

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076134.D
 Acq On : 06 Jan 2023 15:24
 Operator : JC\MD
 Sample : 01043-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-203

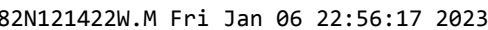
Quant Time: Jan 06 22:56:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

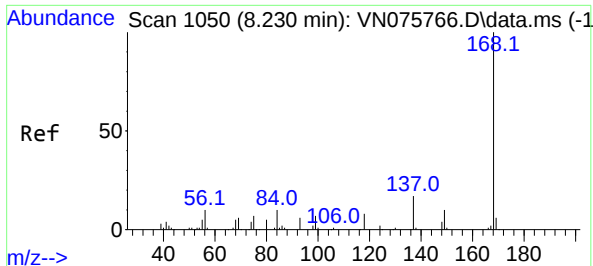
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	356299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	523180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	197099	50.849	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.700%			
35) Dibromofluoromethane	8.171	113	175872	48.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.460%			
50) Toluene-d8	10.571	98	687411	50.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.853	95	211626	47.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	225	0.410	ug/l #	72
16) Acetone	4.447	43	38098	28.512	ug/l	93
18) Methyl Acetate	5.041	43	3211	0.813	ug/l #	53
20) Methylene Chloride	5.294	84	10576	2.348	ug/l #	87
25) 2-Butanone	7.494	43	7444	3.979	ug/l	92
29) Tetrahydrofuran	7.853	42	514	0.438	ug/l #	73
31) Cyclohexane	8.230	56	7121	1.283	ug/l #	13
36) 1,1-Dichloropropene	8.230	75	26078	5.439	ug/l #	49
37) Ethyl Acetate	7.571	43	29476	7.654	ug/l	96
38) Carbon Tetrachloride	8.230	117	36839	6.865	ug/l #	17
41) Methacrylonitrile	7.853	41	569	0.284	ug/l #	22
42) 1,2-Dichloroethane	8.688	62	1297	0.264	ug/l #	72
43) Isopropyl Acetate	8.694	43	270676	42.609	ug/l #	72
45) 1,2-Dichloropropane	9.747	63	2271	0.631	ug/l #	43
48) Methyl methacrylate	9.747	41	125264	43.781	ug/l #	34
49) 1,4-Dioxane	9.741	88	193	2.744	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	13105	3.411	ug/l #	82
53) t-1,3-Dichloropropene	10.735	75	1090	0.213	ug/l #	44
54) cis-1,3-Dichloropropene	10.359	75	60488	10.749	ug/l #	66
56) Ethyl methacrylate	10.988	69	1710	0.340	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	9242	1.490	ug/l #	42
59) 2-Hexanone	11.171	43	115565	41.249	ug/l #	20
71) Bromoform	12.853	173	1991	0.688	ug/l #	1
74) N-amyl acetate	12.488	43	1306	0.292	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	109947	25.877	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109947	93.142	ug/l #	12
95) Naphthalene	15.653	128	872	2.250	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

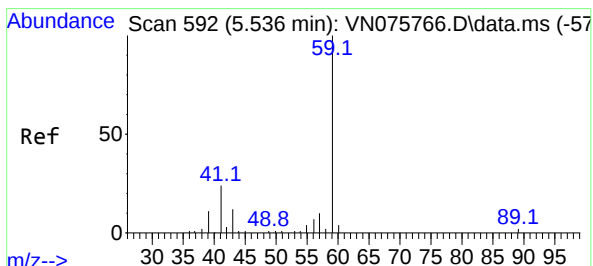
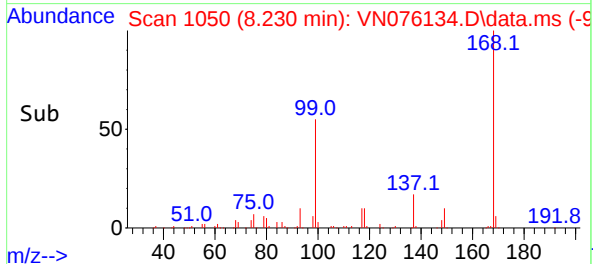
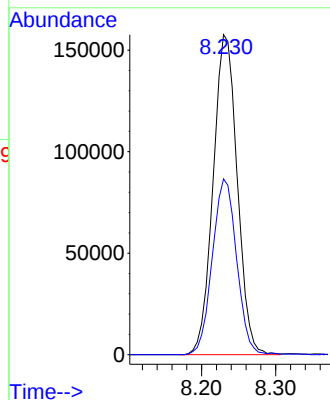
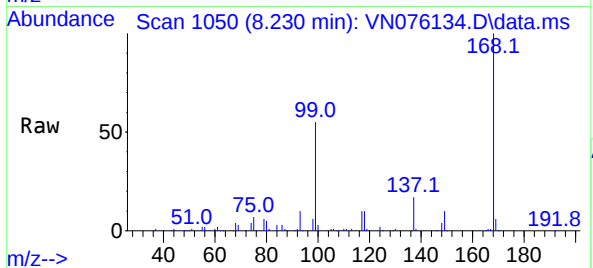




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076134.D
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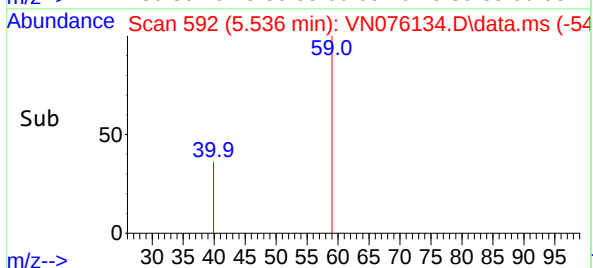
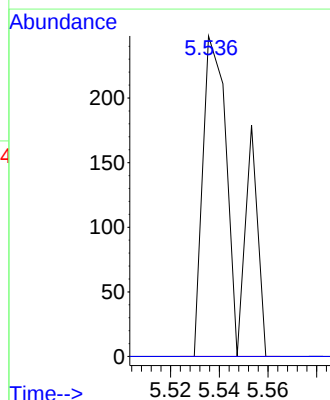
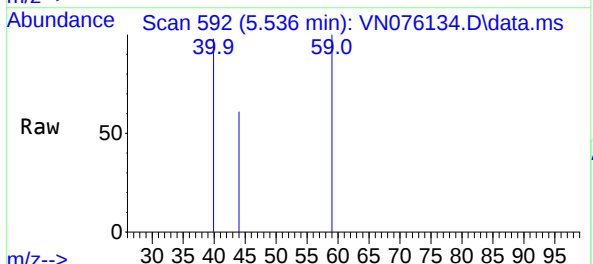
Instrument :
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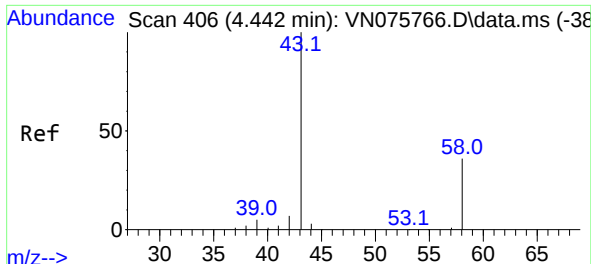
Tgt Ion:168 Resp: 356299
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.410 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

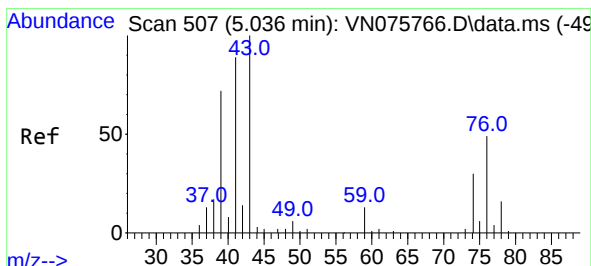
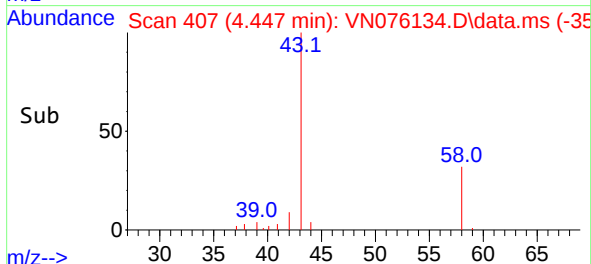
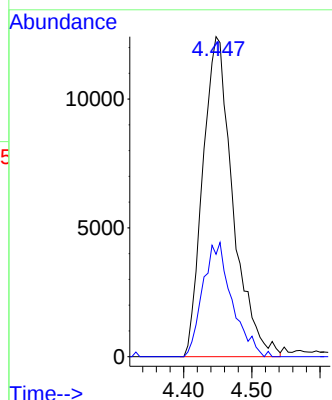
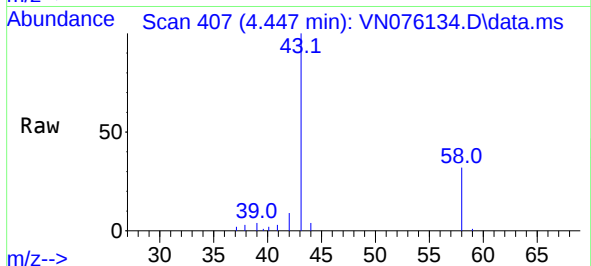




