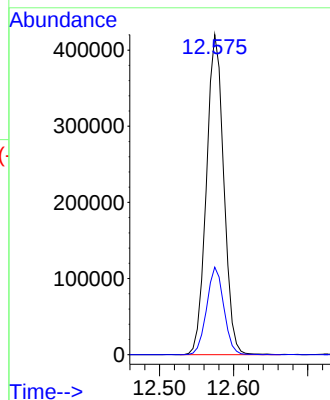
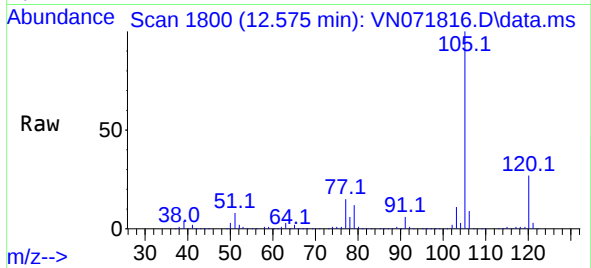




#73
Isopropylbenzene
Concen: 16.109 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

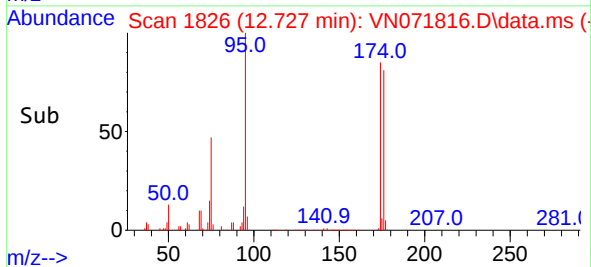
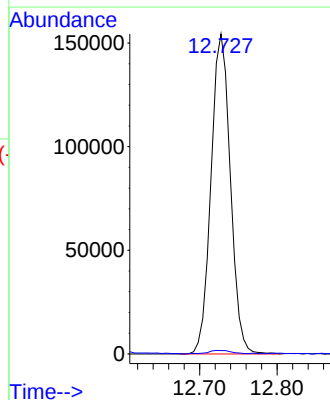
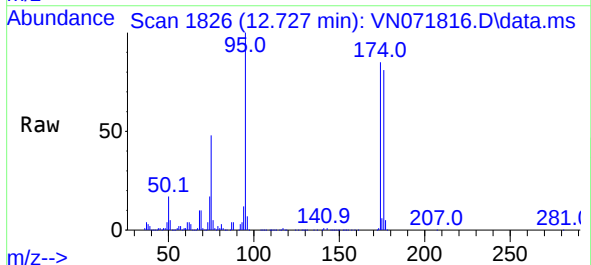
Instrument :
MSVOA_N
ClientSampleId :
MW-4

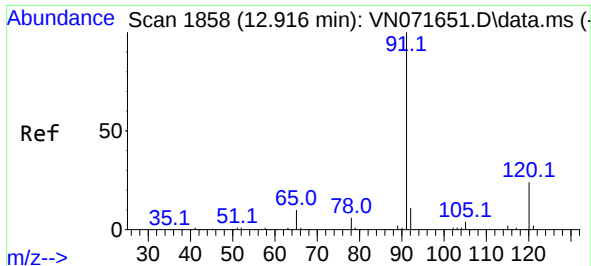
Tgt Ion:105 Resp: 683348
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 22.956 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 75 Resp: 267703
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

