

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083309.D
 Acq On : 14 Aug 2024 18:29
 Operator : JC\MD
 Sample : P3596-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:25:09 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)

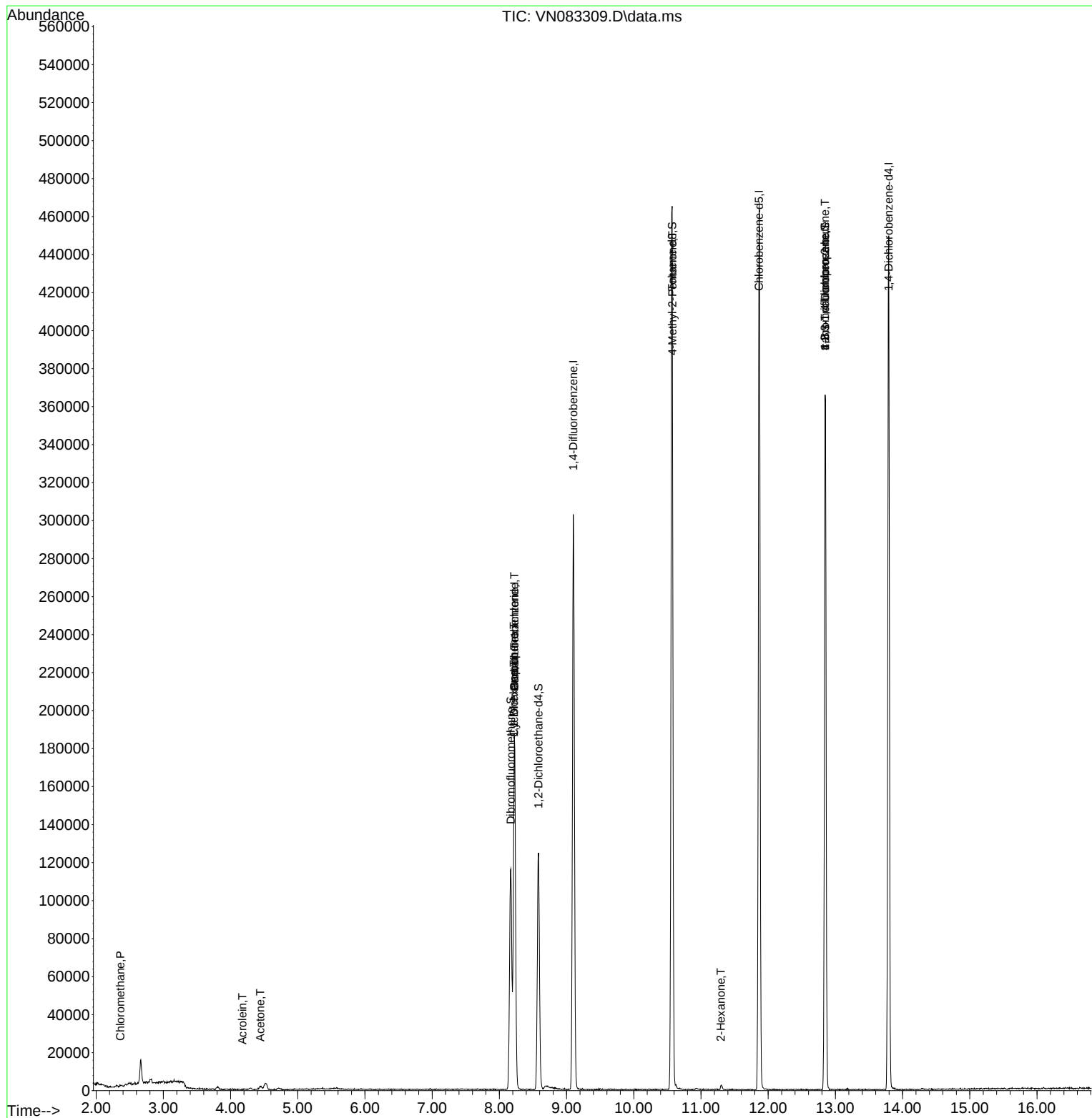
Internal Standards						
1) Pentafluorobenzene	8.224	168	128477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108126	59.126	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.260%		
35) Dibromofluoromethane	8.171	113	86138	54.487	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.980%		
50) Toluene-d8	10.571	98	317935	53.914	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.820%		
62) 4-Bromofluorobenzene	12.847	95	133097	57.893	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 115.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	646	0.433	ug/l #	43
13) Acrolein	4.177	56	123	0.497	ug/l #	1
16) Acetone	4.442	43	3479	4.862	ug/l	94
31) Cyclohexane	8.218	56	3002	1.108	ug/l #	16
36) 1,1-Dichloropropene	8.218	75	11464	4.794	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14573	5.410	ug/l #	17
43) Isopropyl Acetate	8.688	43	1194	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.577	43	1662	0.656	ug/l #	1
59) 2-Hexanone	11.294	43	513	0.262	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	73100	28.650	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73100	62.321	ug/l #	6

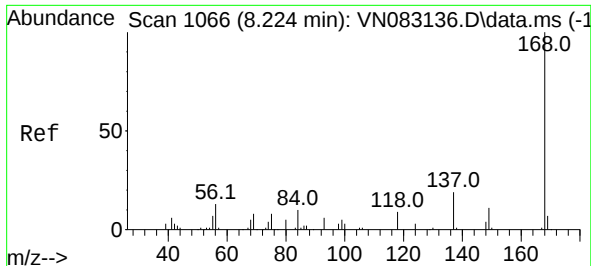
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
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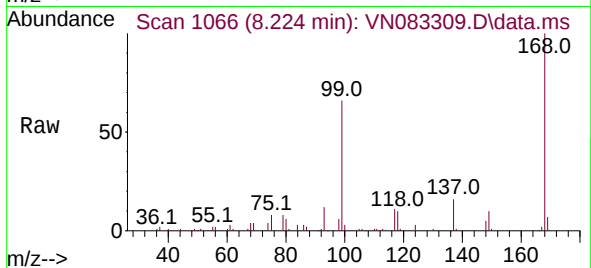
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



