

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074958.D
 Acq On : 21 Oct 2022 13:47
 Operator : JC\MD
 Sample : N5222-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Oct 22 02:52:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	657123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1105733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1226582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	996520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	746358	42.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.500%
35) Dibromofluoromethane	8.171	113	574022	43.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.240%
50) Toluene-d8	10.565	98	2465062	48.817	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.847	95	1033909	58.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.100%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2741	Below Cal		93
4) Vinyl Chloride	2.518	62	1141	Below Cal	#	63
5) Bromomethane	2.948	94	3728	Below Cal	#	73
6) Chloroethane	2.924	64	5076	Below Cal	#	40
7) Trichlorofluoromethane	3.506	101	102	Below Cal	#	18
11) Tert butyl alcohol	5.530	59	850	0.230 ug/l	#	72
12) 1,1-Dichloroethene	4.330	96	106	Below Cal	#	1
13) Acrolein	4.195	56	1586	Below Cal	#	16
15) Acrylonitrile	5.742	53	2100	0.281 ug/l	#	27
16) Acetone	4.459	43	11767	Below Cal	#	85
17) Carbon Disulfide	4.724	76	3521	Below Cal	#	74
19) Methyl tert-butyl Ether	5.812	73	23971	0.565 ug/l	#	71
20) Methylene Chloride	5.271	84	1917	Below Cal	#	53
21) trans-1,2-Dichloroethene	5.818	96	250	Below Cal	#	1
25) 2-Butanone	7.494	43	4484	0.422 ug/l	#	78
31) Cyclohexane	8.224	56	23009	1.290 ug/l	#	56
36) 1,1-Dichloropropene	8.230	75	59843	3.611 ug/l	#	50
38) Carbon Tetrachloride	8.230	117	71541	3.965 ug/l	#	17
39) Methylcyclohexane	9.606	83	431730	21.984 ug/l		93
40) Benzene	8.612	78	186325	3.646 ug/l		93
44) Trichloroethene	9.353	130	2574	0.205 ug/l		87
45) 1,2-Dichloropropane	9.606	63	5775	0.438 ug/l	#	1
48) Methyl methacrylate	9.606	41	185381	14.005 ug/l	#	67
52) Toluene	10.635	92	68764	2.062 ug/l		99
55) 1,1,2-Trichloroethane	11.006	97	77150	5.514 ug/l	#	24
56) Ethyl methacrylate	10.912	69	28082	1.333 ug/l	#	1
58) 2-Chloroethyl Vinyl ether	10.159	63	2655	3.885 ug/l	#	45
59) 2-Hexanone	11.171	43	12235	0.805 ug/l	#	21
67) Ethyl Benzene	11.959	91	17009110	258.298 ug/l		89
68) m/p-Xylenes	12.076	106	507832	19.778 ug/l		100
69) o-Xylene	12.400	106	530590	20.629 ug/l		97
70) Styrene	12.406	104	41467	1.017 ug/l	#	1
71) Bromoform	12.847	173	8857	0.840 ug/l	#	1
73) Isopropylbenzene	12.694	105	6934720	85.197 ug/l		99
76) 1,2,3-Trichloropropane	13.035	75	48923	1.810 ug/l	#	1
78) n-propylbenzene	13.035	91	8201331	86.092 ug/l		100

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 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

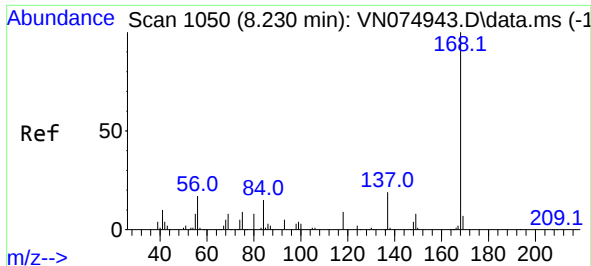
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

79) 2-Chlorotoluene	13.129	91	532317	9.021	ug/l	#	41
80) 1,3,5-Trimethylbenzene	13.176	105	4273650	60.784	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.694	75	83359	9.890	ug/l	#	59
82) 4-Chlorotoluene	13.129	91	532317	9.021	ug/l	#	41
83) tert-Butylbenzene	13.482	119	4436115	71.297	ug/l	#	64
84) 1,2,4-Trimethylbenzene	13.335	105	13375721	188.354	ug/l		78
85) sec-Butylbenzene	13.818	105	14947375	171.102	ug/l	#	57
86) p-Isopropyltoluene	13.676	119	1910776	26.558	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	10664	0.295	ug/l	#	48
89) n-Butylbenzene	13.994	91	5458487	88.844	ug/l	#	45
90) Hexachloroethane	14.323	117	769038	55.168	ug/l	#	20
92) 1,2-Dibromo-3-Chloropr...	14.741	75	9827	1.556	ug/l	#	5
93) 1,2,4-Trichlorobenzene	15.388	180	10530	0.661	ug/l	#	1
94) Hexachlorobutadiene	15.512	225	2343	0.285	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	12106	0.755	ug/l	#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration

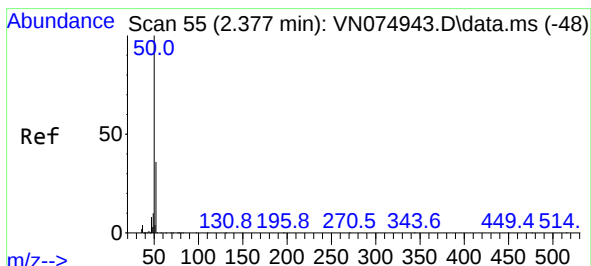
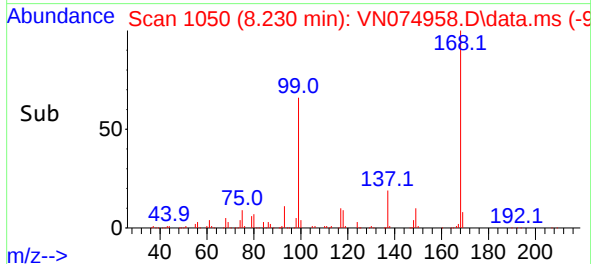
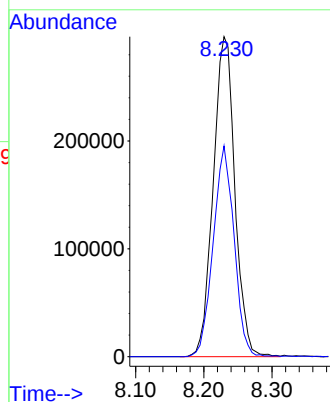
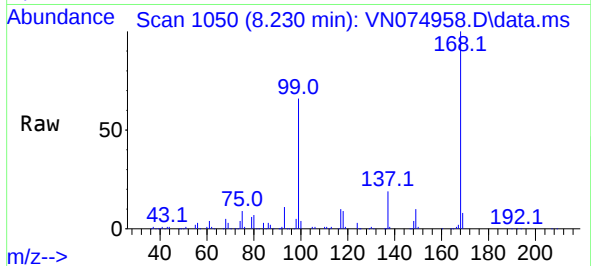




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

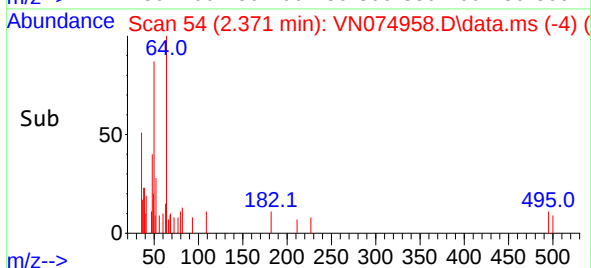
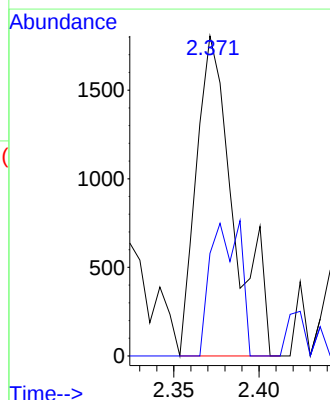
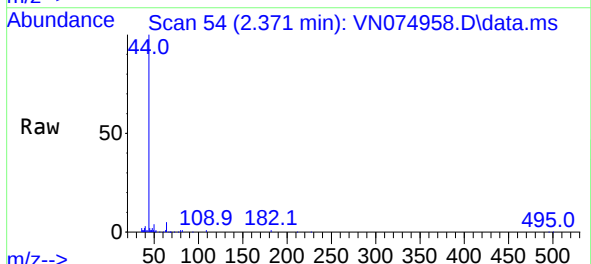
Instrument :
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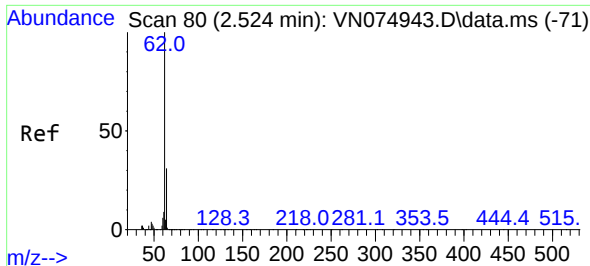
Tgt Ion:168 Resp: 657123
Ion Ratio Lower Upper
168 100
99 65.8 52.2 78.4



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 50 Resp: 2741
Ion Ratio Lower Upper
50 100
52 32.1 28.8 43.2

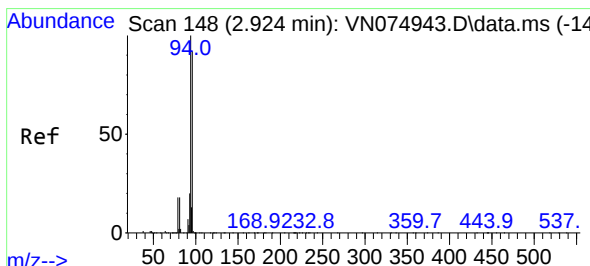
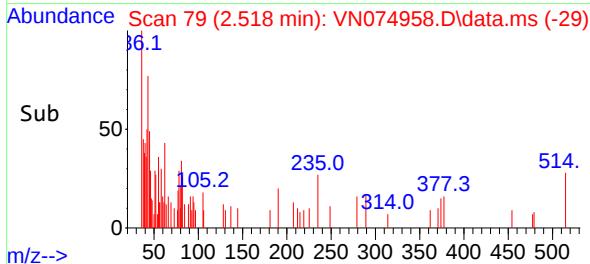
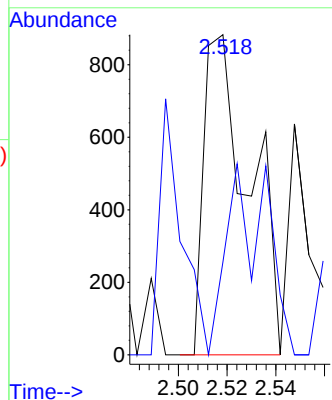
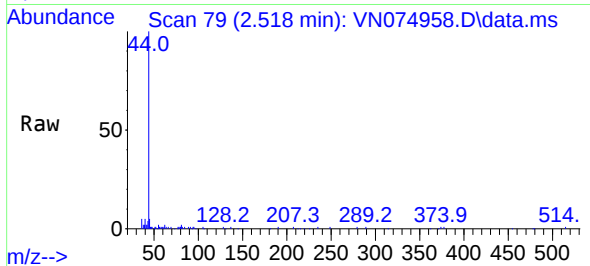




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.518 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

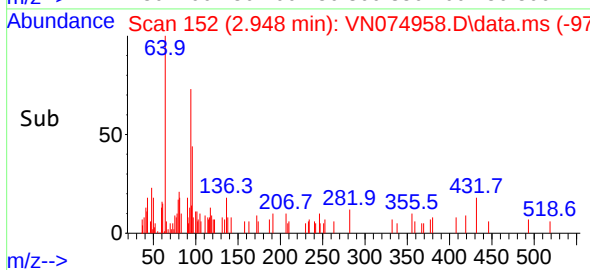
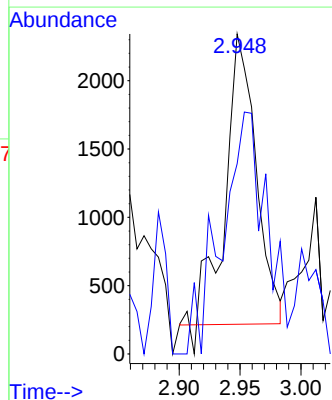
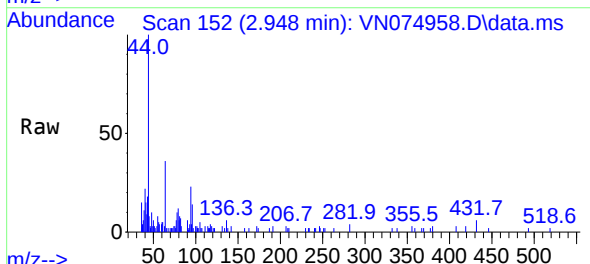
Instrument :
 MSVOA_N
 Client Sample Id :
 MW-12

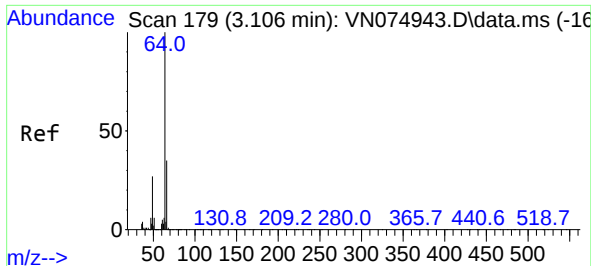
Tgt Ion: 62 Resp: 1141
 Ion Ratio Lower Upper
 62 100
 64 10.3 24.5 36.7#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.948 min Scan# 152
 Delta R.T. 0.024 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

Tgt Ion: 94 Resp: 3728
 Ion Ratio Lower Upper
 94 100
 96 65.7 73.5 110.3#

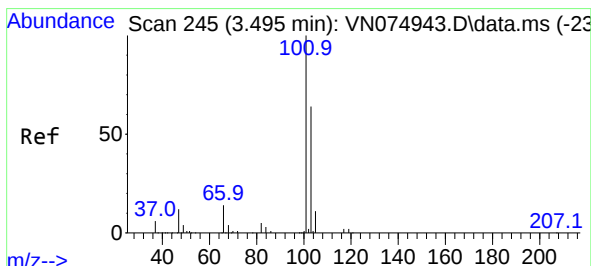
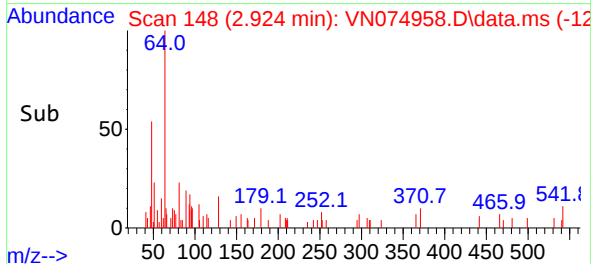
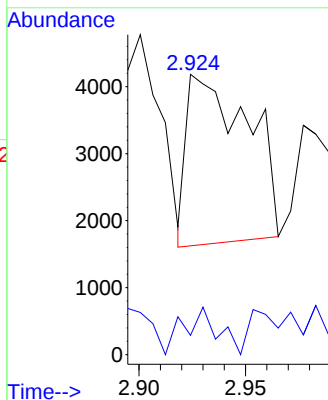
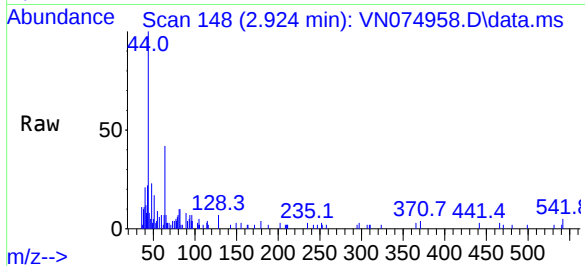




#6
Chloroethane
Concen: Below Cal
RT: 2.924 min Scan# 14
Delta R.T. -0.182 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

