

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083283.D
 Acq On : 14 Aug 2024 07:16
 Operator : JC\MD
 Sample : P3451-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 07:59:42 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)

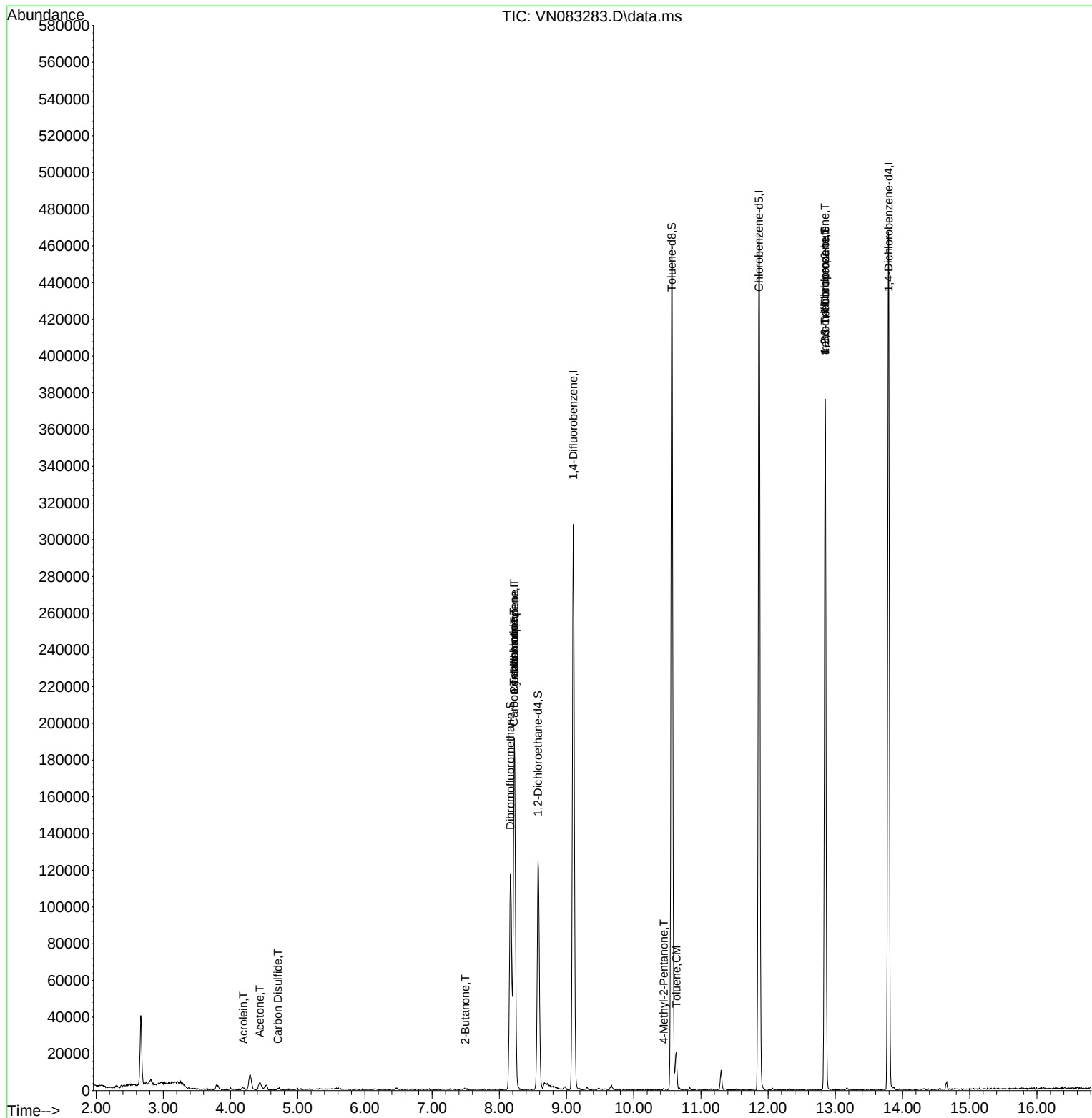
Internal Standards						
1) Pentafluorobenzene	8.224	168	130924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106234	57.006	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.020%		
35) Dibromofluoromethane	8.165	113	84689	52.628	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.260%		
50) Toluene-d8	10.565	98	319644	53.250	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.500%		
62) 4-Bromofluorobenzene	12.847	95	135397	57.857	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 115.720%		
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	1551	6.145	ug/l	84
16) Acetone	4.436	43	7802	10.699	ug/l	93
17) Carbon Disulfide	4.706	76	1155	0.272	ug/l #	75
25) 2-Butanone	7.494	43	1067	0.953	ug/l #	53
31) Cyclohexane	8.224	56	3264	1.182	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	11448	4.703	ug/l #	51
38) Carbon Tetrachloride	8.218	117	14538	5.302	ug/l #	16
43) Isopropyl Acetate	8.671	43	2117	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.447	43	765	0.297	ug/l #	39
52) Toluene	10.635	92	9096	1.985	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	74202	27.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74202	59.710	ug/l #	6

