

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080091.D
 Acq On : 14 Nov 2023 16:02
 Operator : JC\MD
 Sample : 05386-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 03:57:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

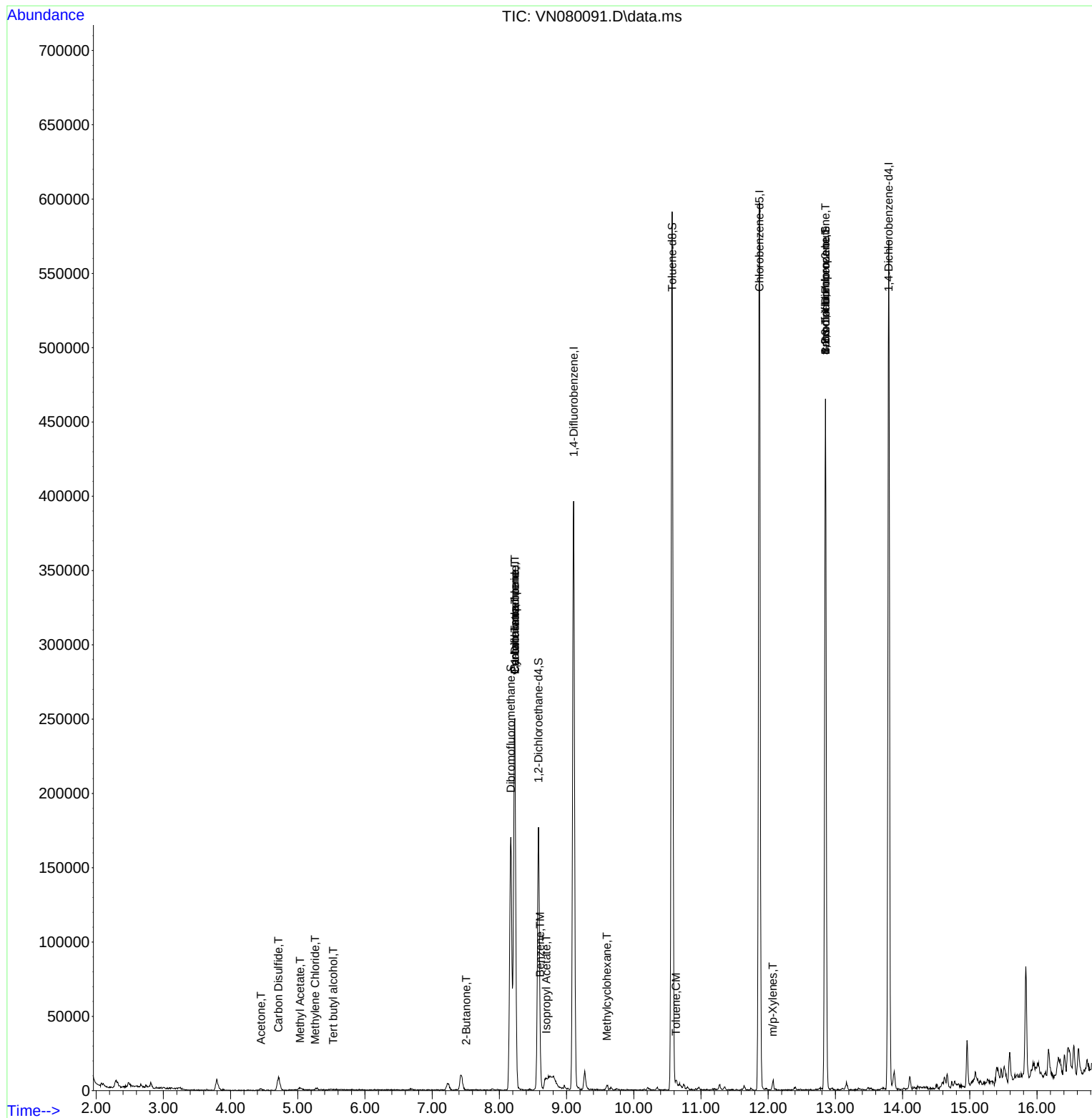
Internal Standards						
1) Pentafluorobenzene	8.230	168	171306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152918	58.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.180%	
35) Dibromofluoromethane	8.171	113	118624	51.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	10.571	98	409166	48.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.853	95	162285	57.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	362	Below Cal	#	42
11) Tert butyl alcohol	5.530	59	311	0.933	ug/l #	72
16) Acetone	4.453	43	1998	2.179	ug/l #	79
17) Carbon Disulfide	4.712	76	19387	3.645	ug/l	99
18) Methyl Acetate	5.036	43	2857	0.651	ug/l #	62
20) Methylene Chloride	5.259	84	554	0.239	ug/l #	18
25) 2-Butanone	7.506	43	339	0.253	ug/l #	37
31) Cyclohexane	8.230	56	4663	1.352	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	15065	4.566	ug/l #	49
38) Carbon Tetrachloride	8.230	117	20071	6.036	ug/l #	16
39) Methylcyclohexane	9.600	83	1319	0.425	ug/l	93
40) Benzene	8.606	78	2274	0.230	ug/l #	73
43) Isopropyl Acetate	8.700	43	6440	1.214	ug/l #	49
52) Toluene	10.629	92	2491	0.425	ug/l	99
68) m/p-Xylenes	12.070	106	1466	0.309	ug/l	84
71) Bromoform	12.853	173	1071	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	88031	25.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	88031	68.419	ug/l #	15

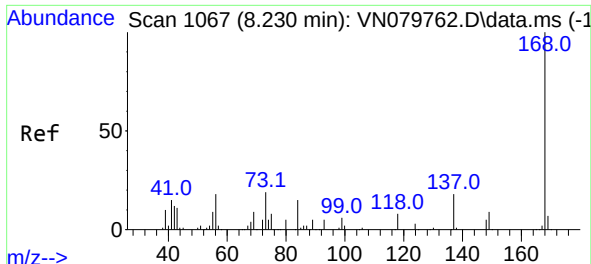
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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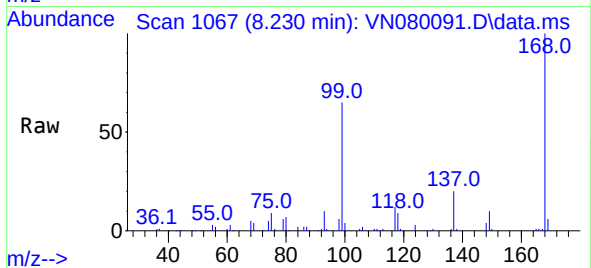
Quant Time: Nov 15 03:57:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



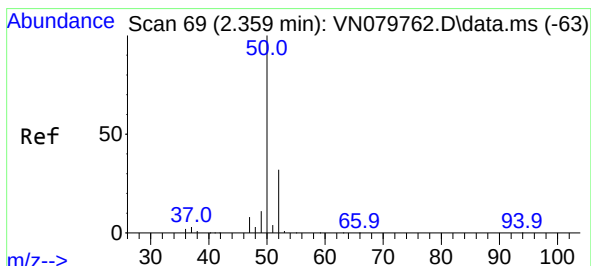
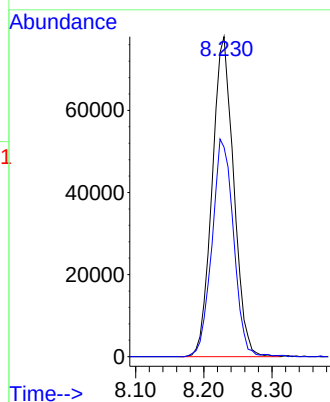
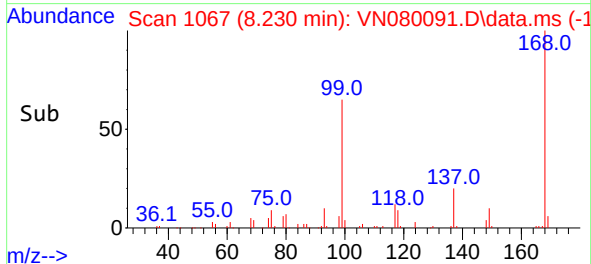