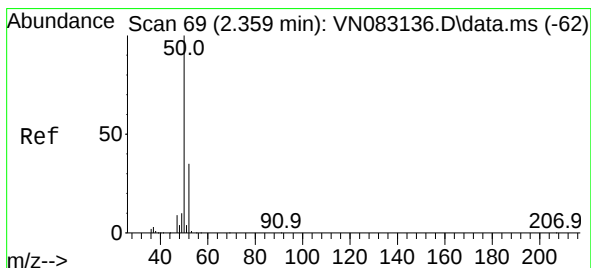
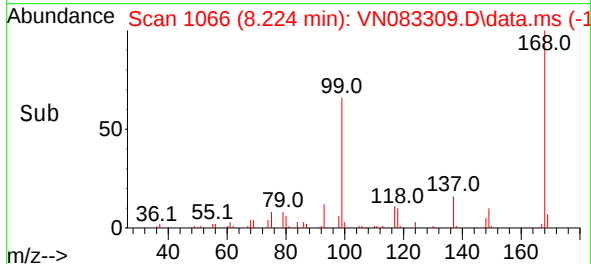
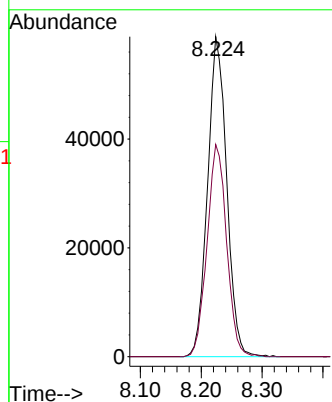


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :

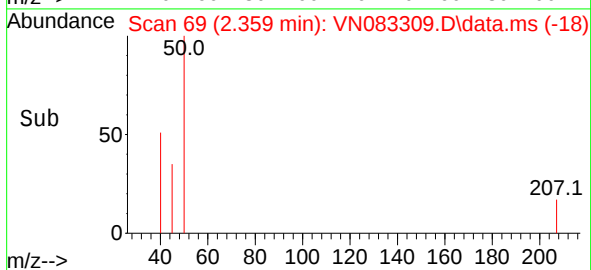
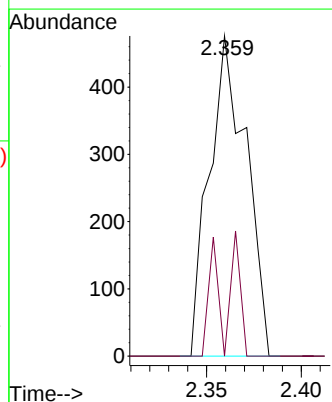
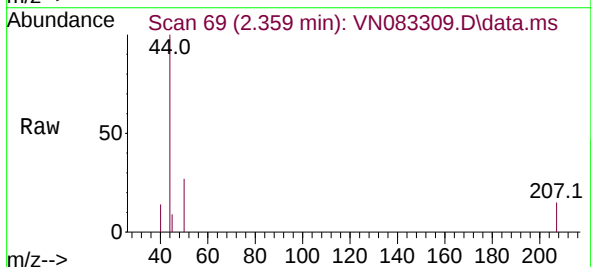


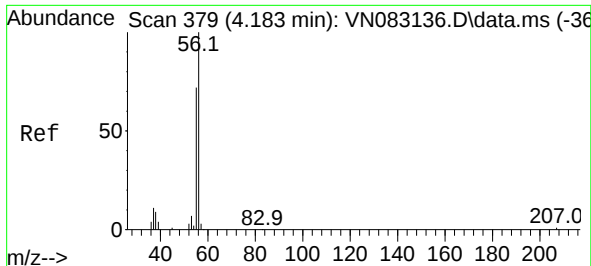
Tgt Ion:168 Resp: 128477
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#3
Chloromethane
Concen: 0.433 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.497 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083309.D

Acq: 14 Aug 2024 18:29

Instrument :

MSVOA_N

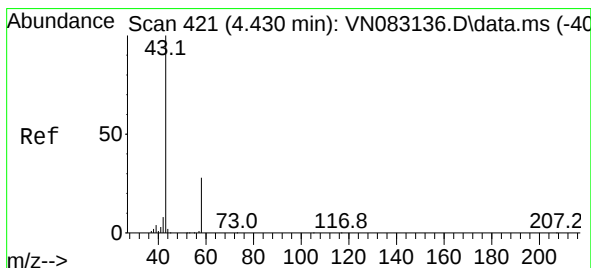
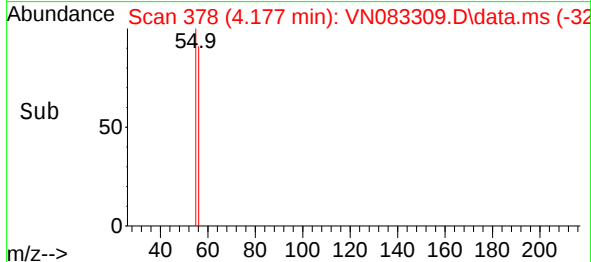
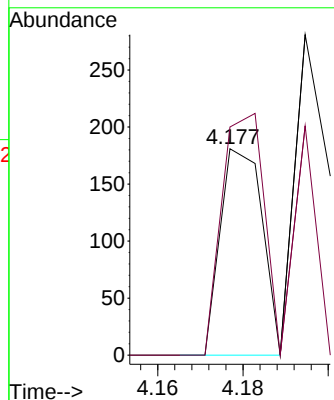
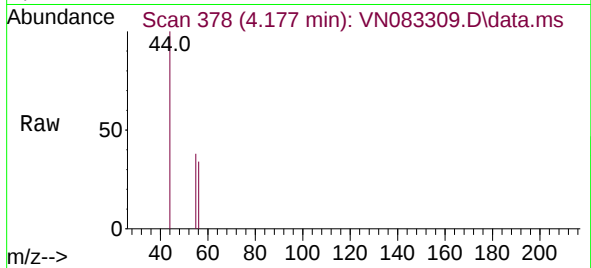
ClientSampleId :

Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

56 100

55 175.6 56.4 84.6#



#16

Acetone

Concen: 4.862 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083309.D

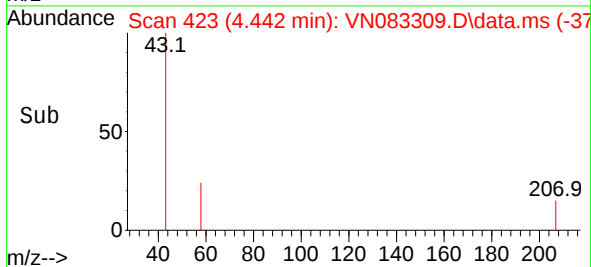
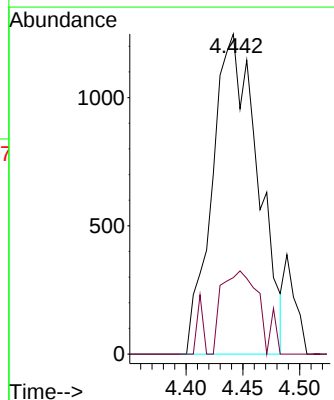
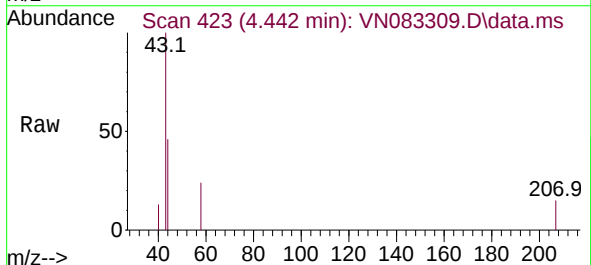
Acq: 14 Aug 2024 18:29

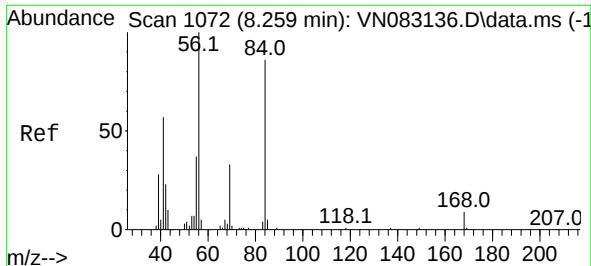
Tgt Ion: 43 Resp: 3479

Ion Ratio Lower Upper

43 100

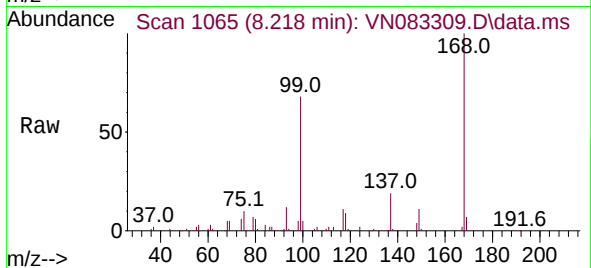
58 23.9 21.8 32.6



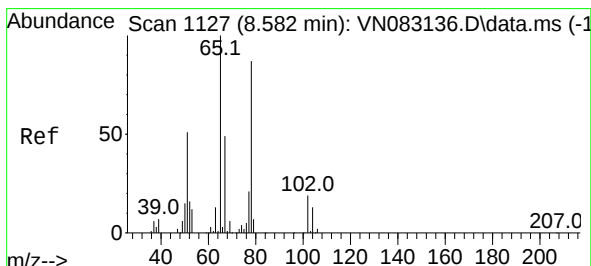
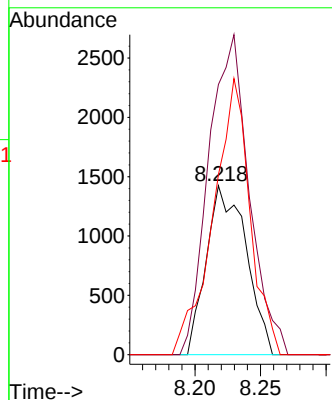
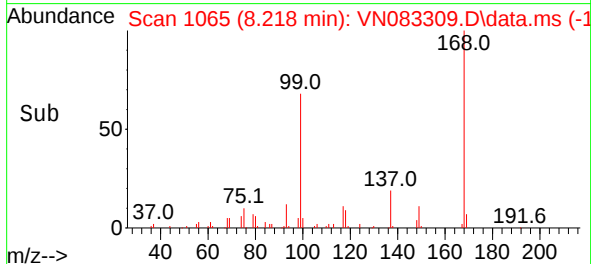


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :

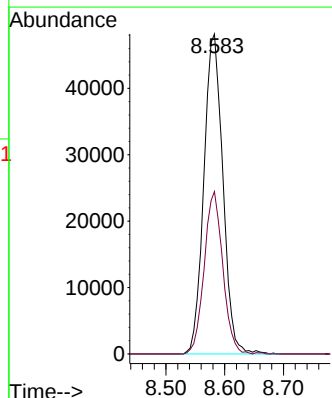
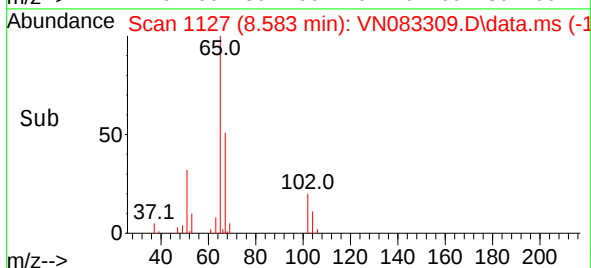
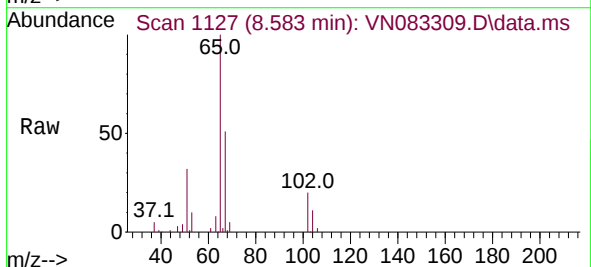