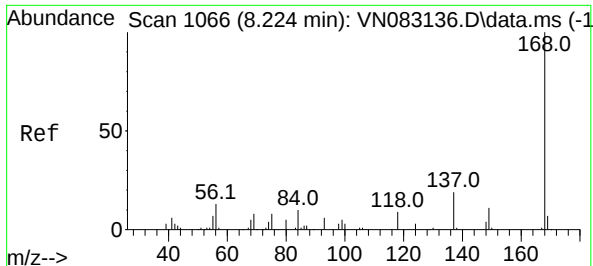
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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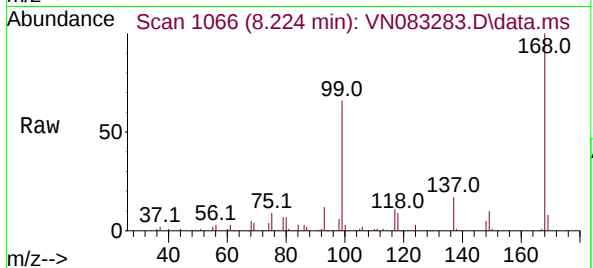
Quant Time: Aug 14 07:59:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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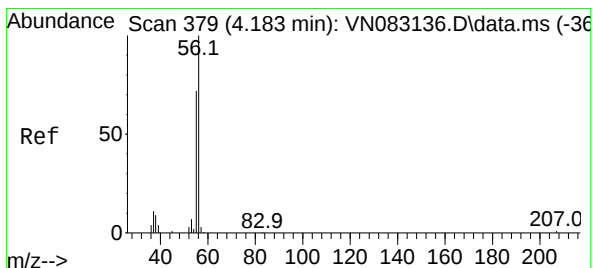
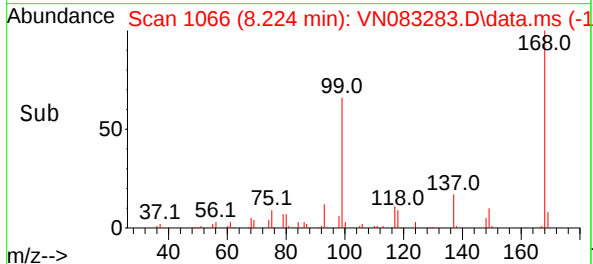
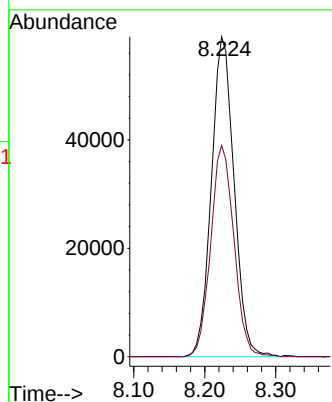


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Instrument :
MSVOA_N
ClientSampleId :

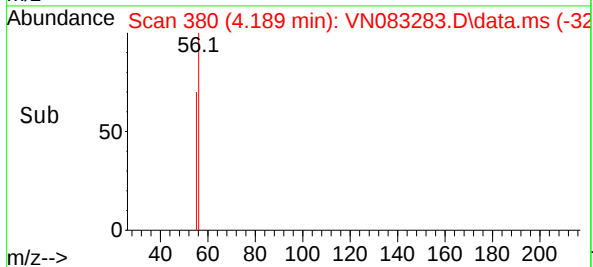
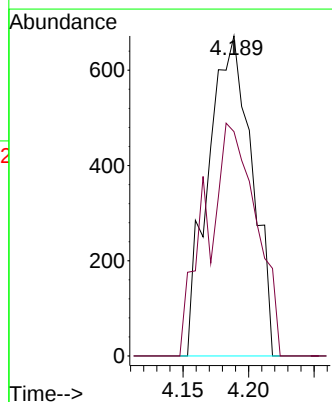
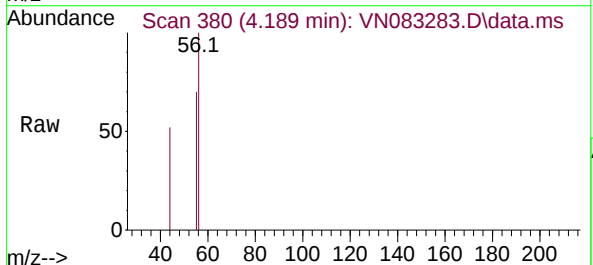


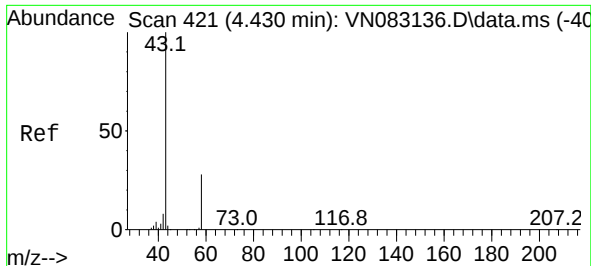
Tgt Ion:168 Resp: 130924
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#13
Acrolein
Concen: 6.145 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

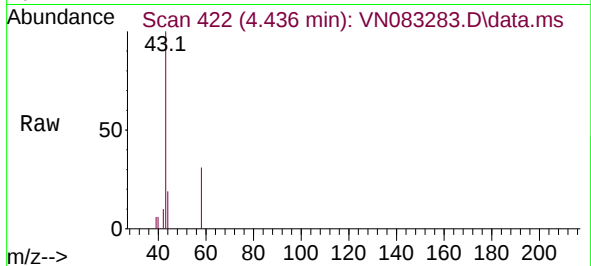
Tgt Ion: 56 Resp: 1551
Ion Ratio Lower Upper
56 100
55 83.4 56.4 84.6



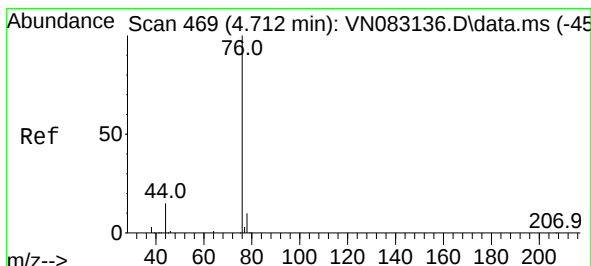
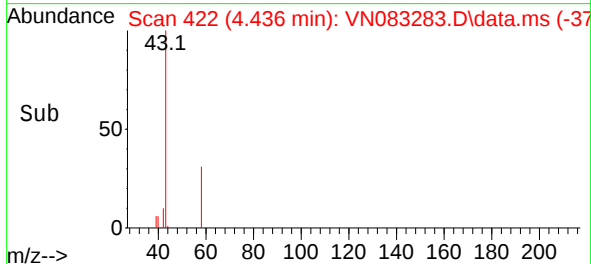
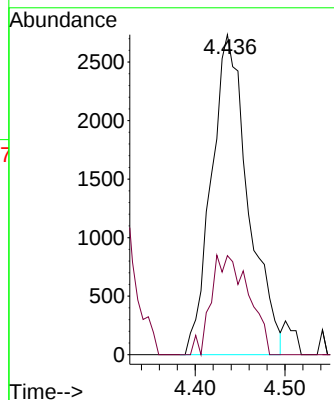


