

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083426.D
 Acq On : 22 Aug 2024 10:53
 Operator : JC\MD
 Sample : VN0822WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

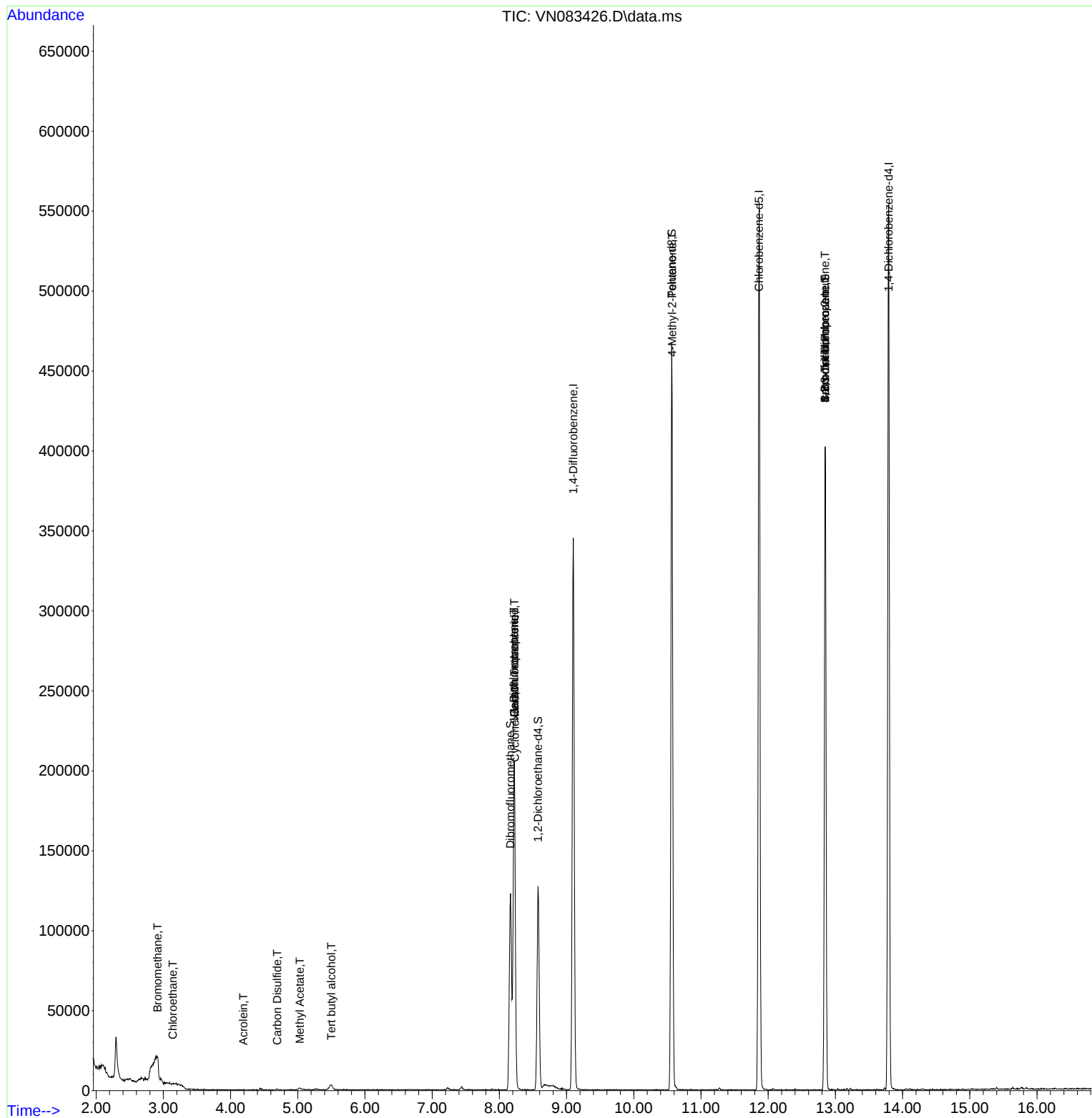
Internal Standards						
1) Pentafluorobenzene	8.224	168	142322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109671	54.137	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.280%		
35) Dibromofluoromethane	8.165	113	88398	49.012	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.020%		
50) Toluene-d8	10.565	98	317440	47.183	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.360%		
62) 4-Bromofluorobenzene	12.847	95	144169	54.965	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	341	0.326	ug/l #	1
6) Chloroethane	3.142	64	578	0.548	ug/l #	41
11) Tert butyl alcohol	5.500	59	3329	7.907	ug/l #	71
13) Acrolein	4.189	56	55	0.200	ug/l #	14
17) Carbon Disulfide	4.694	76	1098	0.238	ug/l #	75
18) Methyl Acetate	5.030	43	2617	1.108	ug/l #	74
31) Cyclohexane	8.230	56	3570	1.189	ug/l #	16
36) 1,1-Dichloropropene	8.218	75	13267	4.863	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16360	5.324	ug/l #	16
43) Isopropyl Acetate	8.688	43	981	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1572	0.544	ug/l #	1
71) Bromoform	12.847	173	455	0.251	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	81389	25.453	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81389	55.366	ug/l #	6

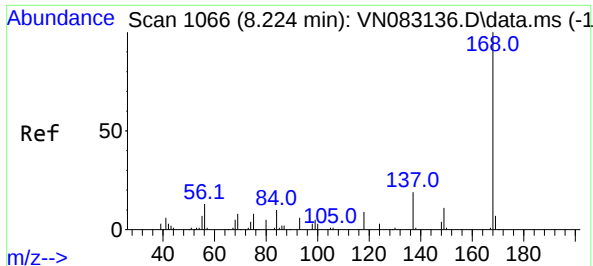
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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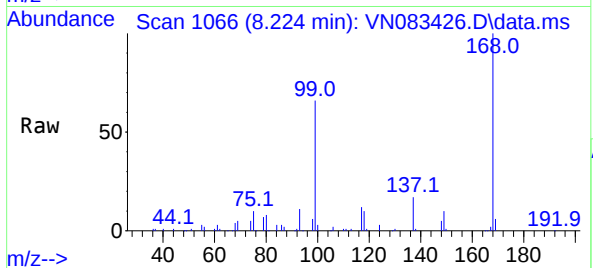
Quant Time: Aug 23 01:38:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