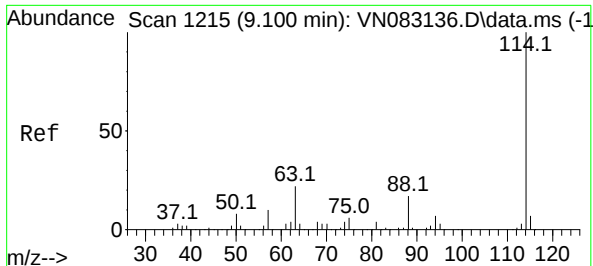
Tgt Ion: 56 Resp: 3002
Ion Ratio Lower Upper
56 100
69 160.0 24.5 36.7#
84 106.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.126 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Tgt Ion: 65 Resp: 108126
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.4

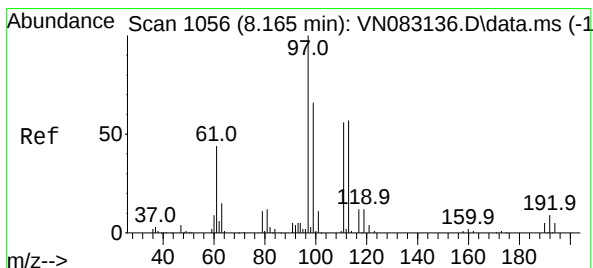
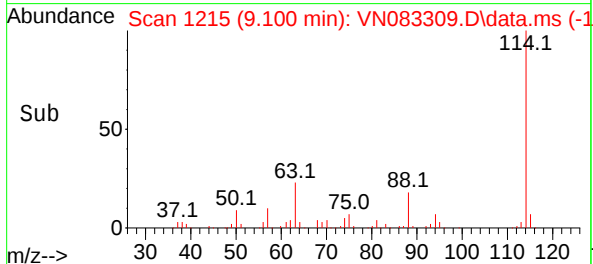
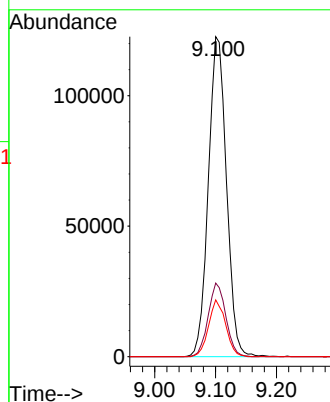
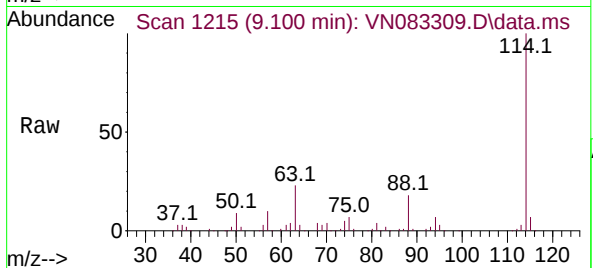




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

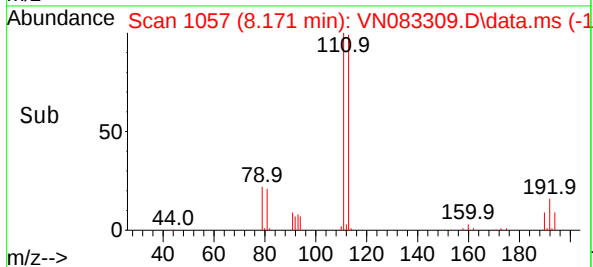
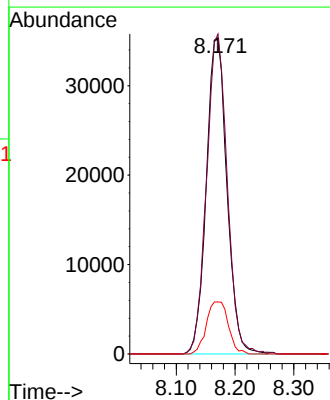
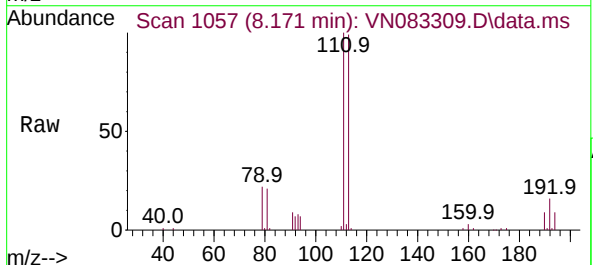
Instrument :
MSVOA_N
ClientSampleId :

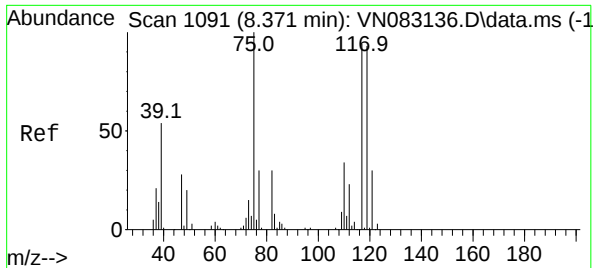
Tgt Ion:114 Resp: 253276
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.6
88 17.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.487 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Tgt Ion:113 Resp: 86138
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 17.5 14.9 22.3