#16
Acetone
Concen: 28.512 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

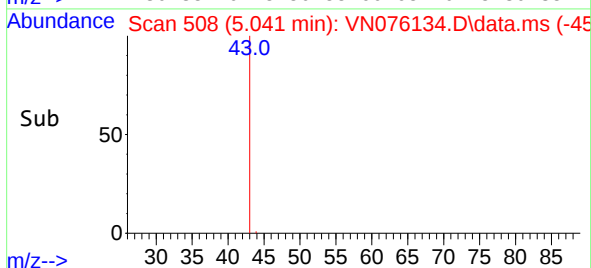
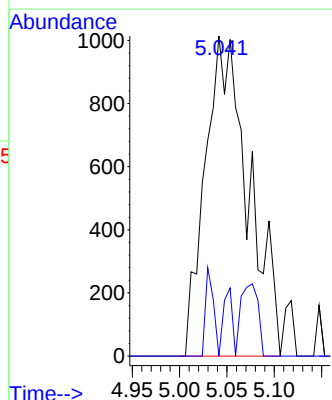
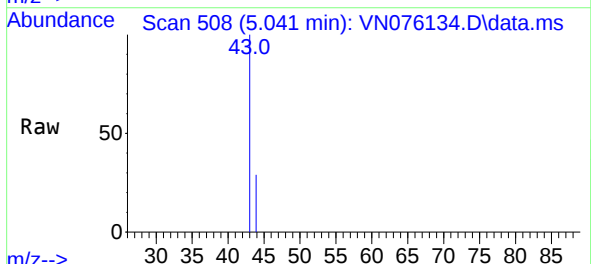
Instrument :
MSVOA_N
ClientSampleId :
TP-203

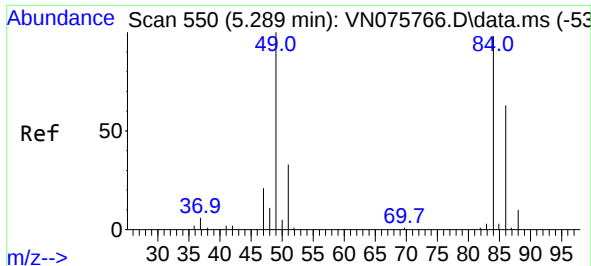
Tgt Ion: 43 Resp: 38098
Ion Ratio Lower Upper
43 100
58 32.0 28.6 43.0



#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
74 4.3 23.6 35.4#

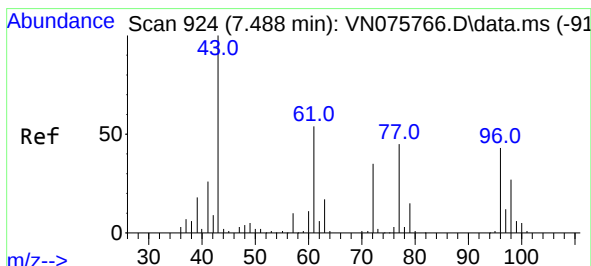
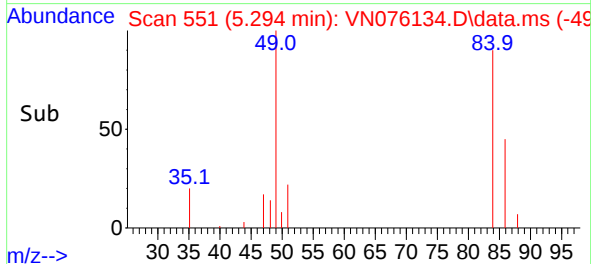
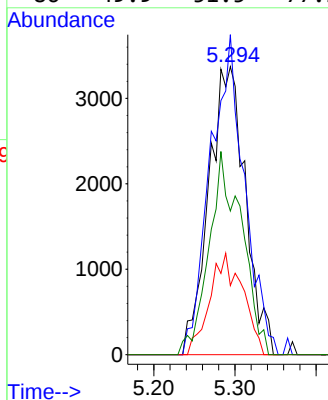
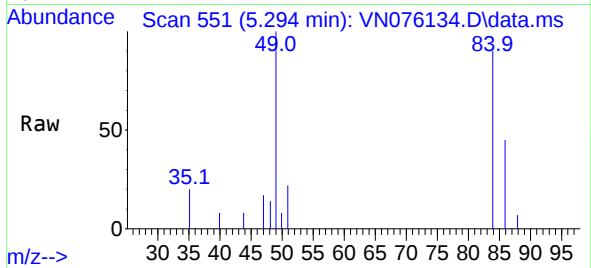




#20
Methylene Chloride
Concen: 2.348 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

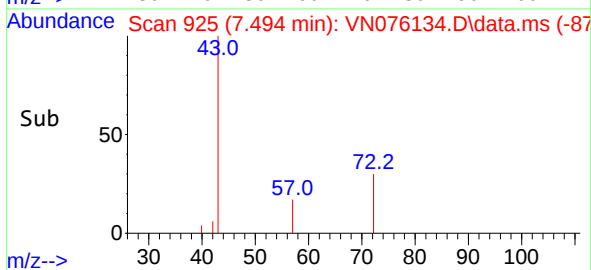
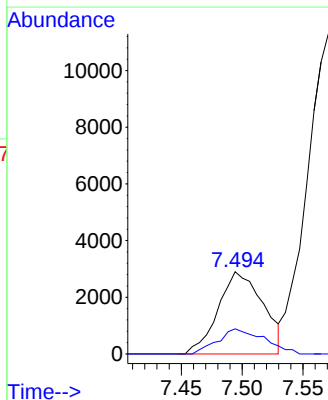
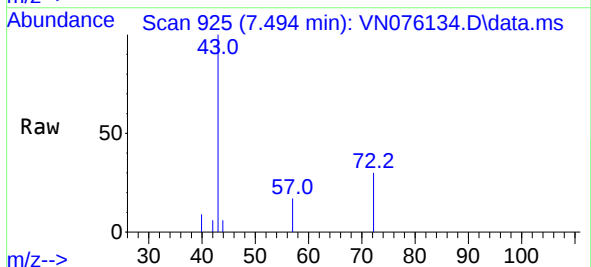
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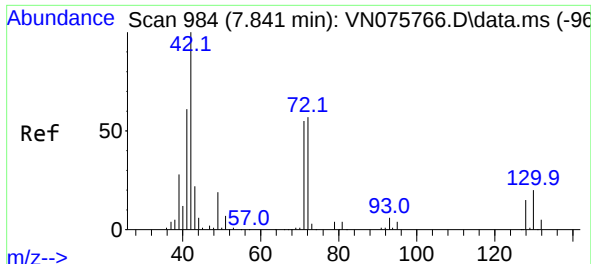
Tgt Ion: 84 Resp: 10576
Ion Ratio Lower Upper
84 100
49 111.1 81.8 122.6
51 24.0 26.7 40.1#
86 49.9 51.5 77.3#



#25
2-Butanone
Concen: 3.979 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 43 Resp: 7444
Ion Ratio Lower Upper
43 100
72 30.5 28.0 42.0





#29

Tetrahydrofuran

Concen: 0.438 ug/l

RT: 7.853 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076134.D

Acq: 06 Jan 2023 15:24

Instrument :

MSVOA_N

ClientSampleId :

TP-203

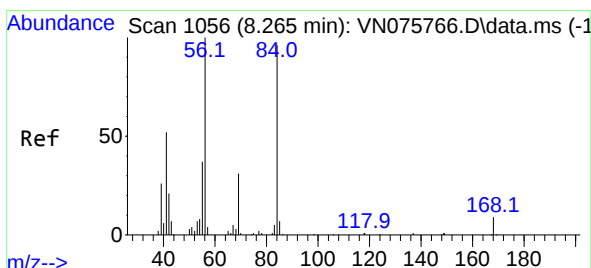
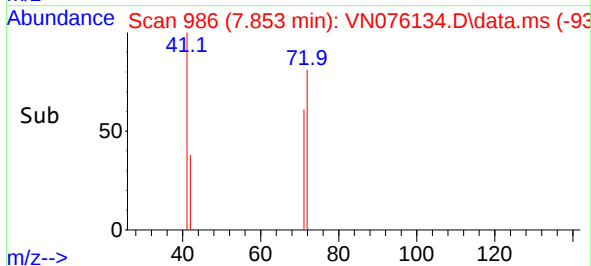
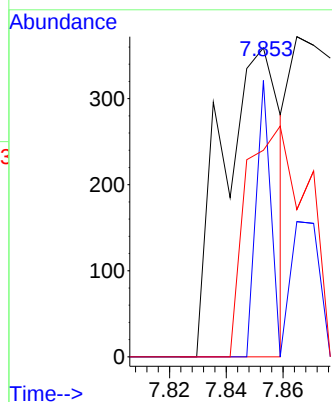
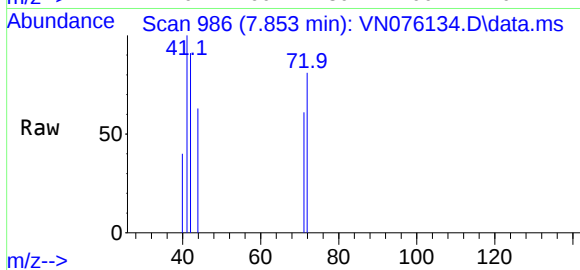
Tgt Ion: 42 Resp: 514

Ion Ratio Lower Upper

42 100

72 43.4 44.5 66.7#

71 77.2 41.0 61.6#



#31

Cyclohexane

Concen: 1.283 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076134.D

Acq: 06 Jan 2023 15:24

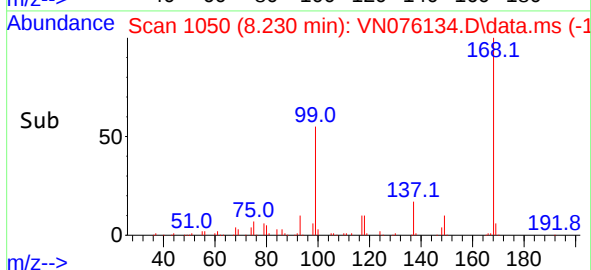
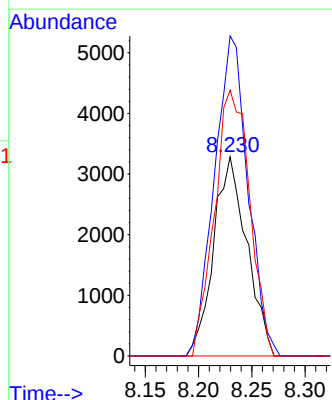
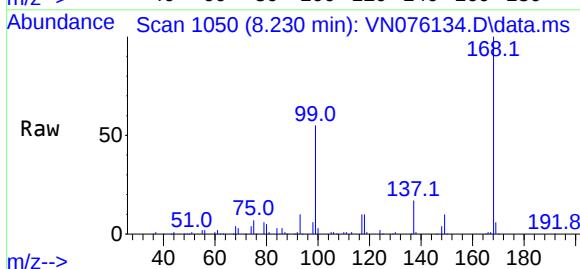
Tgt Ion: 56 Resp: 7121