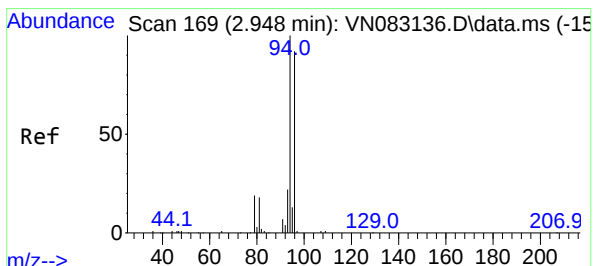
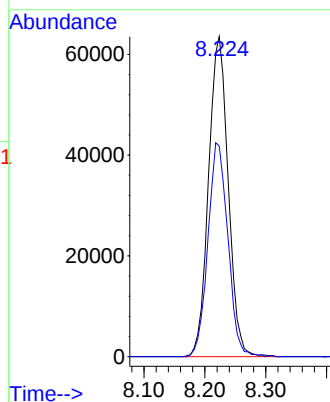
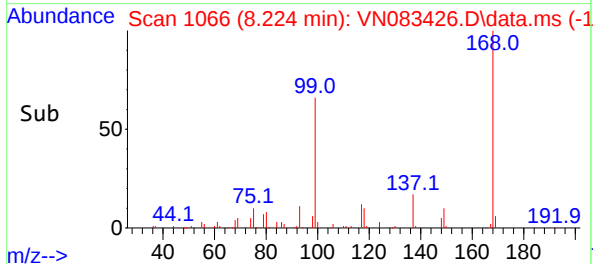


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

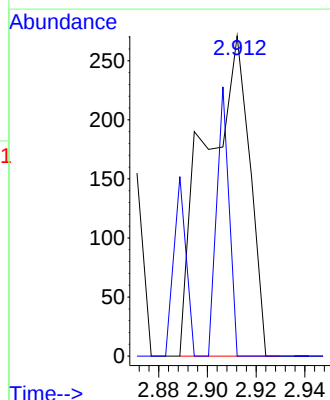
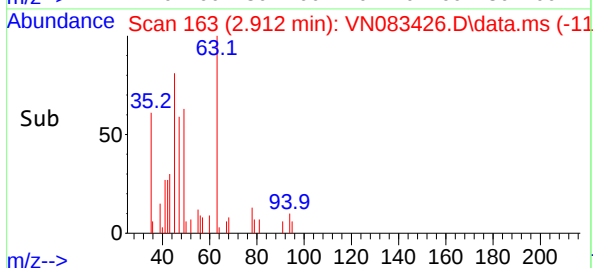
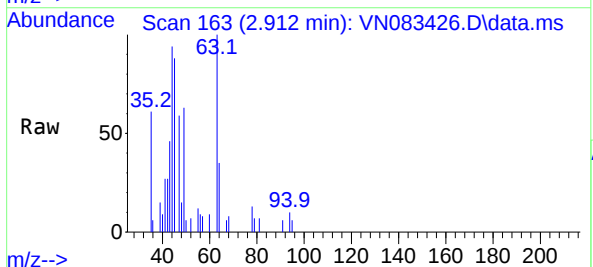


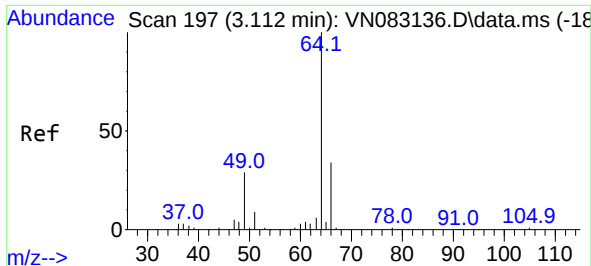
Tgt Ion:168 Resp: 142322
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#5
Bromomethane
Concen: 0.326 ug/l
RT: 2.912 min Scan# 163
Delta R.T. -0.035 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

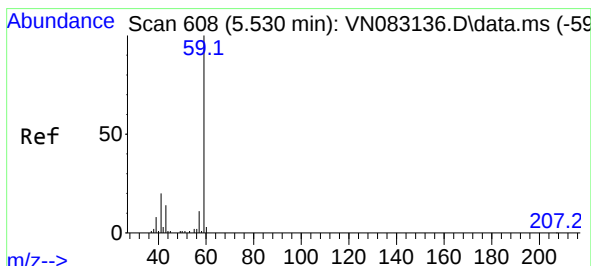
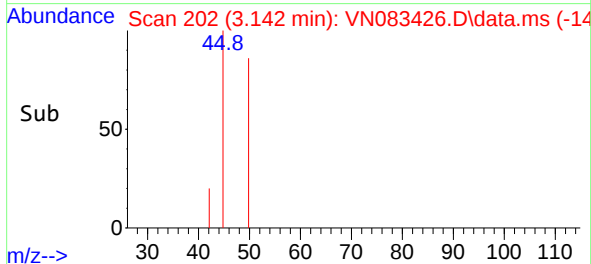
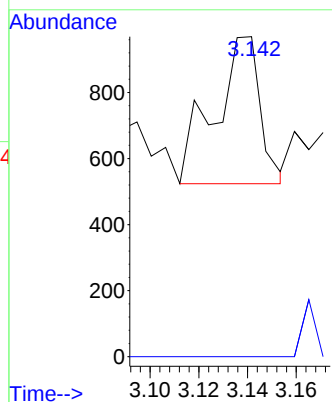
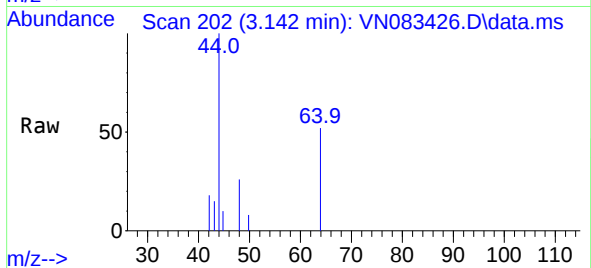




#6
Chloroethane
Concen: 0.548 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

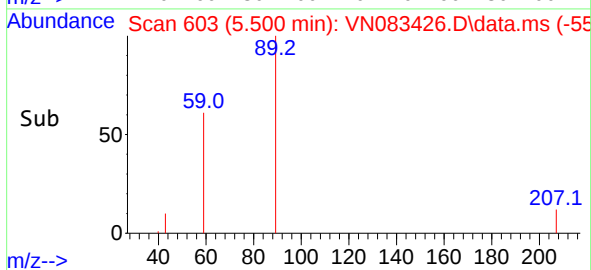
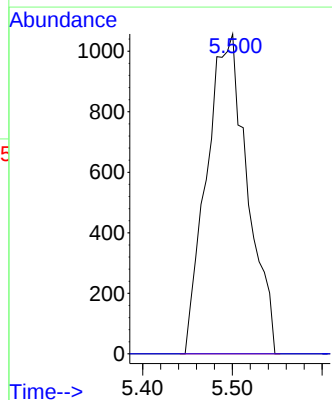
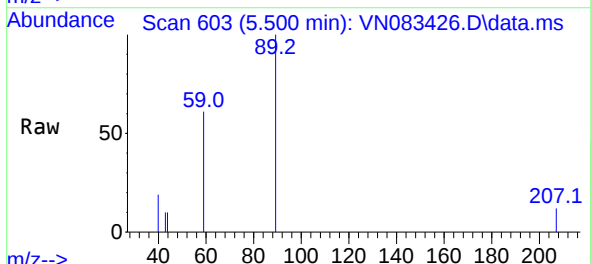
Instrument :
MSVOA_N
ClientSampleId :