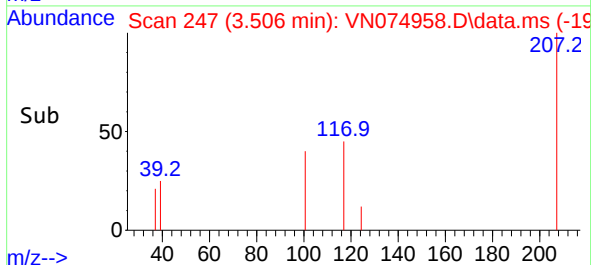
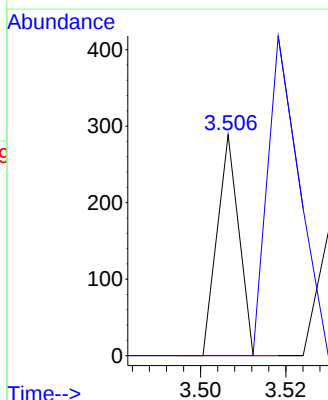
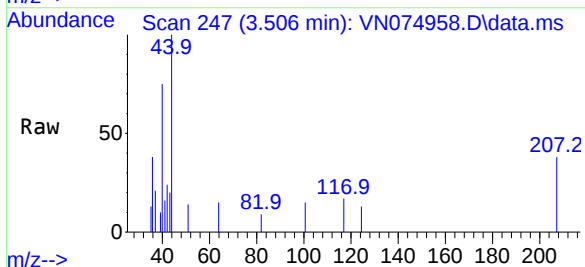
Instrument :
MSVOA_N
ClientSampleId :
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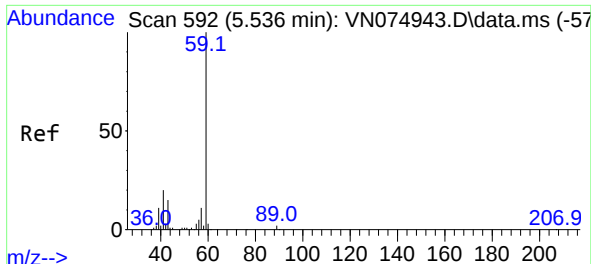
Tgt Ion: 64 Resp: 5076
Ion Ratio Lower Upper
64 100
66 0.0 27.9 41.9#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.506 min Scan# 247
Delta R.T. 0.011 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:101 Resp: 102
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#

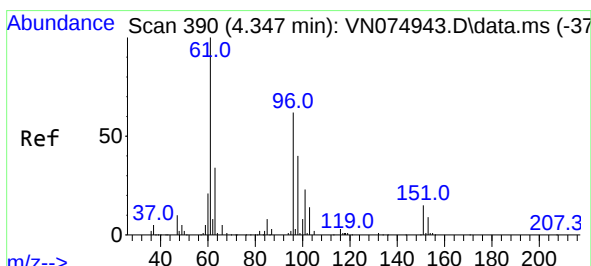
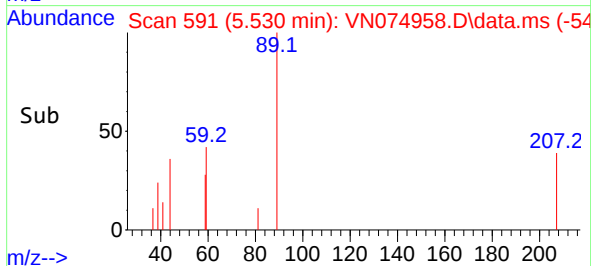
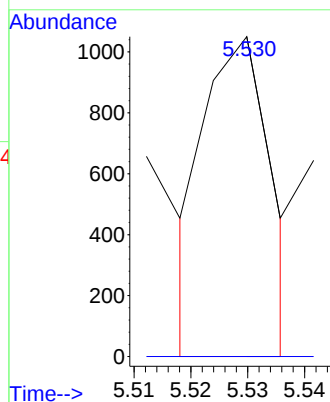
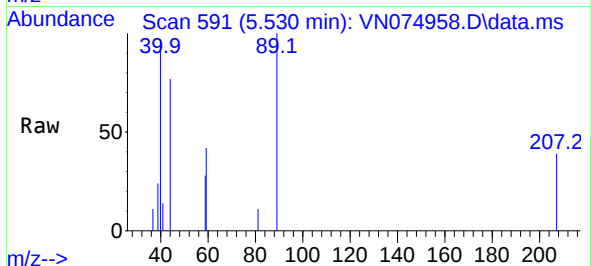




#11
Tert butyl alcohol
Concen: 0.230 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

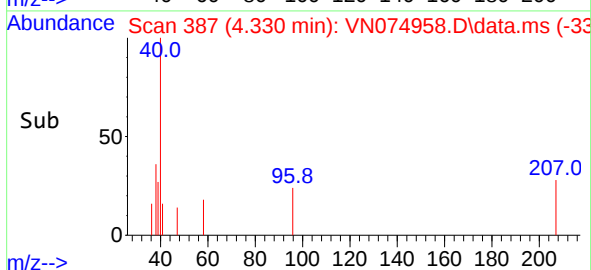
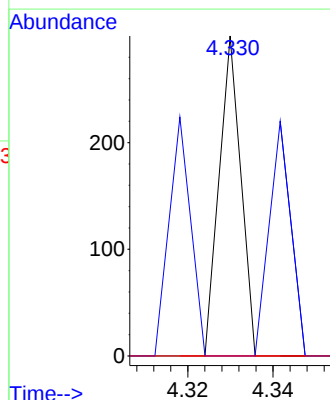
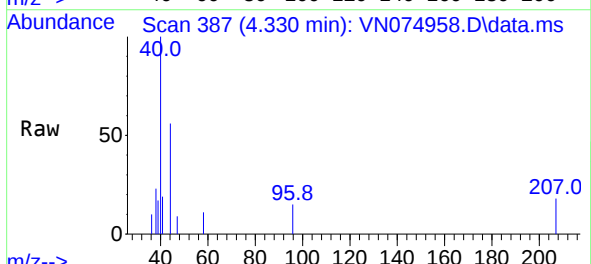
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ClientSampleId :
MW-12

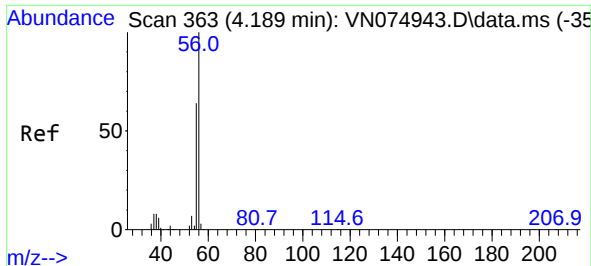
Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 4.330 min Scan# 387
Delta R.T. -0.017 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 96 Resp: 106
Ion Ratio Lower Upper
96 100
61 0.0 128.9 193.3#
98 0.0 51.8 77.8#

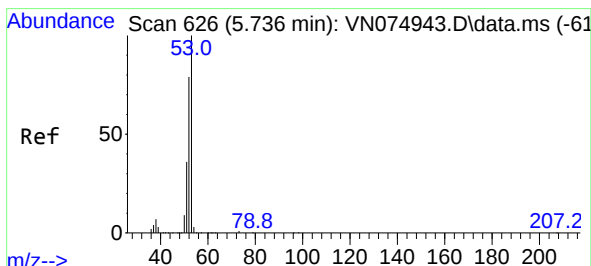
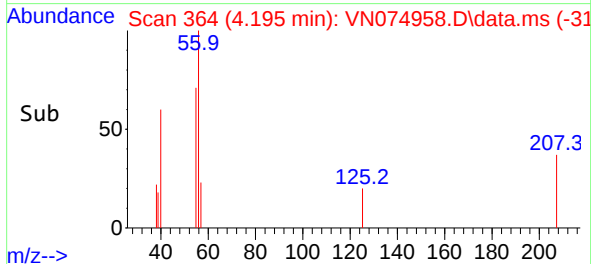
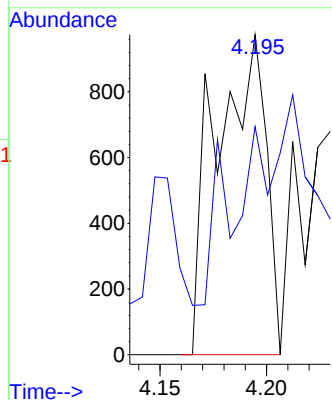
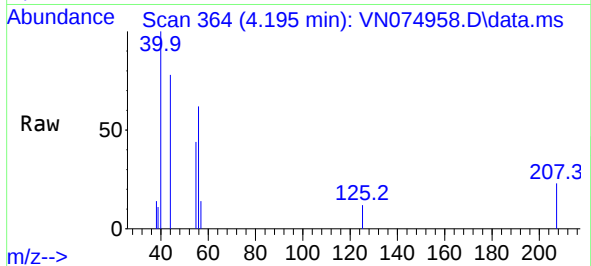




#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

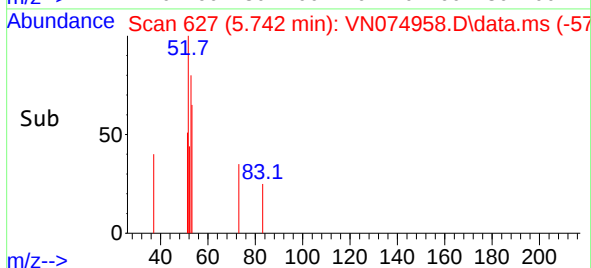
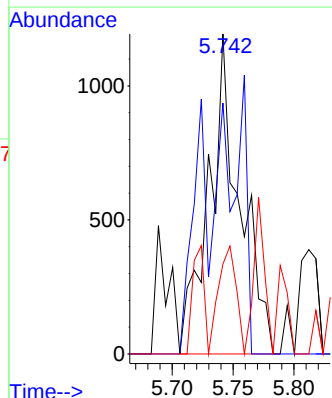
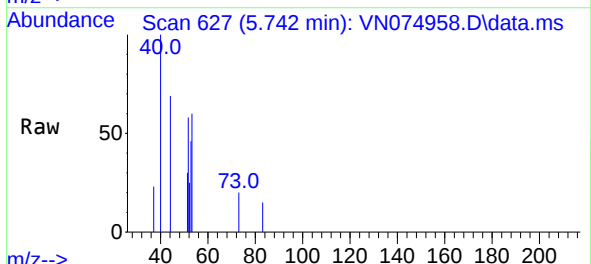
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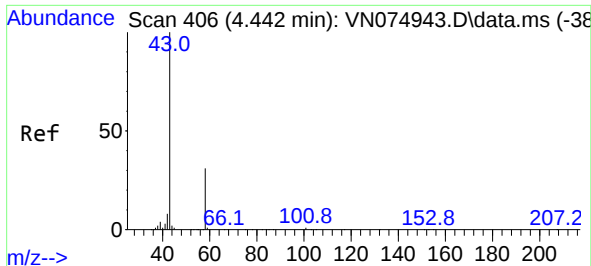
Tgt Ion: 56 Resp: 1586
Ion Ratio Lower Upper
56 100
55 0.0 53.7 80.5#



#15
Acrylonitrile
Concen: 0.281 ug/l
RT: 5.742 min Scan# 627
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 53 Resp: 2100
Ion Ratio Lower Upper
53 100
52 0.0 66.7 100.1#
51 19.5 28.8 43.2#

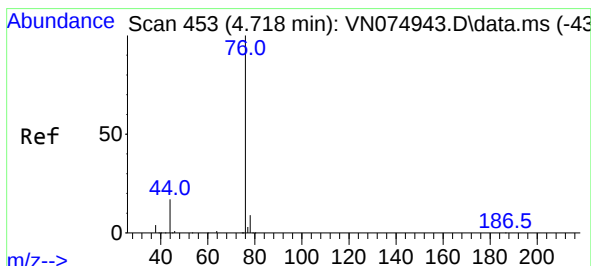
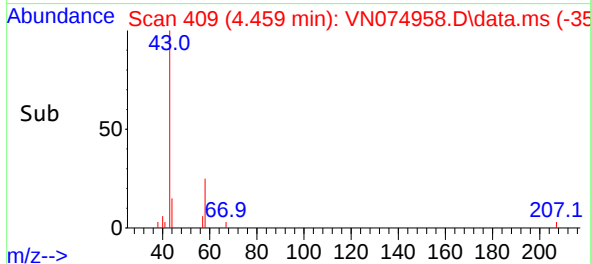
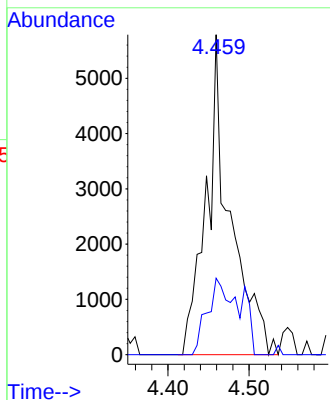
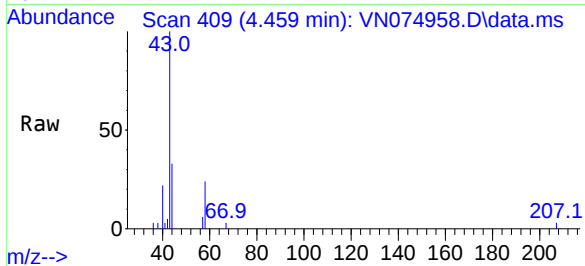




#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

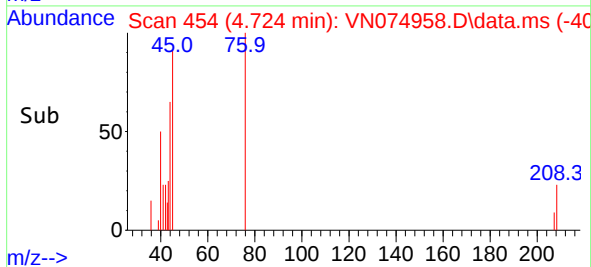
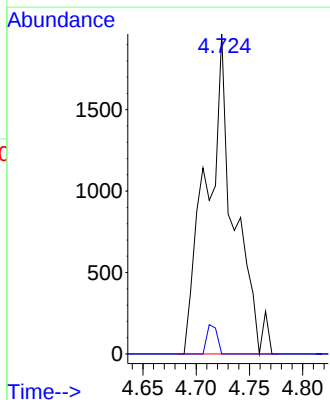
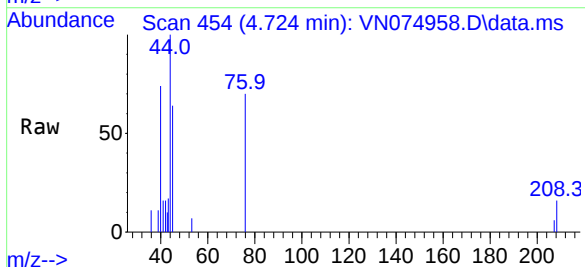
Instrument :
MSVOA_N
ClientSampleId :
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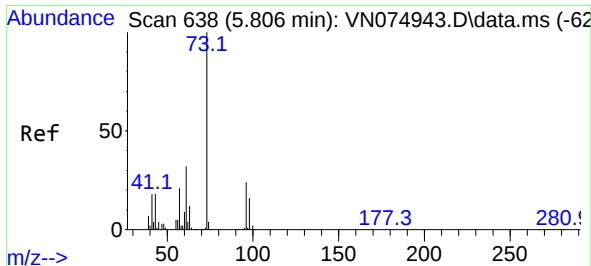
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Ion Ratio Lower Upper
43 100
58 23.9 25.7 38.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 76 Resp: 3521
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

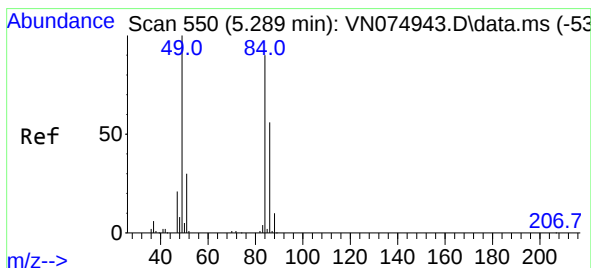
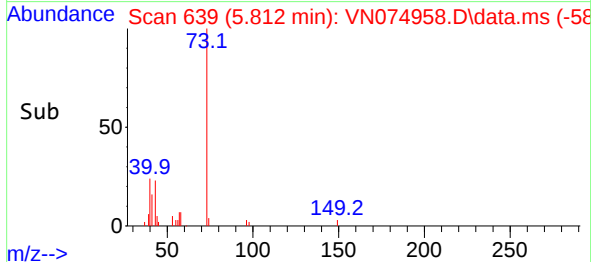
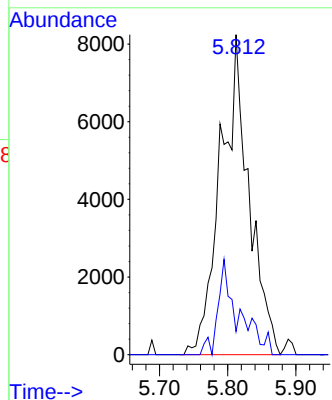
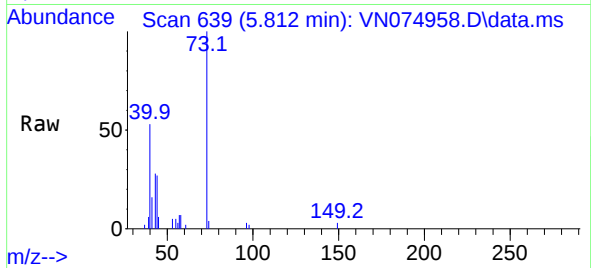




#19
Methyl tert-butyl Ether
Concen: 0.565 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