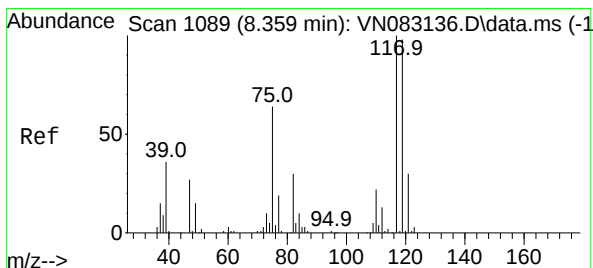
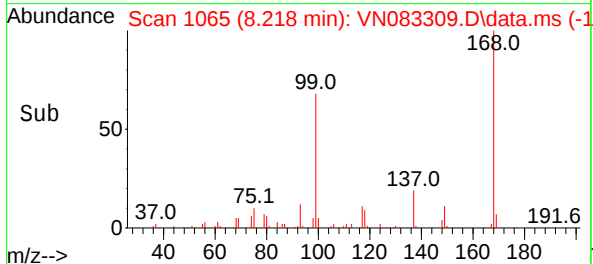
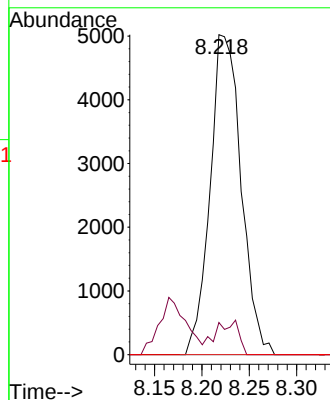
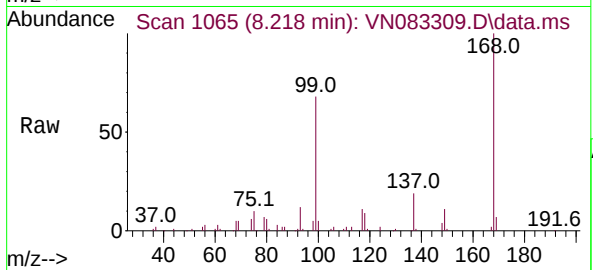




#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

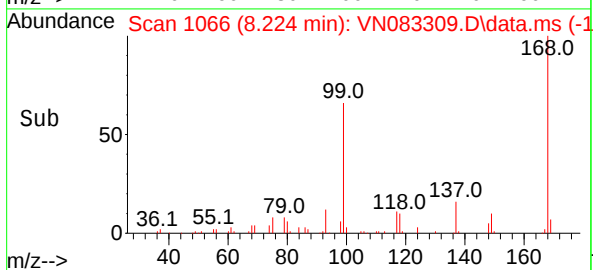
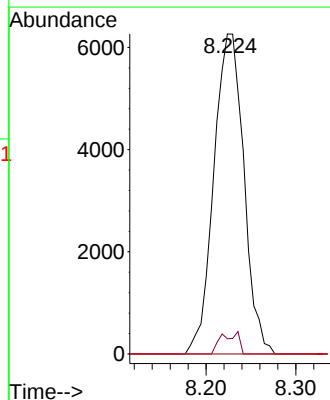
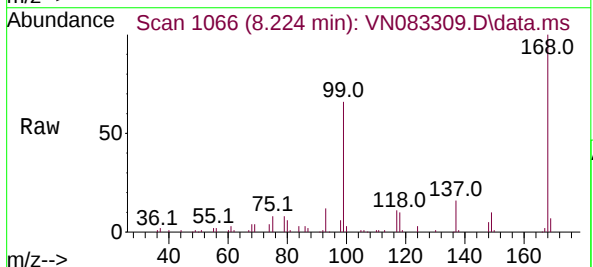
Instrument :
MSVOA_N
ClientSampleId :

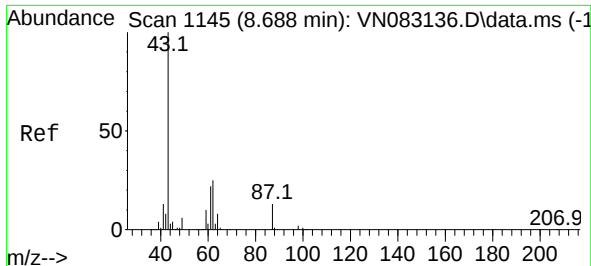
Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

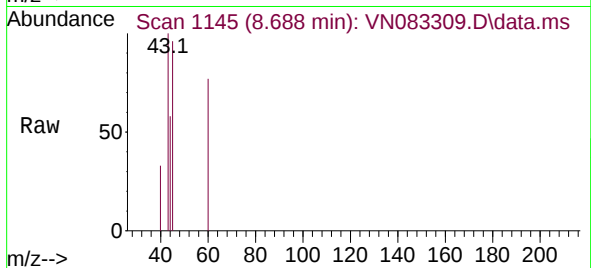
Tgt Ion: 117 Resp: 14573
Ion Ratio Lower Upper
117 100
119 4.7 74.9 112.3#
121 0.0 24.3 36.5#