#16
Acetone
Concen: 10.699 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Instrument :
MSVOA_N
ClientSampleId :

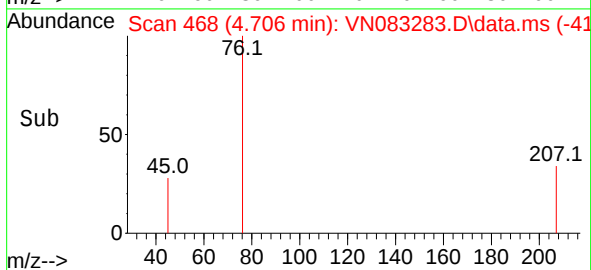
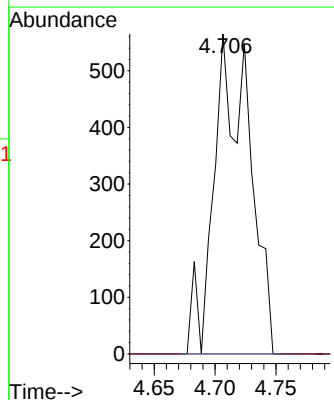
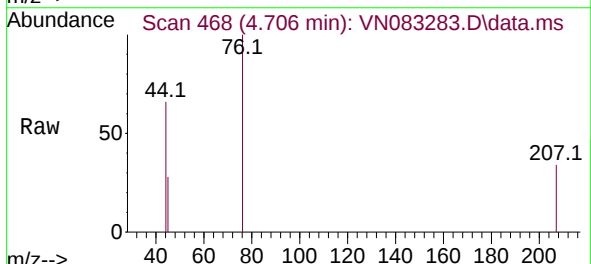


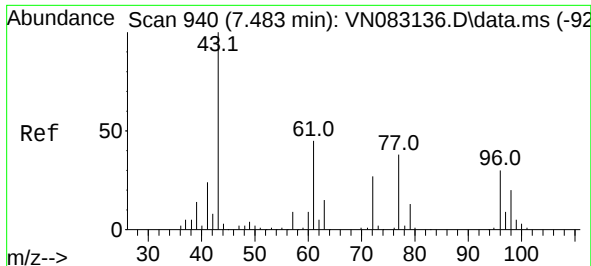
Tgt Ion: 43 Resp: 7802
Ion Ratio Lower Upper
43 100
58 30.9 21.8 32.6



#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 76 Resp: 1155
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 0.953 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Instrument :

MSVOA_N

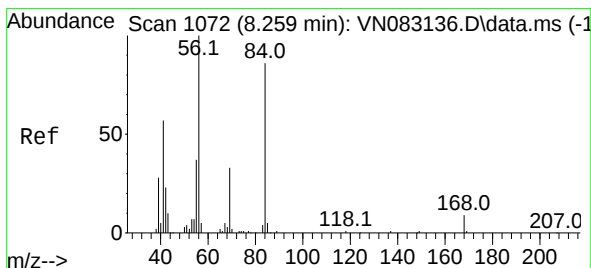
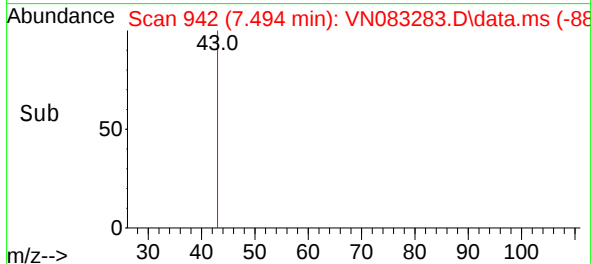
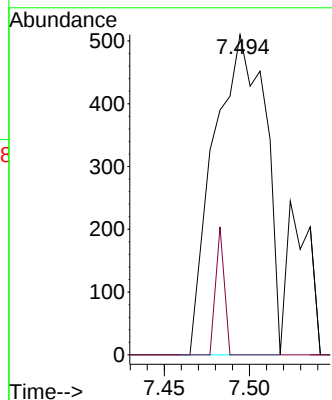
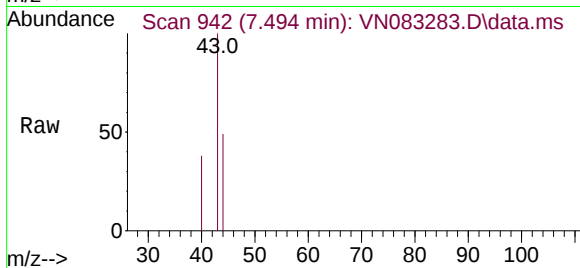
ClientSampleId :

Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#



#31

Cyclohexane

Concen: 1.182 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

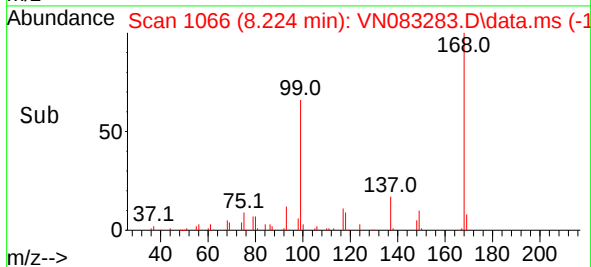
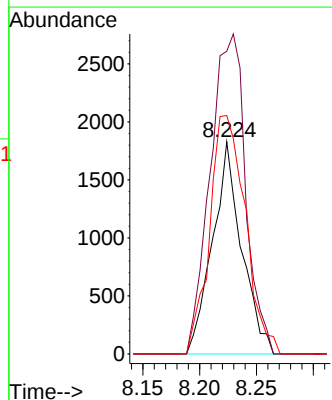
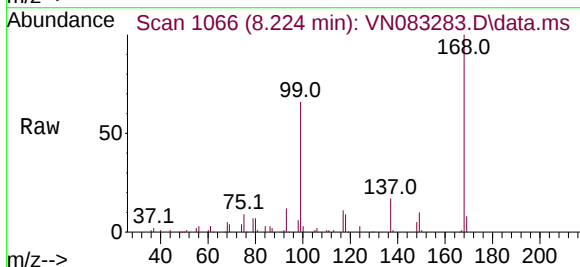
Tgt Ion: 56 Resp: 3264