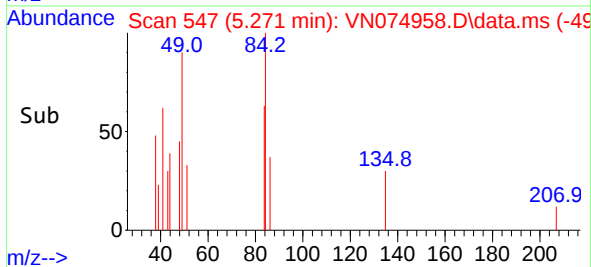
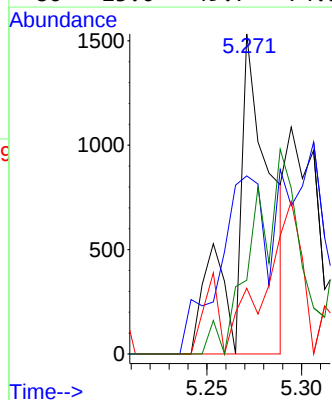
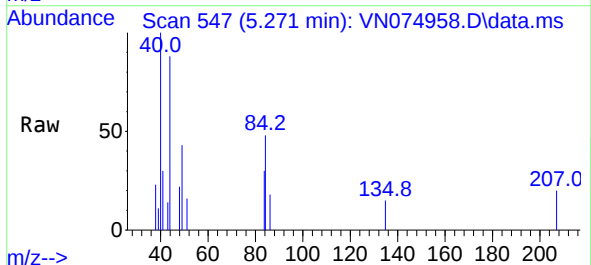
Instrument :
MSVOA_N
ClientSampleId :
MW-12

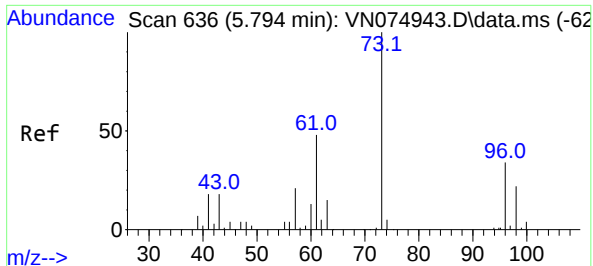
Tgt Ion: 73 Resp: 23971
Ion Ratio Lower Upper
73 100
57 7.3 16.9 25.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 547
Delta R.T. -0.018 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

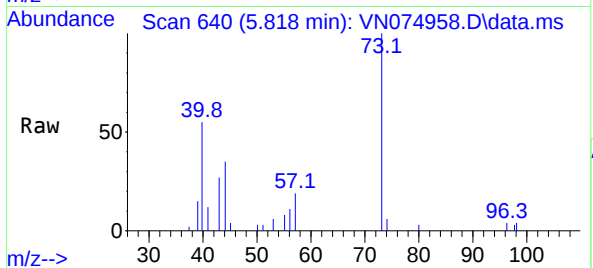
Tgt Ion: 84 Resp: 1917
Ion Ratio Lower Upper
84 100
49 55.6 88.6 133.0#
51 20.5 26.7 40.1#
86 23.0 49.7 74.5#



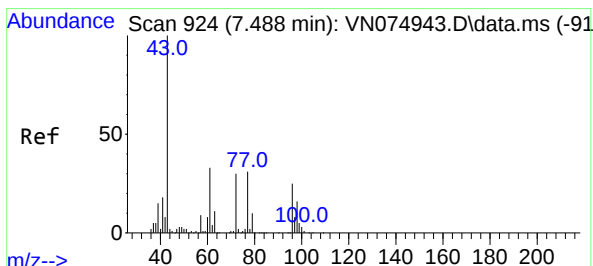
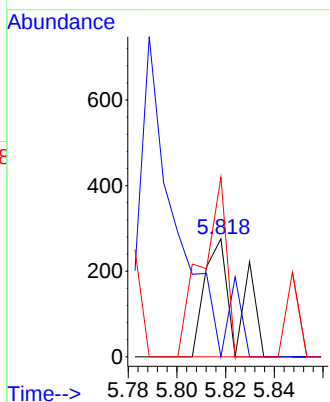
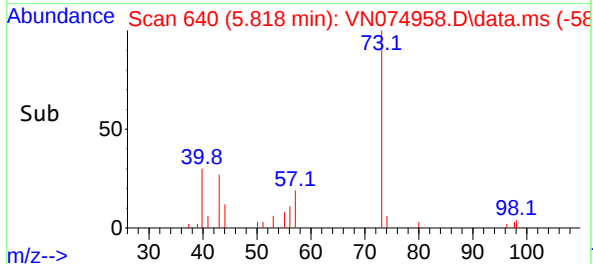


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.818 min Scan# 640
Delta R.T. 0.024 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
MW-12

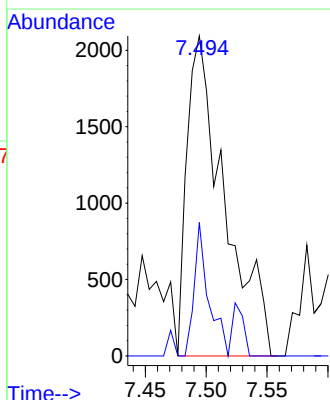
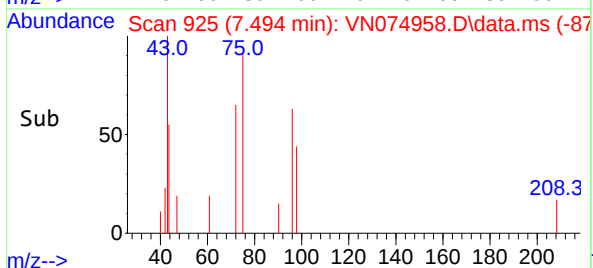
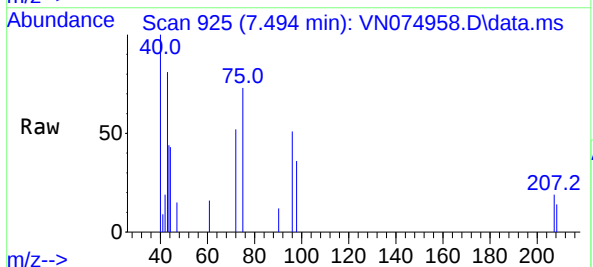


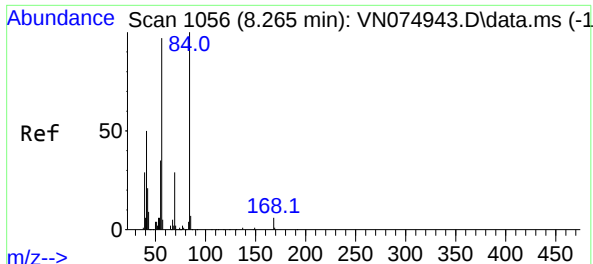
Tgt Ion: 96 Resp: 250
Ion Ratio Lower Upper
96 100
61 0.0 112.6 169.0#
98 152.2 52.4 78.6#



#25
2-Butanone
Concen: 0.422 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
72 41.7 23.9 35.9#





#31

Cyclohexane

Concen: 1.290 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12

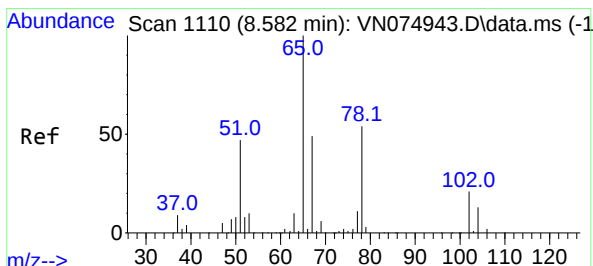
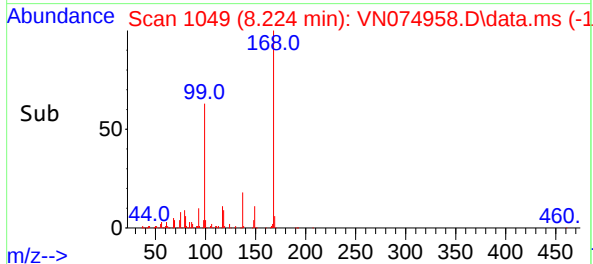
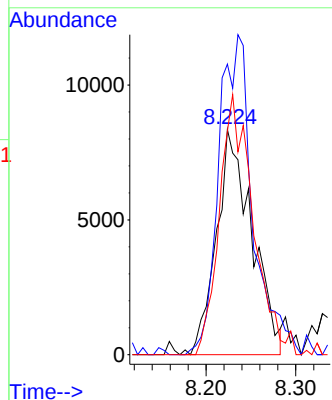
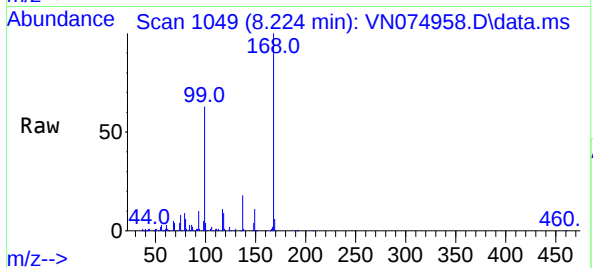
Tgt Ion: 56 Resp: 23009

Ion Ratio Lower Upper

56 100

69 129.0 24.2 36.2#

84 99.2 82.8 124.2



#33

1,2-Dichloroethane-d4

Concen: 42.749 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074958.D

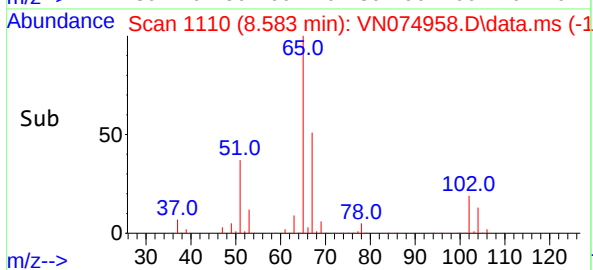
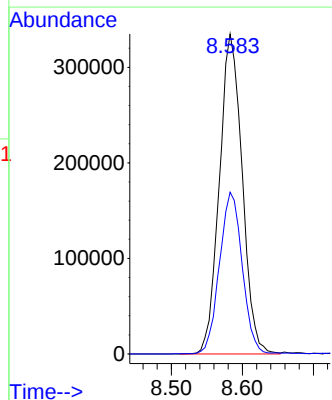
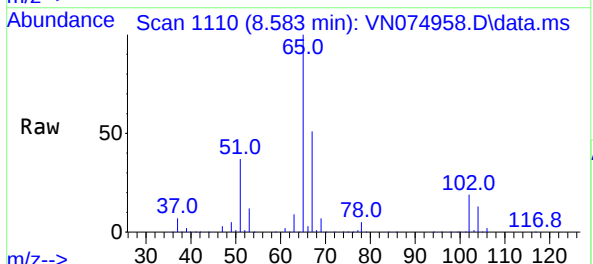
Acq: 21 Oct 2022 13:47

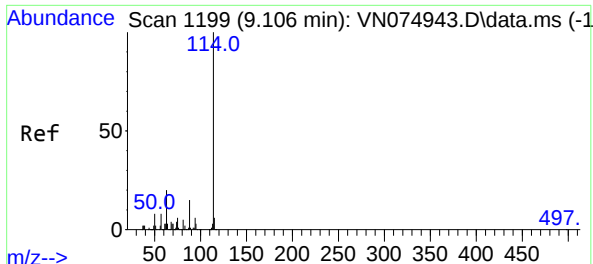
Tgt Ion: 65 Resp: 746358

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.6

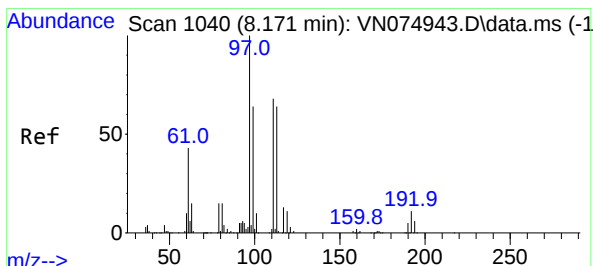
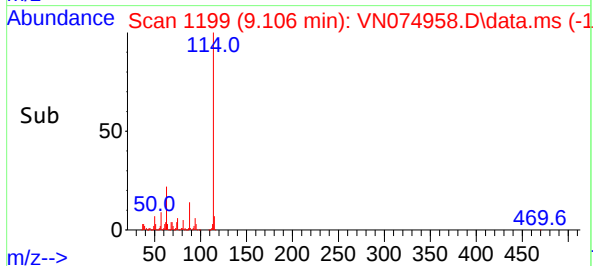
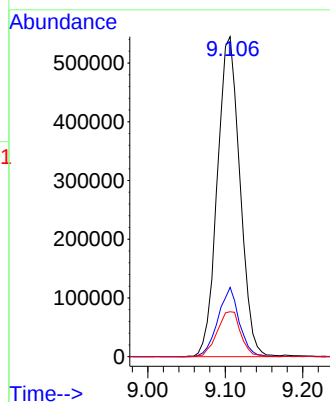
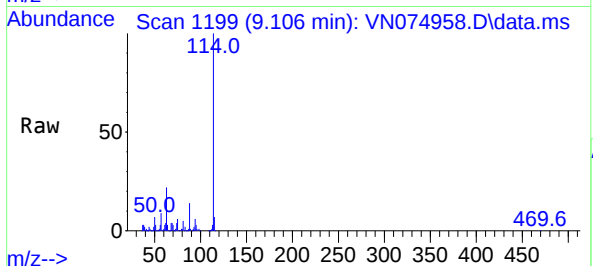




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

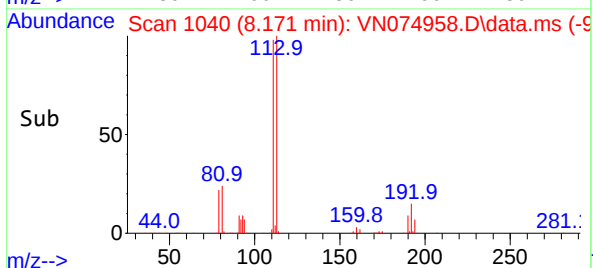
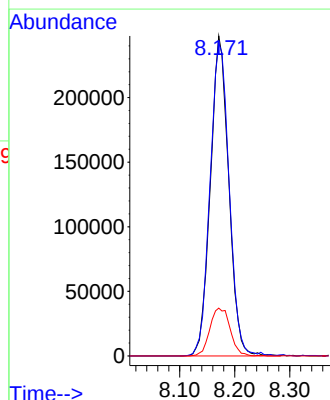
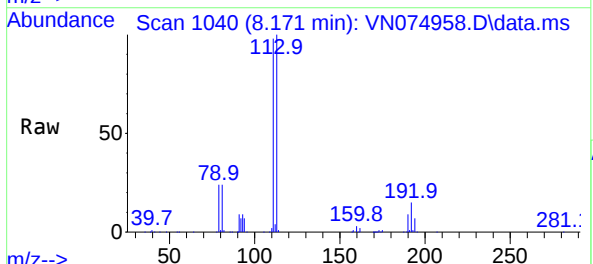
Instrument :
MSVOA_N
ClientSampleId :
MW-12

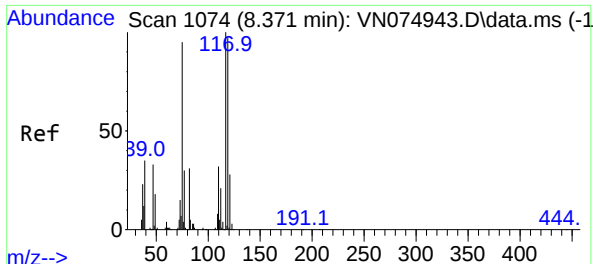
Tgt Ion:114 Resp: 1105733
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.8
88 14.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 43.615 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:113 Resp: 574022
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 16.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 3.611 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12

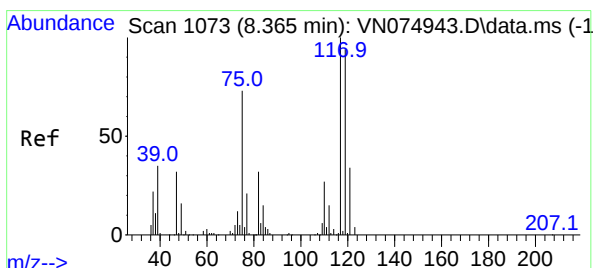
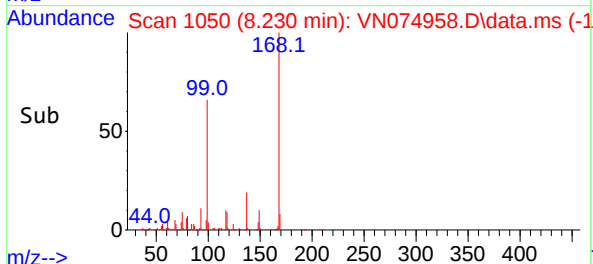
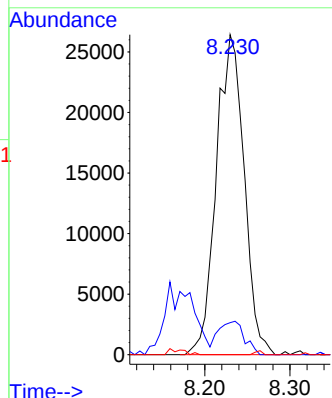
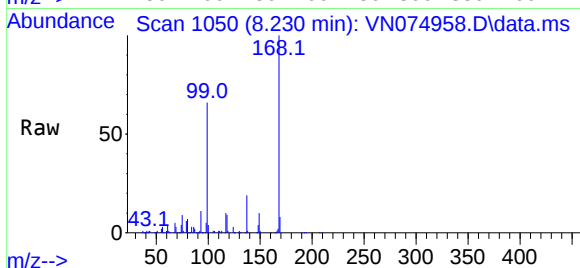
Tgt Ion: 75 Resp: 59843