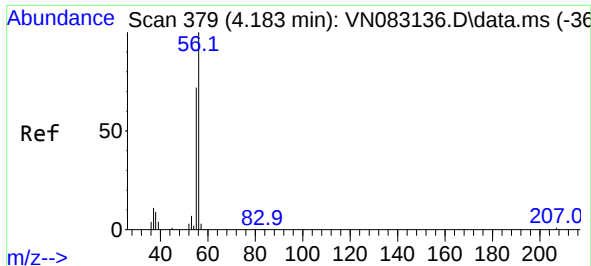
Tgt Ion: 64 Resp: 578
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 7.907 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.029 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 59 Resp: 3329
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

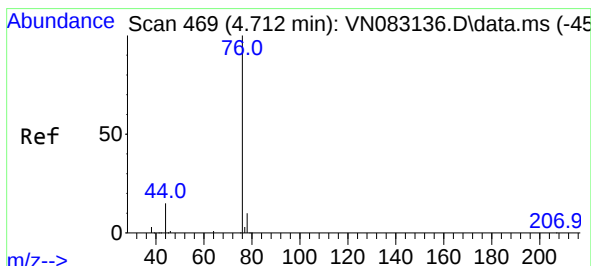
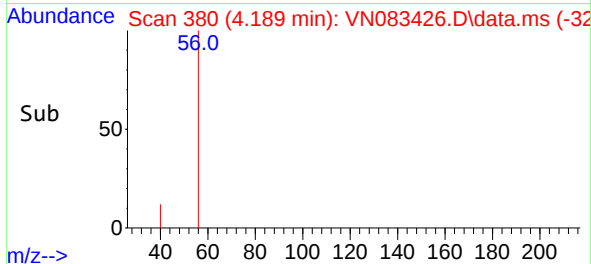
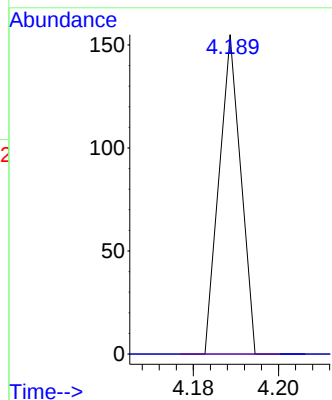
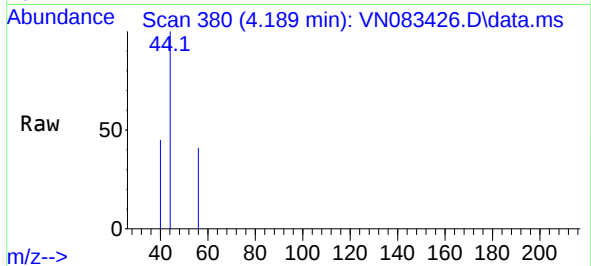




#13
Acrolein
Concen: 0.200 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

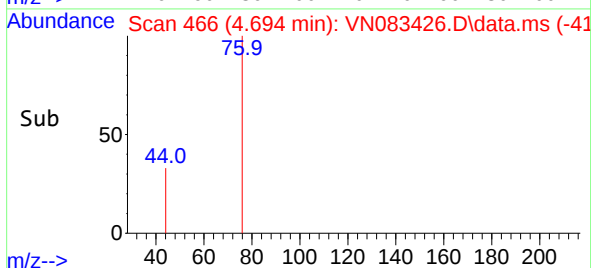
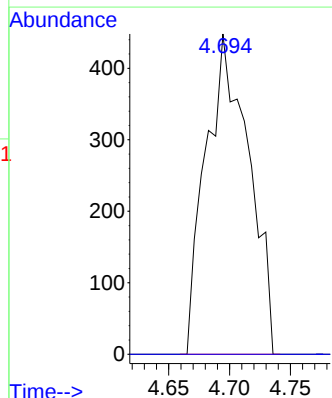
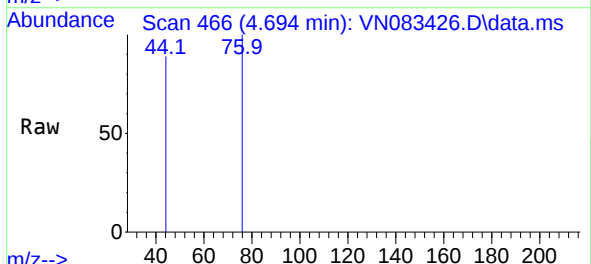
Instrument :
MSVOA_N
ClientSampleId :

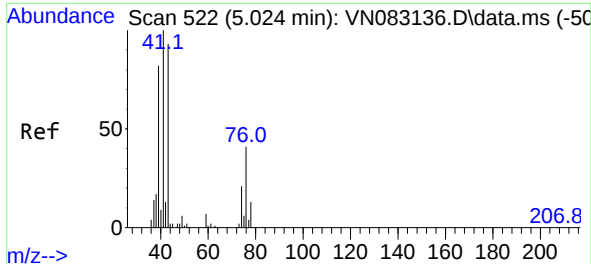
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 76 Resp: 1098
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 1.108 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