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

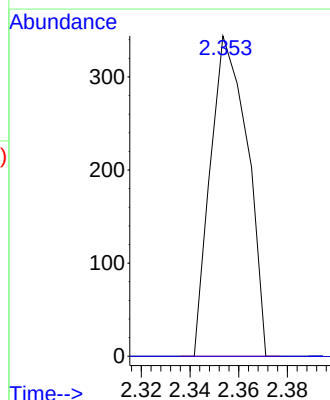
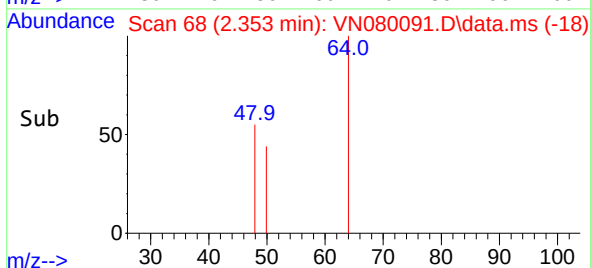
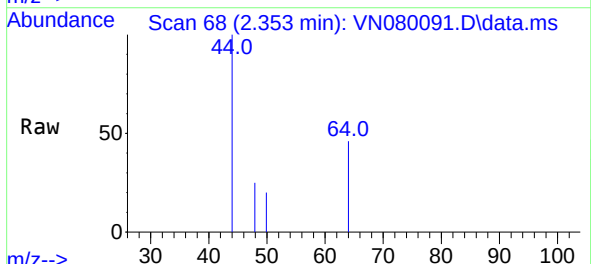


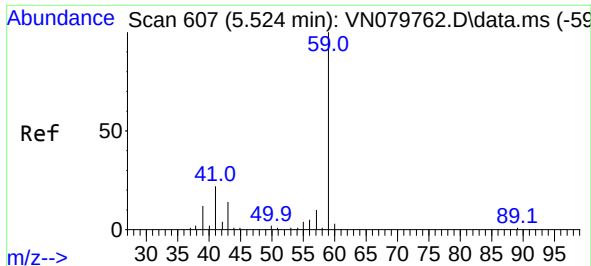
Tgt Ion:168 Resp: 171306
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

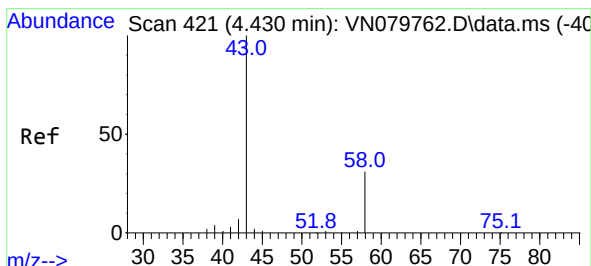
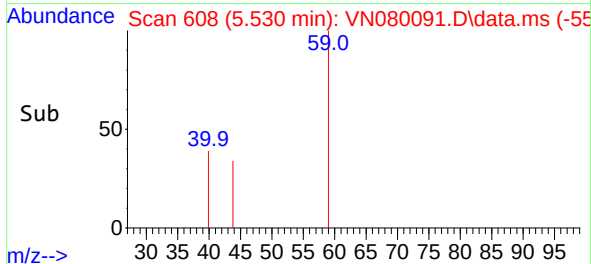
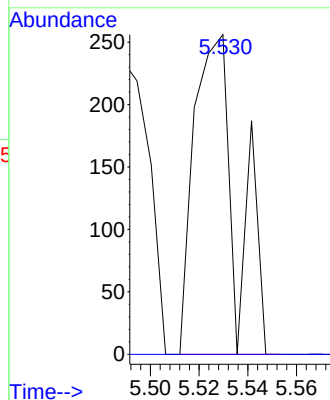
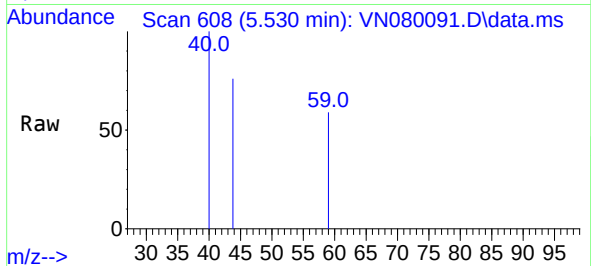




#11
Tert butyl alcohol
Concen: 0.933 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

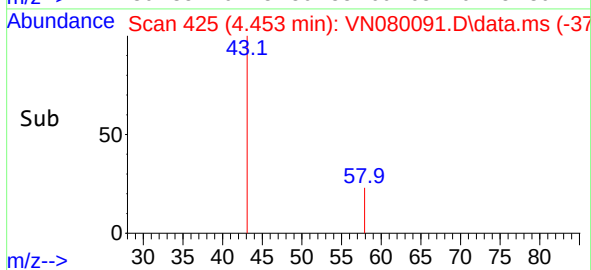
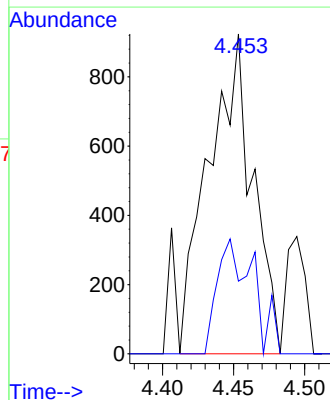
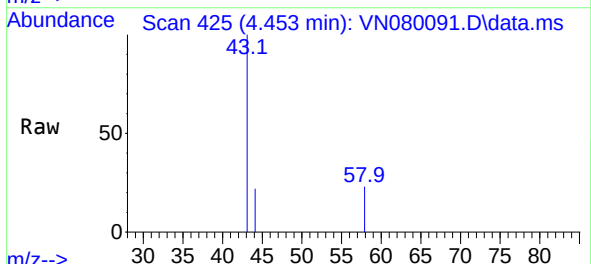
Instrument :
MSVOA_N
ClientSampleId :

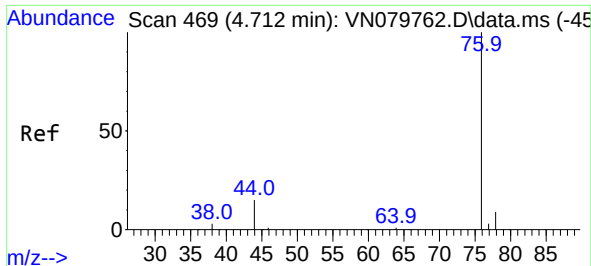
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.179 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

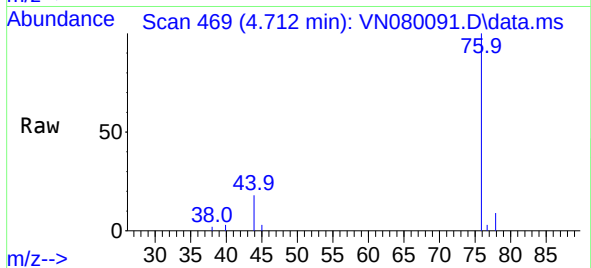
Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#