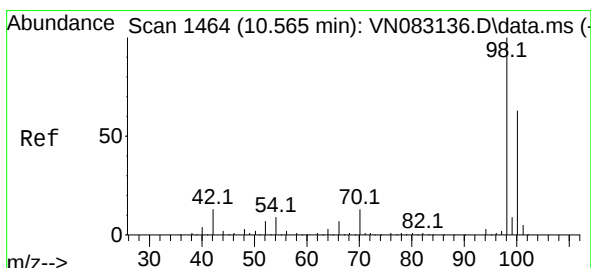
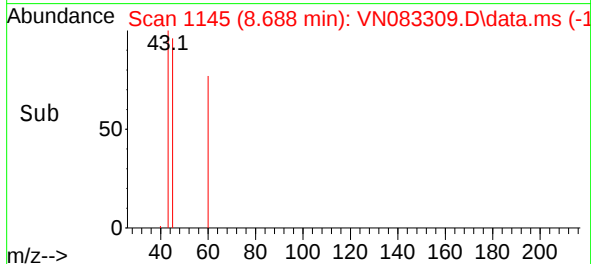
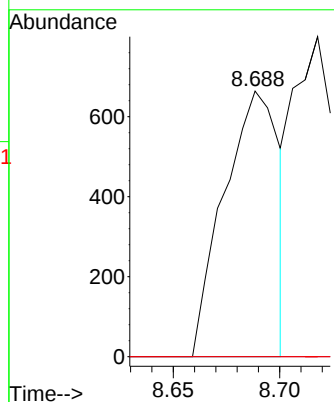


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :

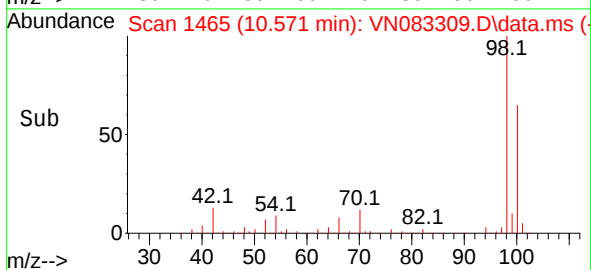
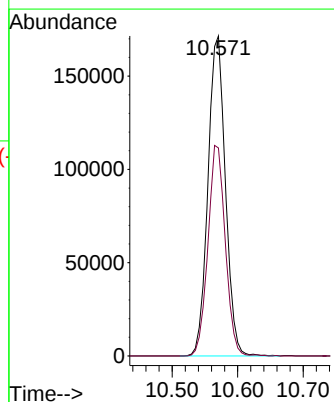
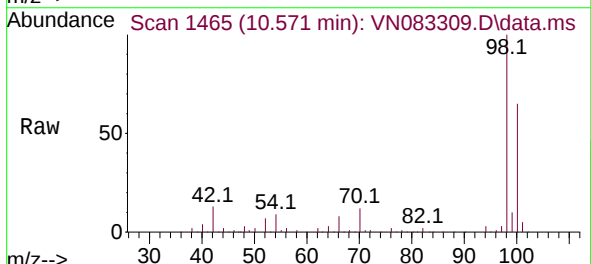


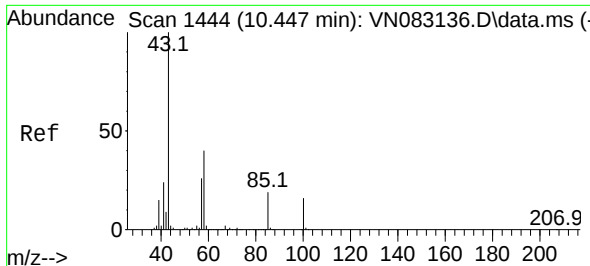
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083309.D
Acq: 14 Aug 2024 18:29

Tgt Ion: 98 Resp: 317935
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.656 ug/l

RT: 10.577 min Scan# 1444

Delta R.T. 0.129 min

Lab File: VN083309.D

Acq: 14 Aug 2024 18:29

Instrument :

MSVOA_N

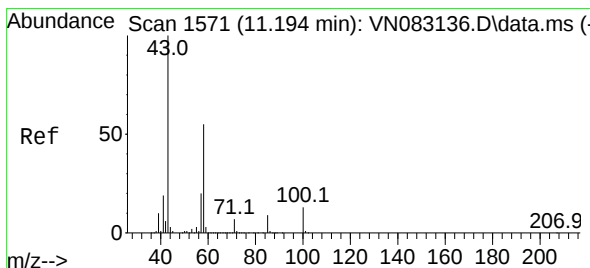
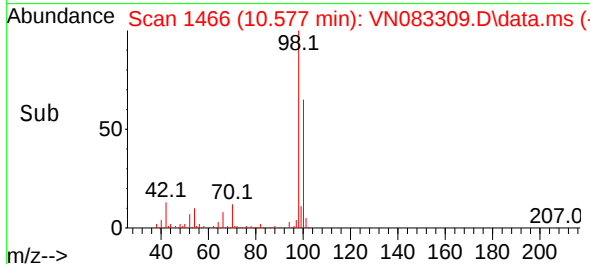
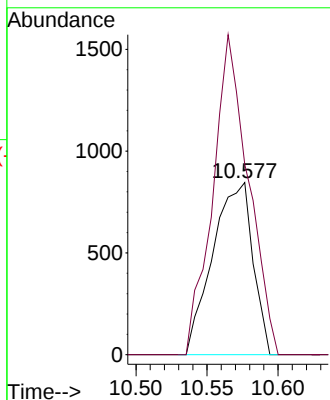
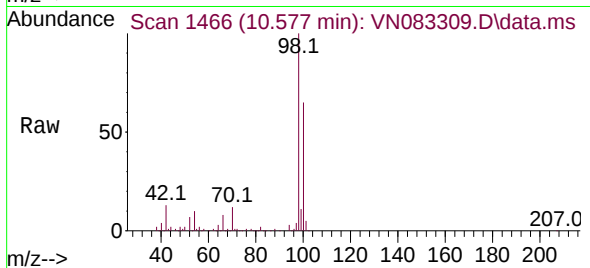
ClientSampleId :