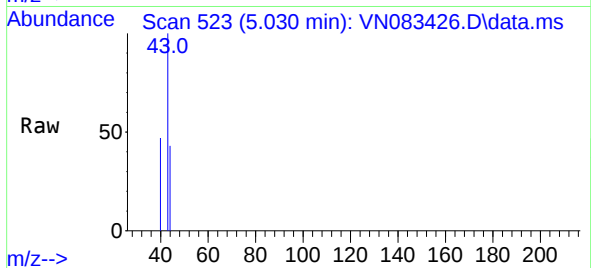
Lab File: VN083426.D

Acq: 22 Aug 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

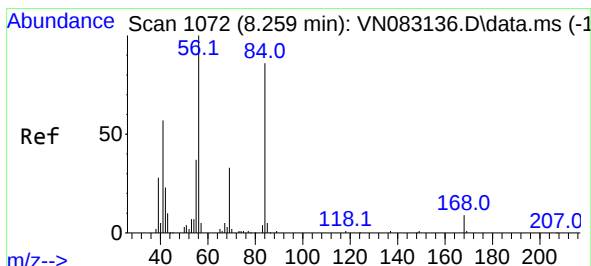
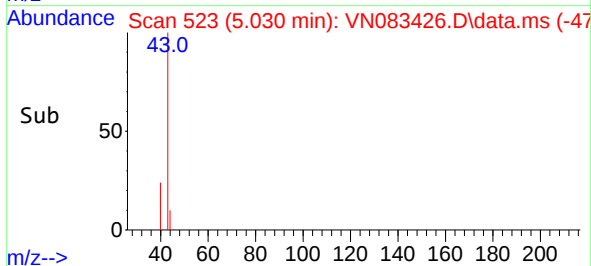
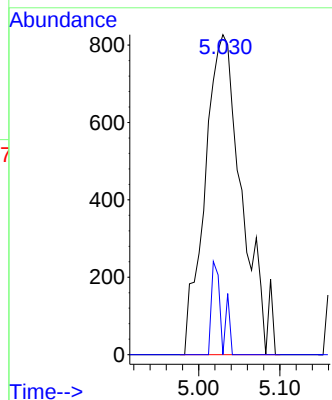


Tgt Ion: 43 Resp: 2617

Ion Ratio Lower Upper

43 100

74 8.1 16.3 24.5#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN083426.D

Acq: 22 Aug 2024 10:53

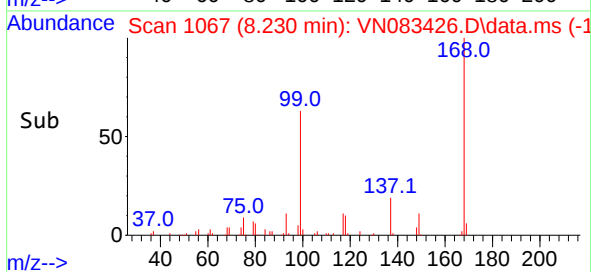
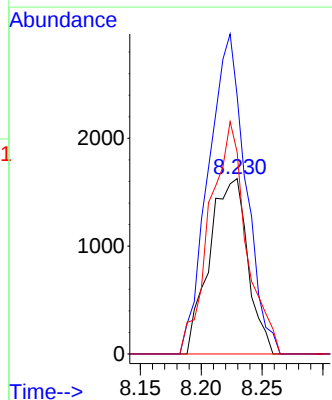
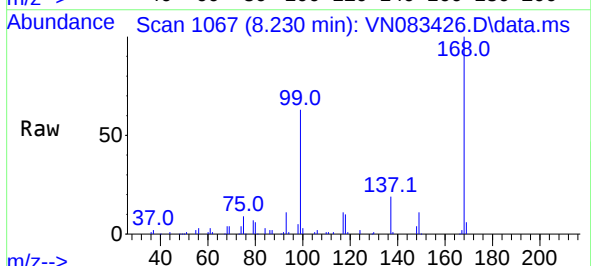
Tgt Ion: 56 Resp: 3570

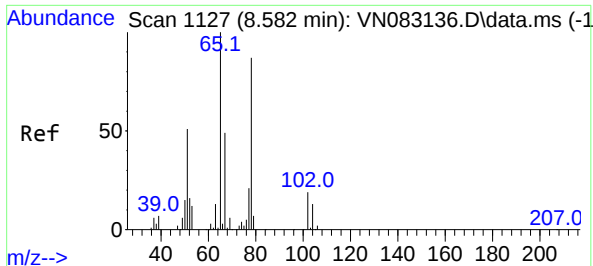
Ion Ratio Lower Upper

56 100

69 147.1 24.5 36.7#

84 115.1 66.0 99.0#

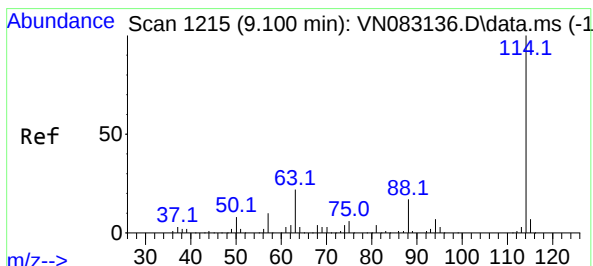
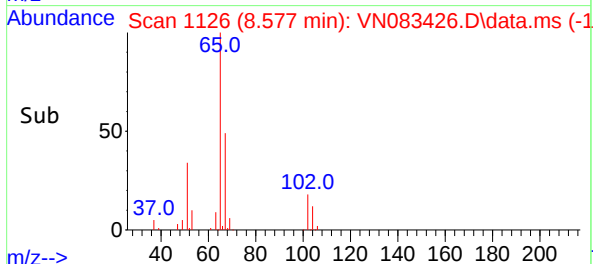
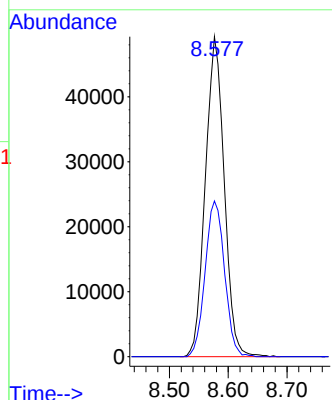
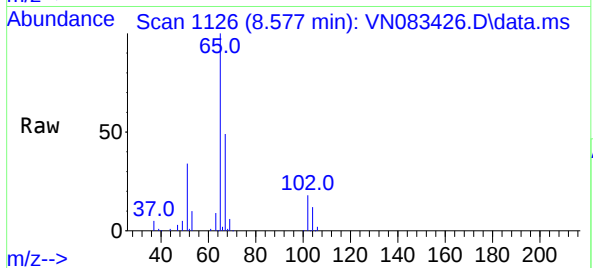




#33
1,2-Dichloroethane-d4
Concen: 54.137 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