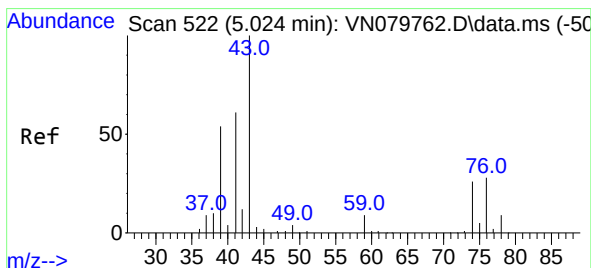
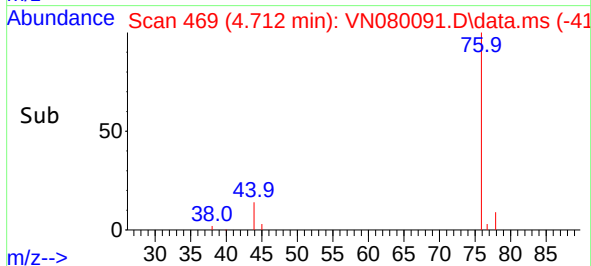
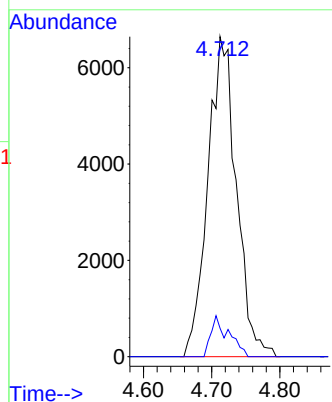


#17
Carbon Disulfide
Concen: 3.645 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

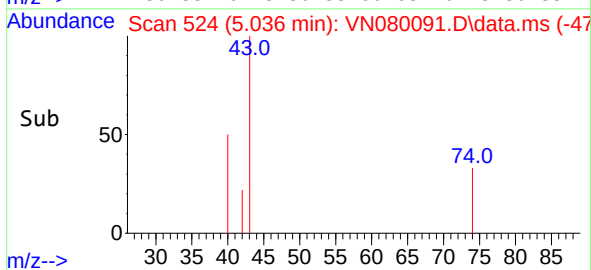
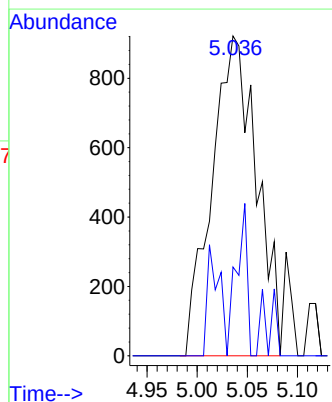
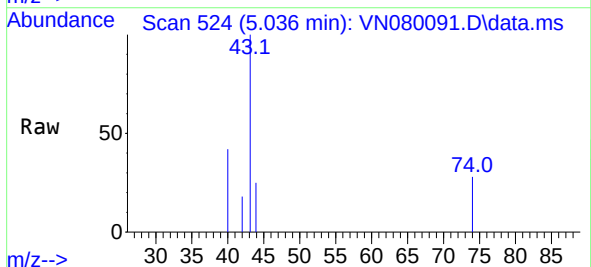


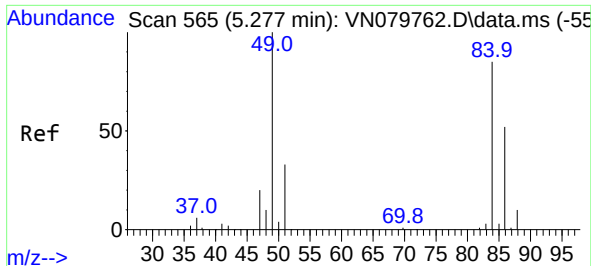
Tgt Ion: 76 Resp: 19387
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 0.651 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

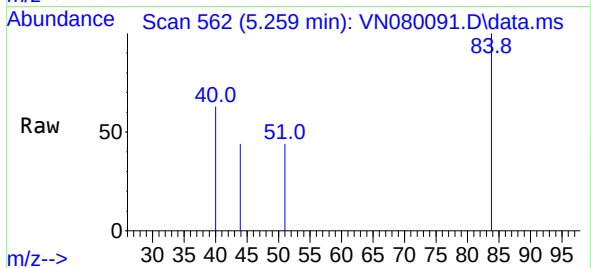
Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
74 11.4 26.2 39.4#



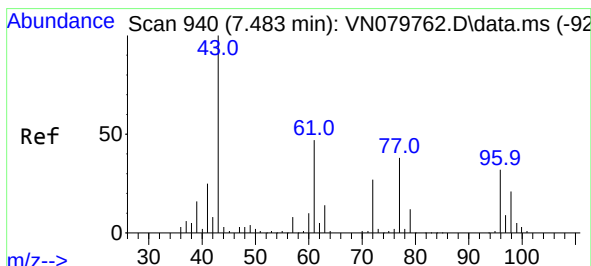
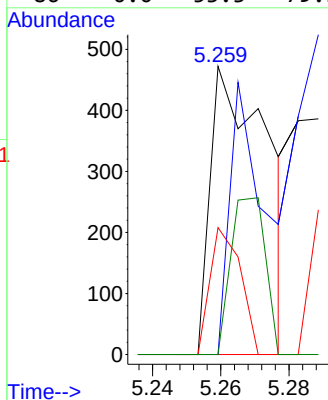
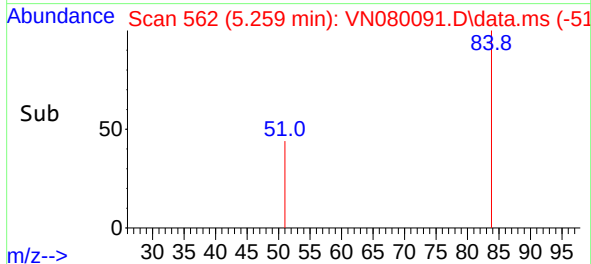


#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

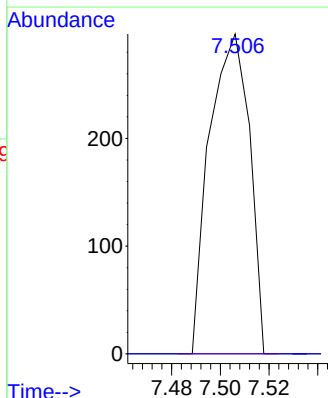
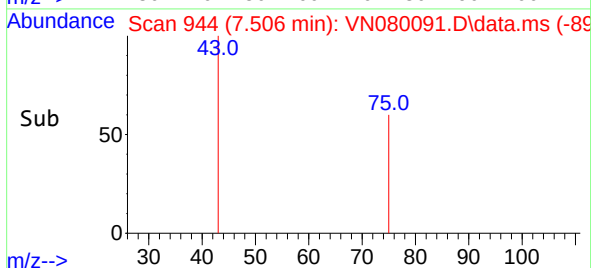
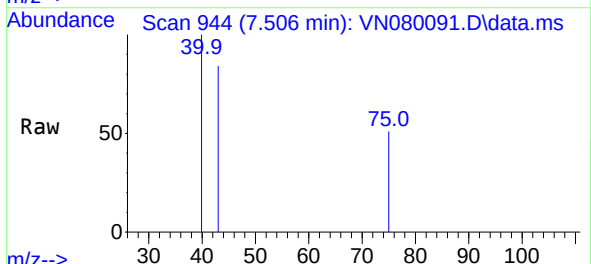