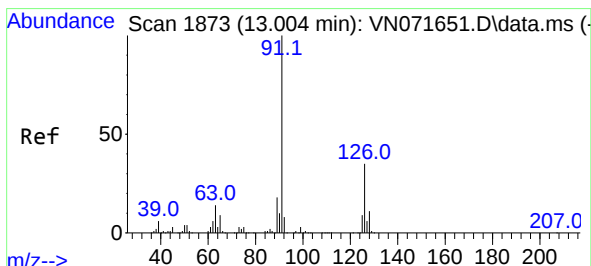
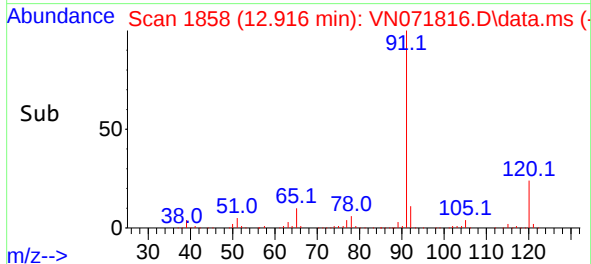
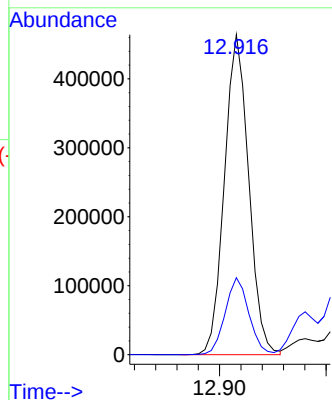
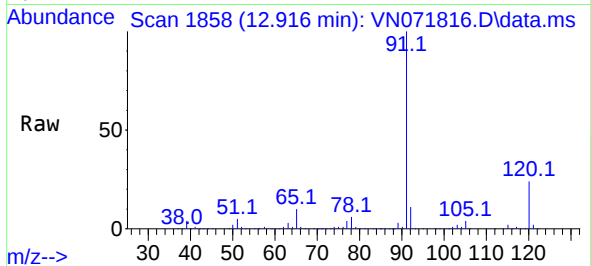




#78
n-propylbenzene
Concen: 16.446 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

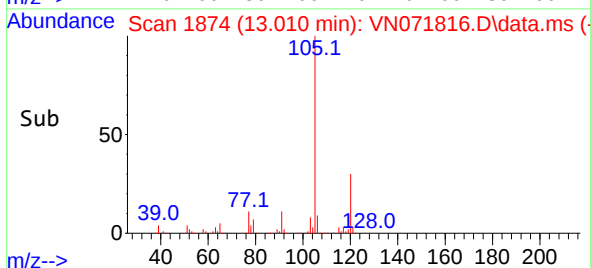
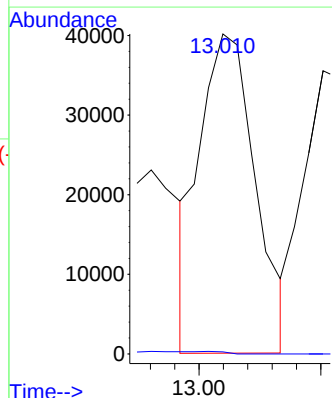
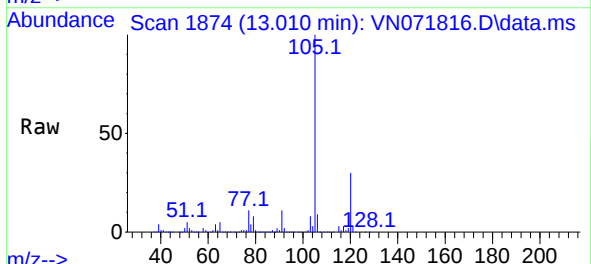
Instrument :
MSVOA_N
ClientSampleId :
MW-4

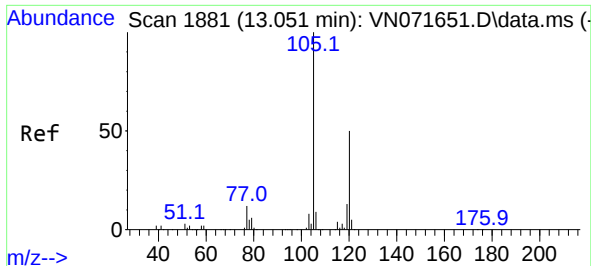
Tgt Ion: 91 Resp: 733827
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.225 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 91 Resp: 63684
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