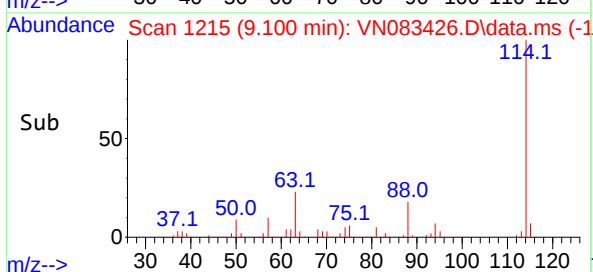
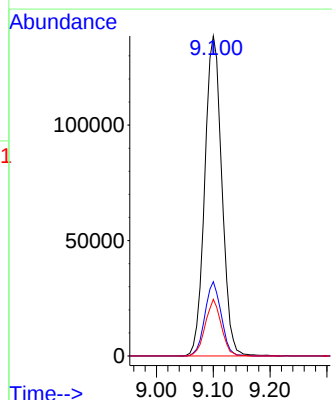
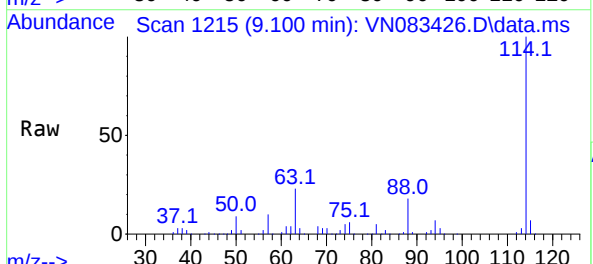
Instrument :
MSVOA_N
ClientSampleId :

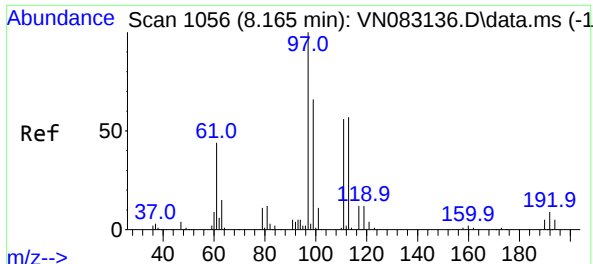
Tgt Ion: 65 Resp: 109671
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

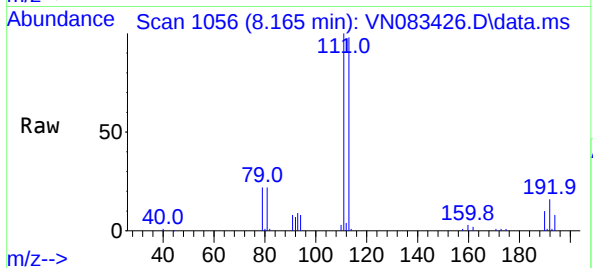
Tgt Ion:114 Resp: 288957
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 17.7 0.0 31.4



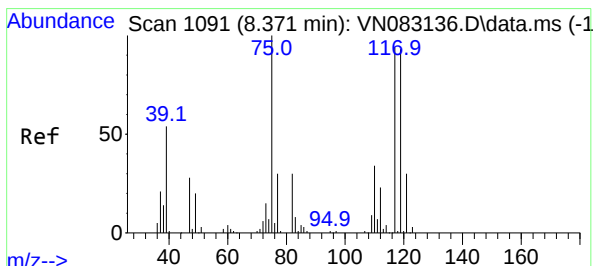
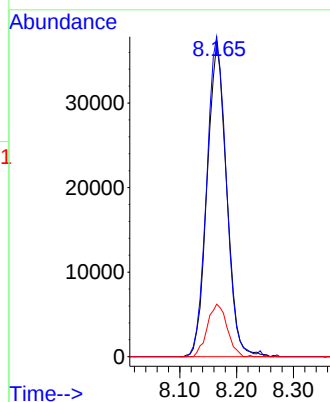
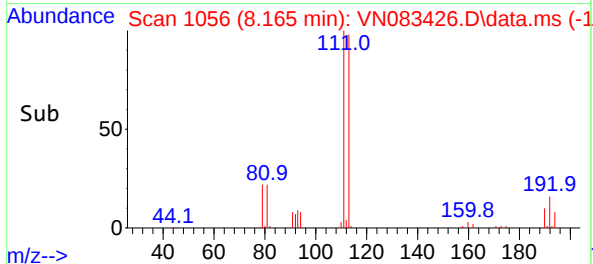


#35
Dibromofluoromethane
Concen: 49.012 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

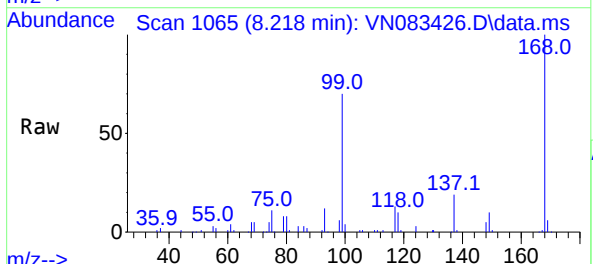
Instrument :
MSVOA_N
ClientSampleId :



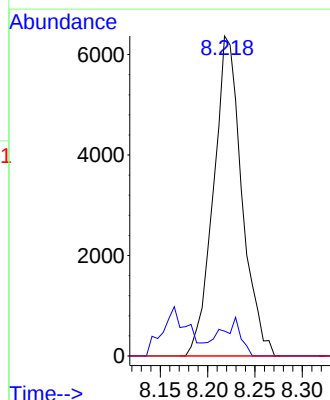
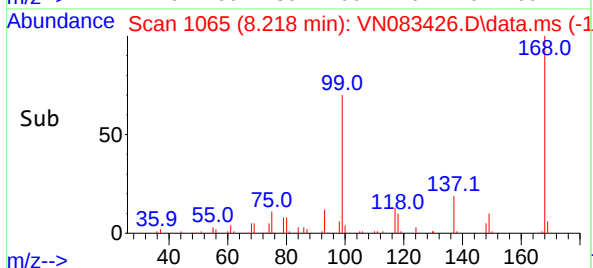
Tgt Ion:113 Resp: 88398
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 16.9 14.9 22.3

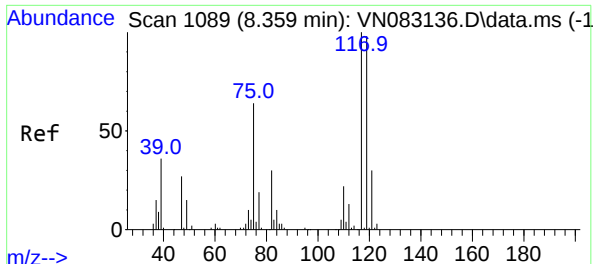


#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53



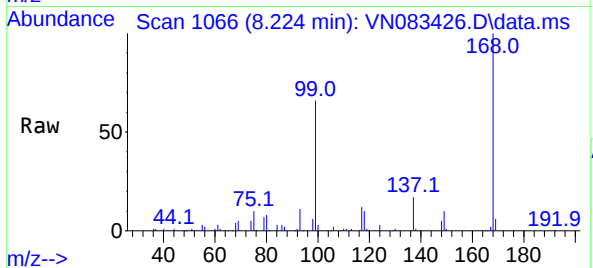
Tgt Ion: 75 Resp: 13267
Ion Ratio Lower Upper
75 100
110 9.0 16.3 48.9#
77 0.0 24.6 37.0#