Tgt Ion: 43 Resp: 1662

Ion Ratio Lower Upper

43 100

58 165.4 28.2 42.4#



#59

2-Hexanone

Concen: 0.262 ug/l

RT: 11.294 min Scan# 1588

Delta R.T. 0.100 min

Lab File: VN083309.D

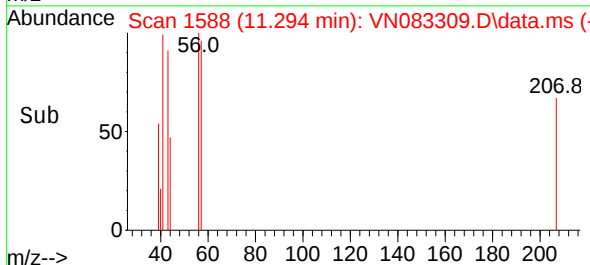
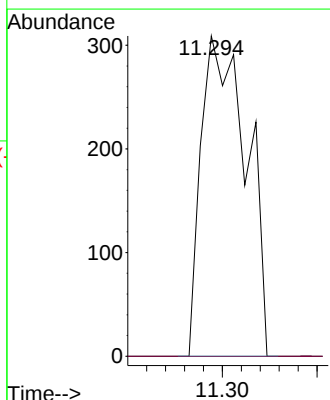
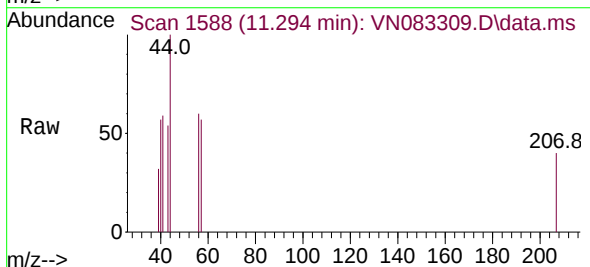
Acq: 14 Aug 2024 18:29

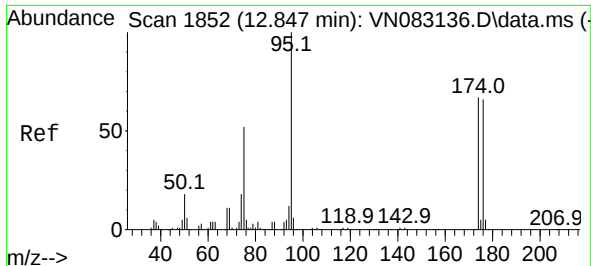
Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#





#62

4-Bromofluorobenzene

Concen: 57.893 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083309.D

Acq: 14 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

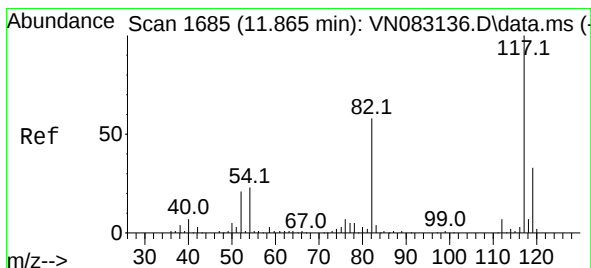
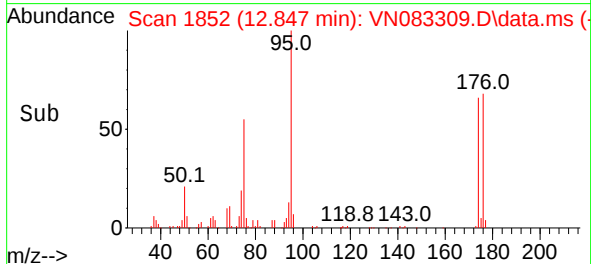
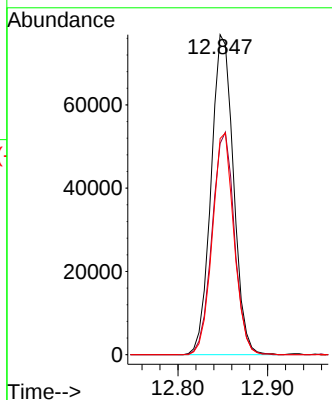
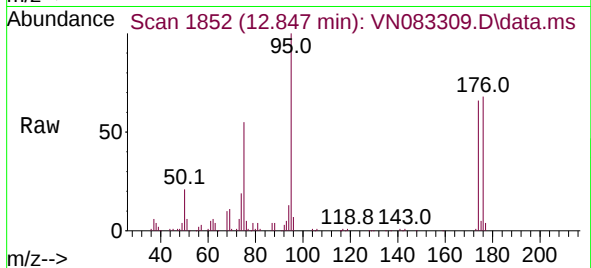
Tgt Ion: 95 Resp: 133097

Ion Ratio Lower Upper

95 100

174 69.4 0.0 159.2

176 67.0 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: VN083309.D

Acq: 14 Aug 2024 18:29

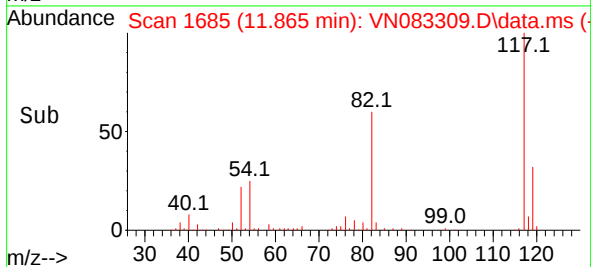
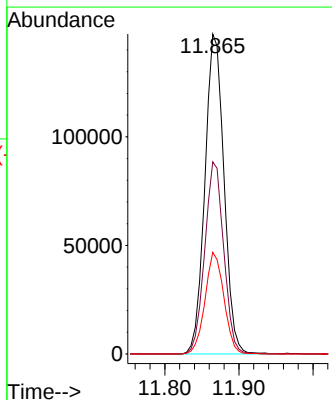
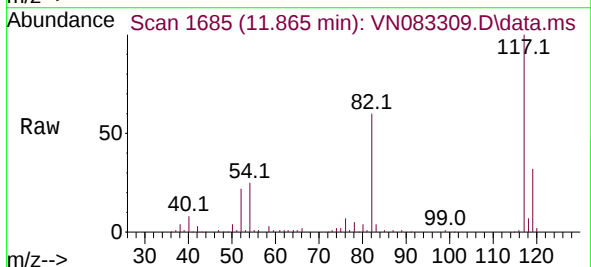
Tgt Ion: 117 Resp: 263485