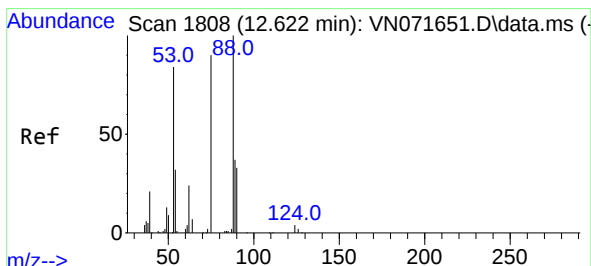
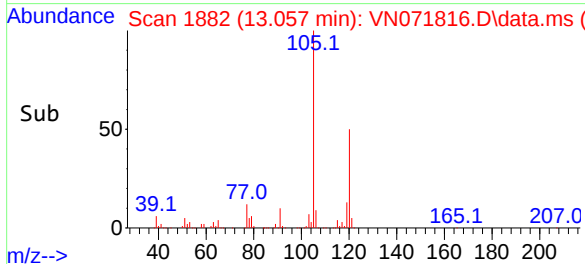
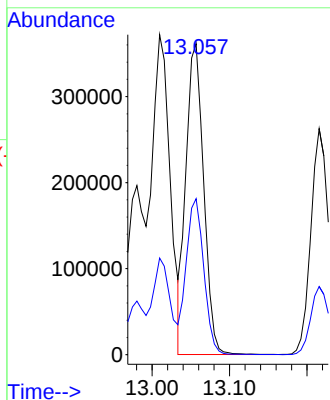
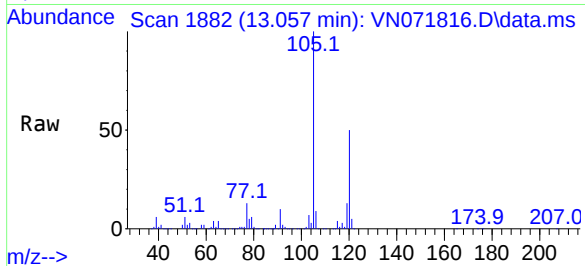




#80
1,3,5-Trimethylbenzene
Concen: 17.091 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

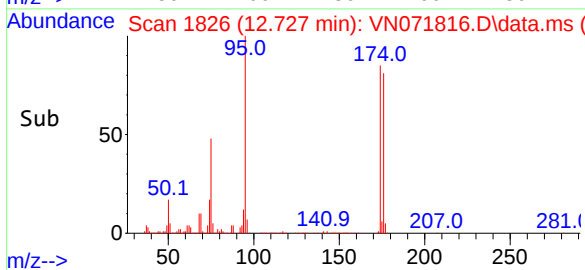
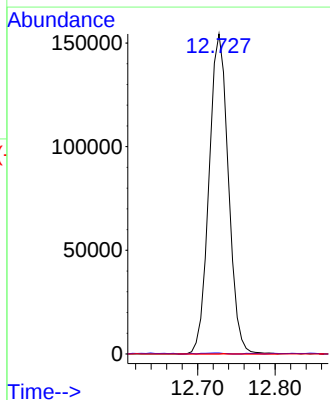
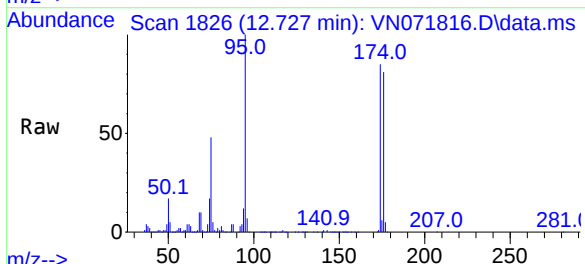
Instrument :
MSVOA_N
ClientSampleId :
MW-4

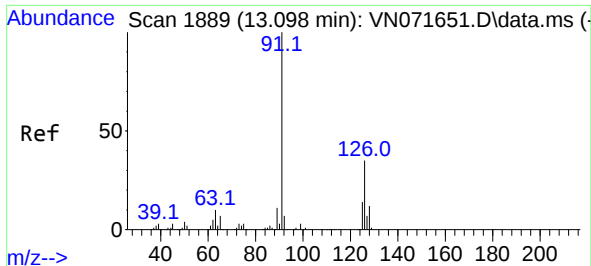
Tgt Ion:105 Resp: 574399
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 71.141 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 75 Resp: 267703
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.0 37.2 55.8#