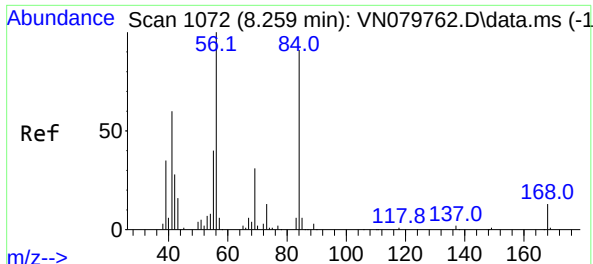
Tgt Ion: 84 Resp: 554
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 44.1 25.2 37.8#
86 0.0 53.3 79.9#



#25
2-Butanone
Concen: 0.253 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

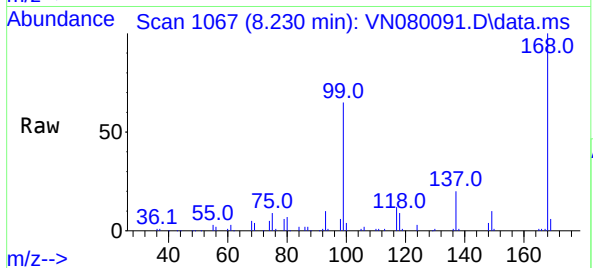
Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



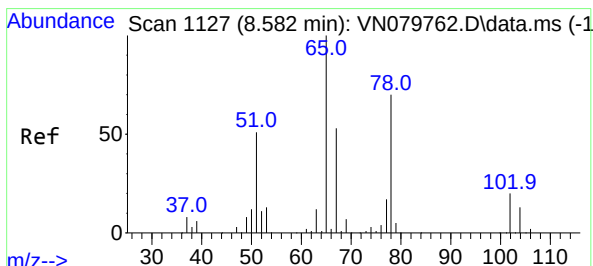
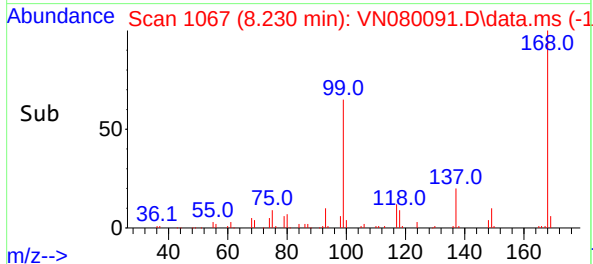
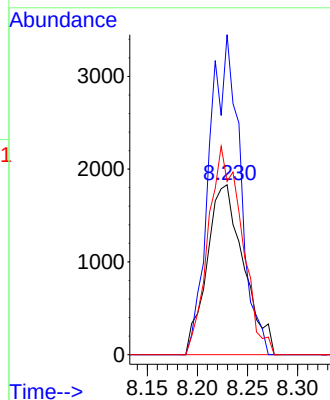


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

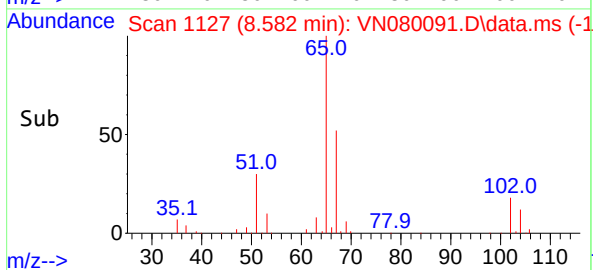
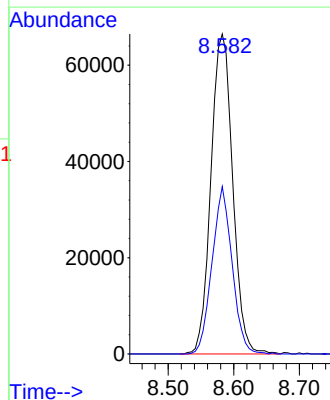
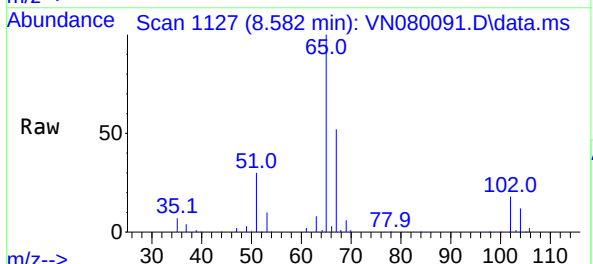


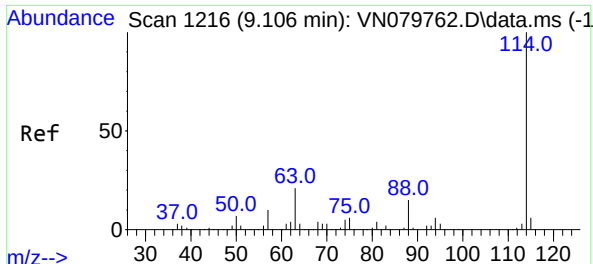
Tgt Ion: 56 Resp: 4663
Ion Ratio Lower Upper
56 100
69 188.3 26.8 40.2#
84 102.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.591 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 65 Resp: 152918
Ion Ratio Lower Upper
65 100
67 48.4 0.0 106.6

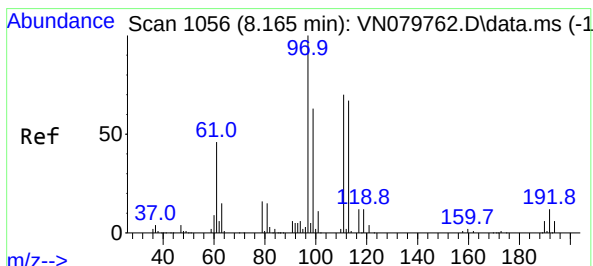
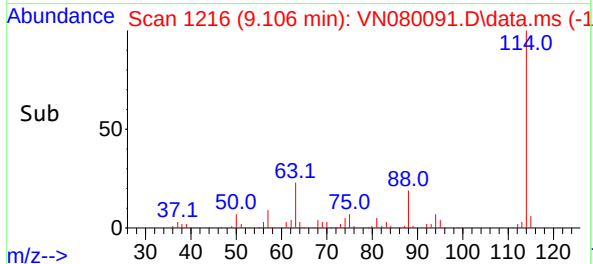
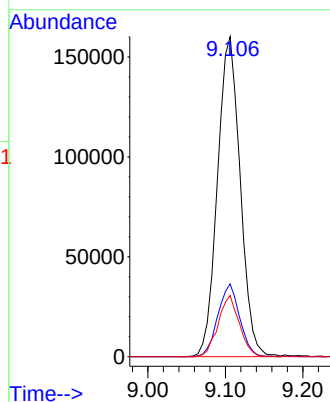
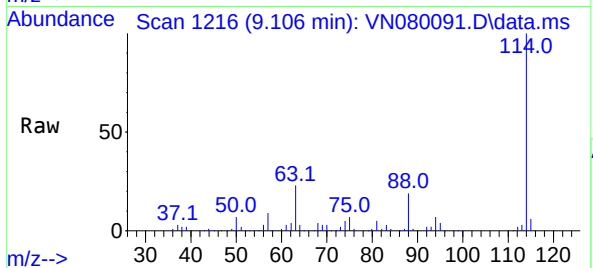