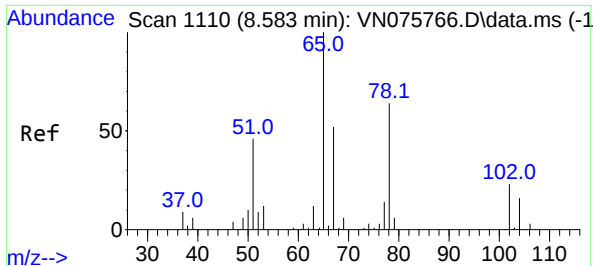
Ion Ratio Lower Upper

56 100

69 160.8 24.7 37.1#

84 133.5 76.5 114.7#

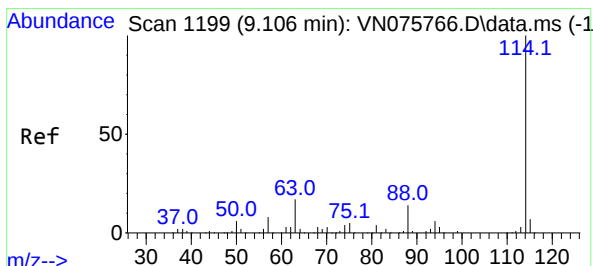
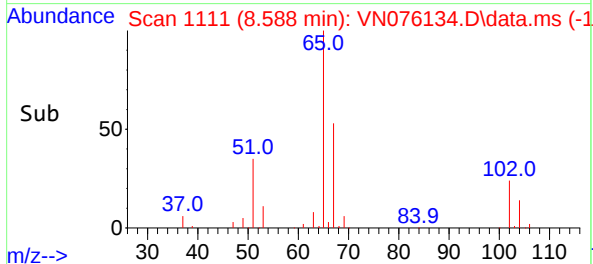
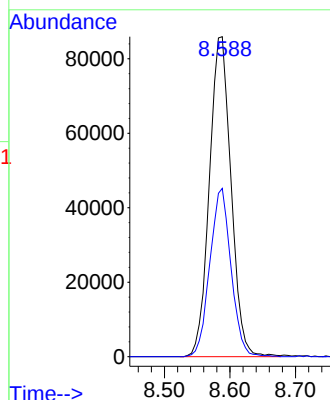
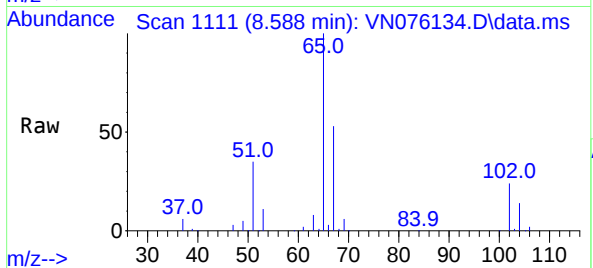




#33
1,2-Dichloroethane-d4
Concen: 50.849 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

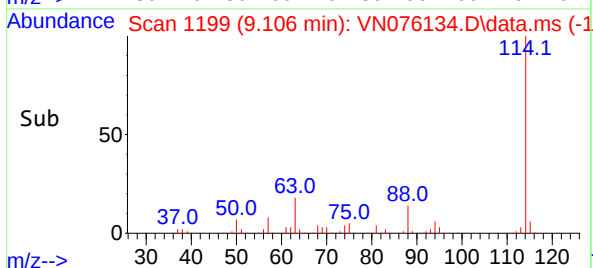
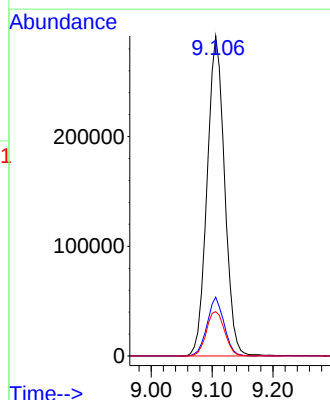
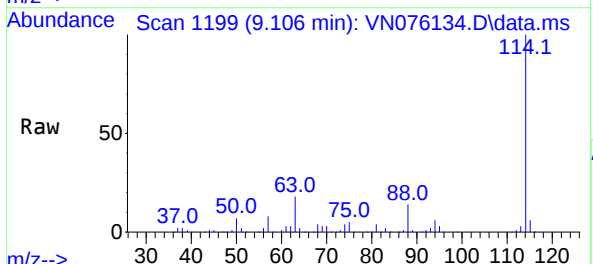
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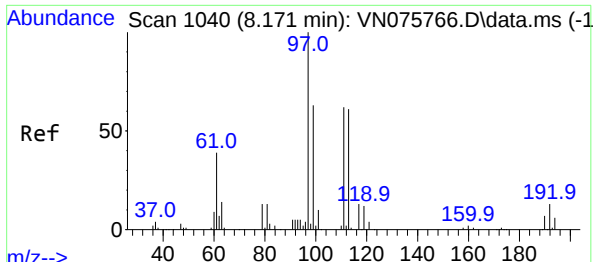
Tgt Ion: 65 Resp: 197099
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

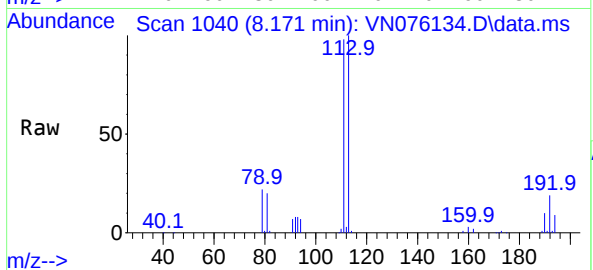
Tgt Ion: 114 Resp: 582785
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.4
88 13.8 0.0 28.8



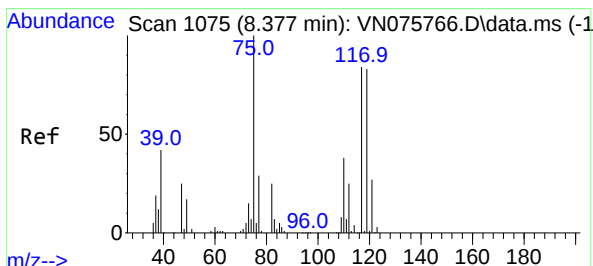
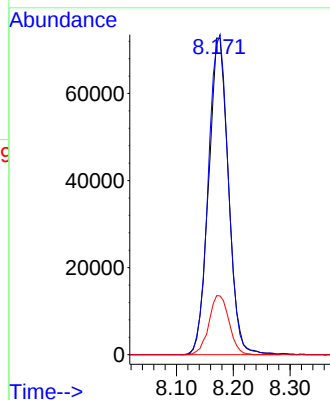
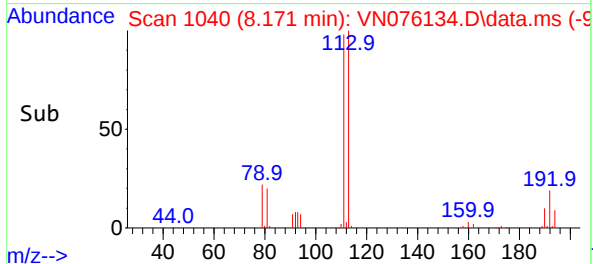


#35
Dibromofluoromethane
Concen: 48.730 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Instrument :
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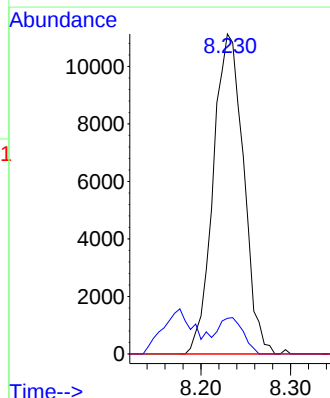
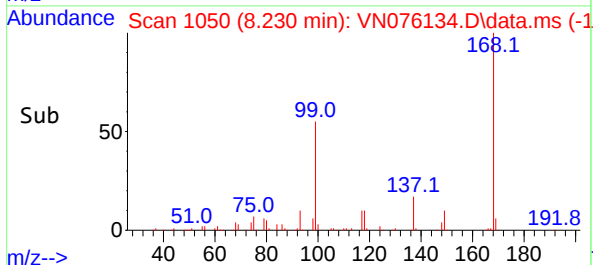
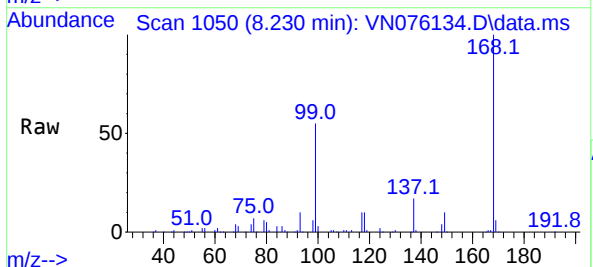


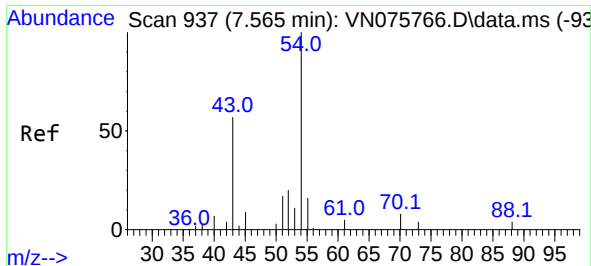
Tgt Ion:113 Resp: 175872
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 18.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.439 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 75 Resp: 26078
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 24.1 36.1#