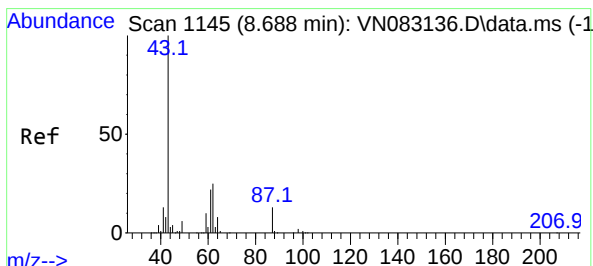
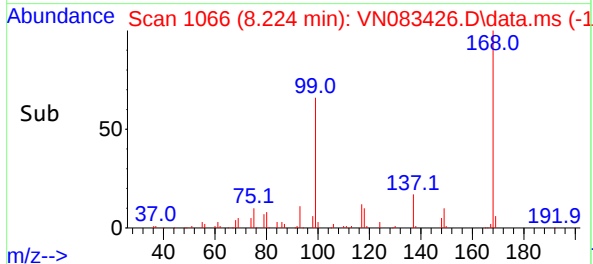
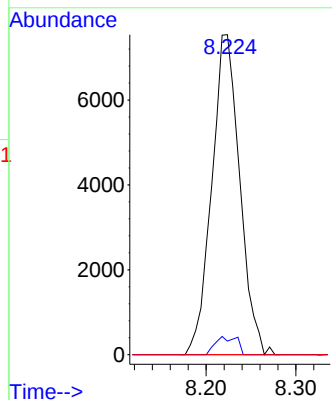


#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

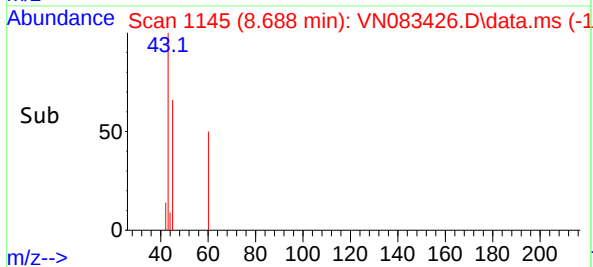
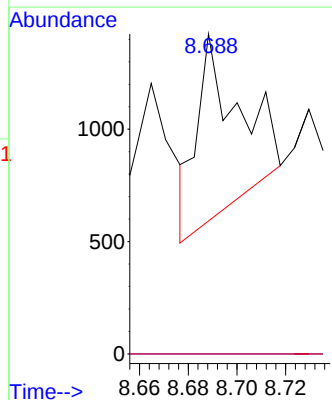
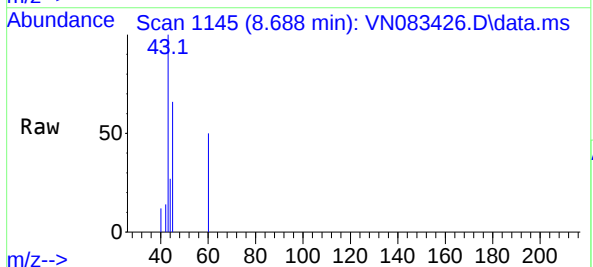


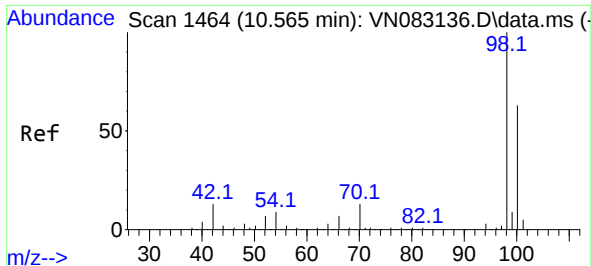
Tgt Ion:117 Resp: 16360
Ion Ratio Lower Upper
117 100
119 4.3 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

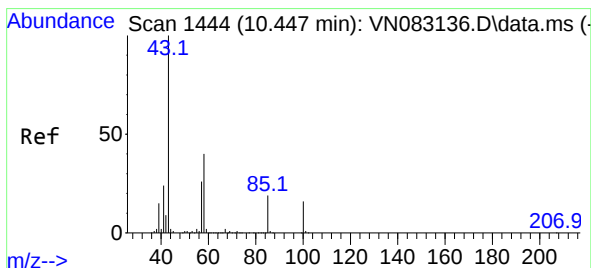
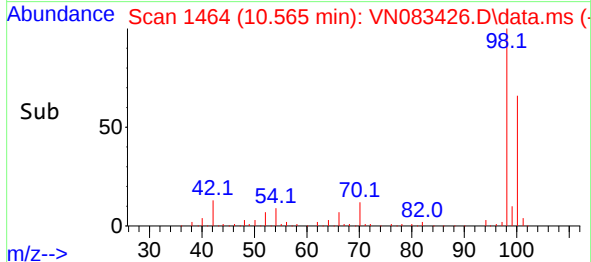
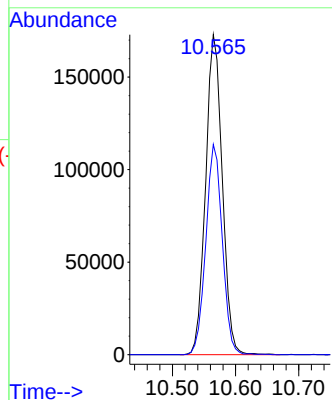
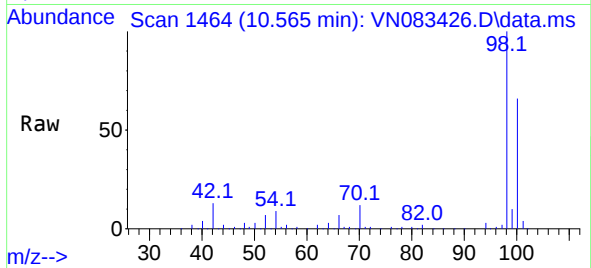