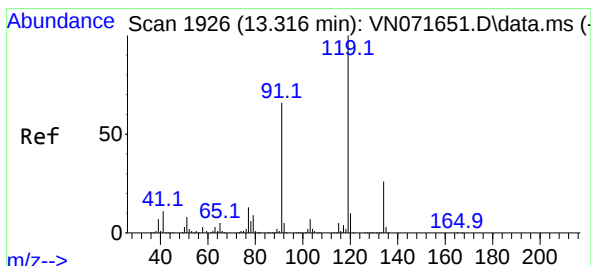
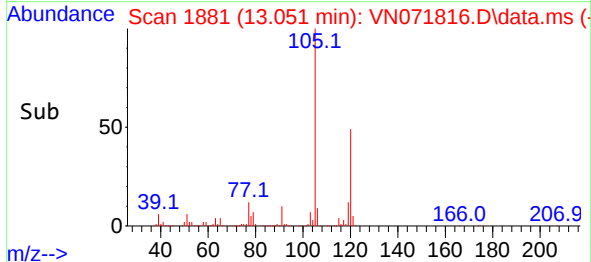
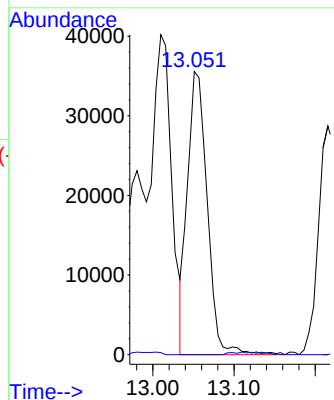
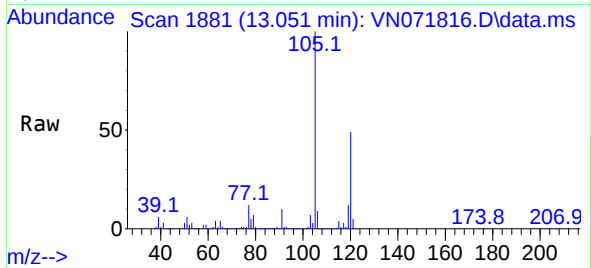




#82
4-Chlorotoluene
Concen: 2.271 ug/l
RT: 13.051 min Scan# 1889
Delta R.T. -0.047 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

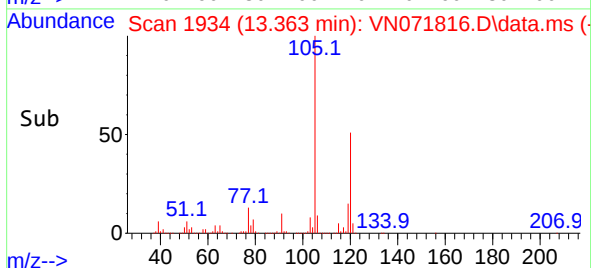
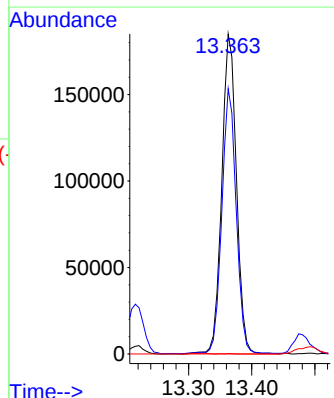
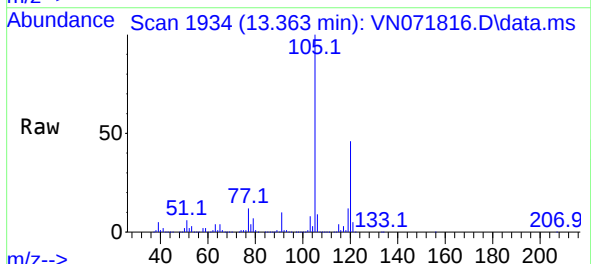
Instrument :
MSVOA_N
ClientSampleId :
MW-4