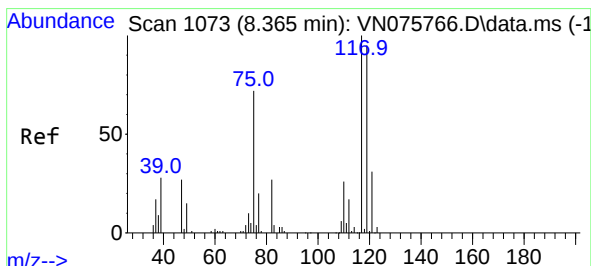
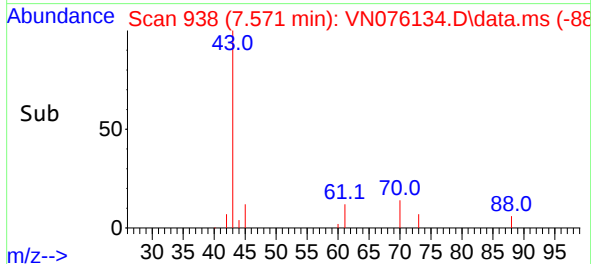
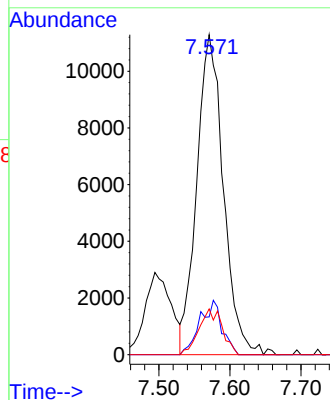
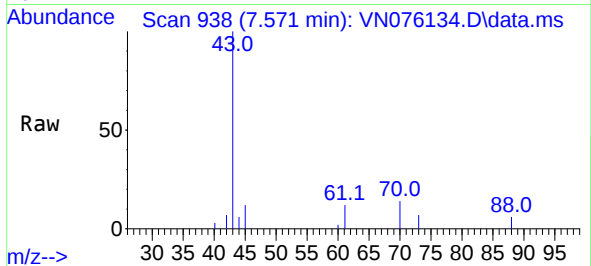




#37
Ethyl Acetate
Concen: 7.654 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

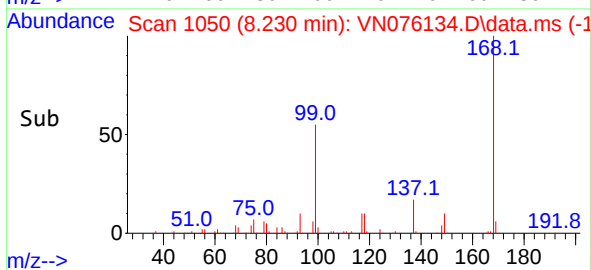
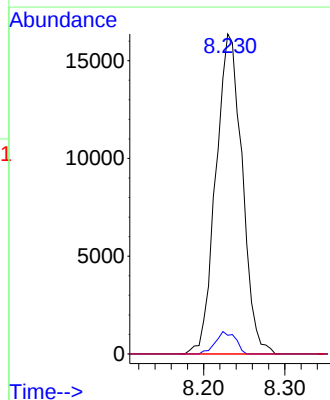
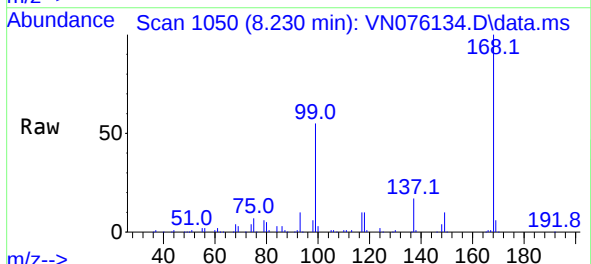
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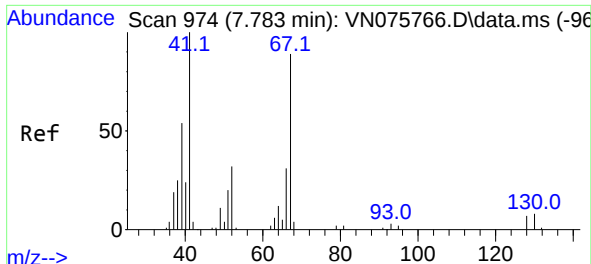
Tgt Ion:	43	Resp:	29476
Ion	Ratio	Lower	Upper
43	100		
61	14.0	13.0	19.4
70	12.5	9.4	14.0



#38
Carbon Tetrachloride
Concen: 6.865 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion:	117	Resp:	36839
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.1	114.1#
121	0.0	24.5	36.7#

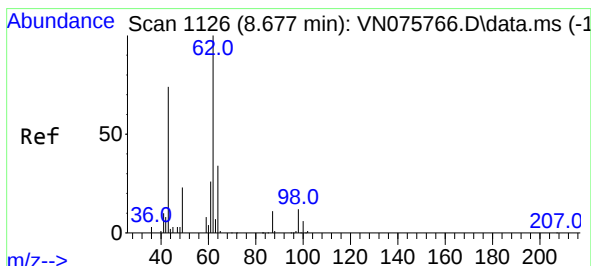
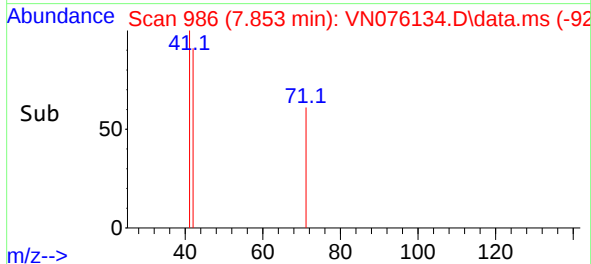
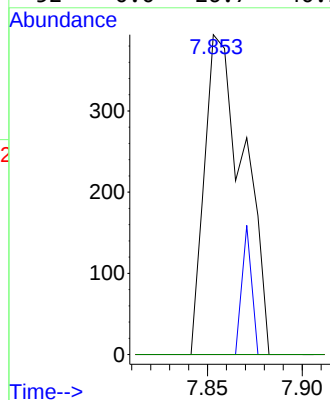
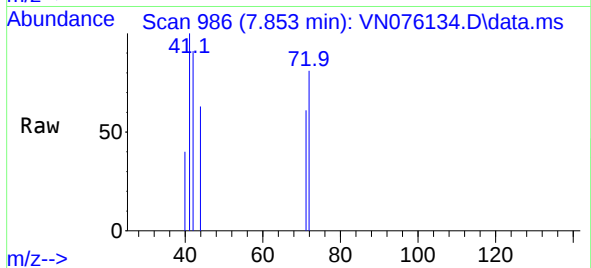




#41
Methacrylonitrile
Concen: 0.284 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.071 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

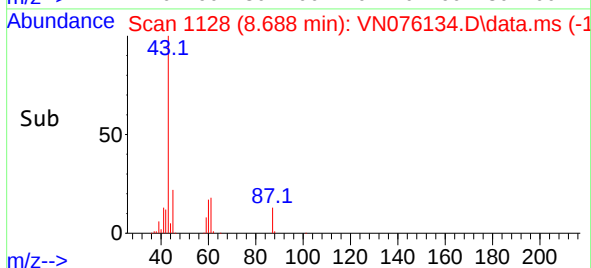
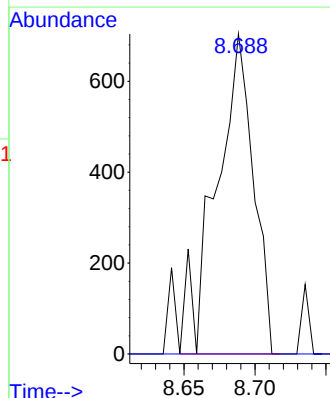
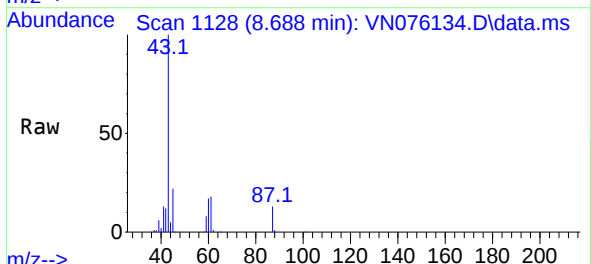
Instrument :
MSVOA_N
ClientSampleId :
TP-203

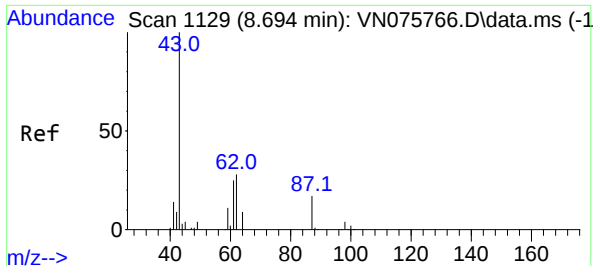
Tgt Ion: 41 Resp: 569
Ion Ratio Lower Upper
41 100
39 9.8 43.1 64.7#
67 0.0 70.7 106.1#
52 0.0 26.7 40.1#



#42
1,2-Dichloroethane
Concen: 0.264 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 62 Resp: 1297
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.8

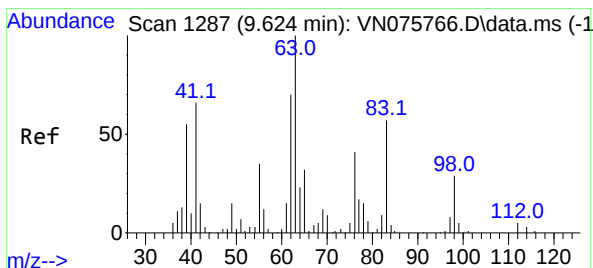
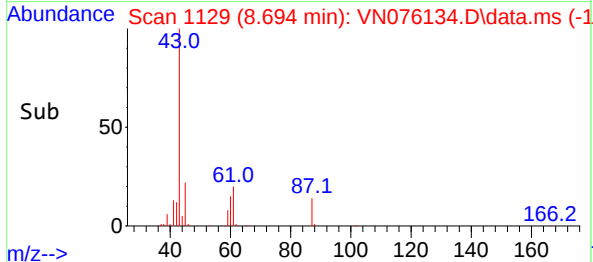
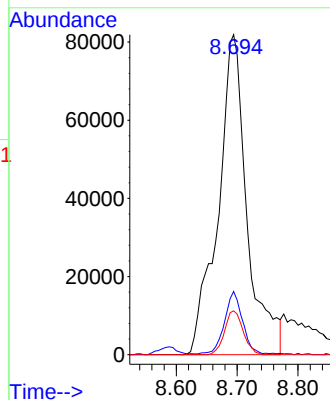
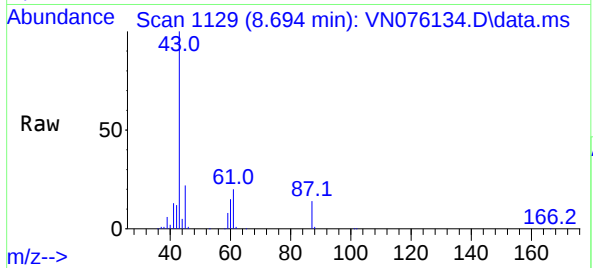