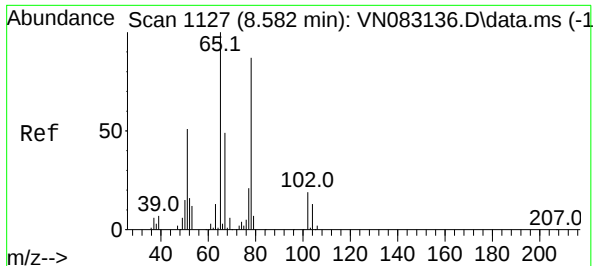
Ion Ratio Lower Upper

56 100

69 142.7 24.5 36.7#

84 112.4 66.0 99.0#

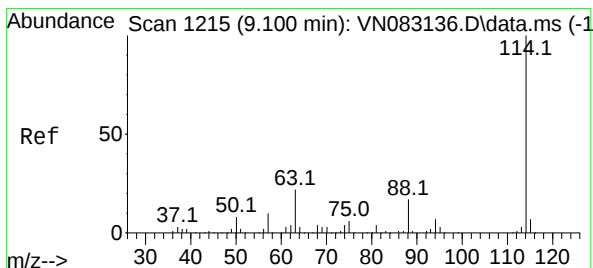
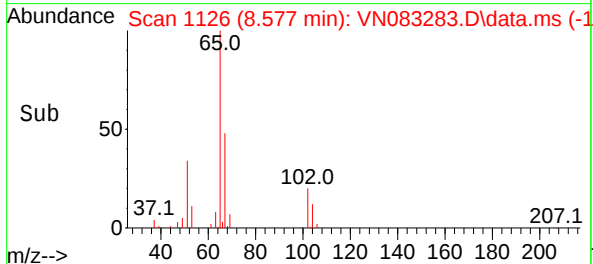
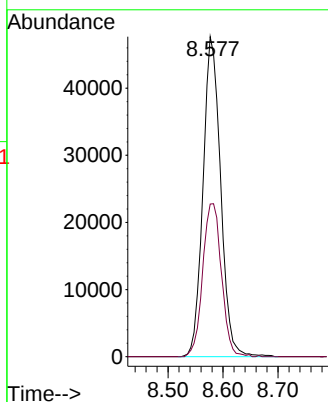
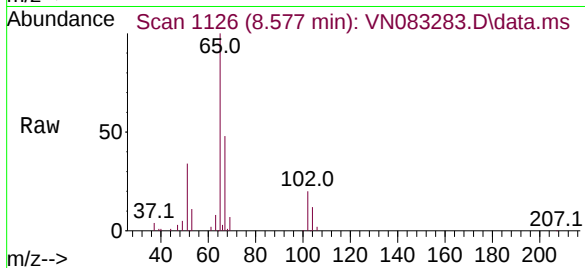




#33
1,2-Dichloroethane-d4
Concen: 57.006 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

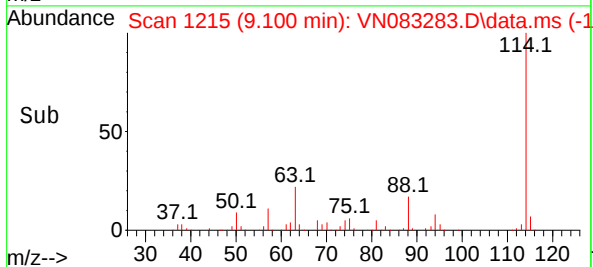
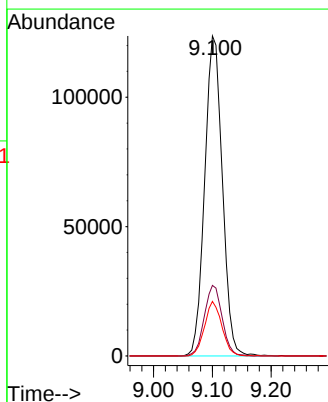
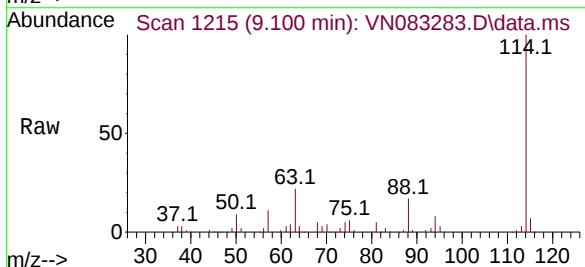
Instrument :
MSVOA_N
ClientSampleId :

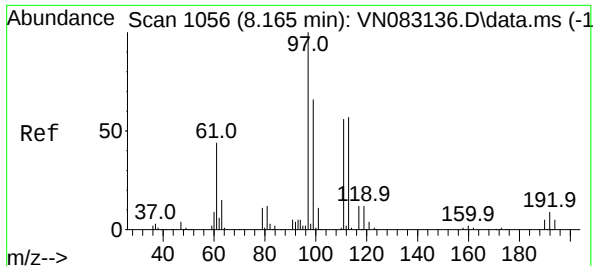
Tgt Ion: 65 Resp: 106234
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 114 Resp: 257809
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 17.0 0.0 31.4