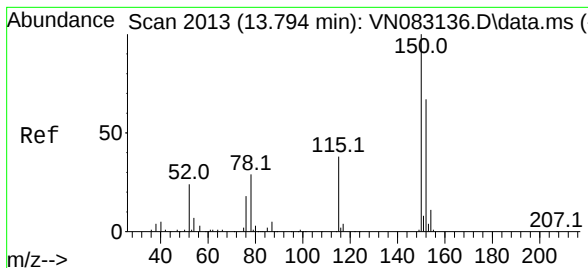
Ion Ratio Lower Upper

117 100

82 60.0 47.5 71.3

119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083309.D

Acq: 14 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

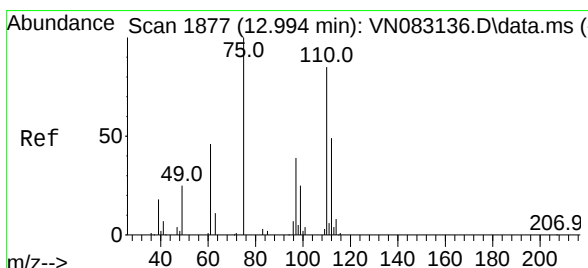
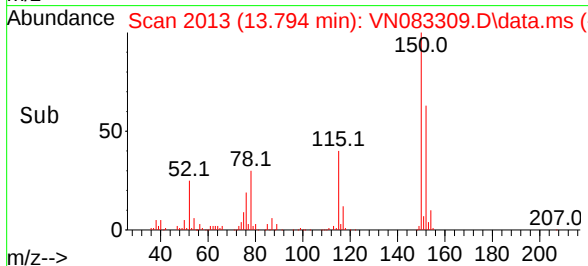
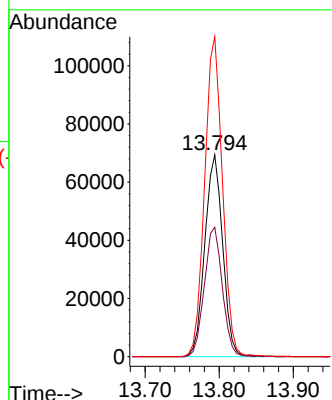
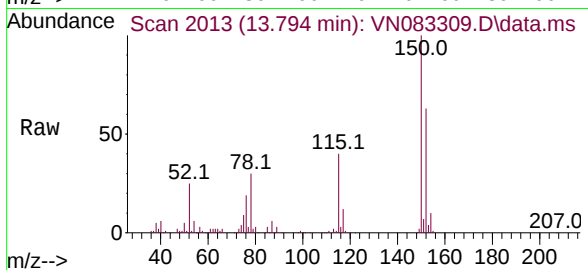
Tgt Ion:152 Resp: 116254

Ion Ratio Lower Upper

152 100

115 64.4 30.6 91.6

150 157.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.650 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083309.D

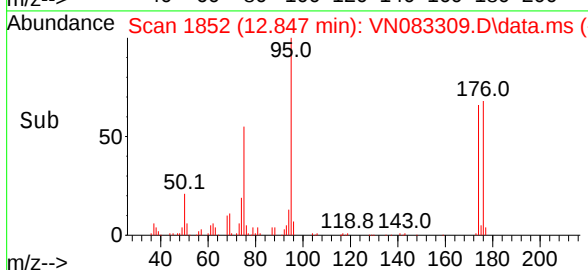
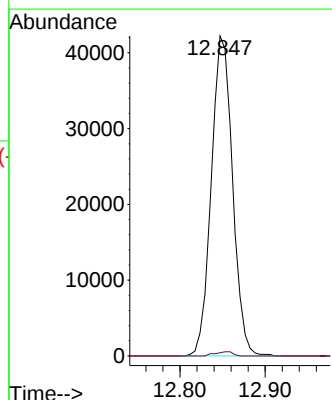
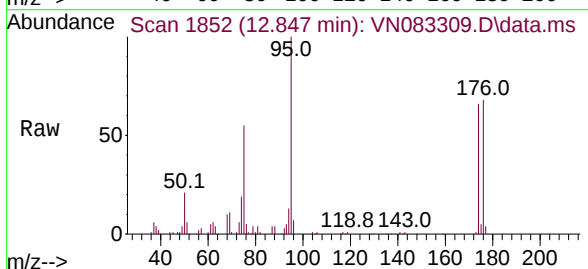
Acq: 14 Aug 2024 18:29

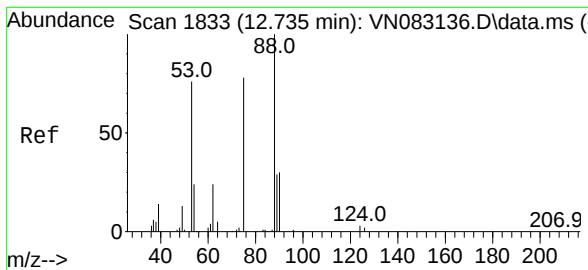
Tgt Ion: 75 Resp: 73100

Ion Ratio Lower Upper

75 100

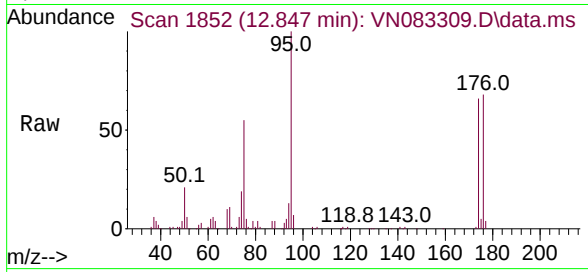
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.321 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083309.D
 Acq: 14 Aug 2024 18:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 73100
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