#43
Isopropyl Acetate
Concen: 42.609 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

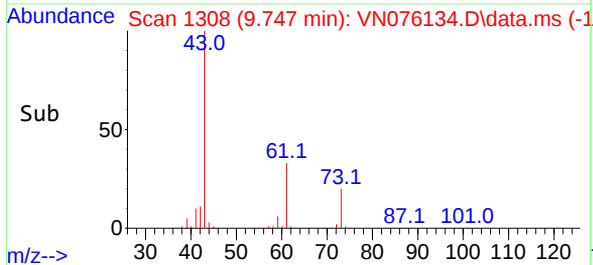
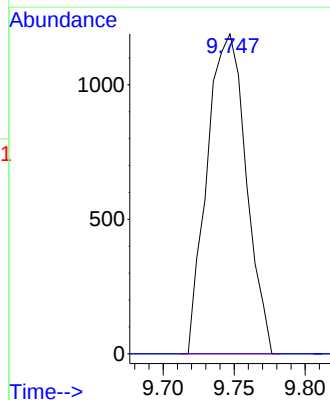
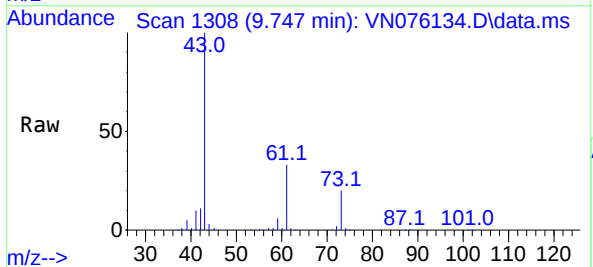
Instrument :
MSVOA_N
ClientSampleId :
TP-203

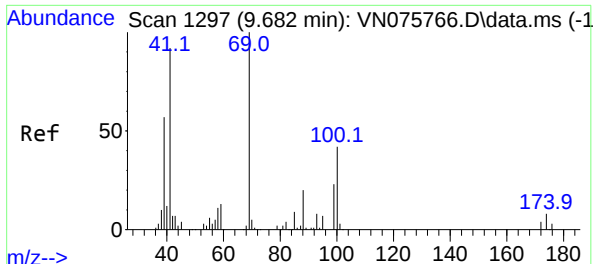
Tgt Ion: 43 Resp: 270676
Ion Ratio Lower Upper
43 100
61 12.1 24.2 36.4#
87 8.8 13.3 19.9#



#45
1,2-Dichloropropane
Concen: 0.631 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.123 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 63 Resp: 2271
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#





#48

Methyl methacrylate

Concen: 43.781 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.065 min

Lab File: VN076134.D

Acq: 06 Jan 2023 15:24

Instrument :

MSVOA_N

ClientSampleId :

TP-203

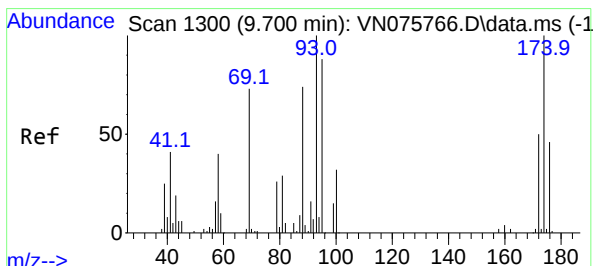
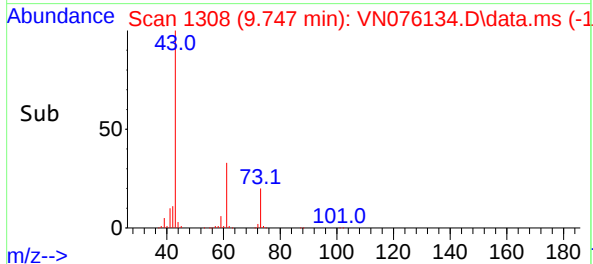
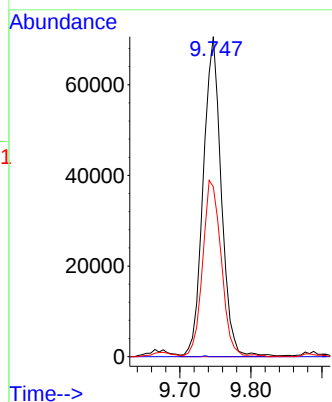
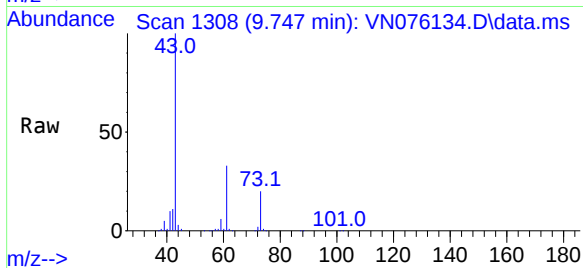
Tgt Ion: 41 Resp: 125264

Ion Ratio Lower Upper

41 100

69 0.1 81.9 122.9#

39 55.7 51.6 77.4



#49

1,4-Dioxane

Concen: 2.744 ug/l

RT: 9.741 min Scan# 1307

Delta R.T. 0.041 min

Lab File: VN076134.D

Acq: 06 Jan 2023 15:24

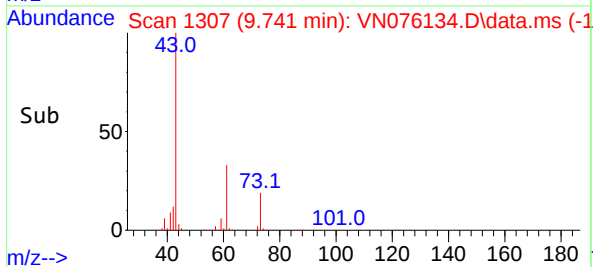
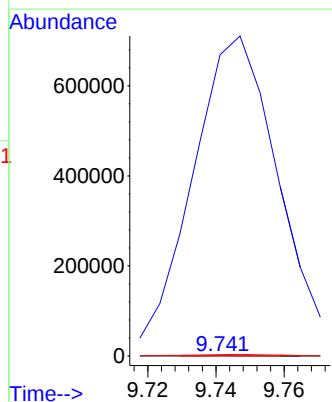
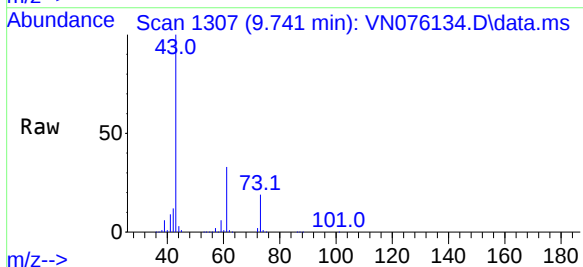
Tgt Ion: 88 Resp: 193

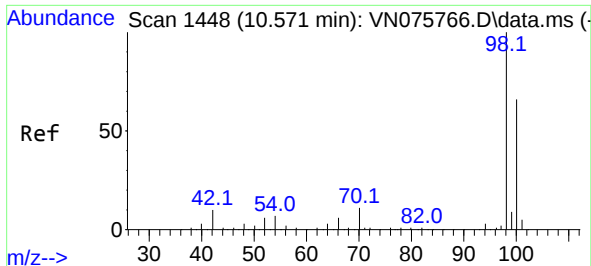
Ion Ratio Lower Upper

88 100

43 660745.6 17.1 25.7#

58 3171.5 47.8 71.8#

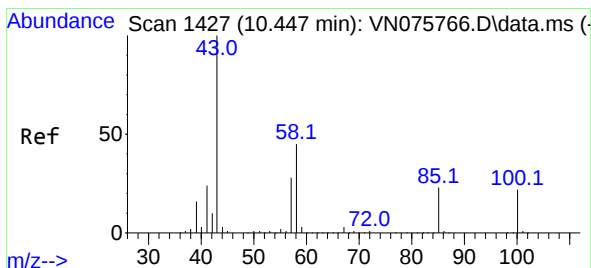
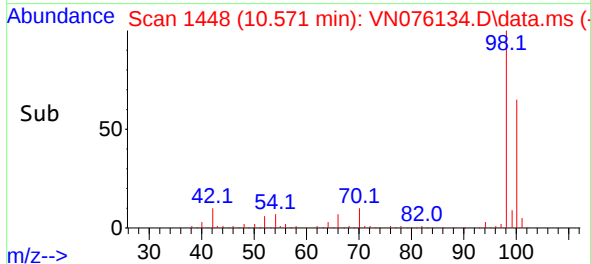
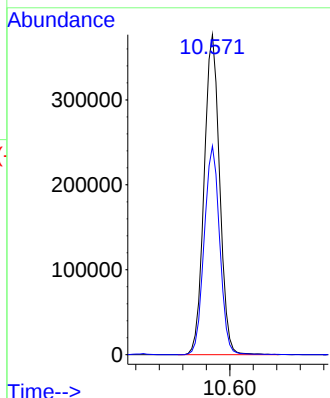
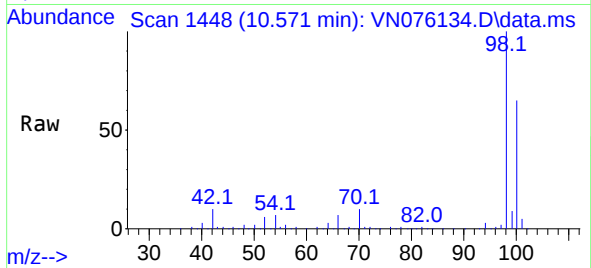