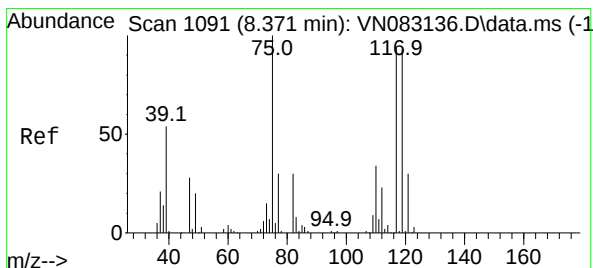
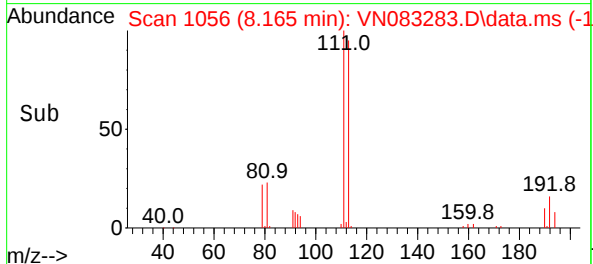
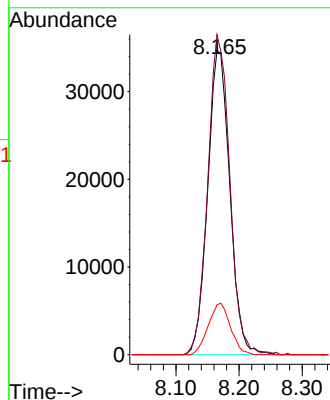
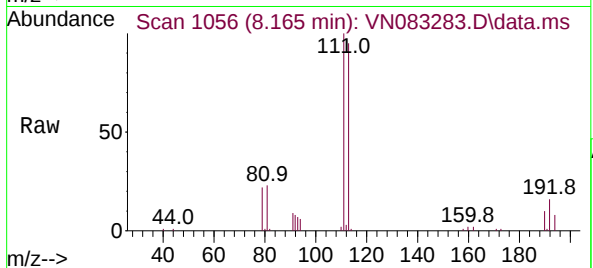




#35
Dibromofluoromethane
Concen: 52.628 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

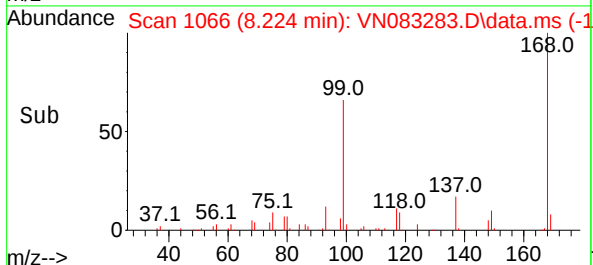
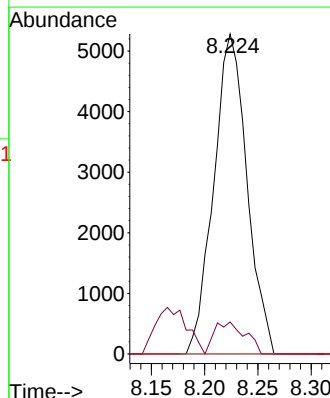
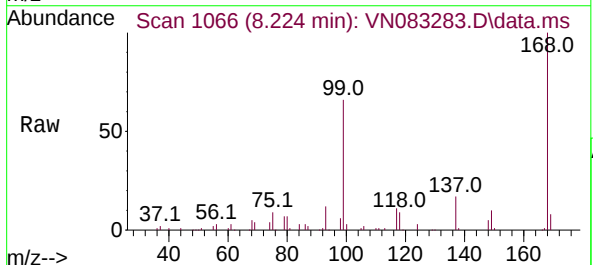
Instrument :
MSVOA_N
ClientSampleId :

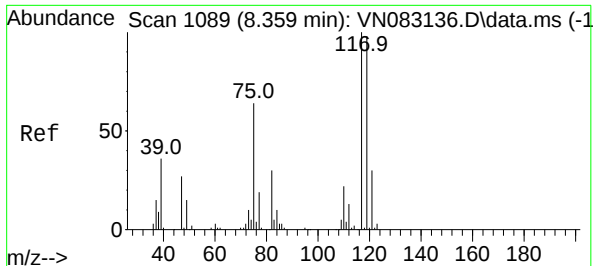
Tgt Ion:113 Resp: 84689
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 16.9 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 75 Resp: 11448
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.302 ug/l

RT: 8.218 min Scan# 1105

Delta R.T. -0.141 min

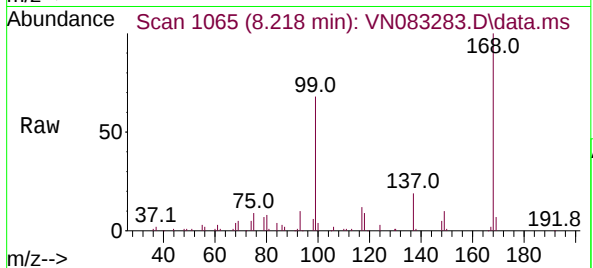
Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

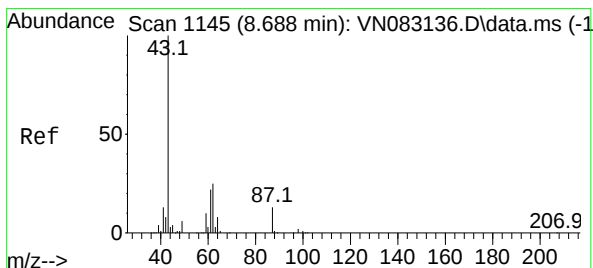
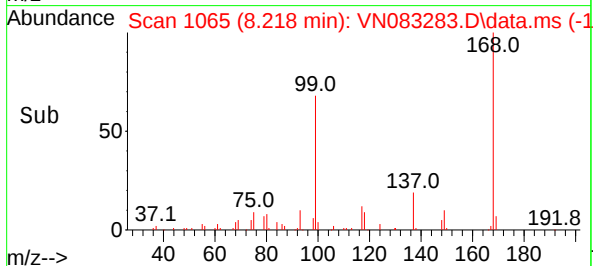
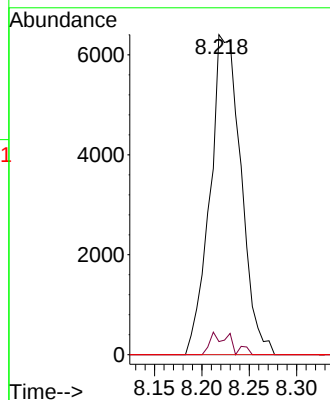
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	14538
Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