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

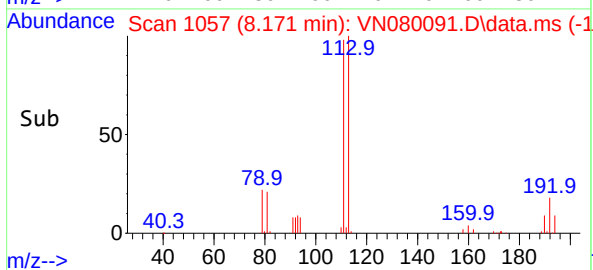
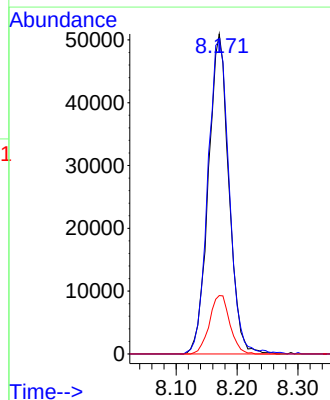
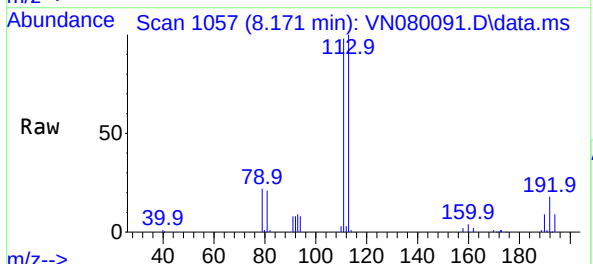
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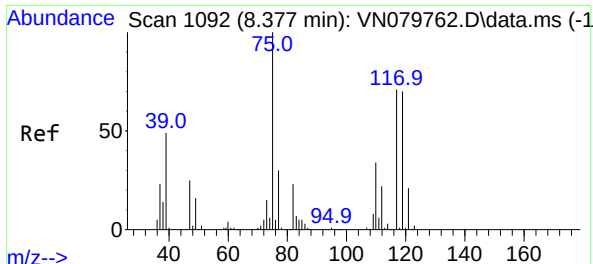
Tgt Ion:114 Resp: 326480
Ion Ratio Lower Upper
114 100
63 22.7 0.0 36.4
88 19.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

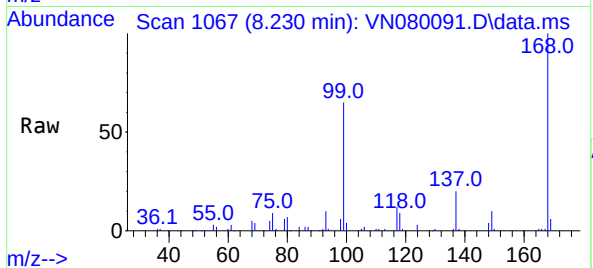
Tgt Ion:113 Resp: 118624
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.2 12.7 19.1



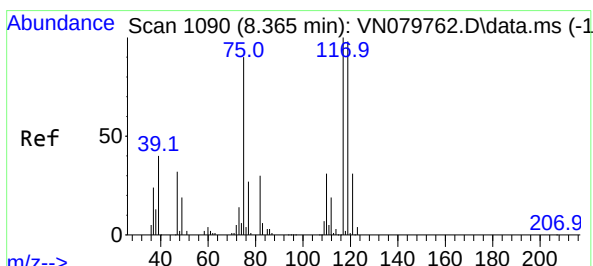
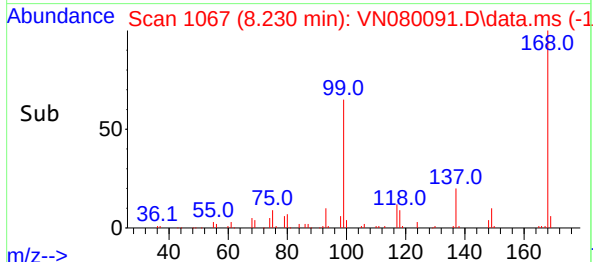
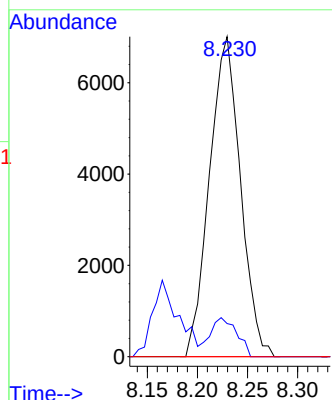


#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

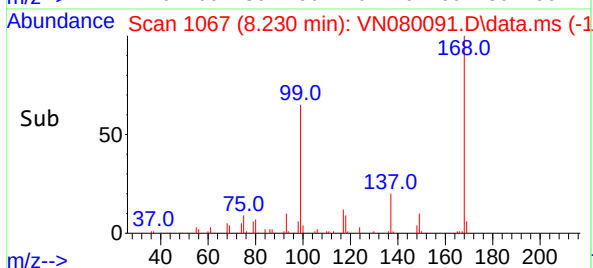
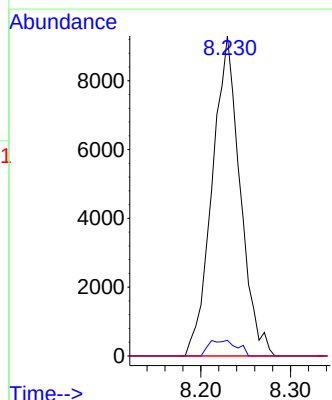
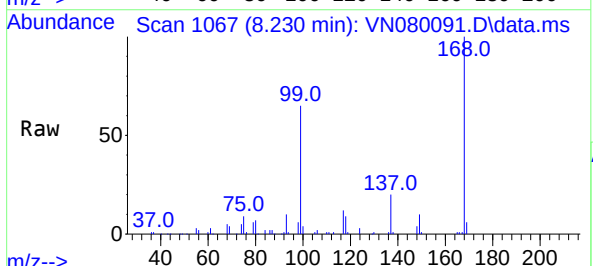


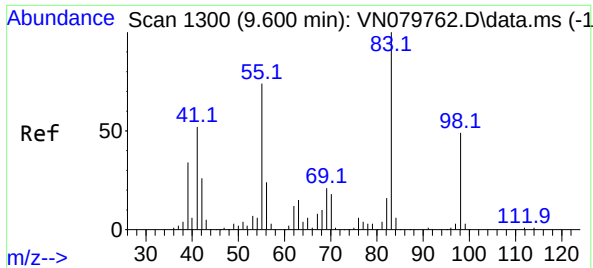
Tgt Ion: 75 Resp: 15065
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 117 Resp: 20071
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#

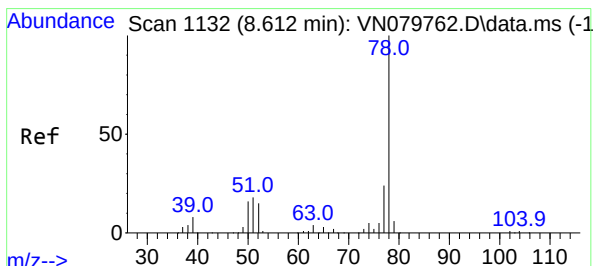
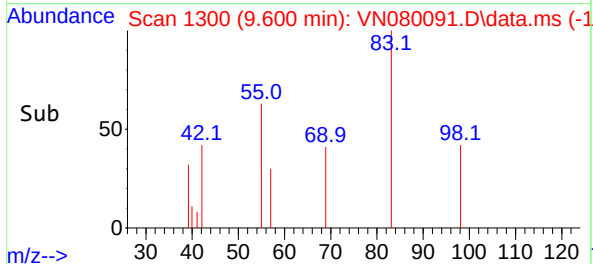
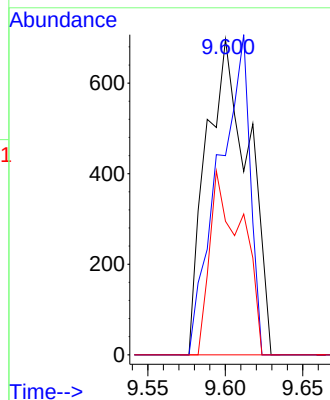
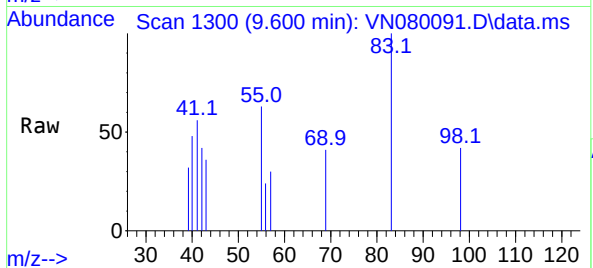