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

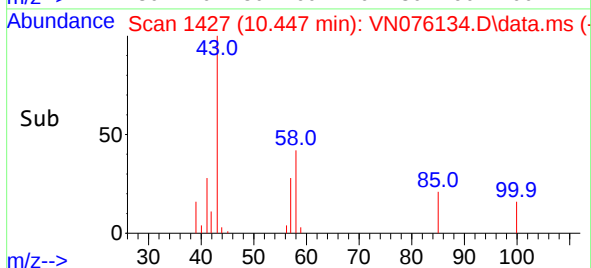
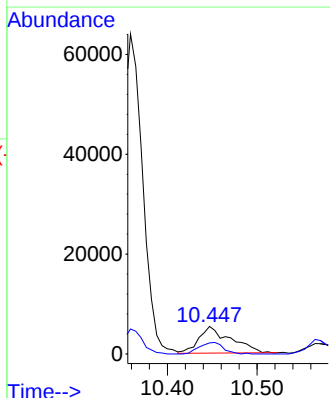
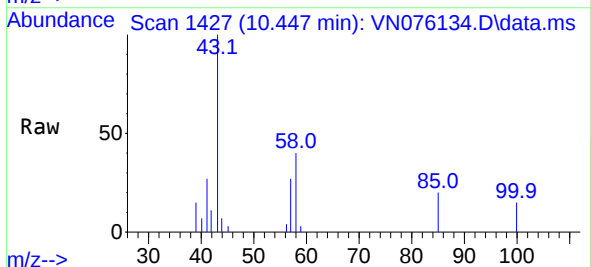
Instrument :
MSVOA_N
ClientSampleId :
TP-203

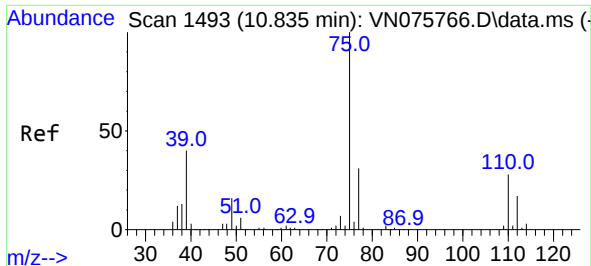
Tgt Ion: 98 Resp: 687411
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 3.411 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 43 Resp: 13105
Ion Ratio Lower Upper
43 100
58 32.7 35.5 53.3#

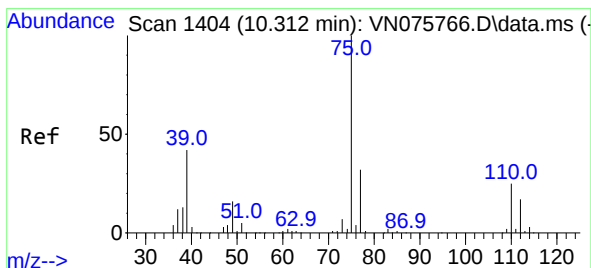
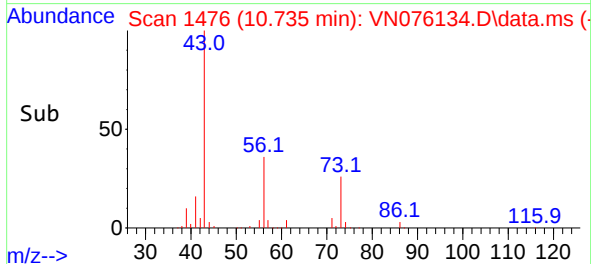
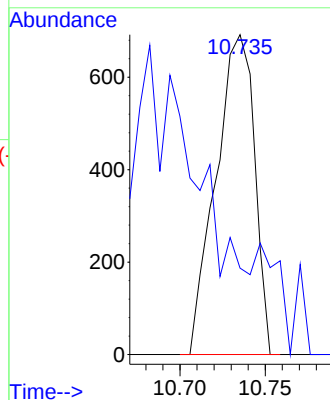
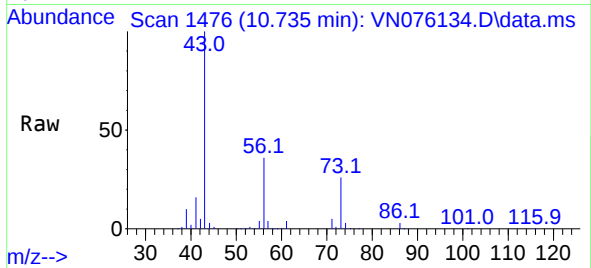




#53
t-1,3-Dichloropropene
Concen: 0.213 ug/l
RT: 10.735 min Scan# 1412
Delta R.T. -0.100 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

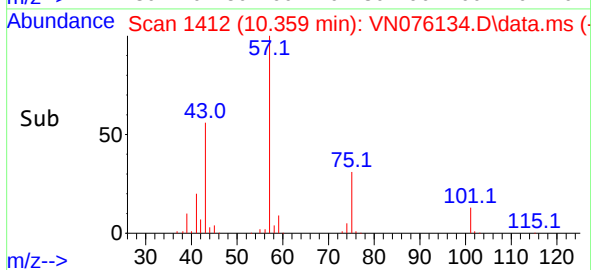
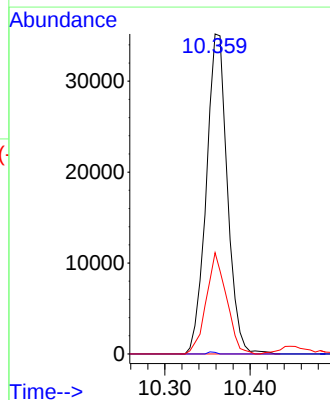
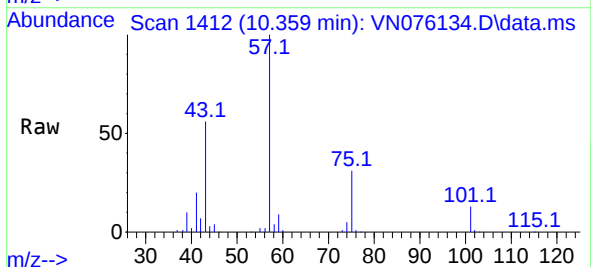
Instrument :
MSVOA_N
ClientSampleId :
TP-203

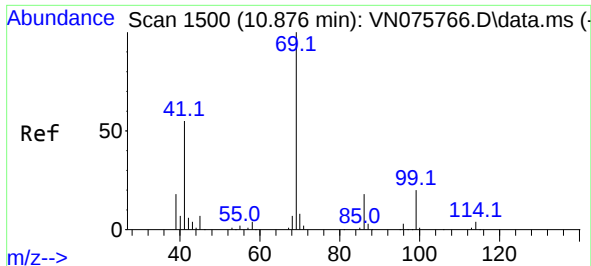
Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 10.749 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.047 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 75 Resp: 60488
Ion Ratio Lower Upper
75 100
77 0.5 25.8 38.8#
39 31.6 33.4 50.2#

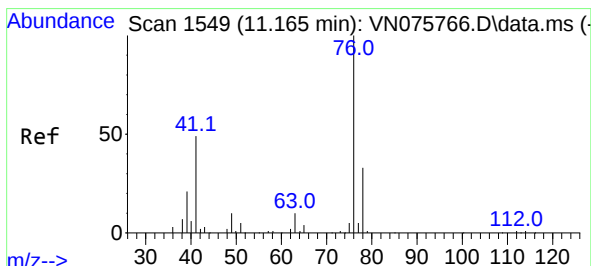
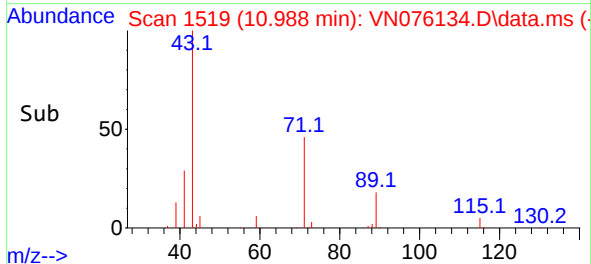
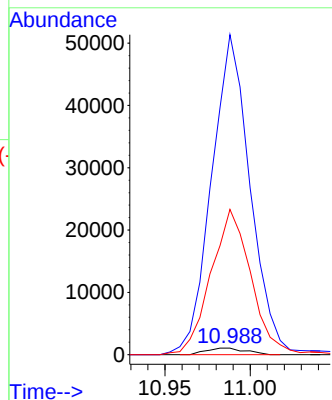
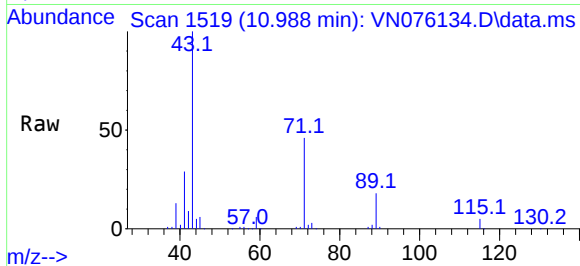




#56
Ethyl methacrylate
Concen: 0.340 ug/l
RT: 10.988 min Scan# 1519
Delta R.T. 0.112 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

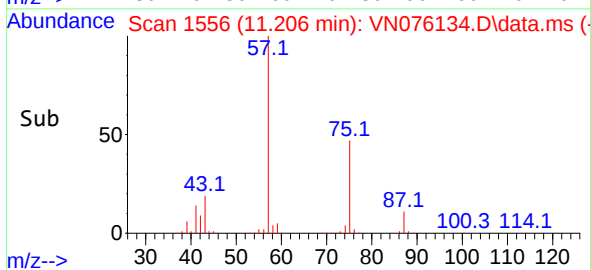
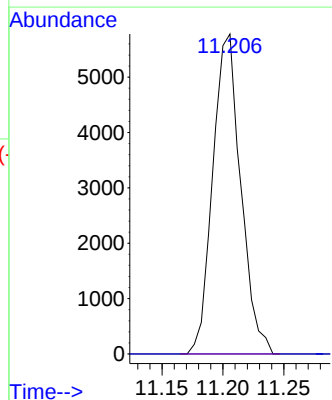
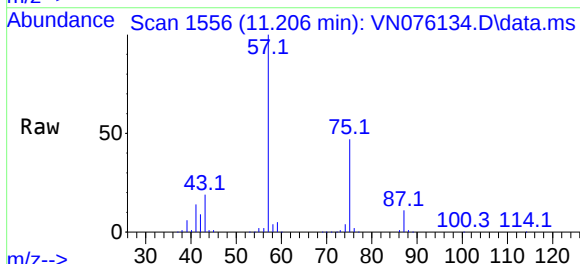
Instrument :
MSVOA_N
ClientSampleId :
TP-203