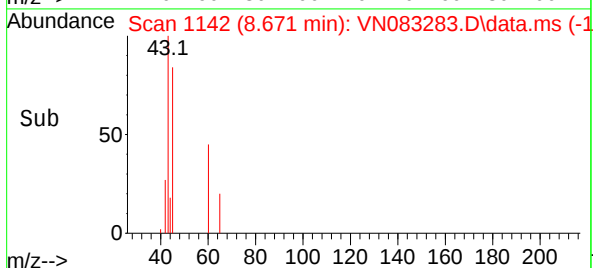
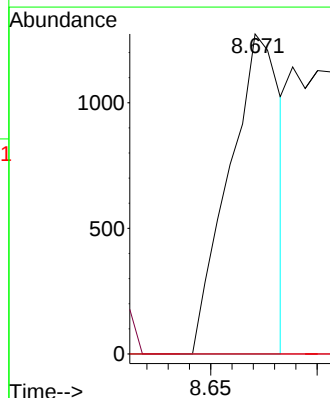
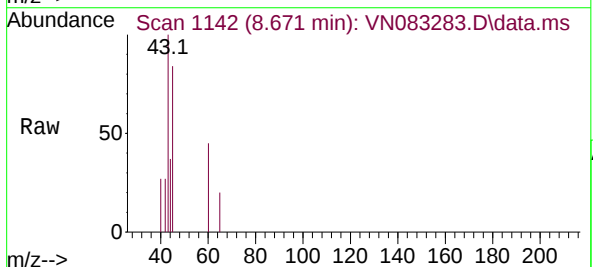
RT: 8.671 min Scan# 1142

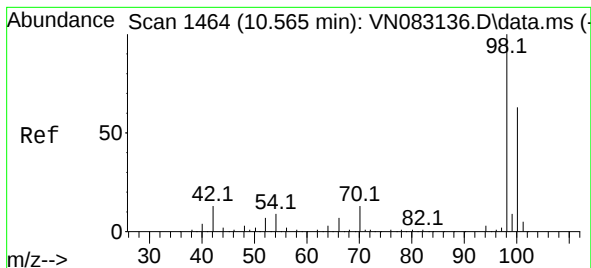
Delta R.T. -0.017 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Tgt Ion:	43	Resp:	2117
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#





#50

Toluene-d8

Concen: 53.250 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Instrument :

MSVOA_N

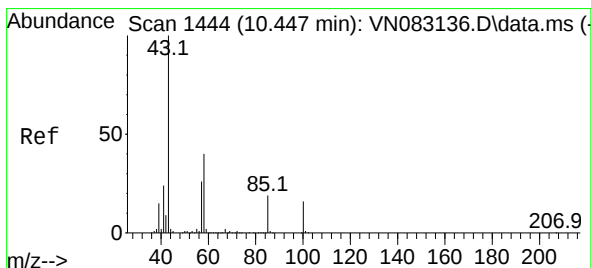
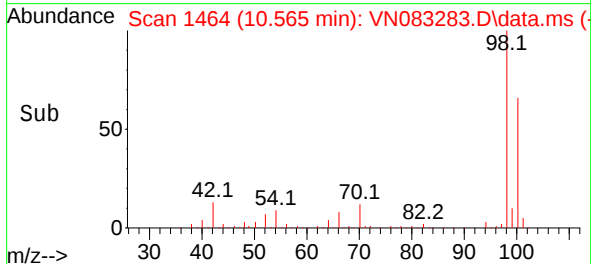
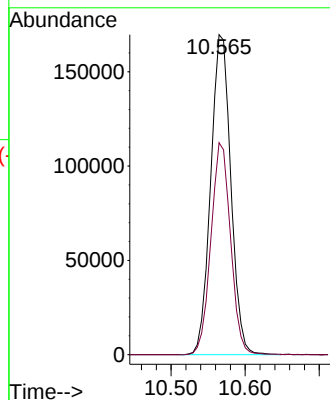
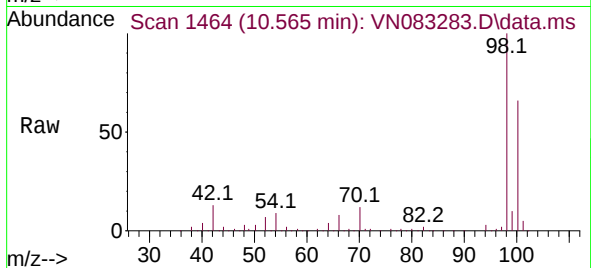
ClientSampleId :

Tgt Ion: 98 Resp: 319644

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.297 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN083283.D

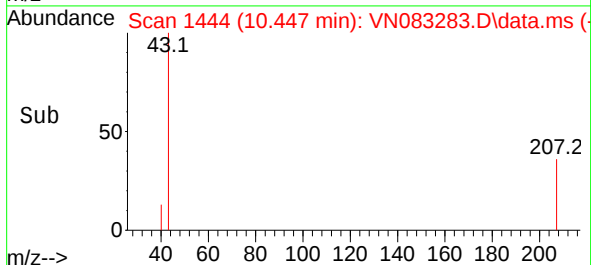
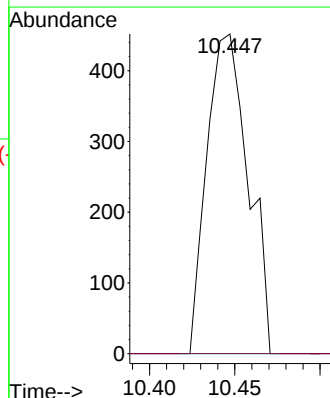
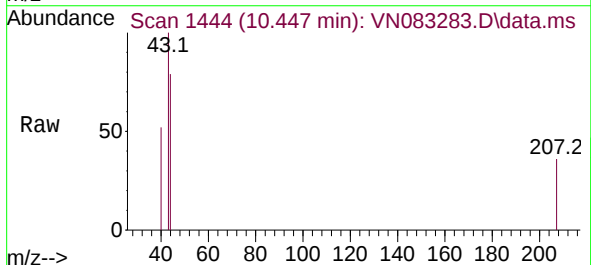
Acq: 14 Aug 2024 07:16