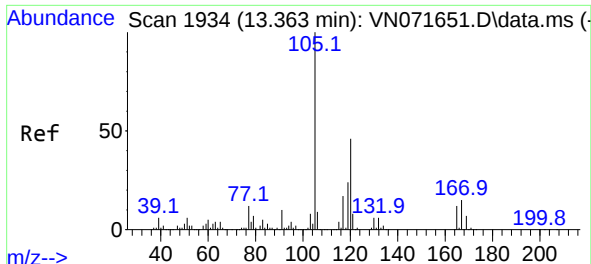
Tgt Ion: 91 Resp: 60230
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 9.730 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 119 Resp: 298930
Ion Ratio Lower Upper
119 100
91 81.2 31.6 94.8
134 0.0 13.7 41.1#

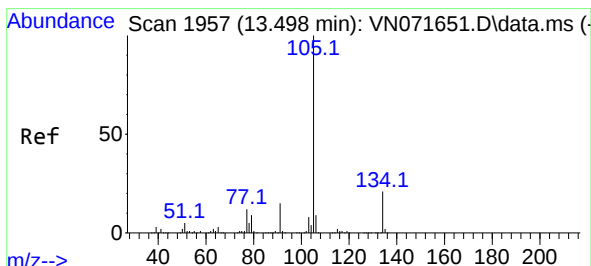
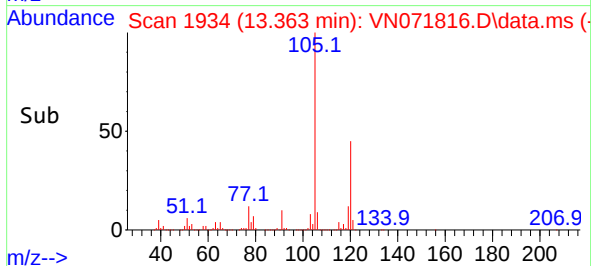
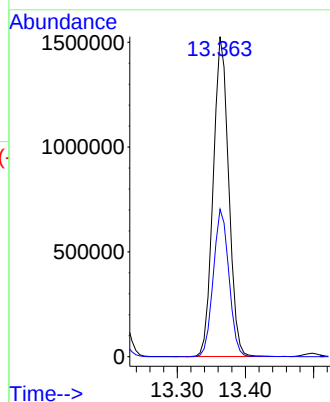
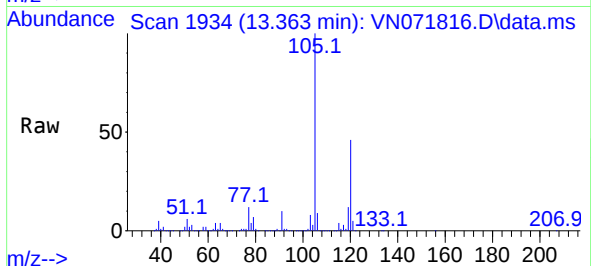




#84
1,2,4-Trimethylbenzene
Concen: 73.548 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

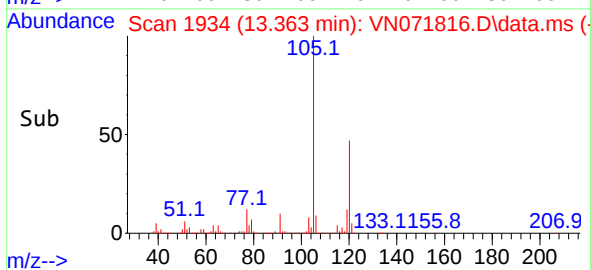
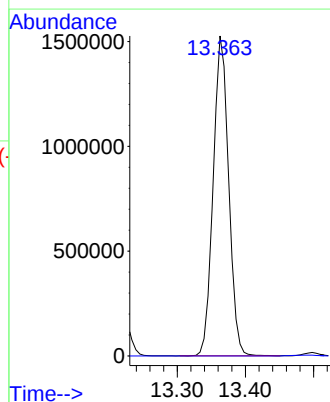
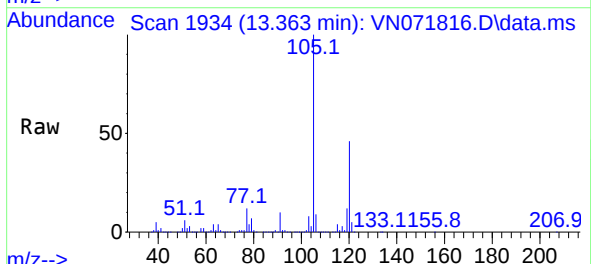
Instrument :
MSVOA_N
ClientSampleId :
MW-4