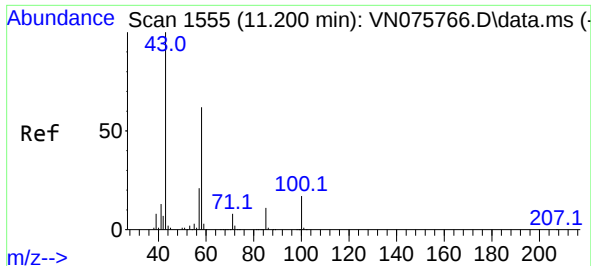
Tgt Ion: 69 Resp: 1710
Ion Ratio Lower Upper
69 100
41 4773.1 44.2 66.4#
39 2250.0 26.4 39.6#



#57
1,3-Dichloropropane
Concen: 1.490 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.041 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 76 Resp: 9242
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

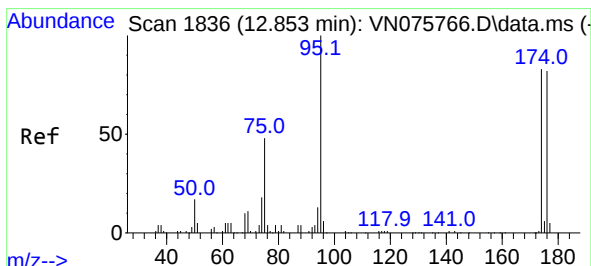
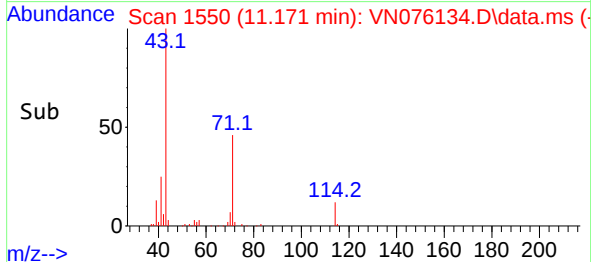
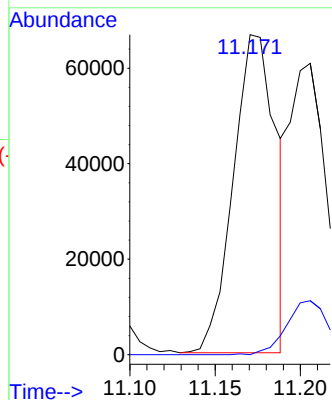
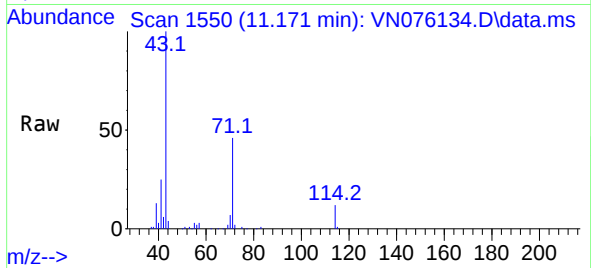




#59
2-Hexanone
Concen: 41.249 ug/l
RT: 11.171 min Scan# 115565
Delta R.T. -0.029 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

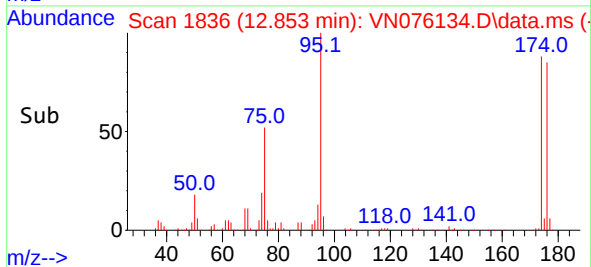
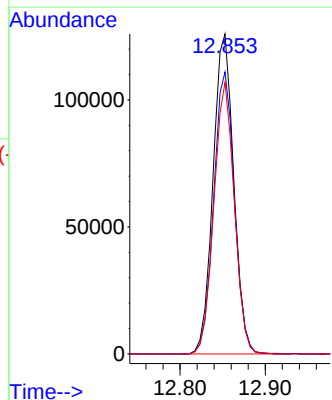
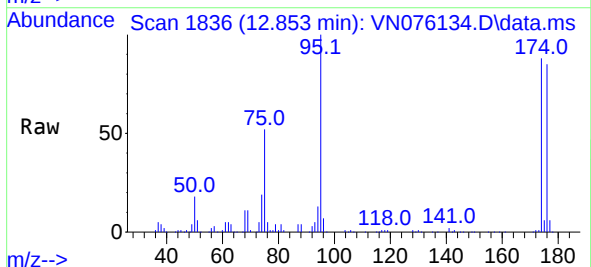
Instrument :
MSVOA_N
ClientSampleId :
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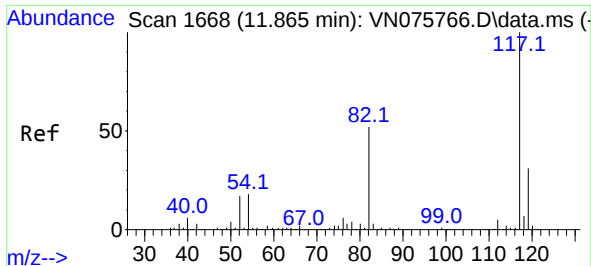
Tgt Ion: 43 Resp: 115565
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 95 Resp: 211626
Ion Ratio Lower Upper
95 100
174 88.6 0.0 171.6
176 83.8 0.0 169.2

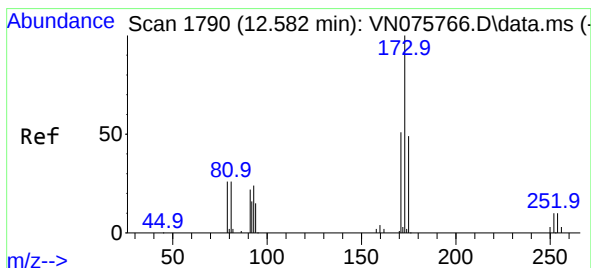
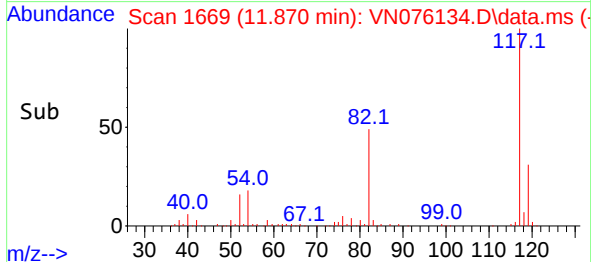
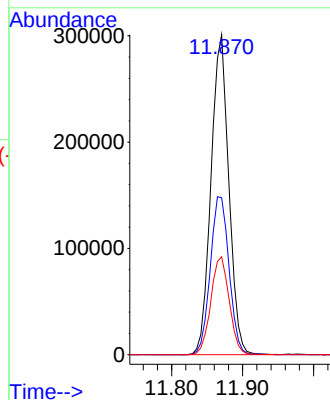
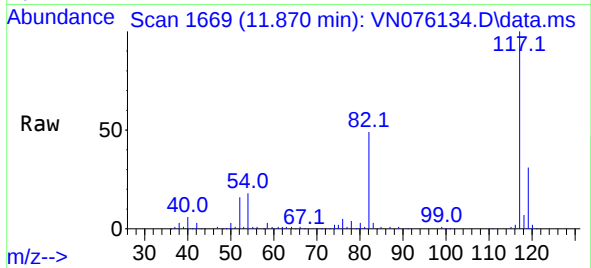




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

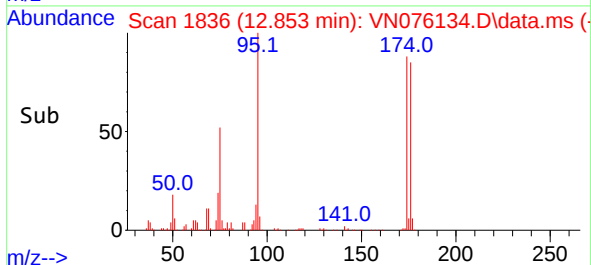
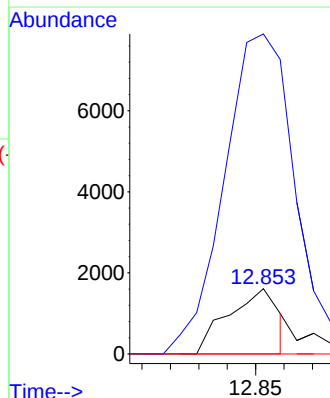
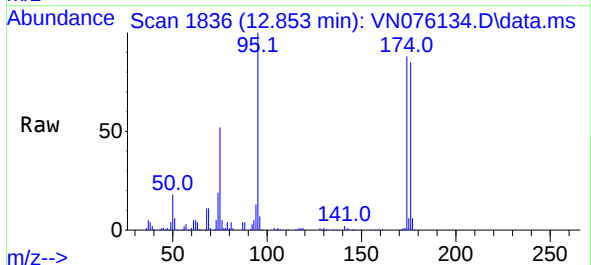
Instrument :
MSVOA_N
ClientSampleId :
TP-203