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 3.965 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

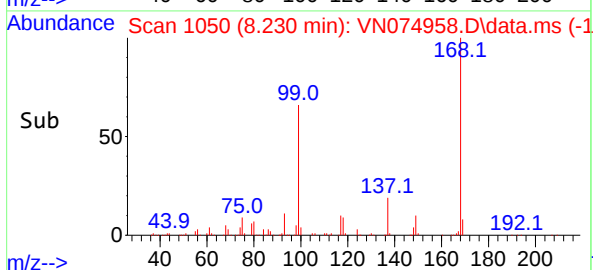
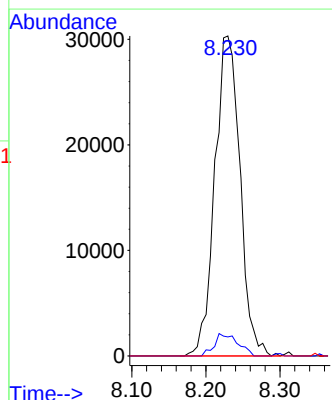
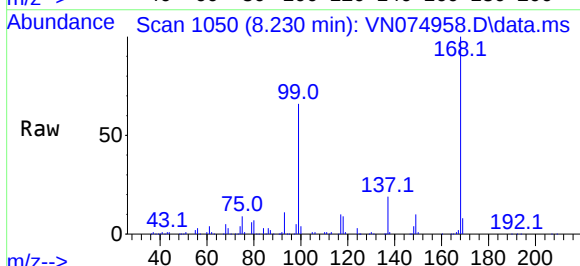
Tgt Ion: 117 Resp: 71541

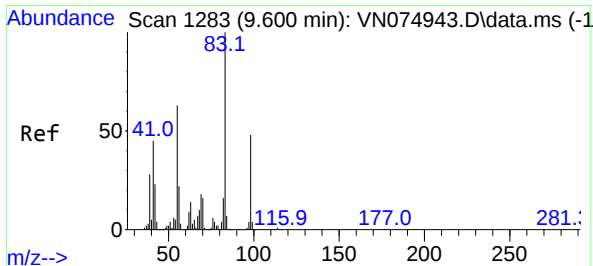
Ion Ratio Lower Upper

117 100

119 5.9 75.2 112.8#

121 0.0 27.0 40.6#

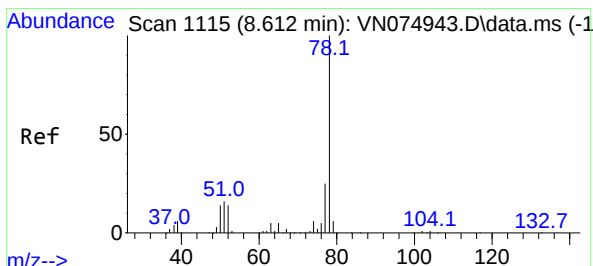
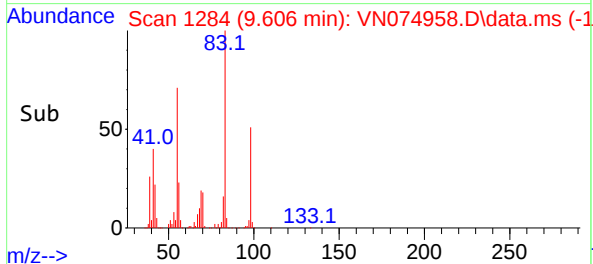
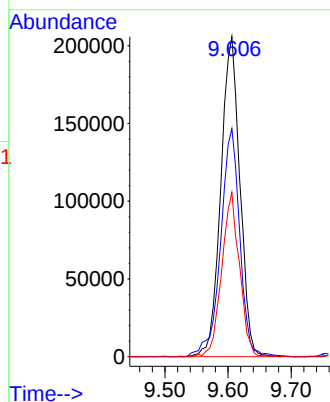
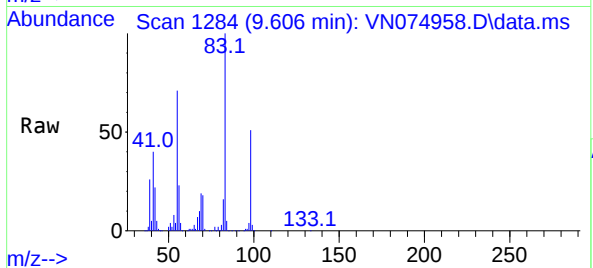




#39
Methylcyclohexane
Concen: 21.984 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

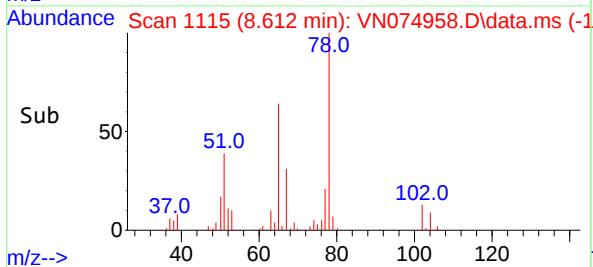
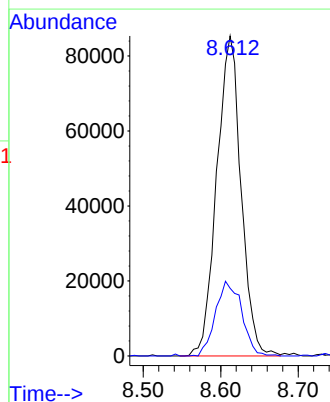
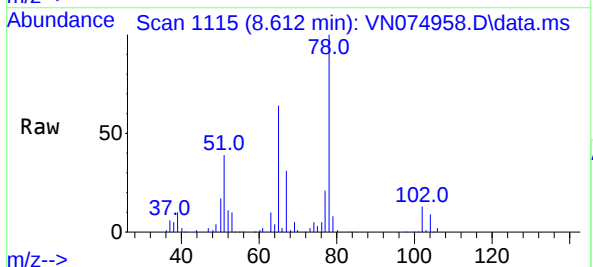
Instrument :
MSVOA_N
ClientSampleId :
MW-12

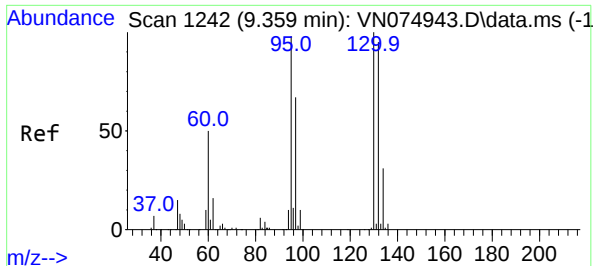
Tgt Ion: 83 Resp: 431730
Ion Ratio Lower Upper
83 100
55 71.1 50.8 76.2
98 51.4 38.8 58.2



#40
Benzene
Concen: 3.646 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 78 Resp: 186325
Ion Ratio Lower Upper
78 100
77 21.1 19.6 29.4





#44

Trichloroethene

Concen: 0.205 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

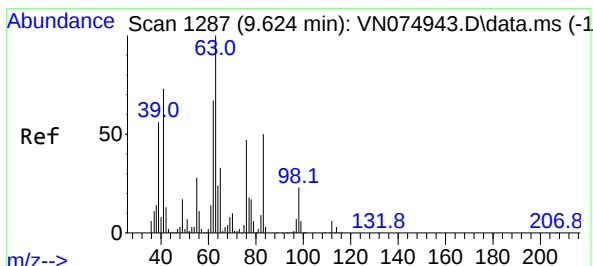
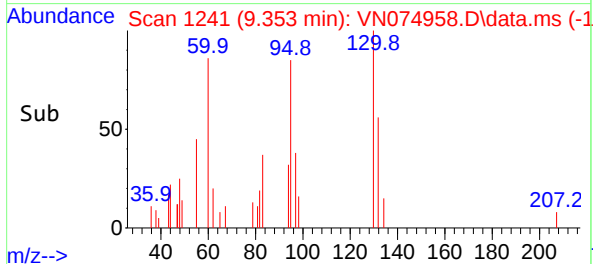
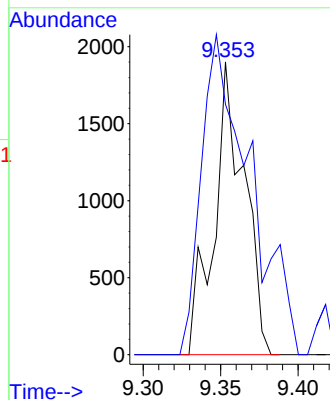
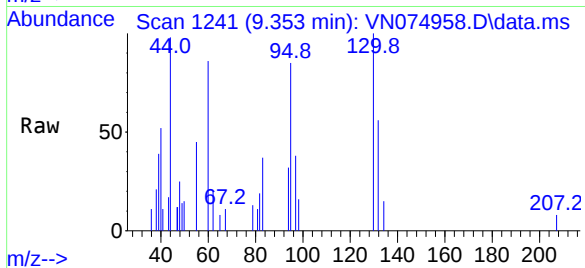
MW-12

Tgt Ion:130 Resp: 2574

Ion Ratio Lower Upper

130 100

95 85.5 0.0 195.8



#45

1,2-Dichloropropane

Concen: 0.438 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.018 min

Lab File: VN074958.D

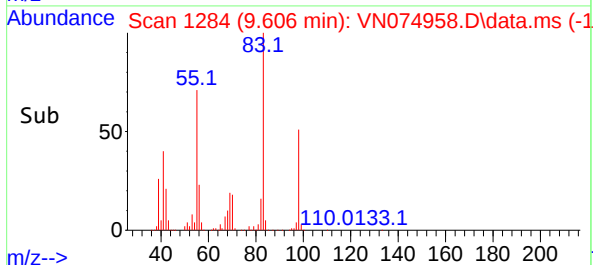
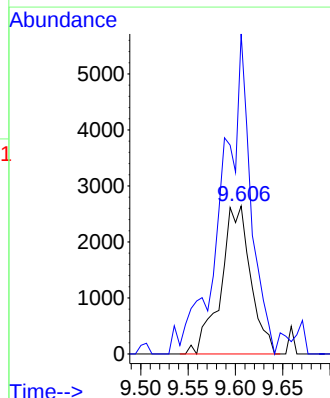
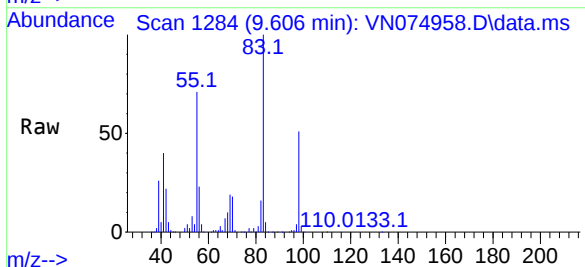
Acq: 21 Oct 2022 13:47

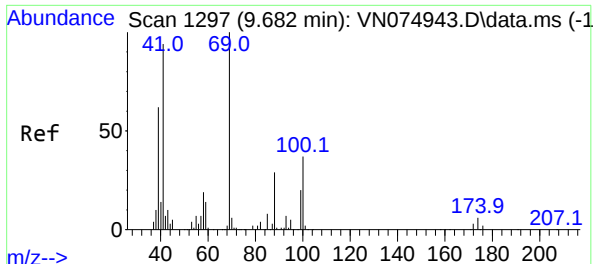
Tgt Ion: 63 Resp: 5775

Ion Ratio Lower Upper

63 100

65 210.5 26.3 39.5#





#48

Methyl methacrylate

Concen: 14.005 ug/l

RT: 9.606 min Scan# 1

Delta R.T. -0.076 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12

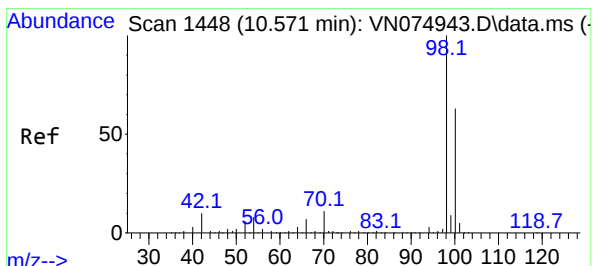
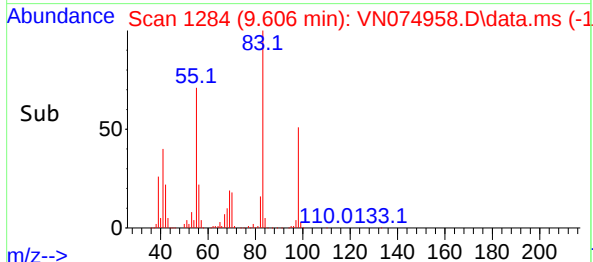
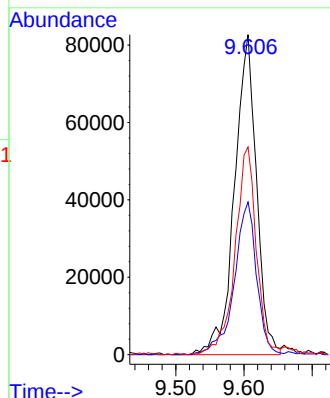
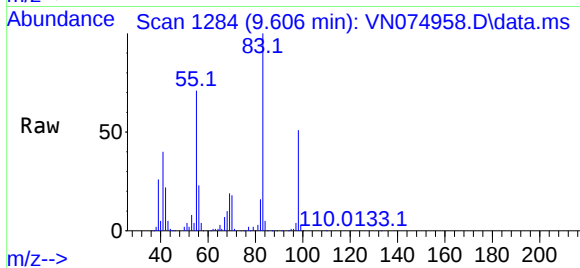
Tgt Ion: 41 Resp: 185381

Ion Ratio Lower Upper

41 100

69 48.5 79.7 119.5#

39 62.9 55.1 82.7



#50

Toluene-d8

Concen: 48.817 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN074958.D

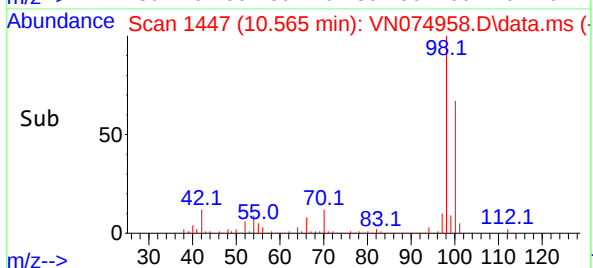
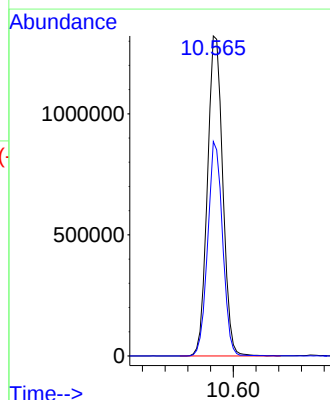
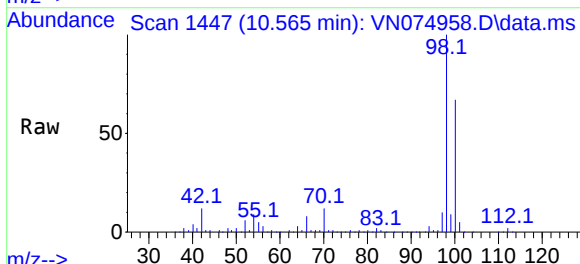
Acq: 21 Oct 2022 13:47

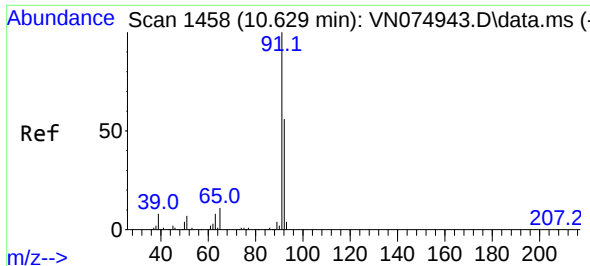
Tgt Ion: 98 Resp: 2465062

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2

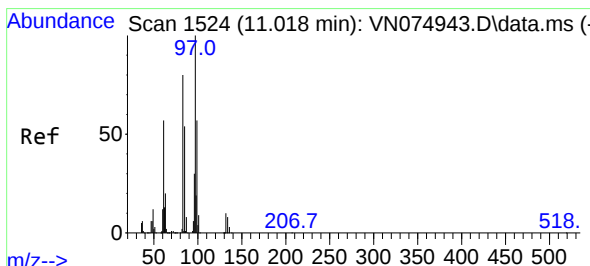
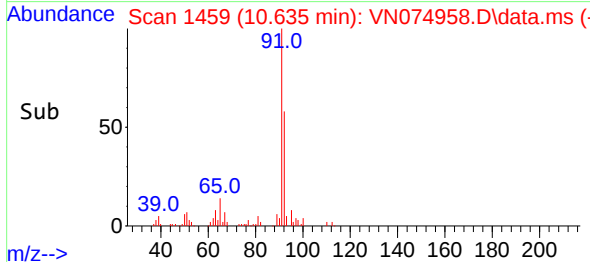
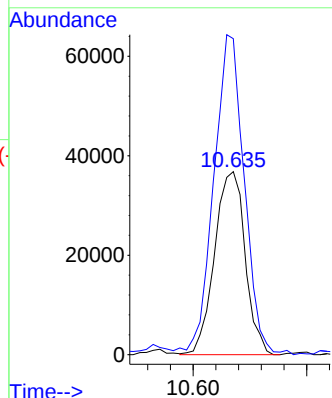
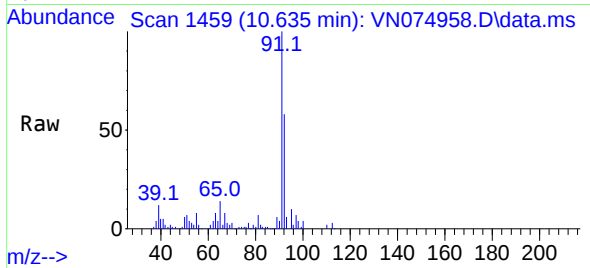