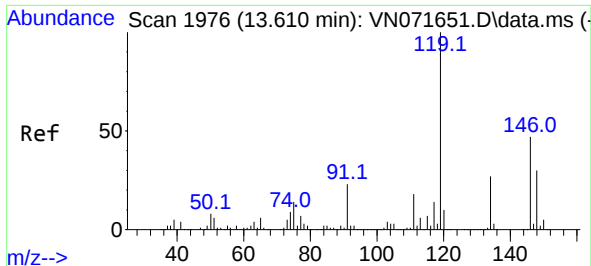
Tgt Ion:105 Resp: 2411812
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 60.559 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:105 Resp: 2411812
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

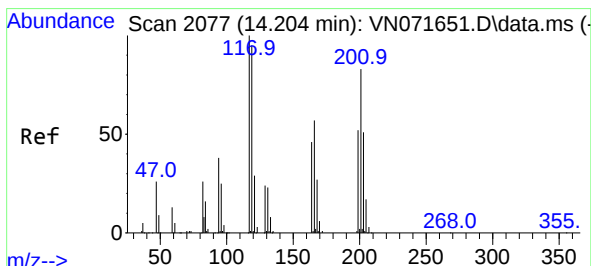
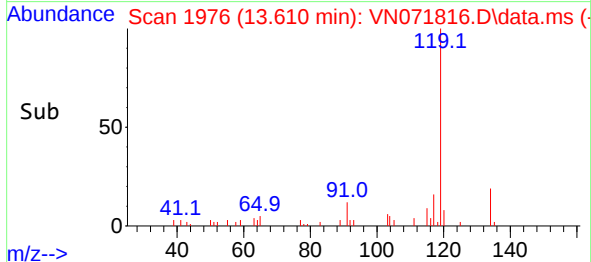
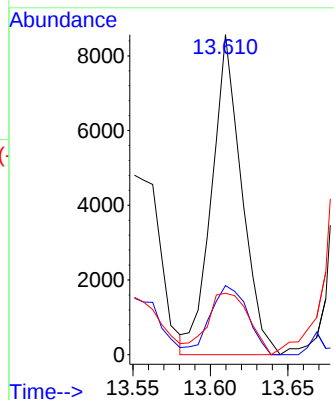
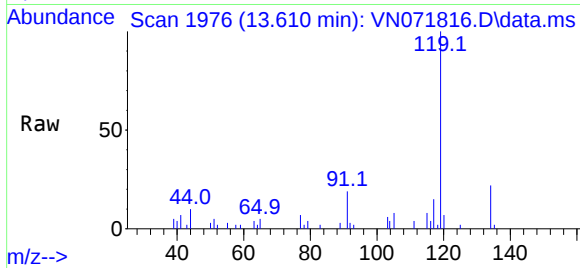




#86
p-Isopropyltoluene
Concen: 0.362 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

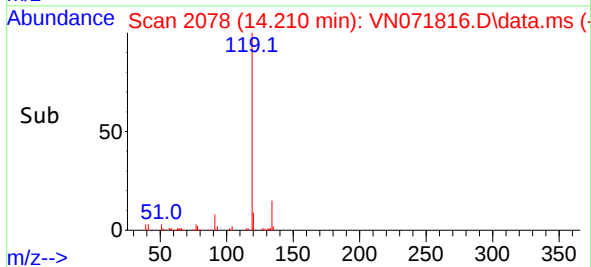
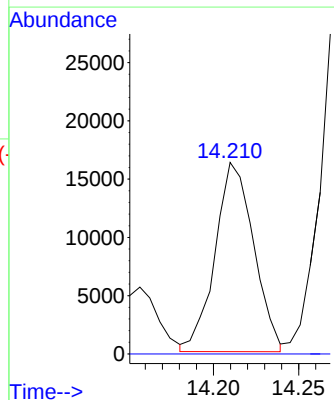
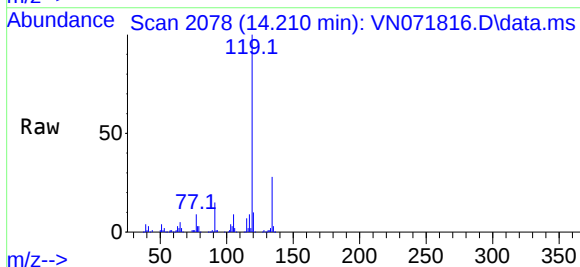
Instrument : MSVOA_N
ClientSampleId : MW-4