#39
Methylcyclohexane
Concen: 0.425 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

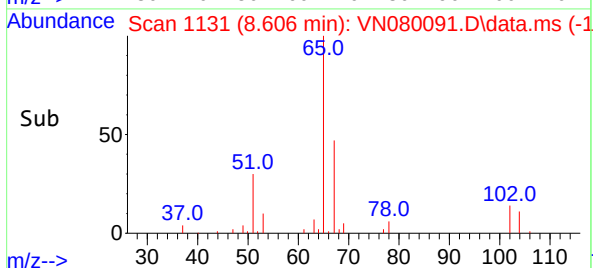
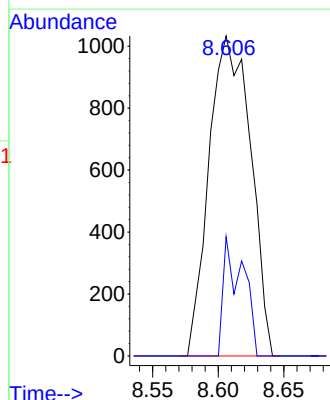
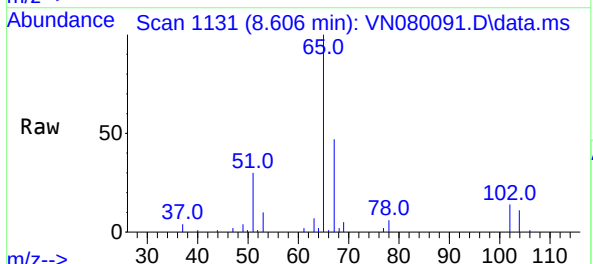
Instrument :
MSVOA_N
ClientSampleId :

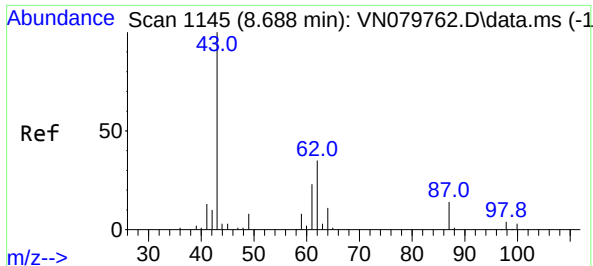
Tgt Ion: 83 Resp: 1319
Ion Ratio Lower Upper
83 100
55 63.1 49.1 73.7
98 42.3 40.6 61.0



#40
Benzene
Concen: 0.230 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 78 Resp: 2274
Ion Ratio Lower Upper
78 100
77 37.3 19.0 28.6#

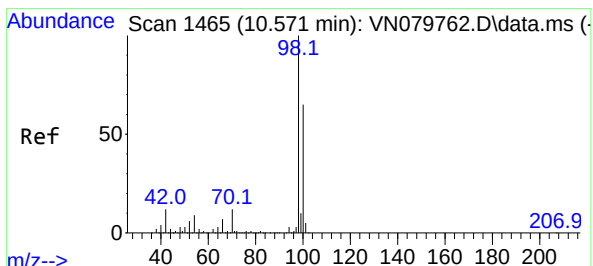
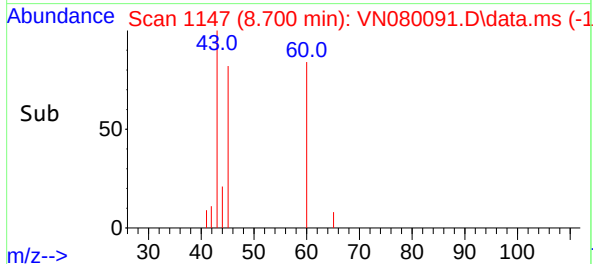
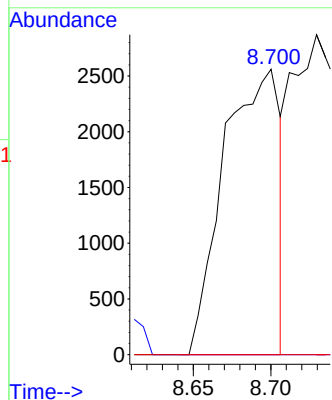
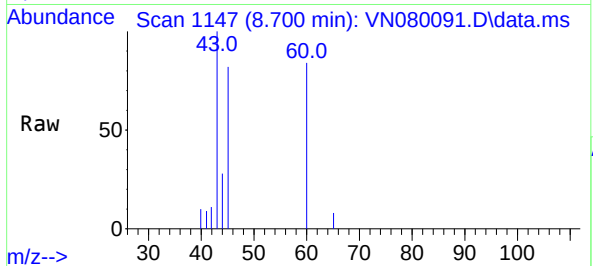




#43
Isopropyl Acetate
Concen: 1.214 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

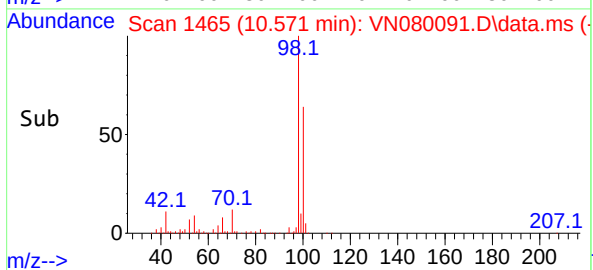
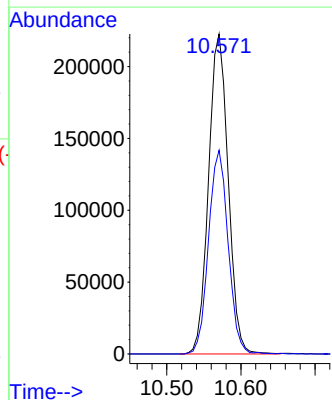
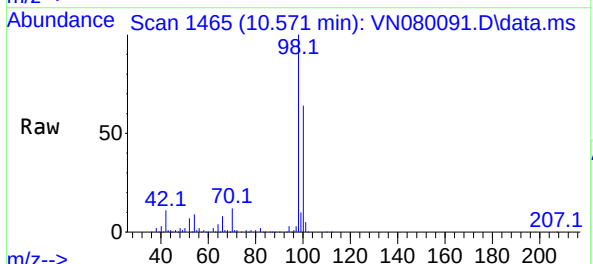
Instrument :
MSVOA_N
ClientSampleId :

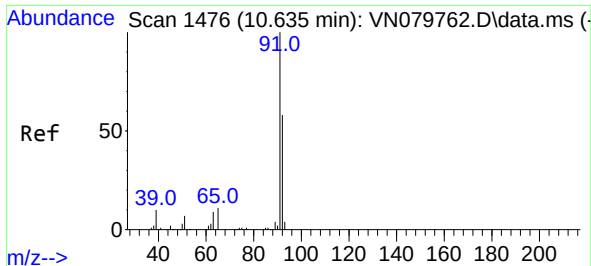
Tgt Ion: 43 Resp: 6440
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.100 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 98 Resp: 409166
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