#52
Toluene
Concen: 2.062 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

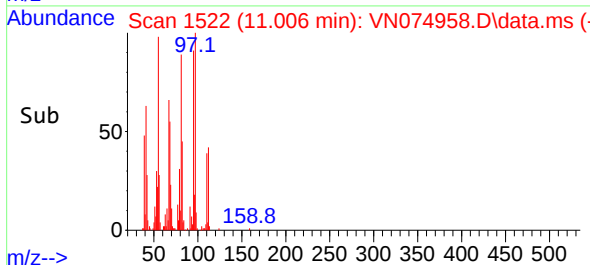
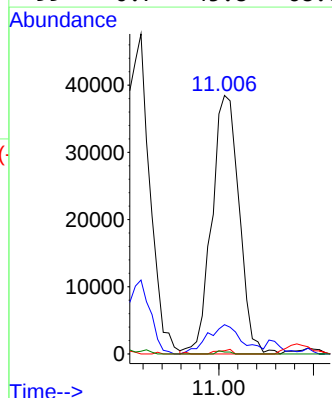
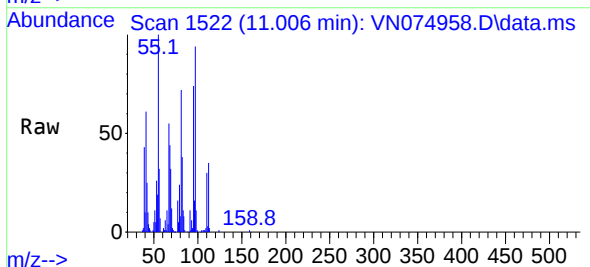
Instrument :
MSVOA_N
ClientSampleId :
MW-12

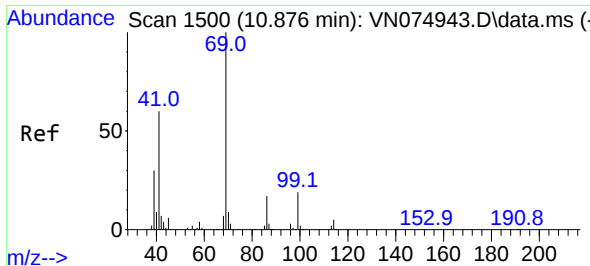
Tgt Ion: 92 Resp: 68764
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 5.514 ug/l
RT: 11.006 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 97 Resp: 77150
Ion Ratio Lower Upper
97 100
83 11.3 64.2 96.4#
85 1.2 43.3 64.9#
99 0.7 45.8 68.6#

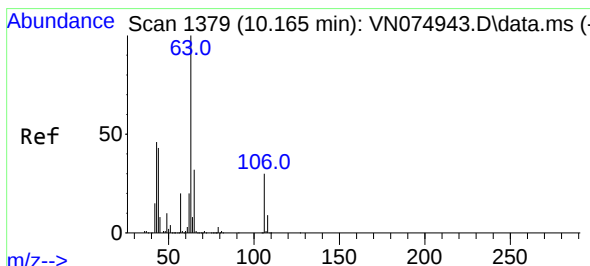
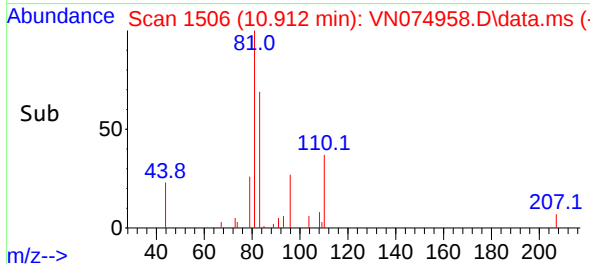
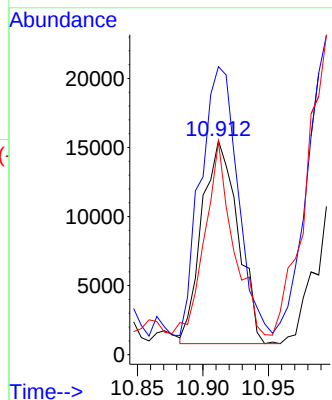
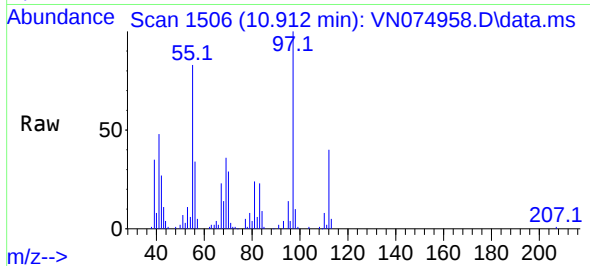




#56
Ethyl methacrylate
Concen: 1.333 ug/l
RT: 10.912 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

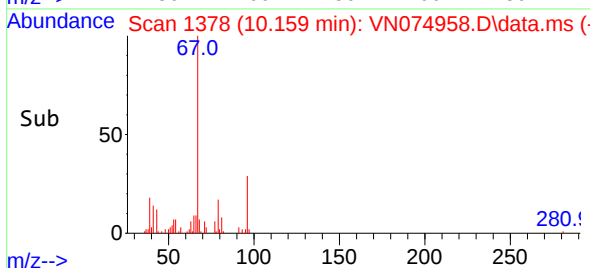
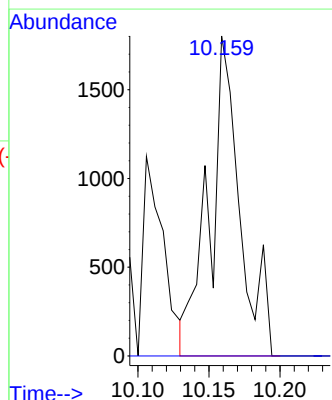
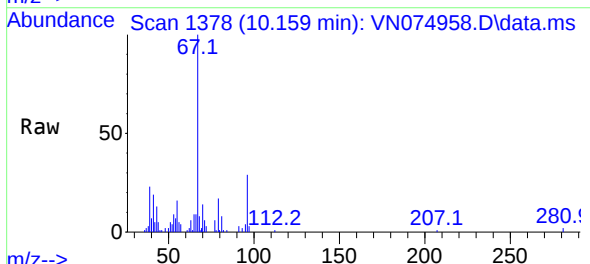
Instrument :
MSVOA_N
ClientSampleId :
MW-12

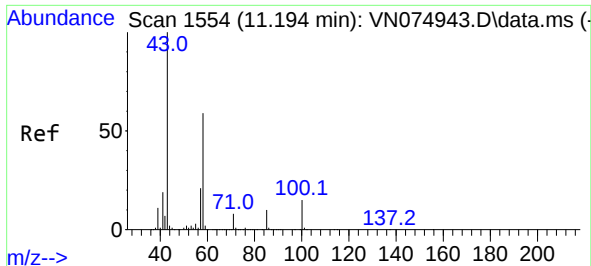
Tgt Ion: 69 Resp: 28082
Ion Ratio Lower Upper
69 100
41 147.1 45.1 67.7#
39 88.8 32.0 48.0#



#58
2-Chloroethyl Vinyl ether
Concen: 3.885 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 63 Resp: 2655
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#

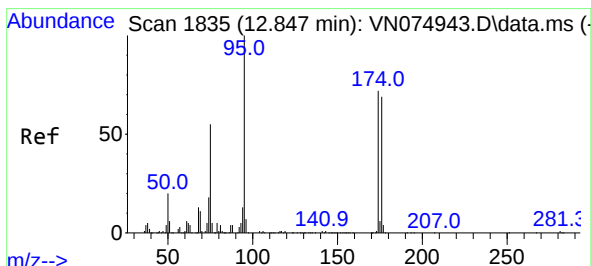
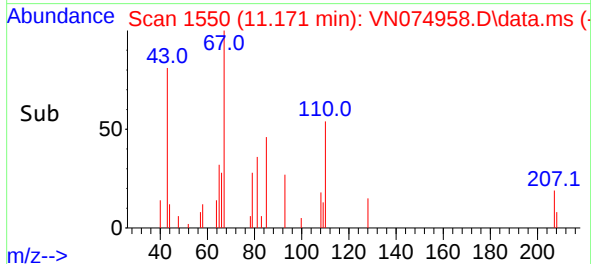
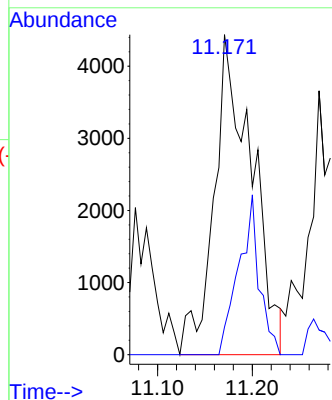
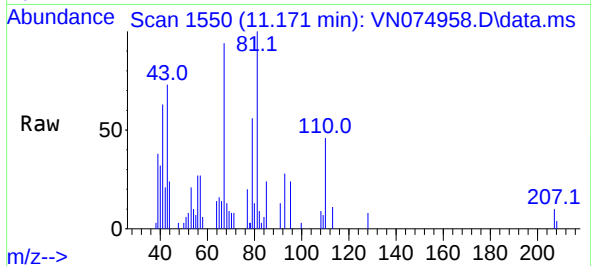




#59
2-Hexanone
Concen: 0.805 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.023 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

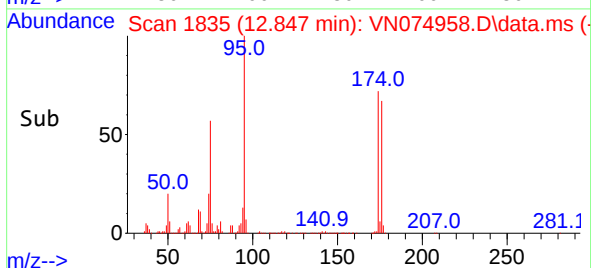
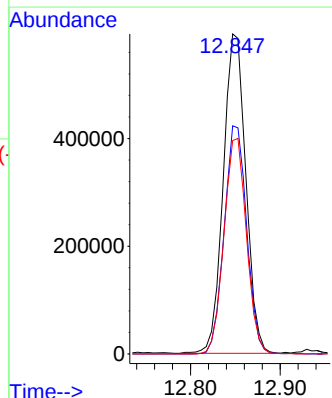
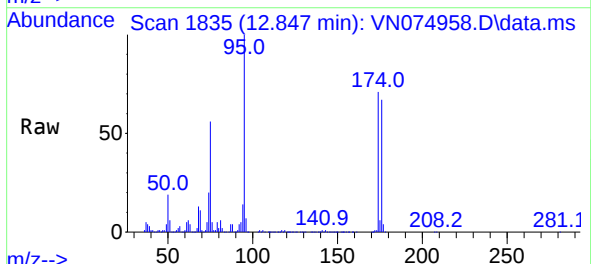
Instrument :
MSVOA_N
ClientSampleId :
MW-12

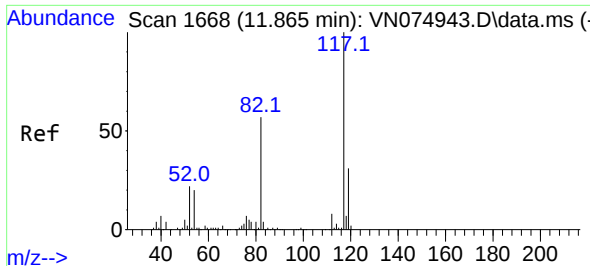
Tgt Ion: 43 Resp: 12235
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 58.046 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 95 Resp: 1033909
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.0
176 67.4 0.0 138.2

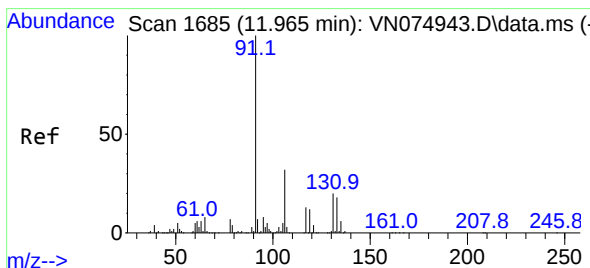
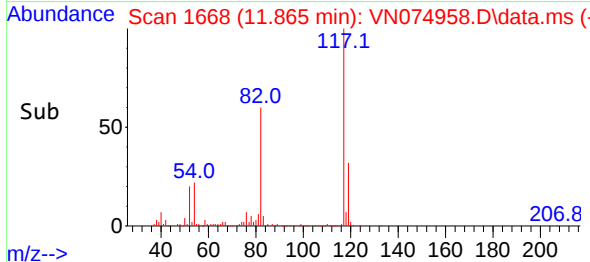
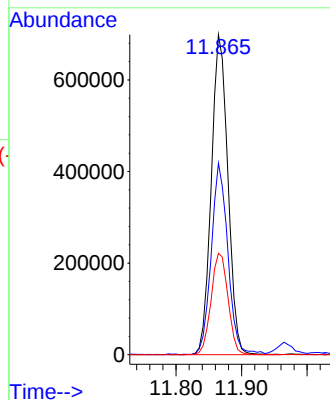
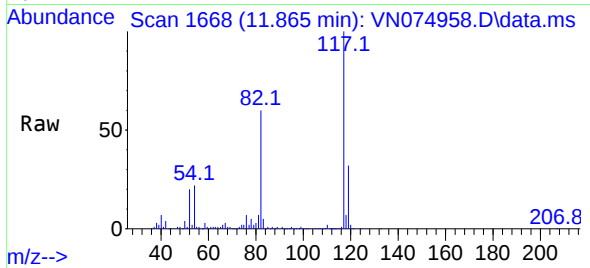




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

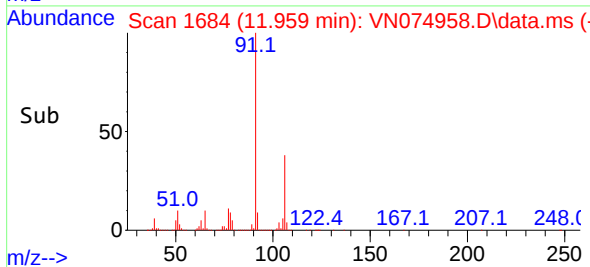
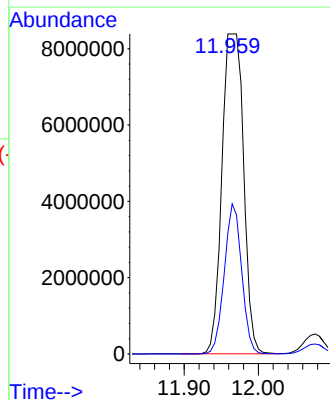
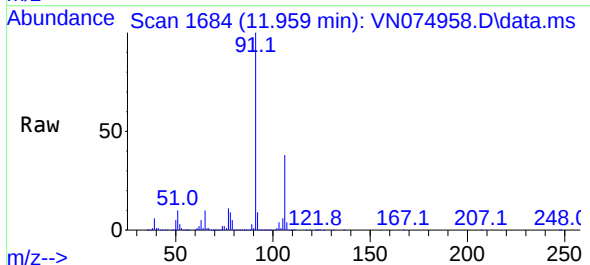
Instrument :
MSVOA_N
ClientSampleId :
MW-12

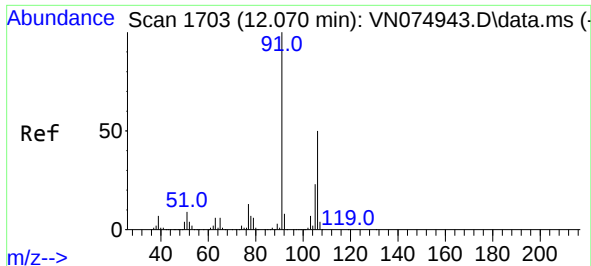
Tgt Ion:117 Resp: 1226582
Ion Ratio Lower Upper
117 100
82 59.8 45.6 68.4
119 31.7 25.1 37.7