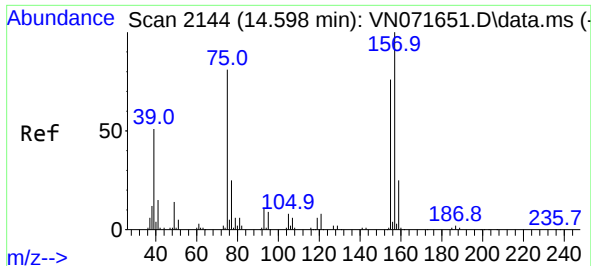
Tgt Ion:119	Resp:	11510
Ion	Ratio	Lower Upper
119	100	
134	27.0	13.3 39.8
91	0.0	11.3 33.9#



#90
Hexachloroethane
Concen: 4.409 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:117	Resp:	25627
Ion	Ratio	Lower Upper
117	100	
201	0.0	40.6 122.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.532 ug/l

RT: 14.574 min Scan# 2144

Delta R.T. -0.024 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

MW-4

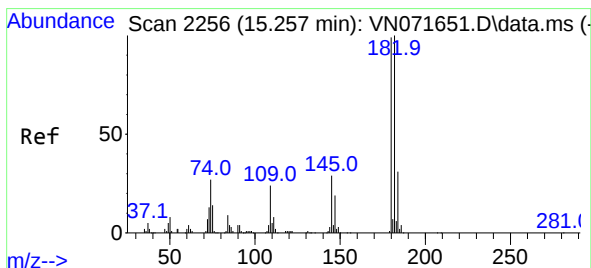
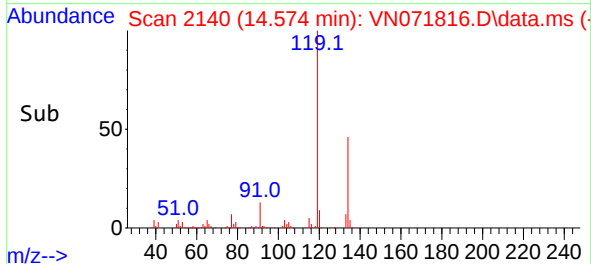
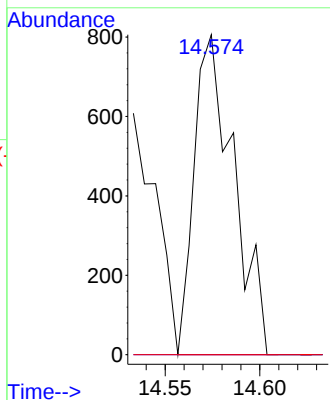
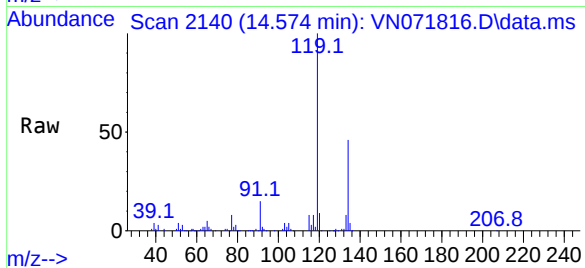
Tgt Ion: 75 Resp: 1168