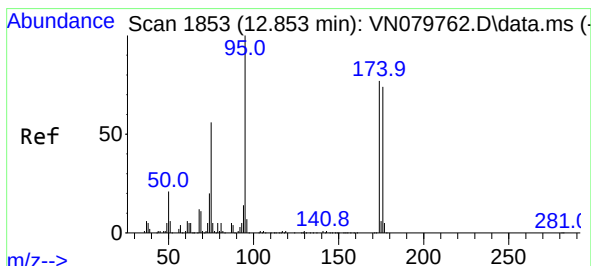
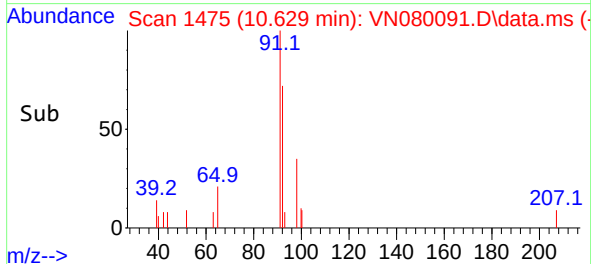
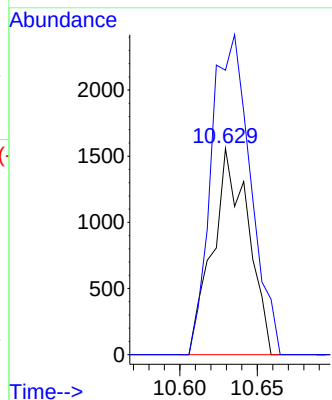
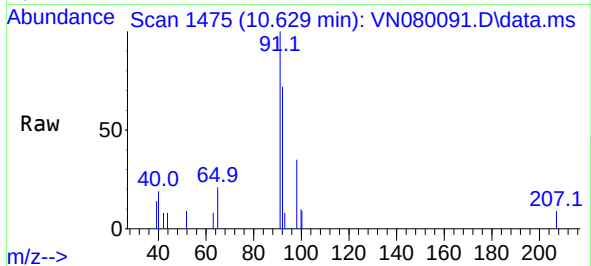




#52
Toluene
Concen: 0.425 ug/l
RT: 10.629 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

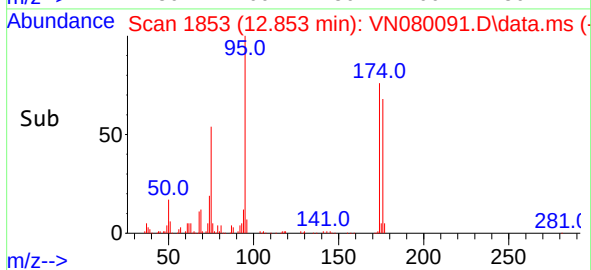
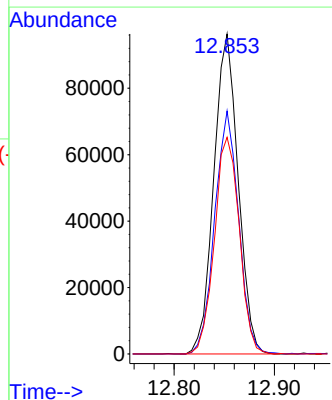
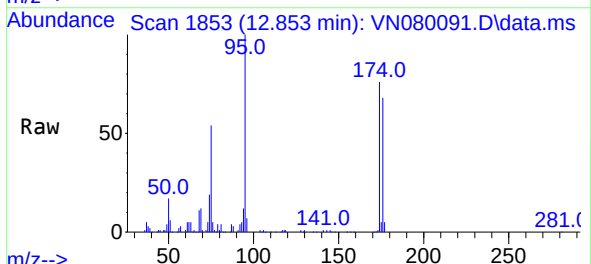
Instrument :
MSVOA_N
ClientSampleId :

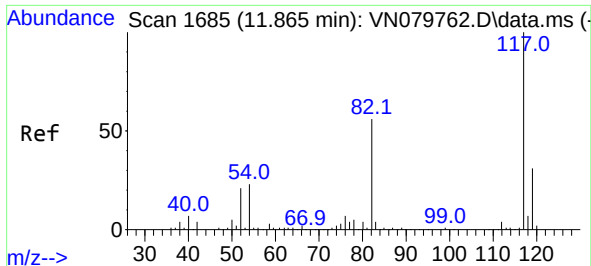
Tgt Ion: 92 Resp: 2491
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 57.524 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

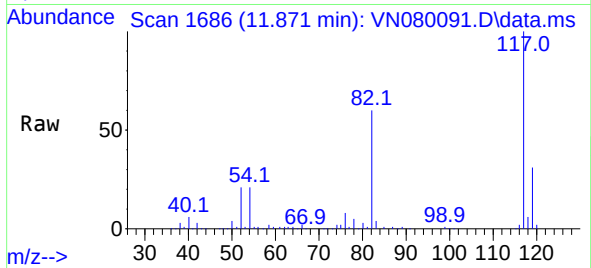
Tgt Ion: 95 Resp: 162285
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 69.1 0.0 135.8



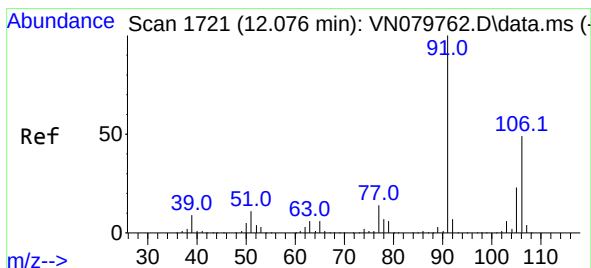
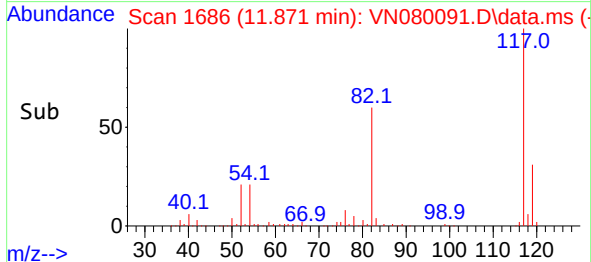
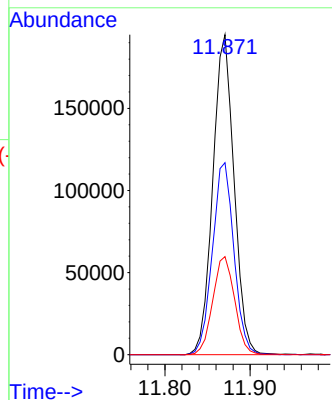


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

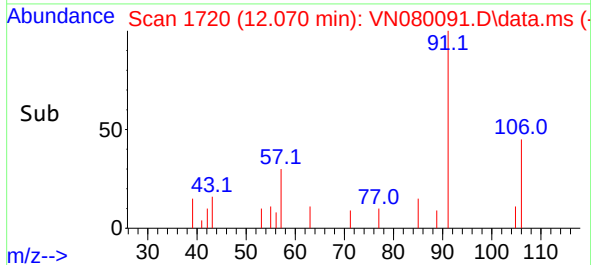
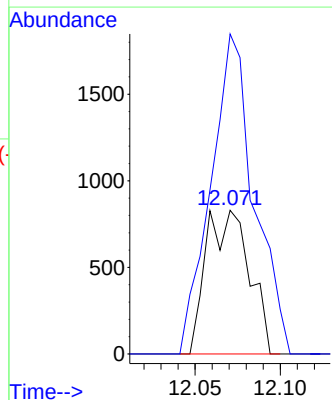
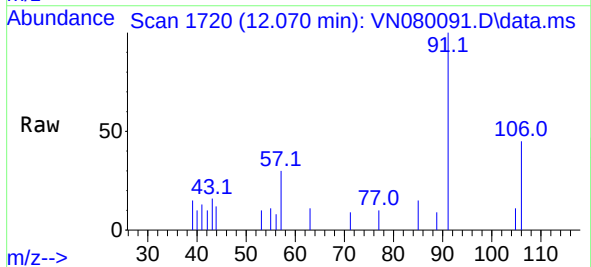