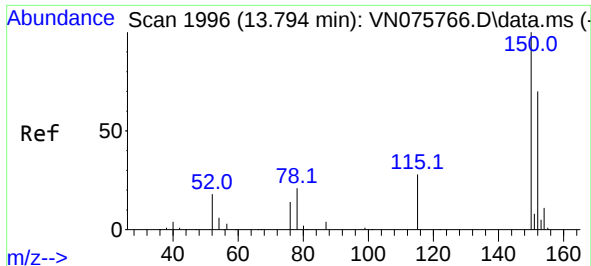
Tgt Ion:117 Resp: 523180
Ion Ratio Lower Upper
117 100
82 49.0 41.3 61.9
119 30.6 24.6 37.0



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion:173 Resp: 1991
Ion Ratio Lower Upper
173 100
175 571.0 24.3 72.8#
254 0.0 0.0 0.0

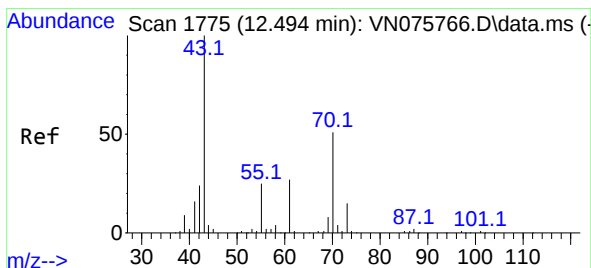
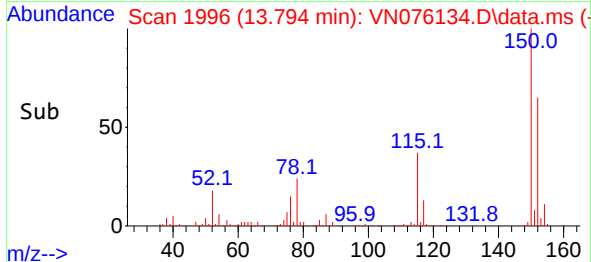
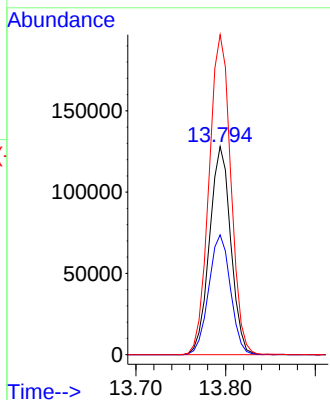
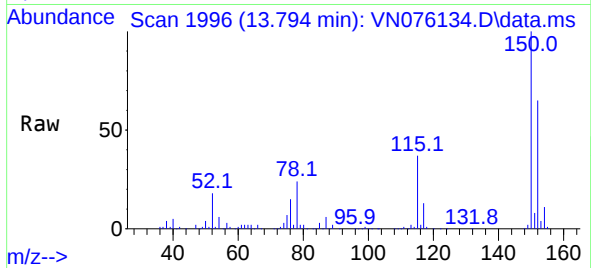




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

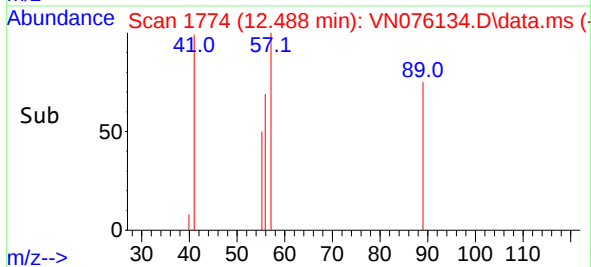
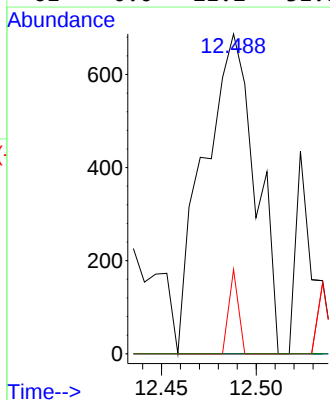
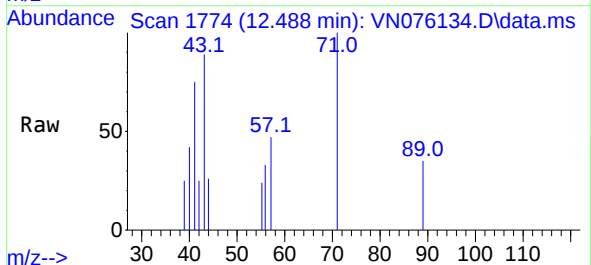
Instrument :
MSVOA_N
ClientSampleId :
TP-203

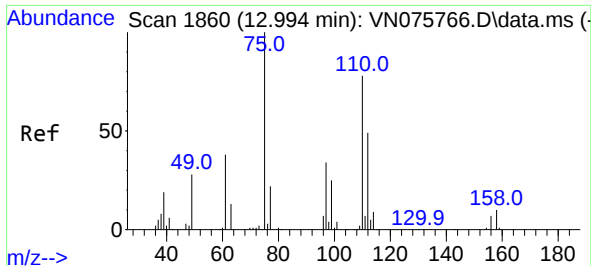
Tgt Ion:152 Resp: 210785
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 157.5 0.0 347.0



#74
N-ethyl acetate
Concen: 0.292 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.0#
55 4.9 21.3 31.9#
61 0.0 21.2 31.8#

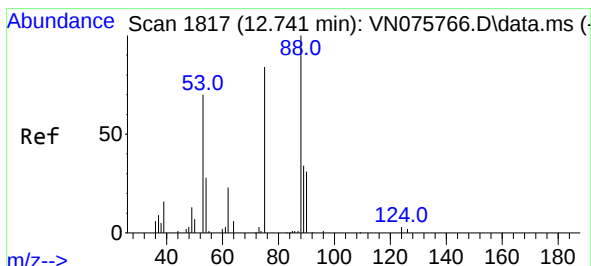
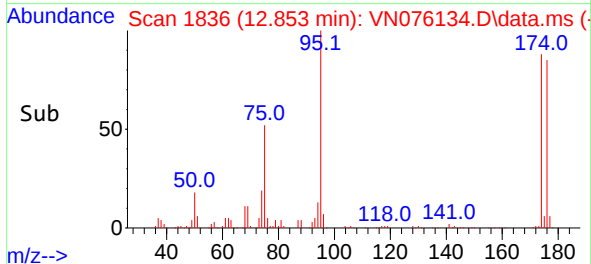
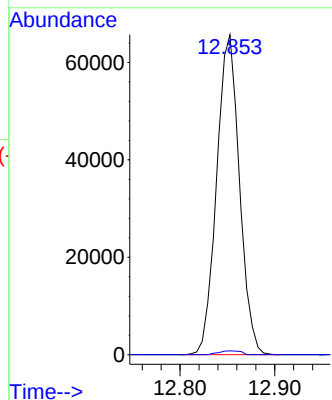
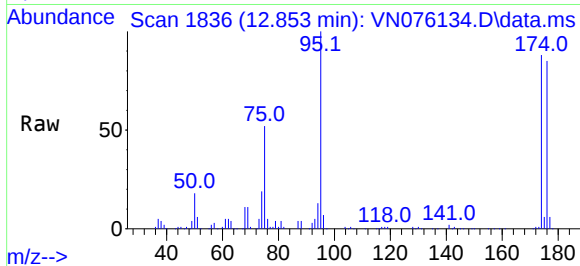




#76
1,2,3-Trichloropropane
Concen: 25.877 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

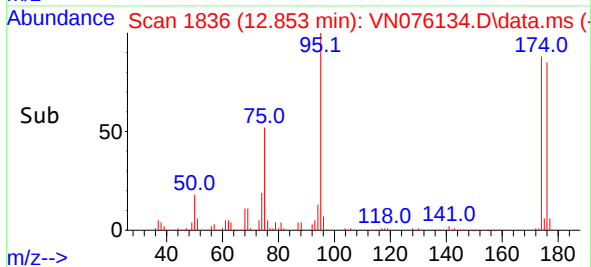
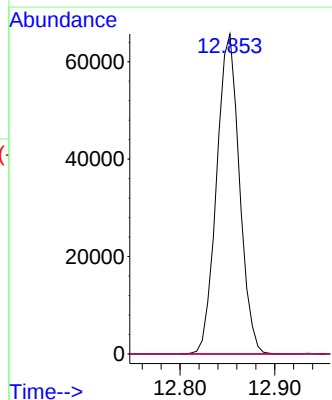
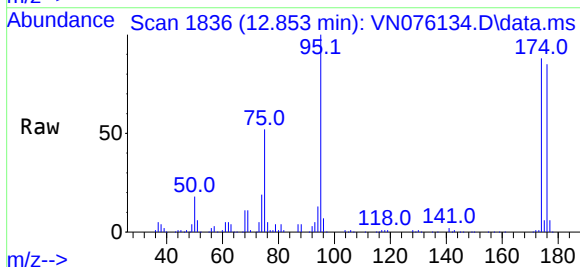
Instrument :
MSVOA_N
ClientSampleId :
TP-203

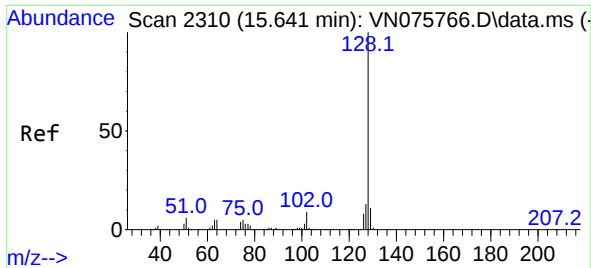
Tgt Ion: 75 Resp: 109947
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.142 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

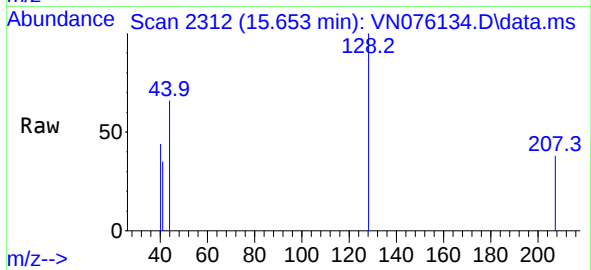
Tgt Ion: 75 Resp: 109947
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.250 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN076134.D
Acq: 06 Jan 2023 15:24

Instrument :
MSVOA_N
ClientSampleId :
TP-203



Tgt Ion:128 Resp: 872

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