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: 2.121 ug/l

RT: 15.268 min Scan# 2258

Delta R.T. 0.011 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

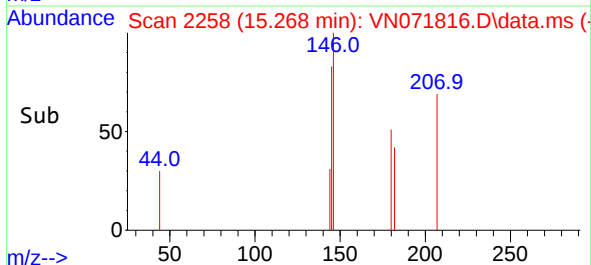
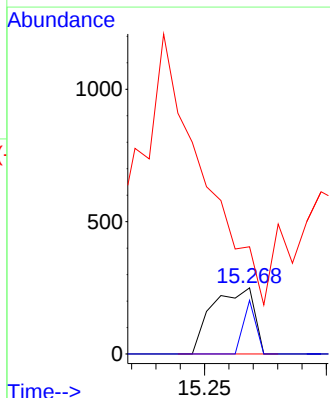
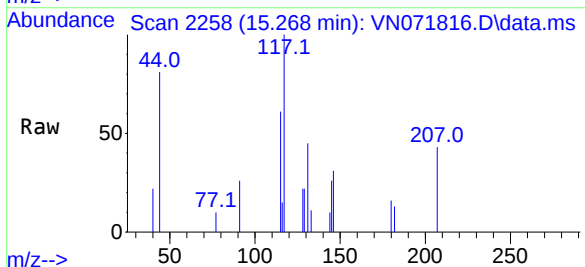
Tgt Ion: 180 Resp: 298

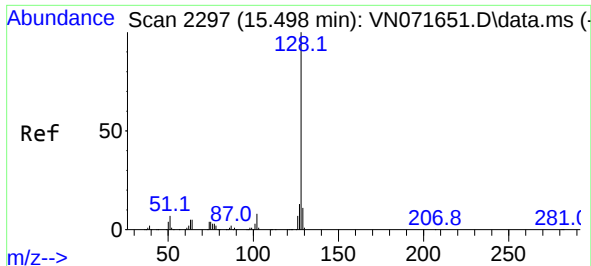
Ion Ratio Lower Upper

180 100

182 24.2 47.5 142.5#

145 0.0 14.5 43.5#

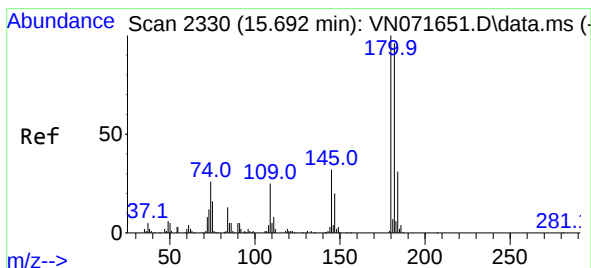
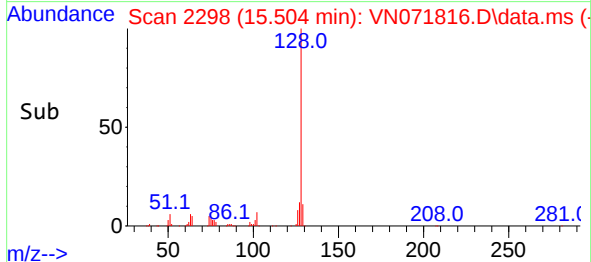
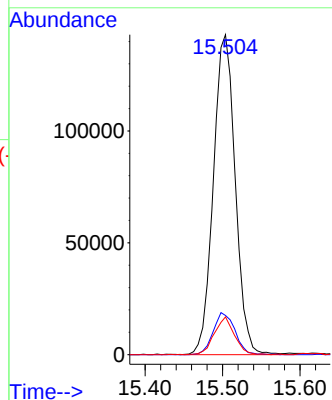
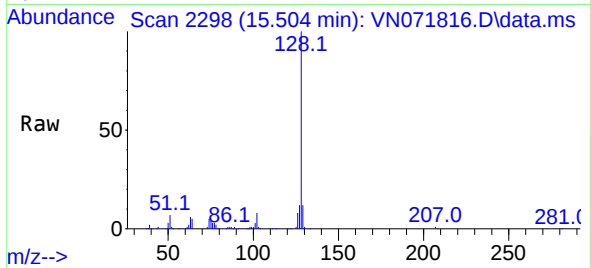




#95
Naphthalene
Concen: 15.128 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:	128	Resp:	280983
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.423 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:	180	Resp:	70
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