#67
Ethyl Benzene
Concen: 258.298 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 91 Resp:17009110
Ion Ratio Lower Upper
91 100
106 37.9 25.4 38.2

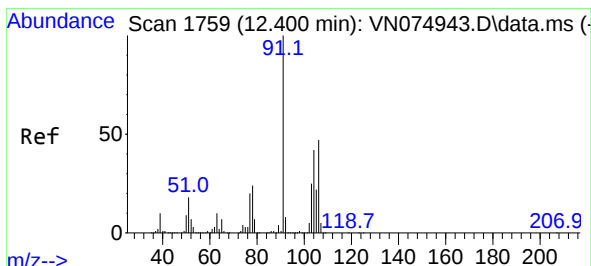
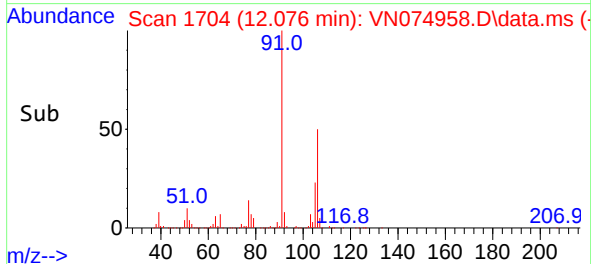
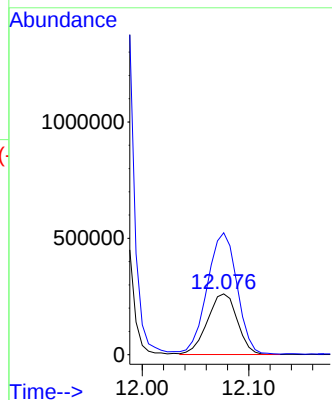
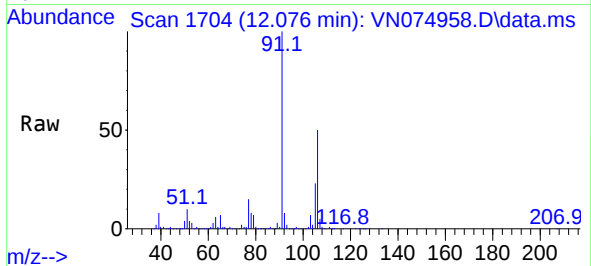




#68
m/p-Xylenes
Concen: 19.778 ug/l
RT: 12.076 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

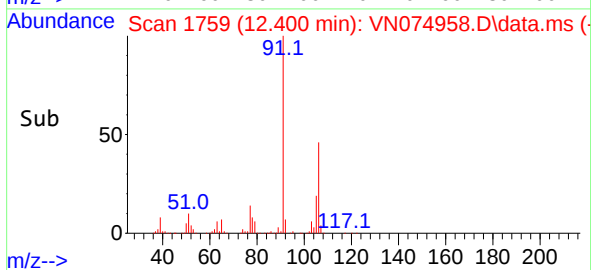
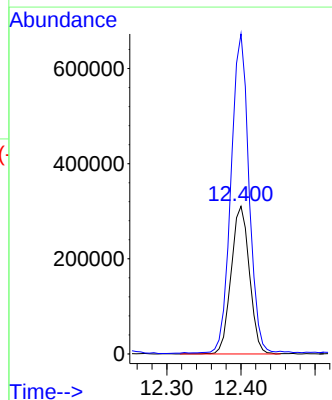
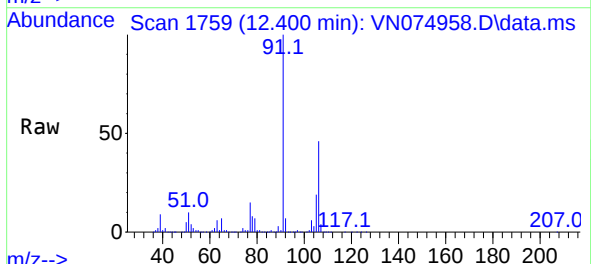
Instrument :
MSVOA_N
ClientSampleId :
MW-12

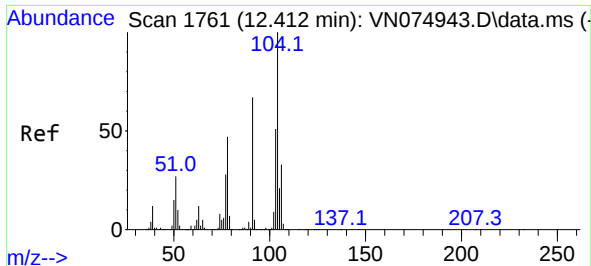
Tgt Ion:106 Resp: 507832
Ion Ratio Lower Upper
106 100
91 199.7 159.7 239.5



#69
o-Xylene
Concen: 20.629 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:106 Resp: 530590
Ion Ratio Lower Upper
106 100
91 211.4 103.6 310.7

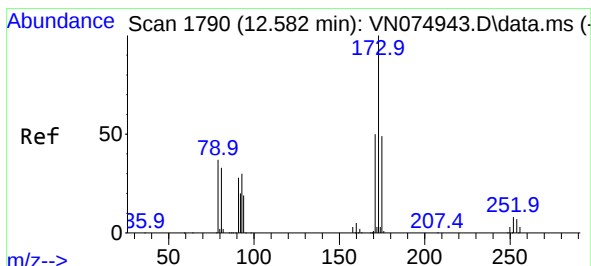
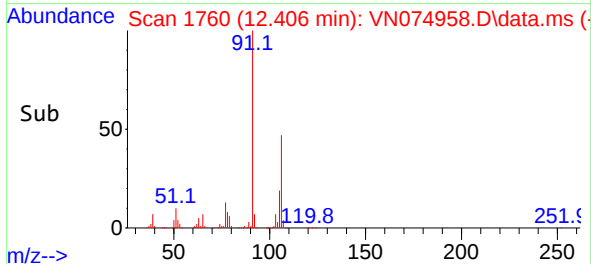
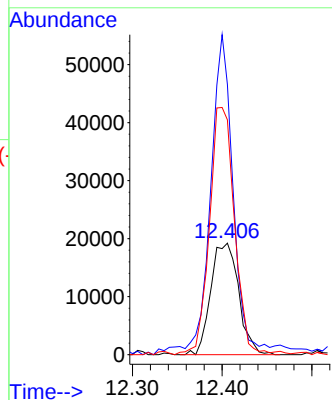
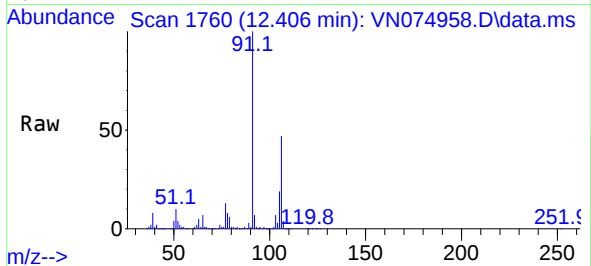




#70
Styrene
Concen: 1.017 ug/l
RT: 12.406 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

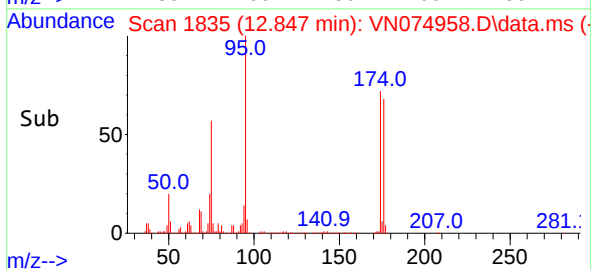
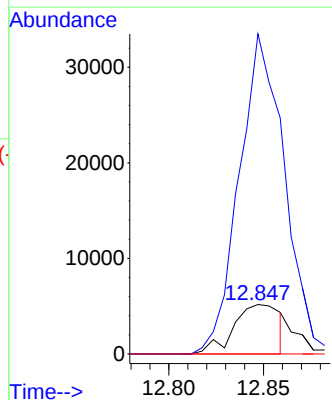
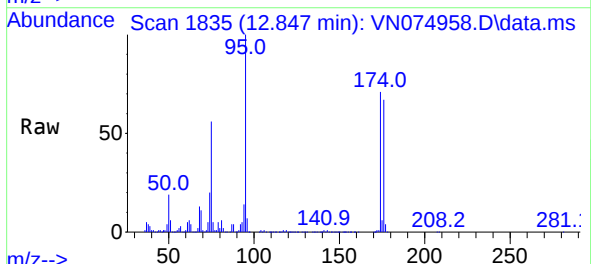
Instrument :
MSVOA_N
ClientSampleId :
MW-12

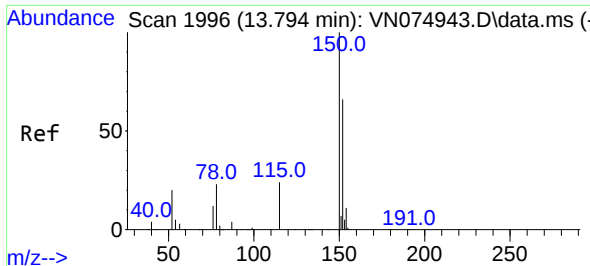
Tgt Ion:104 Resp: 41467
Ion Ratio Lower Upper
104 100
78 234.2 39.4 59.2#
103 199.5 43.0 64.4#



#71
Bromoform
Concen: 0.840 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:173 Resp: 8857
Ion Ratio Lower Upper
173 100
175 542.7 24.8 74.3#
254 0.0 0.1 0.1#

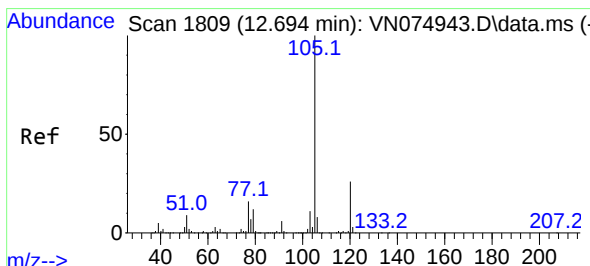
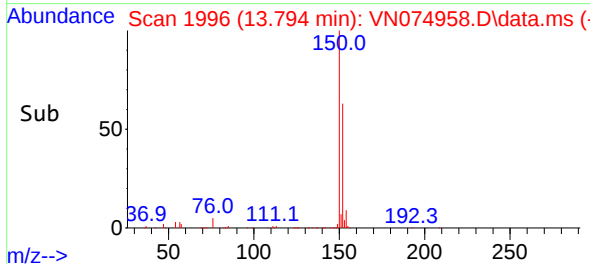
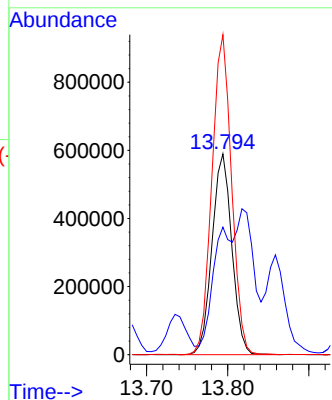
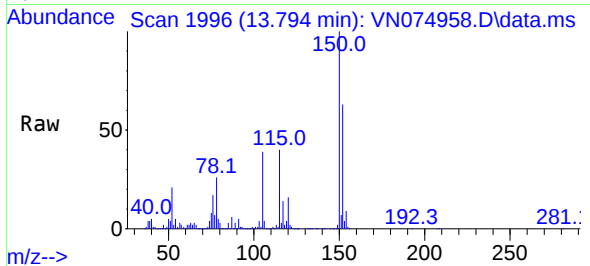




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

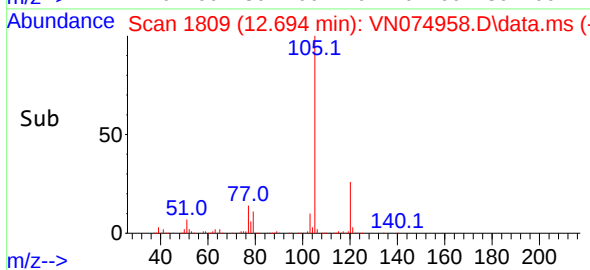
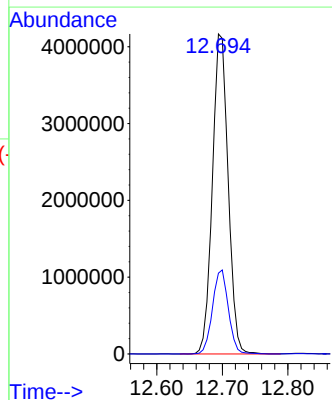
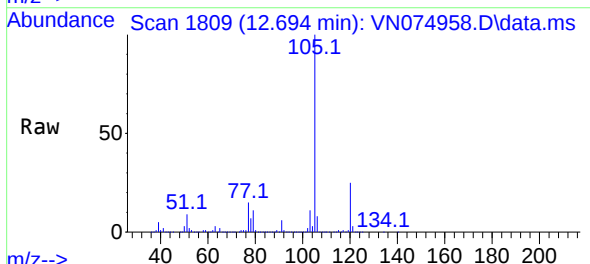
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ClientSampleId :
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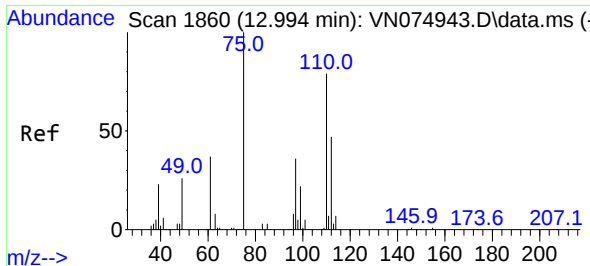
Tgt Ion:152 Resp: 996520
Ion Ratio Lower Upper
152 100
115 57.8 31.3 93.8
150 158.5 0.0 349.6



#73
Isopropylbenzene
Concen: 85.197 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:105 Resp: 6934720
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

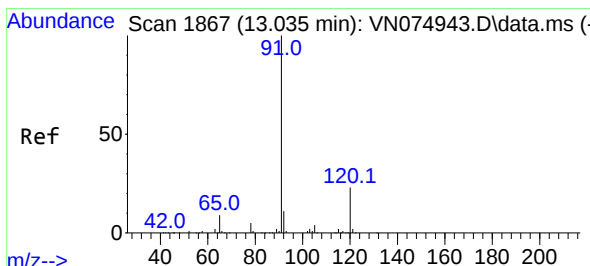
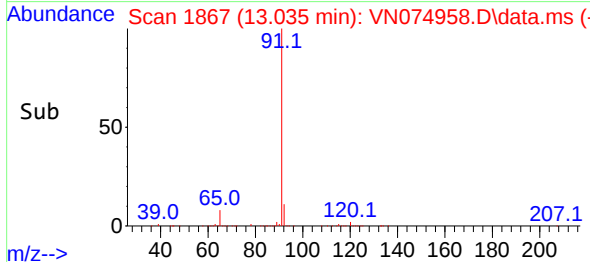
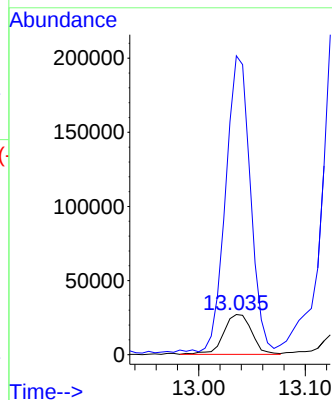
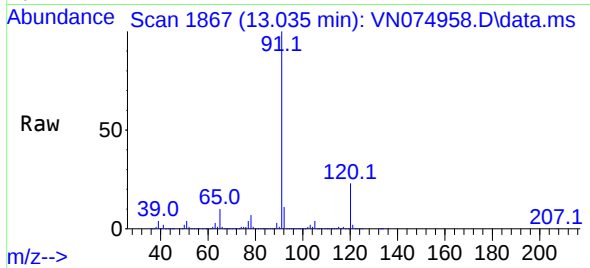




#76
1,2,3-Trichloropropane
Concen: 1.810 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.041 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

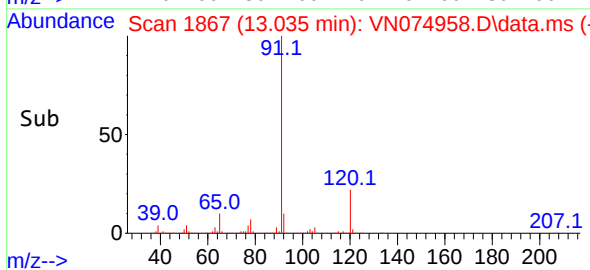
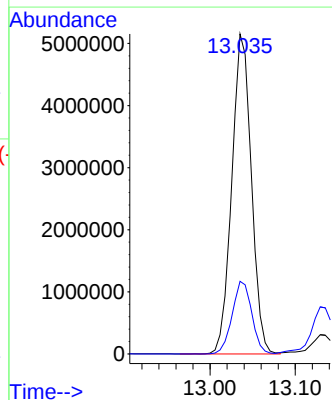
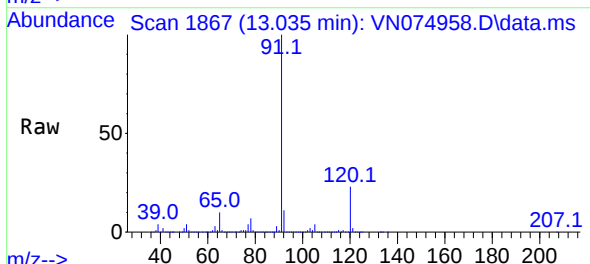
Instrument :
MSVOA_N
ClientSampleId :
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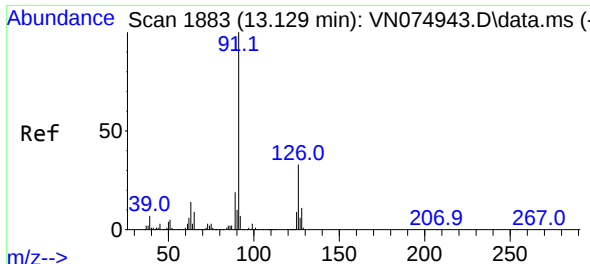
Tgt Ion: 75 Resp: 48923
Ion Ratio Lower Upper
75 100
77 664.2 81.0 243.0#