#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

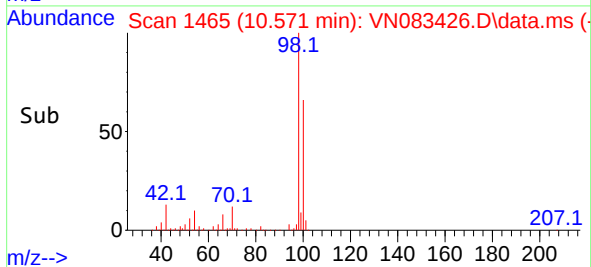
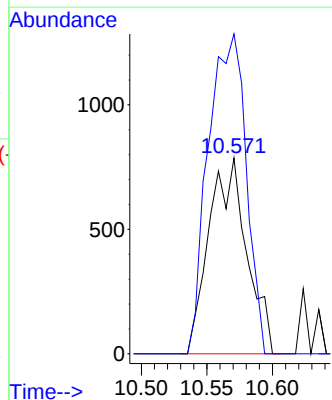
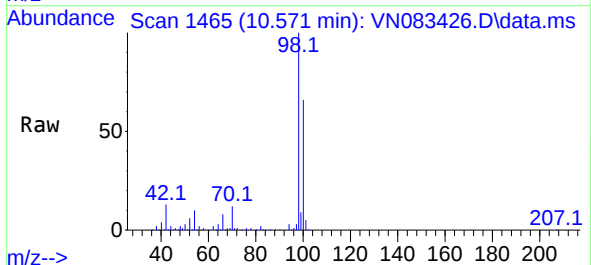
Instrument :
MSVOA_N
ClientSampleId :

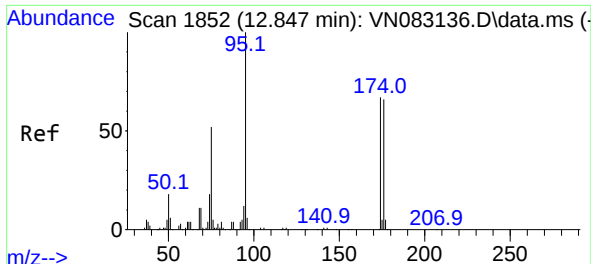
Tgt Ion: 98 Resp: 317440
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 164.0 28.2 42.4#

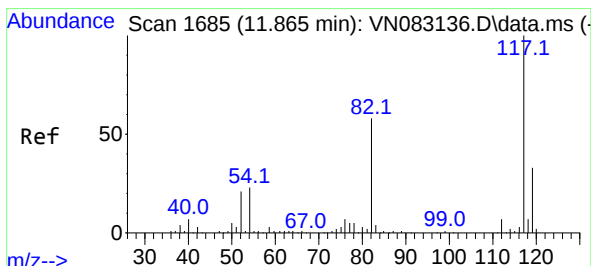
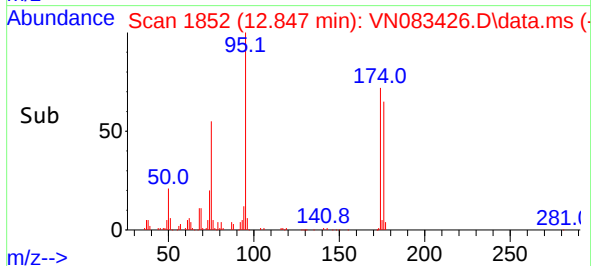
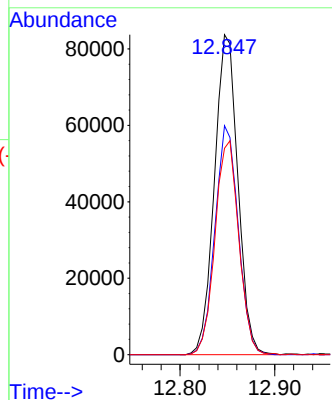
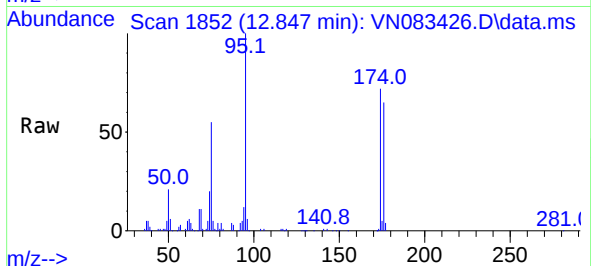




#62
4-Bromofluorobenzene
Concen: 54.965 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

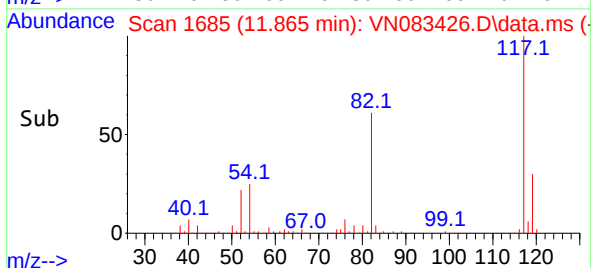
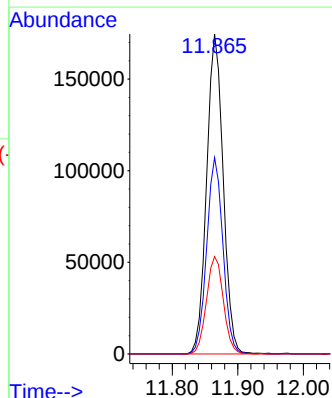
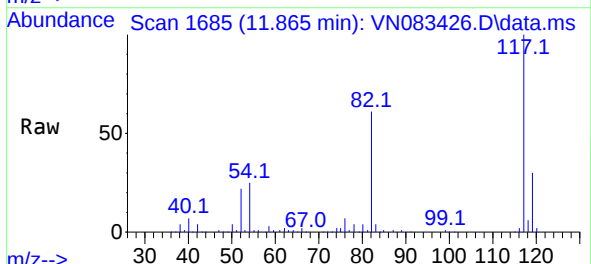
Instrument :
MSVOA_N
ClientSampleId :

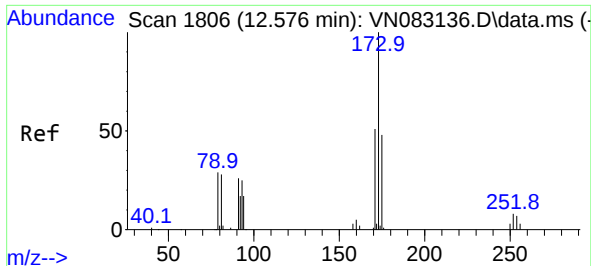
Tgt Ion: 95 Resp: 144169
Ion Ratio Lower Upper
95 100
174 71.2 0.0 159.2
176 67.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