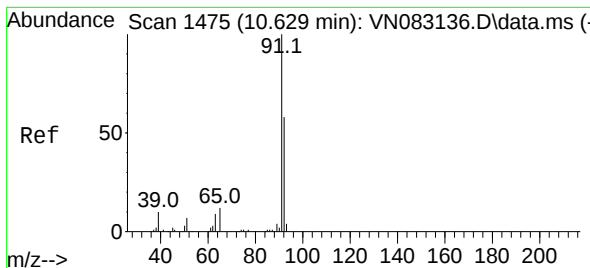
Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#





#52

Toluene

Concen: 1.985 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Instrument :

MSVOA_N

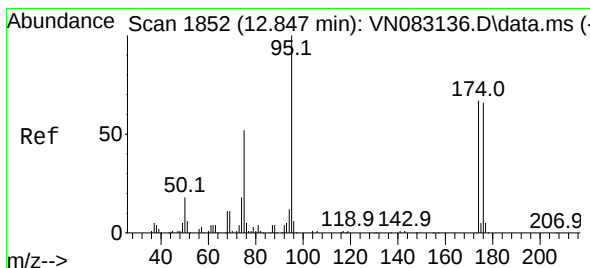
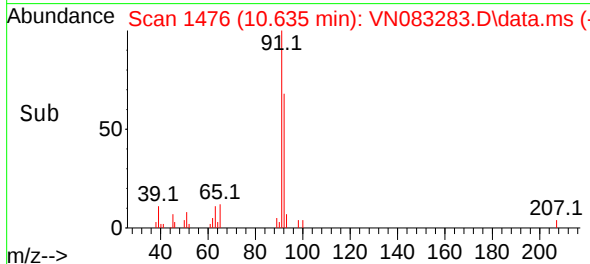
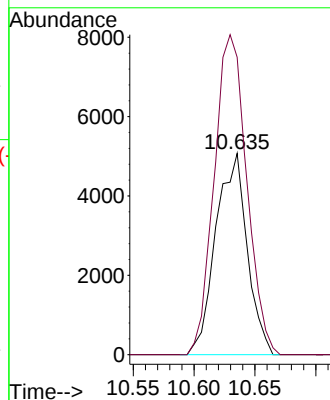
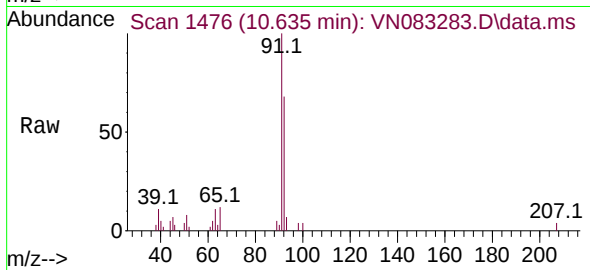
ClientSampleId :

Tgt Ion: 92 Resp: 9096

Ion Ratio Lower Upper

92 100

91 165.2 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 57.857 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

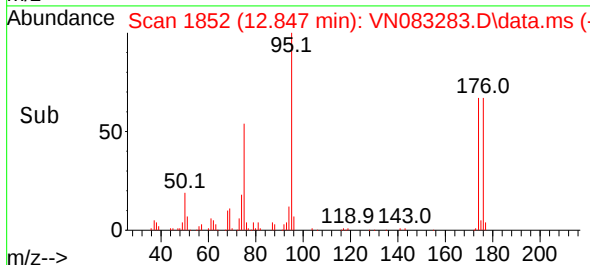
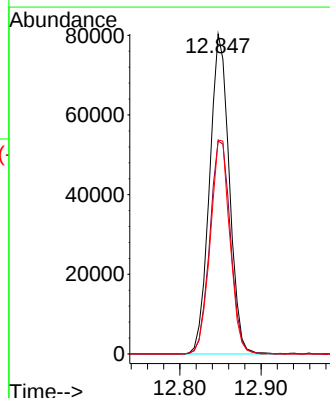
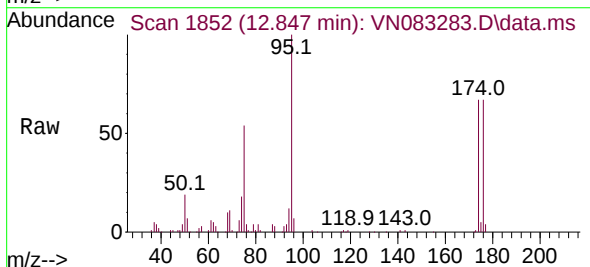
Tgt Ion: 95 Resp: 135397

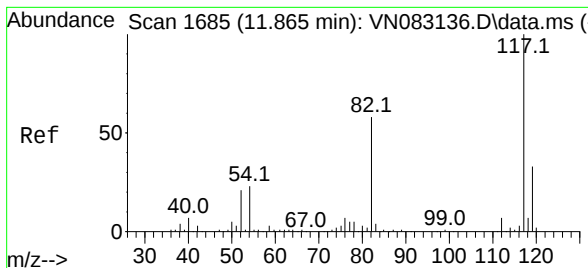
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 66.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Instrument :

MSVOA_N

ClientSampleId :