#78
n-propylbenzene
Concen: 86.092 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 91 Resp: 8201331
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

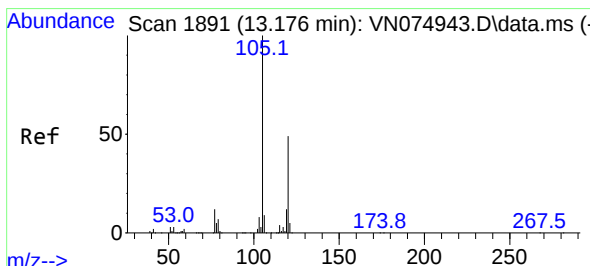
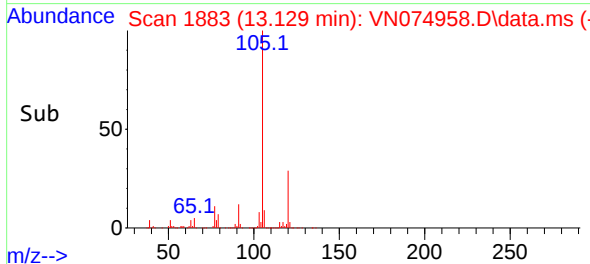
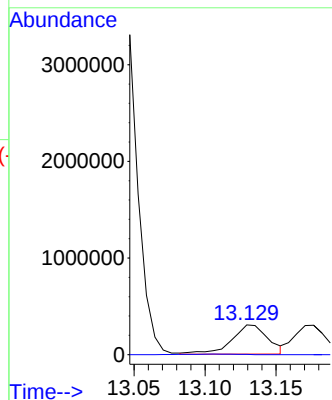
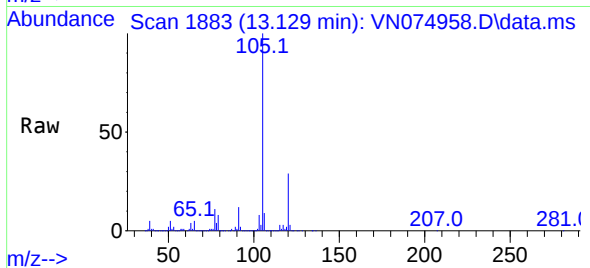




#79
2-Chlorotoluene
Concen: 9.021 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

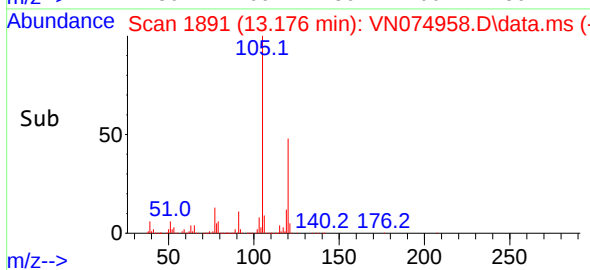
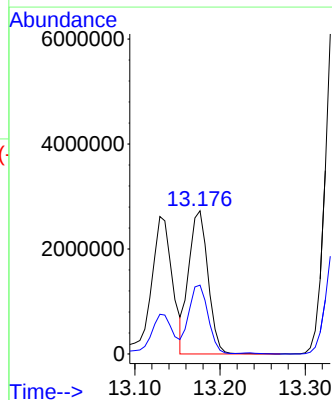
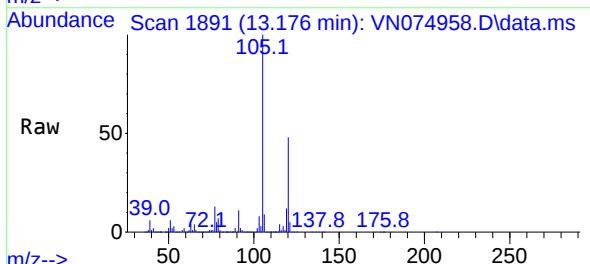
Instrument :
MSVOA_N
ClientSampleId :
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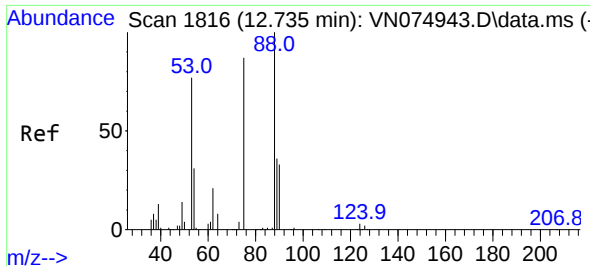
Tgt Ion: 91 Resp: 532317
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 60.784 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:105 Resp: 4273650
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9

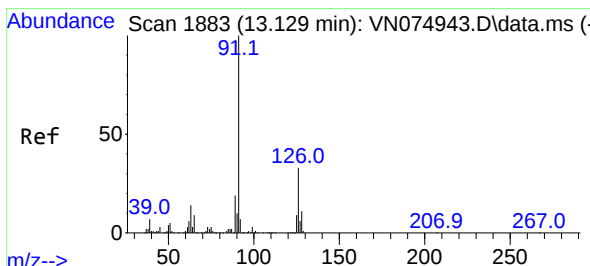
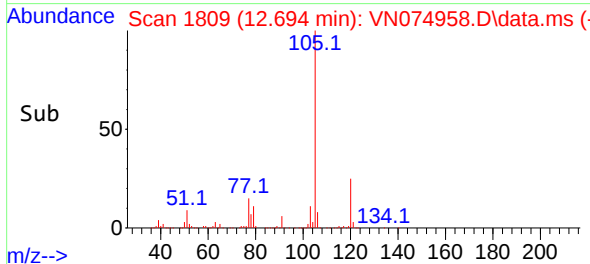
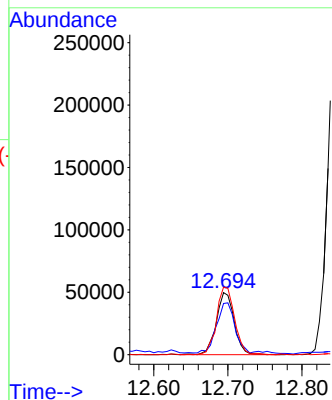
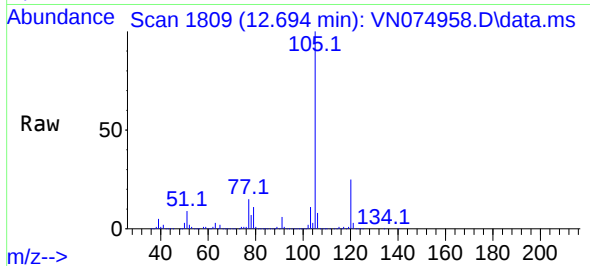




#81
trans-1,4-Dichloro-2-butene
Concen: 9.890 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.041 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

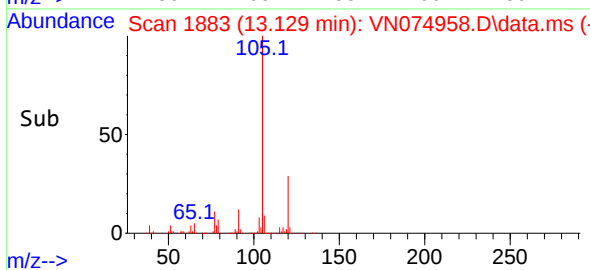
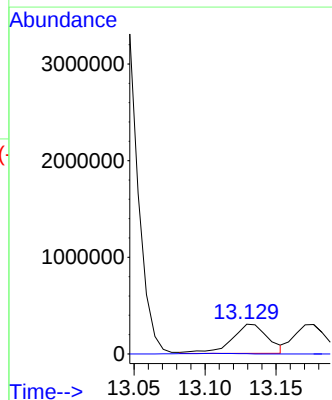
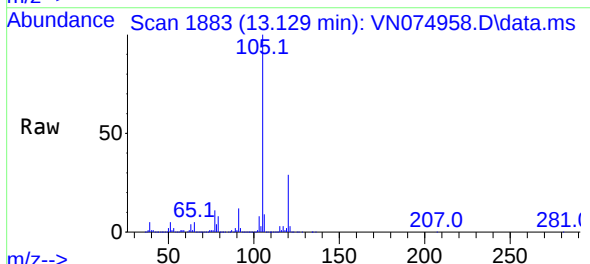
Instrument :
MSVOA_N
ClientSampleId :
MW-12

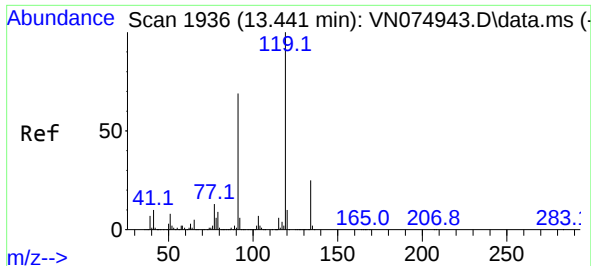
Tgt Ion: 75 Resp: 83359
Ion Ratio Lower Upper
75 100
53 83.3 79.2 118.8
89 109.9 37.9 56.9#



#82
4-Chlorotoluene
Concen: 9.021 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 91 Resp: 532317
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

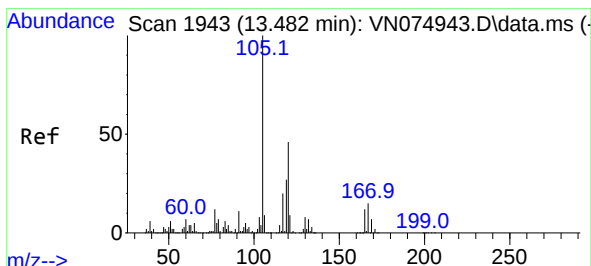
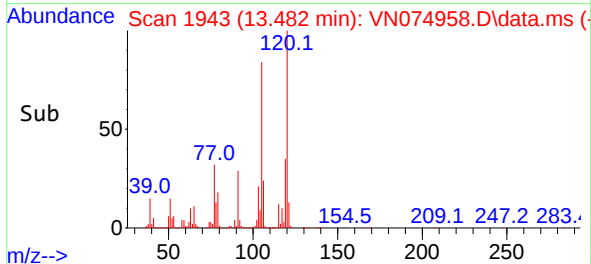
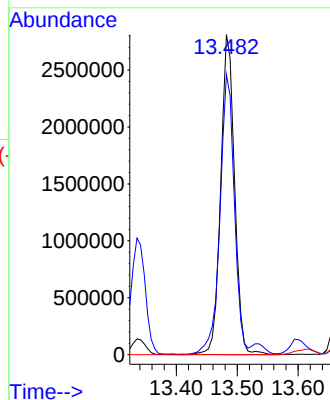
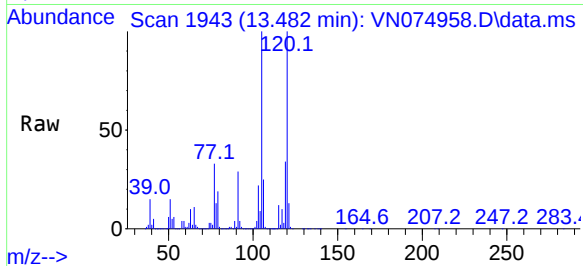




#83
tert-Butylbenzene
Concen: 71.297 ug/l
RT: 13.482 min Scan# 1918
Delta R.T. 0.041 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

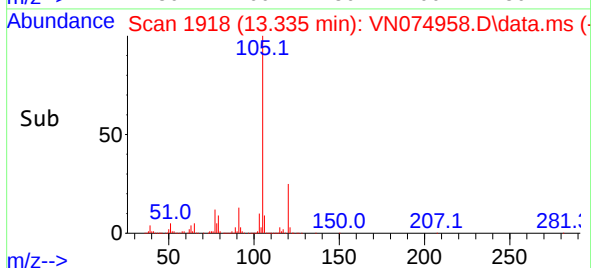
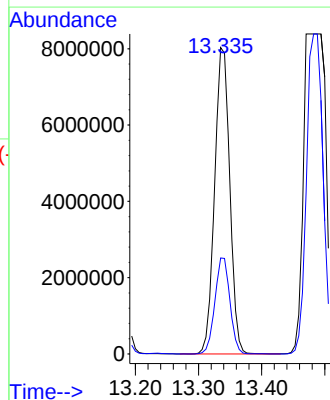
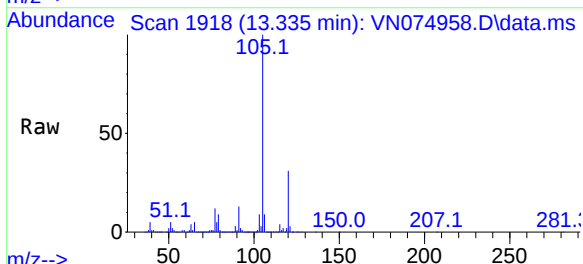
Instrument :
MSVOA_N
ClientSampleId :
MW-12

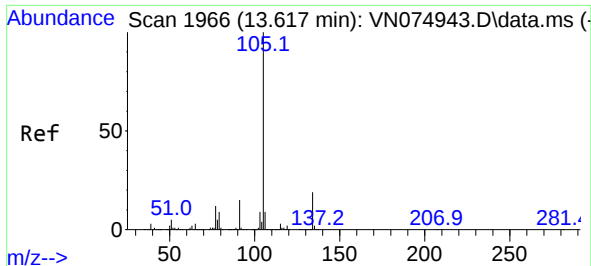
Tgt Ion:119 Resp: 4436115
Ion Ratio Lower Upper
119 100
91 90.8 33.1 99.3
134 0.0 12.4 37.0#



#84
1,2,4-Trimethylbenzene
Concen: 188.354 ug/l
RT: 13.335 min Scan# 1918
Delta R.T. -0.147 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion:105 Resp:13375721
Ion Ratio Lower Upper
105 100
120 31.1 22.9 68.5

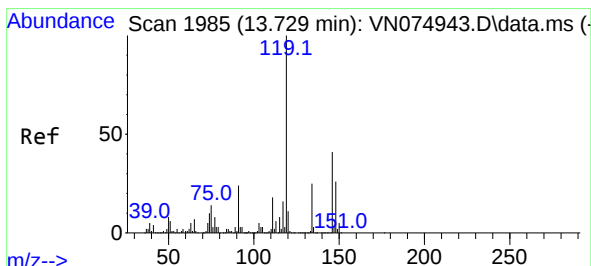
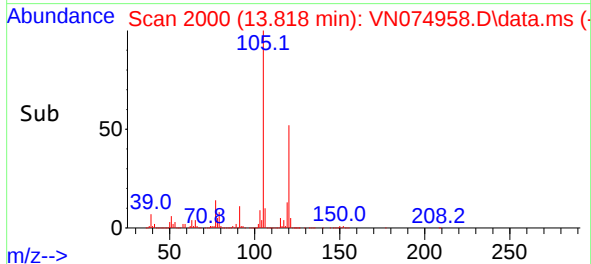
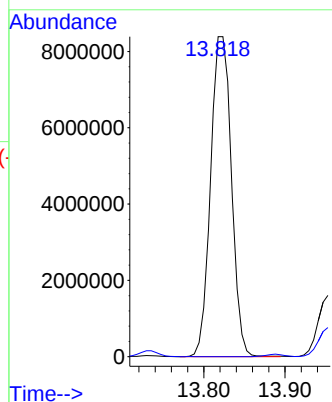
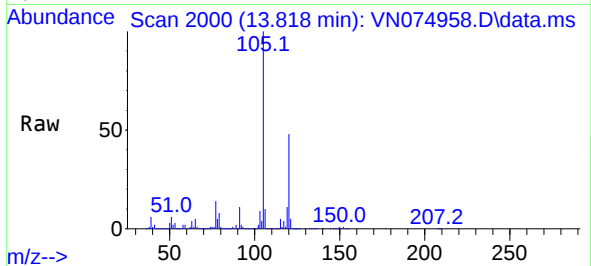




#85
 sec-Butylbenzene
 Concen: 171.102 ug/l
 RT: 13.818 min Scan# 20
 Delta R.T. 0.200 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