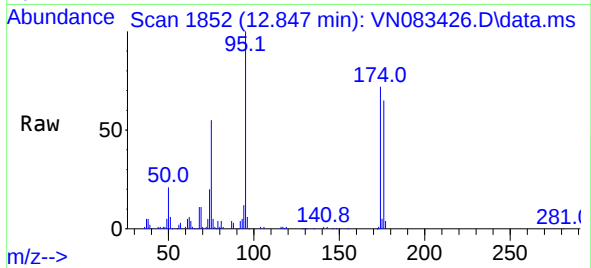
Tgt Ion: 117 Resp: 306835
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 30.5 25.6 38.4



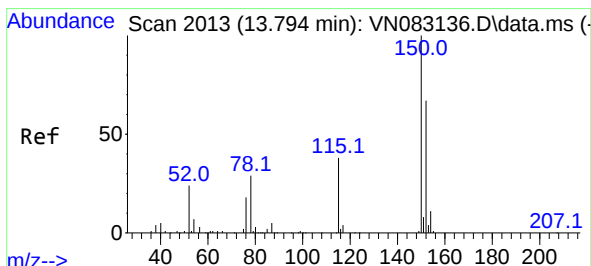
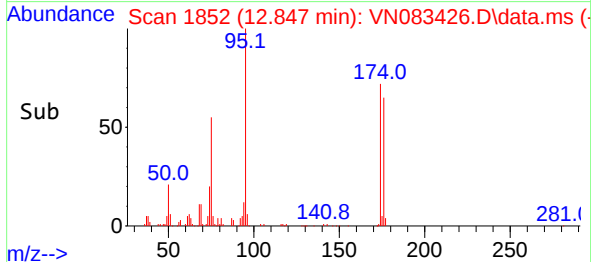
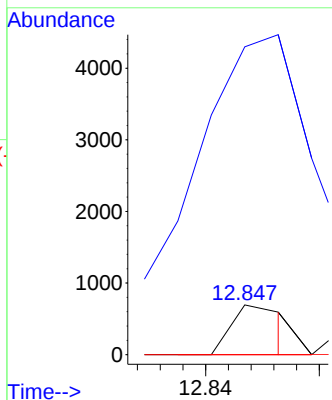


#71
Bromoform
Concen: 0.251 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

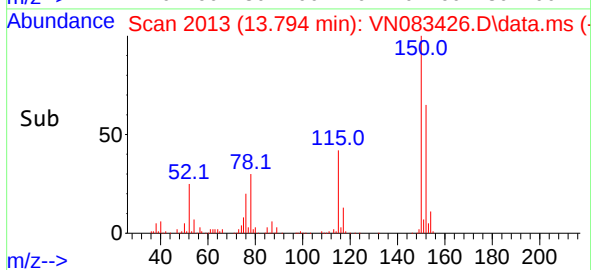
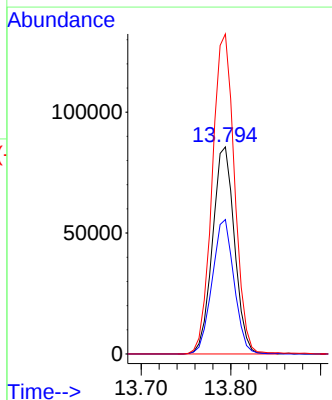
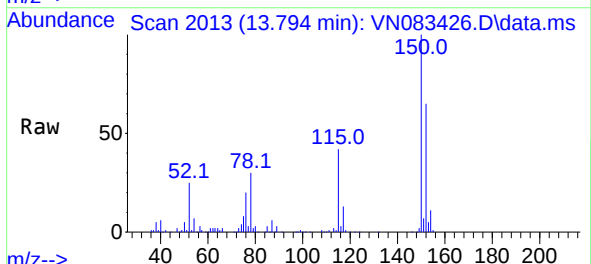


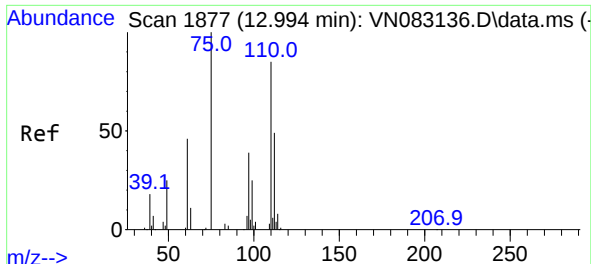
Tgt Ion:173 Resp: 455
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion:152 Resp: 145694
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 157.0 0.0 348.6

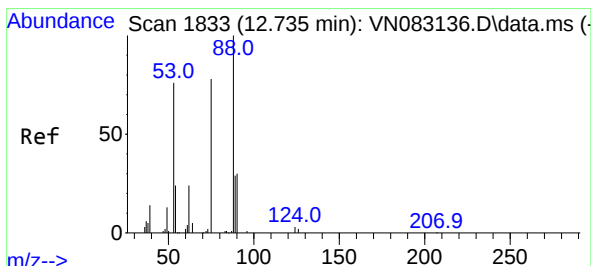
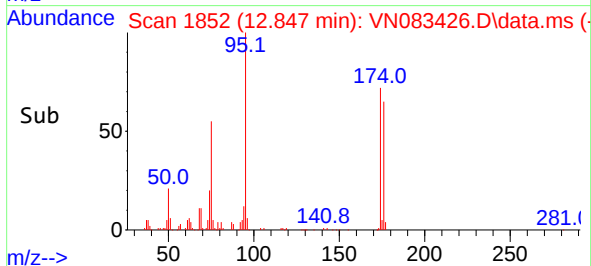
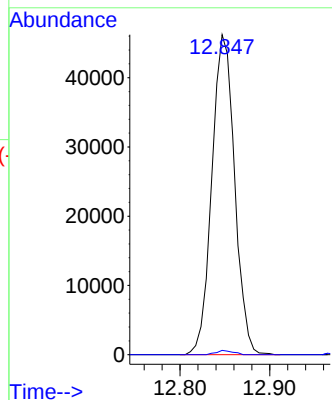
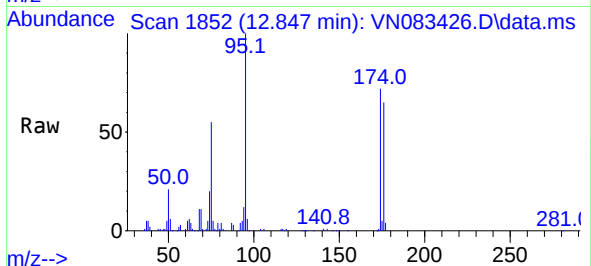




#76
1,2,3-Trichloropropane
Concen: 25.453 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81389
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.366 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083426.D
Acq: 22 Aug 2024 10:53

Tgt Ion: 75 Resp: 81389
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