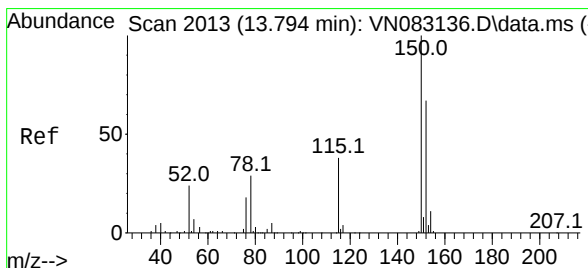
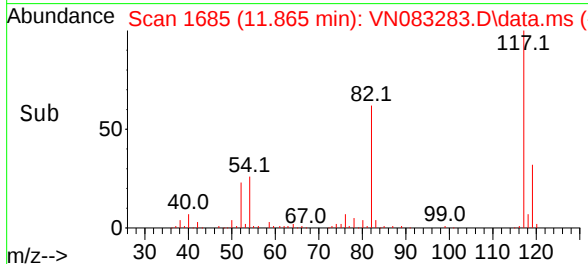
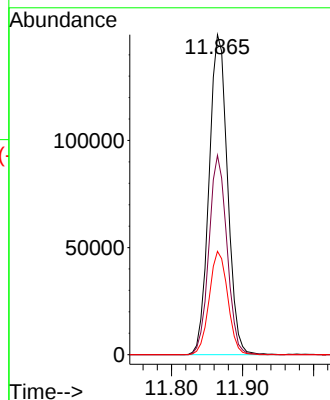
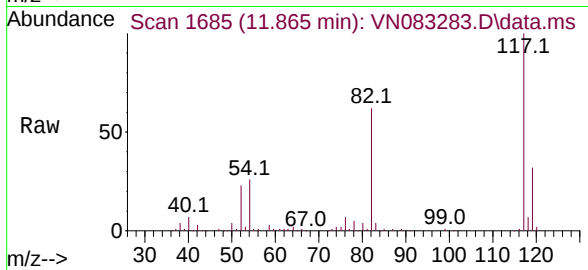
Tgt Ion:117 Resp: 269897

Ion Ratio Lower Upper

117 100

82 62.3 47.5 71.3

119 32.3 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: VN083283.D

Acq: 14 Aug 2024 07:16

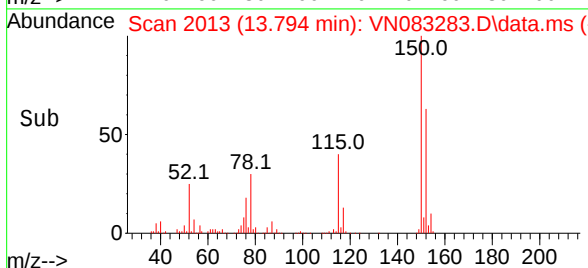
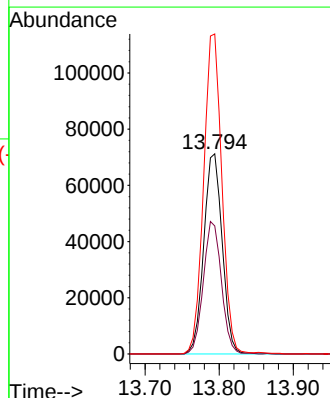
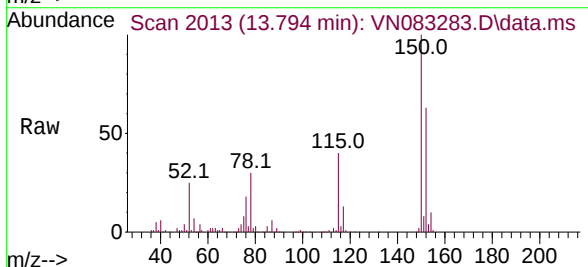
Tgt Ion:152 Resp: 123166

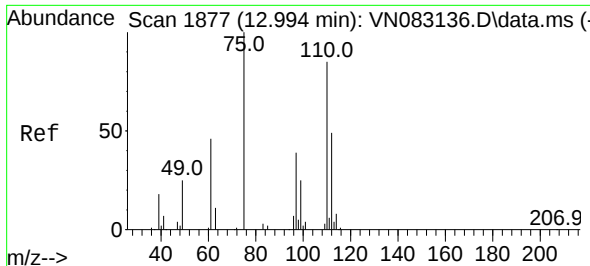
Ion Ratio Lower Upper

152 100

115 64.9 30.6 91.6

150 157.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.450 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Instrument :

MSVOA_N

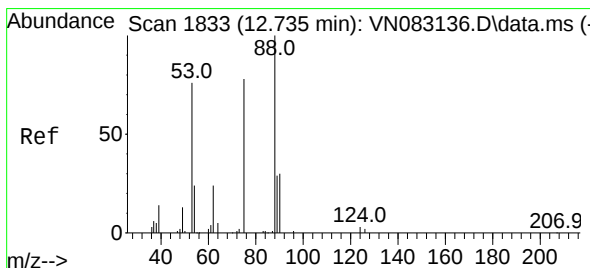
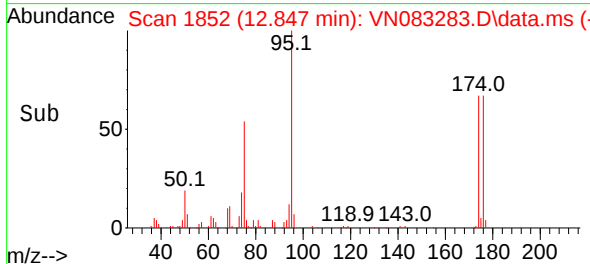
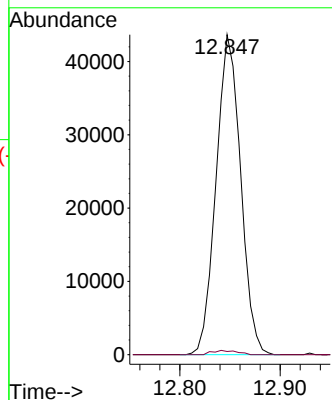
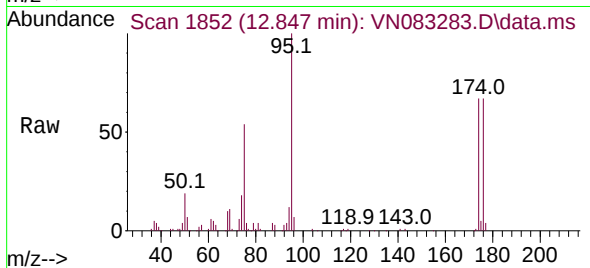
ClientSampleId :

Tgt Ion: 75 Resp: 74202

Ion Ratio Lower Upper

75 100

77 1.4 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.710 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083283.D

Acq: 14 Aug 2024 07:16

Tgt Ion: 75 Resp: 74202

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