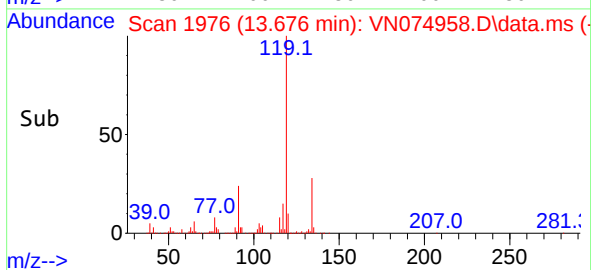
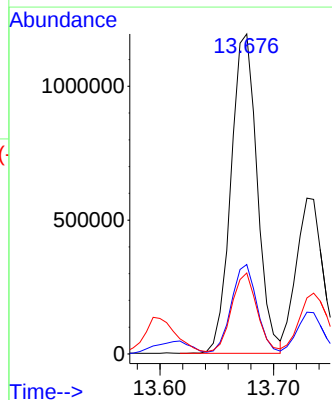
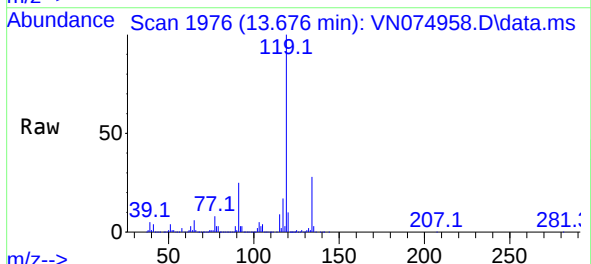
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

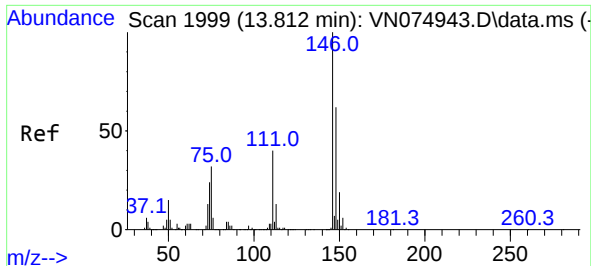
Tgt Ion:105 Resp:14947375
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 26.558 ug/l
 RT: 13.676 min Scan# 1976
 Delta R.T. -0.053 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

Tgt Ion:119 Resp: 1910776
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.9 38.7
 91 23.6 11.9 35.5

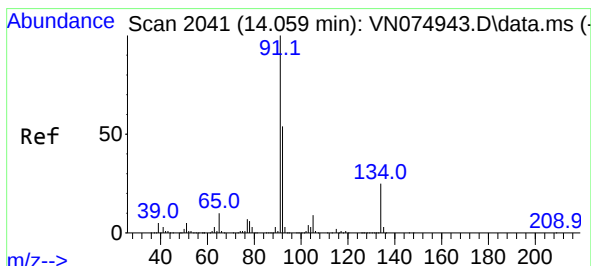
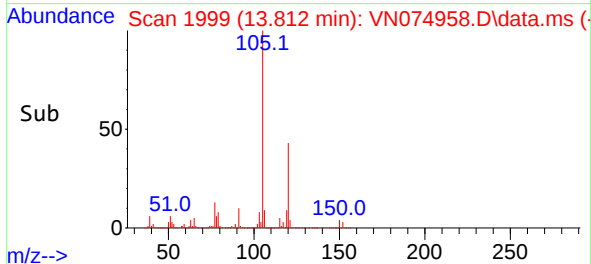
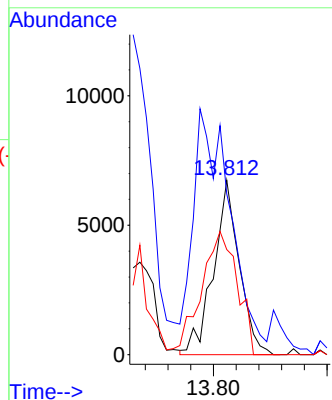
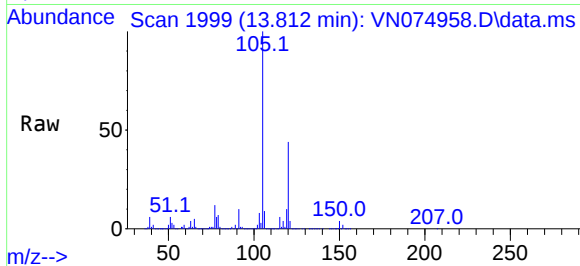




#88
 1,4-Dichlorobenzene
 Concen: 0.295 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

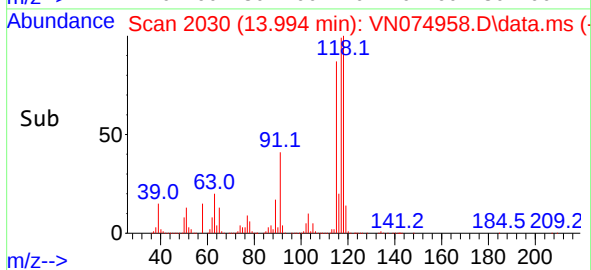
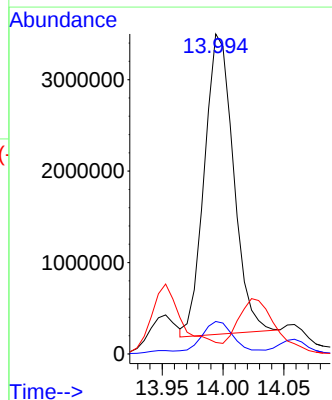
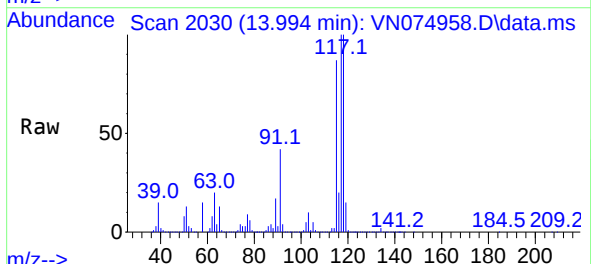
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

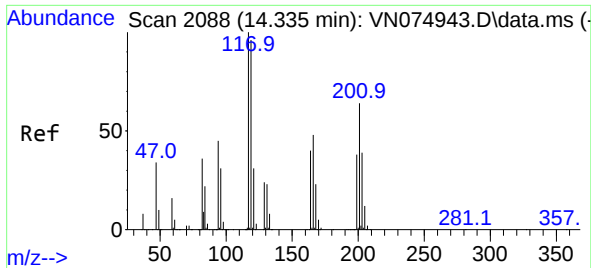
Tgt Ion:146 Resp: 10664
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 61.0#
 148 98.6 32.3 96.9#



#89
 n-Butylbenzene
 Concen: 88.844 ug/l
 RT: 13.994 min Scan# 2030
 Delta R.T. -0.065 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

Tgt Ion: 91 Resp: 5458487
 Ion Ratio Lower Upper
 91 100
 92 12.3 26.3 78.9#
 134 0.0 12.6 37.6#

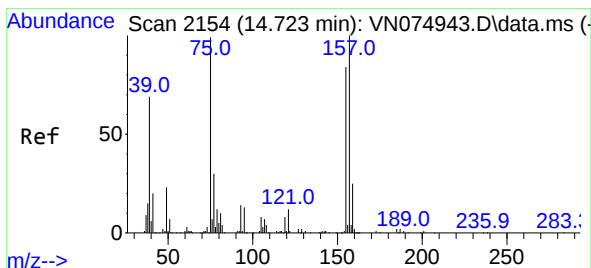
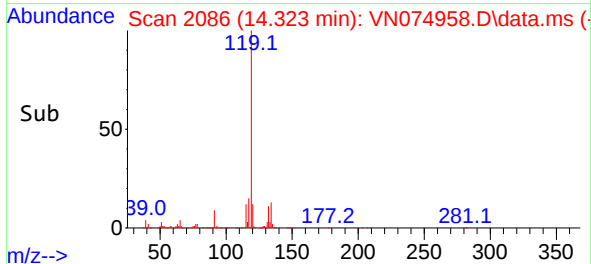
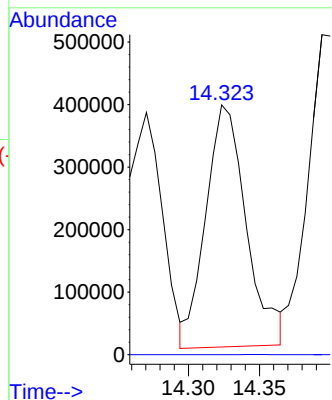
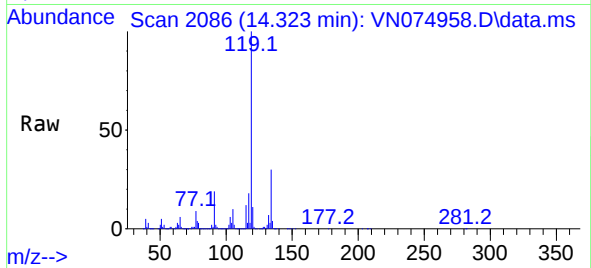




#90
Hexachloroethane
Concen: 55.168 ug/l
RT: 14.323 min Scan# 2086
Delta R.T. -0.012 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

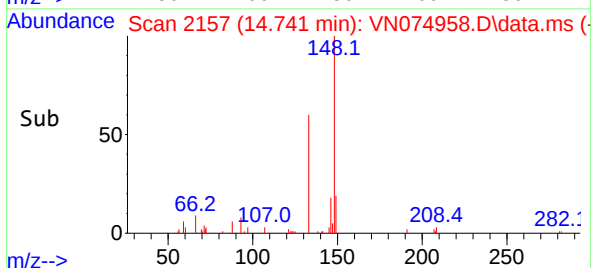
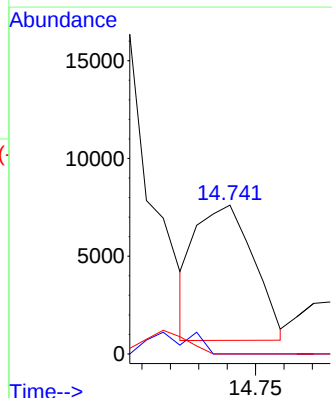
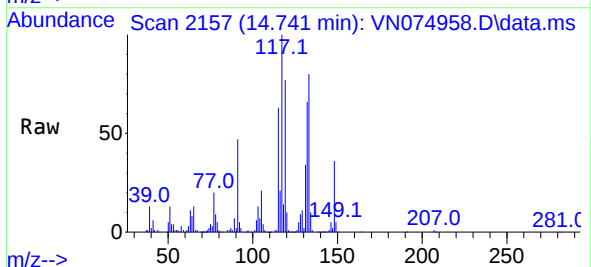
Instrument :
MSVOA_N
ClientSampleId :
MW-12

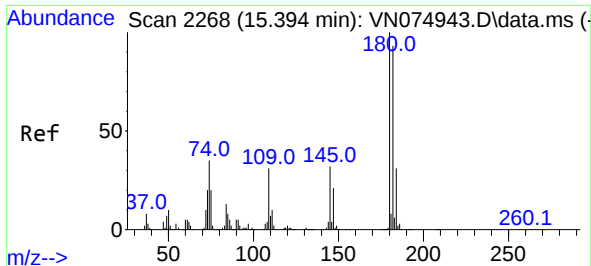
Tgt Ion:117 Resp: 769038
Ion Ratio Lower Upper
117 100
201 0.0 30.6 91.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.556 ug/l
RT: 14.741 min Scan# 2157
Delta R.T. 0.018 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Tgt Ion: 75 Resp: 9827
Ion Ratio Lower Upper
75 100
155 0.0 39.6 118.8#
157 0.0 47.8 143.4#

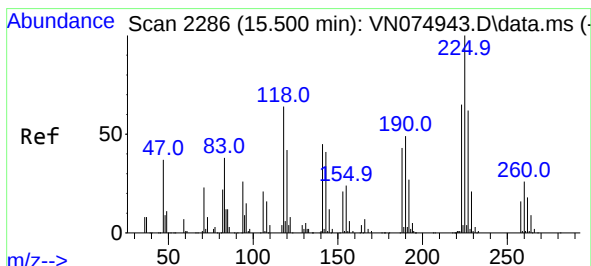
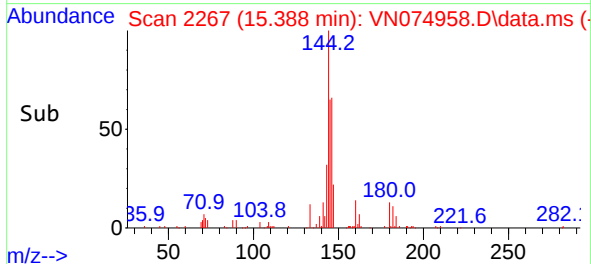
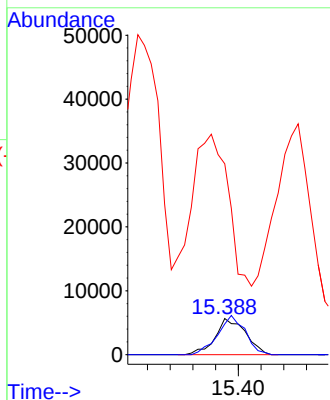
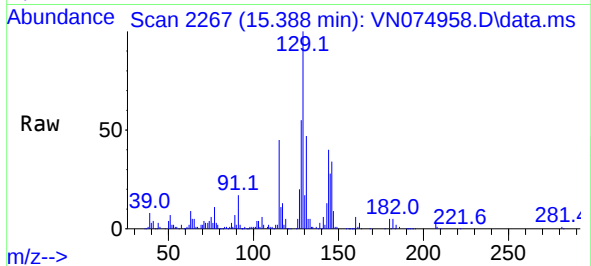




#93
1,2,4-Trichlorobenzene
Concen: 0.661 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

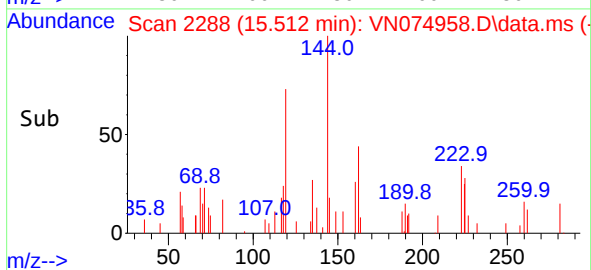
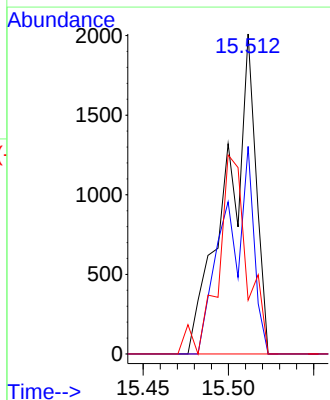
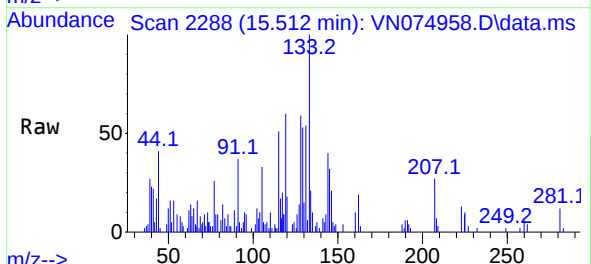
Instrument :
MSVOA_N
ClientSampleId :
MW-12

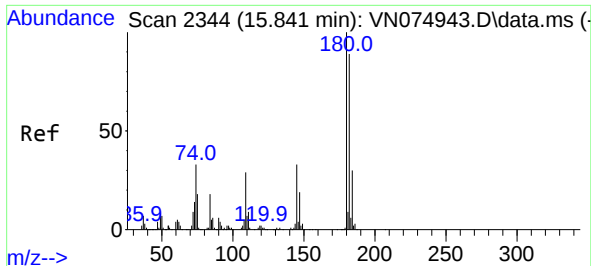
Tgt Ion:180 Resp: 10530
Ion Ratio Lower Upper
180 100
182 97.8 46.6 139.7
145 536.3 16.7 50.0#



#94
Hexachlorobutadiene
Concen: 0.285 ug/l
RT: 15.512 min Scan# 2288
Delta R.T. 0.012 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

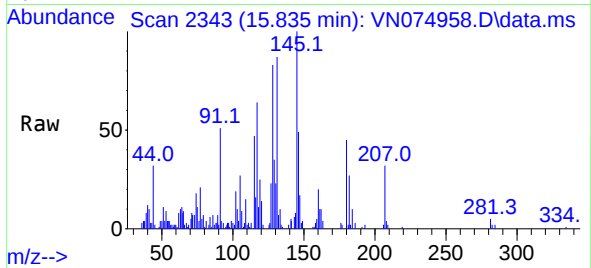
Tgt Ion:225 Resp: 2343
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.5
227 62.8 31.4 94.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.755 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074958.D
 Acq: 21 Oct 2022 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12



Tgt Ion:	180	Resp:	12106
Ion	Ratio	Lower	Upper
180	100		
182	99.2	46.7	140.1
145	0.0	17.2	51.5#