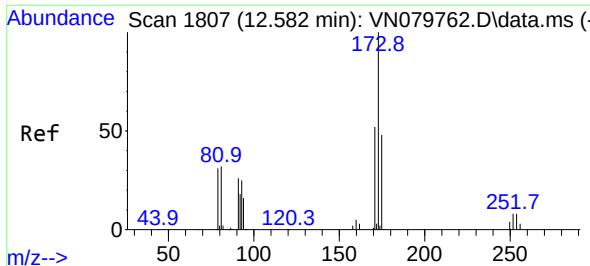
Tgt Ion:117 Resp: 337297
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 0.309 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion:106 Resp: 1466
Ion Ratio Lower Upper
106 100
91 223.2 159.6 239.4

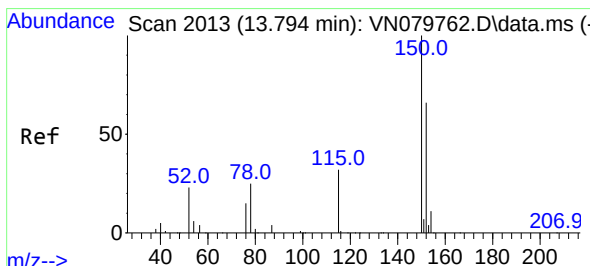
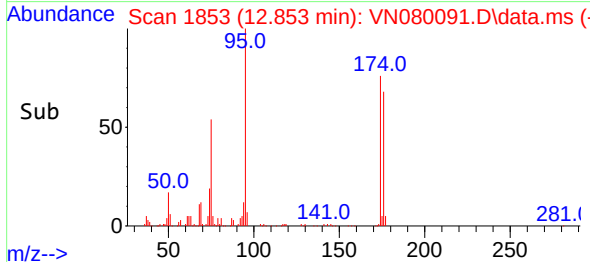
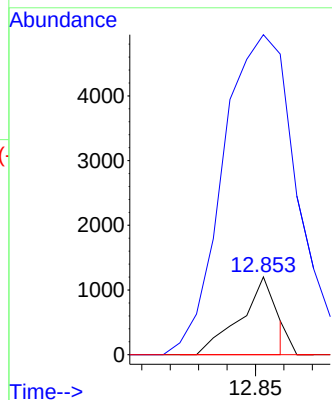
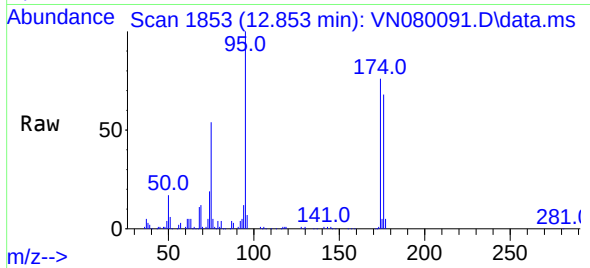




#71
Bromoform
Concen: 0.572 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

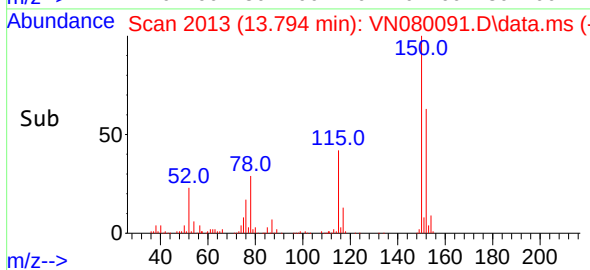
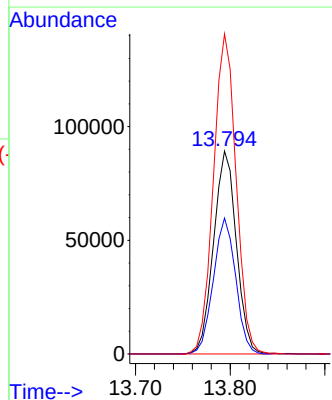
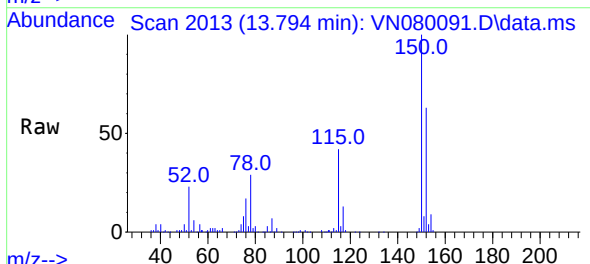
Instrument :
MSVOA_N
ClientSampleId :

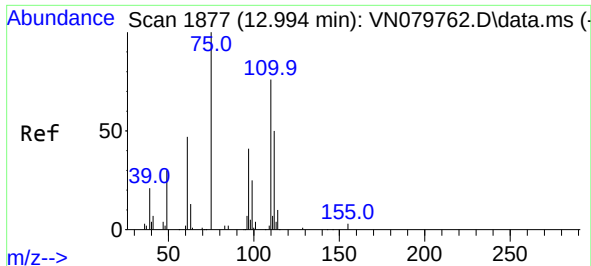
Tgt Ion:173 Resp: 1071
Ion Ratio Lower Upper
173 100
175 682.3 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion:152 Resp: 149110
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 157.2 0.0 355.8

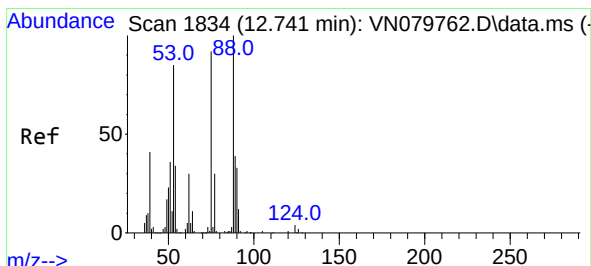
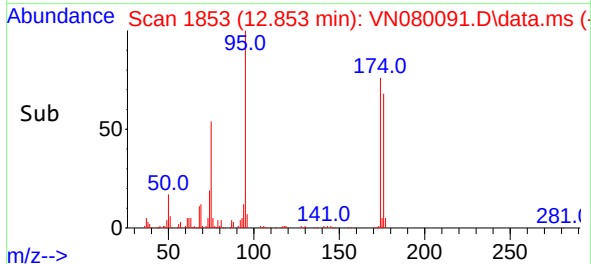
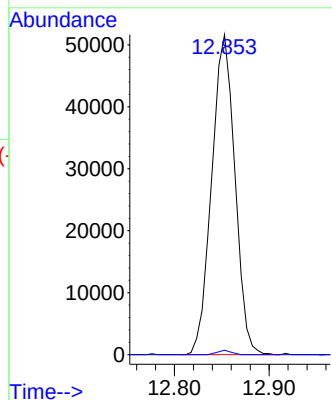
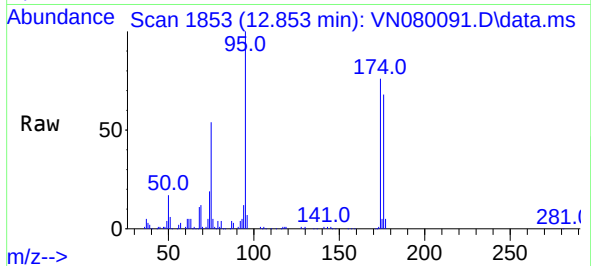




#76
1,2,3-Trichloropropane
Concen: 25.147 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 88031
Ion Ratio Lower Upper
75 100
77 0.8 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.419 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 75 Resp: 88031
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

