

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083282.D
 Acq On : 14 Aug 2024 06:52
 Operator : JC\MD
 Sample : P3467-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 07:59:21 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	125566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102974	57.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.220%
35) Dibromofluoromethane	8.171	113	80717	51.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.420%
50) Toluene-d8	10.565	98	309544	53.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.847	95	121499	53.523	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.040%

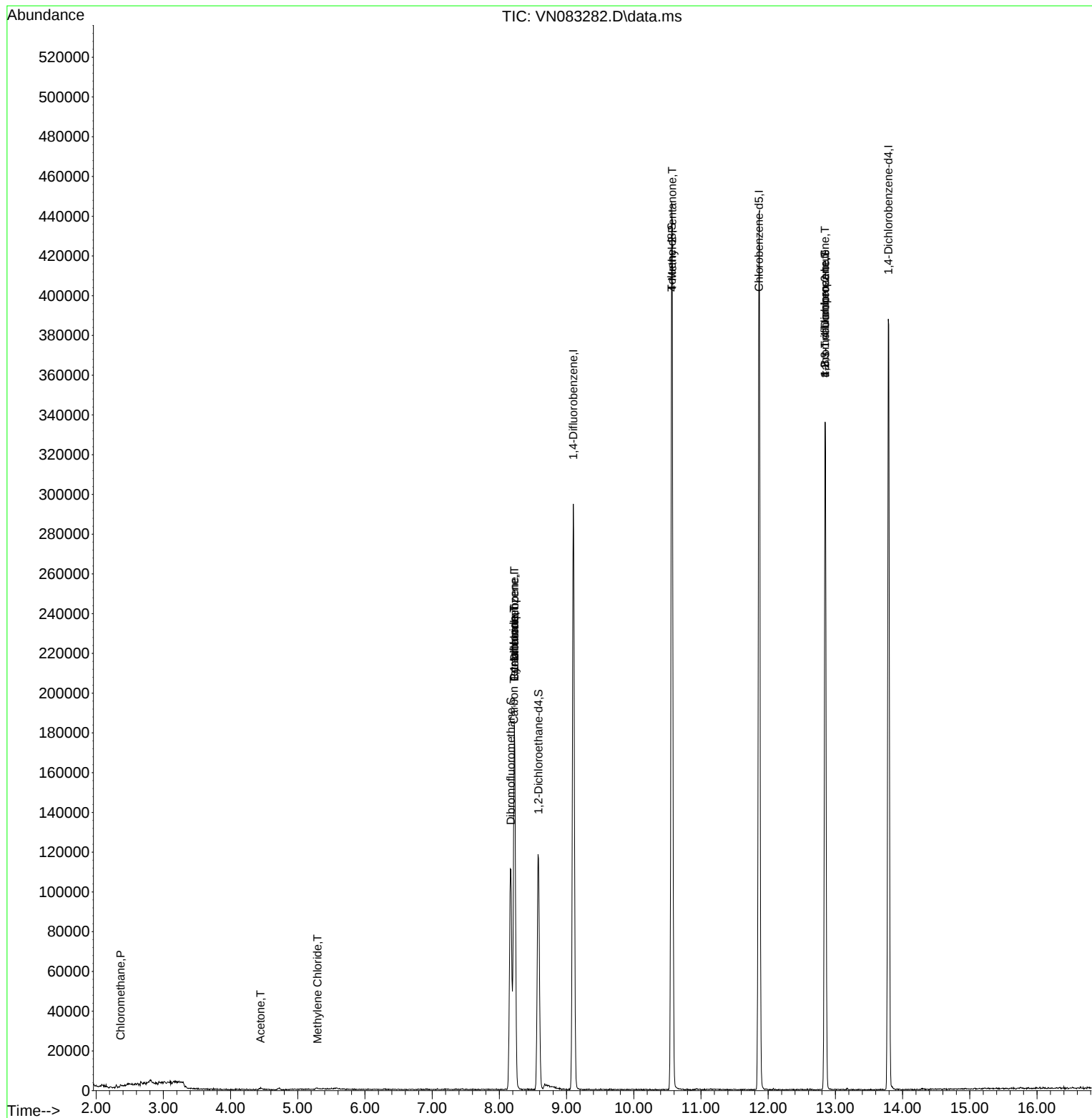
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	814	0.558	ug/l	96
16) Acetone	4.447	43	1576	2.253	ug/l #	48
20) Methylene Chloride	5.294	84	379	0.235	ug/l #	26
31) Cyclohexane	8.224	56	3188	1.204	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11510	4.874	ug/l #	52
38) Carbon Tetrachloride	8.218	117	14194	5.337	ug/l #	16
43) Isopropyl Acetate	8.677	43	2266	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1739	0.696	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67387	29.937	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67387	65.121	ug/l #	6

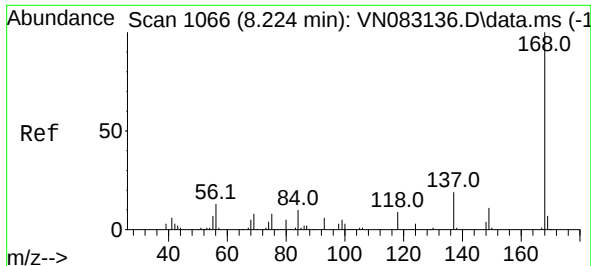
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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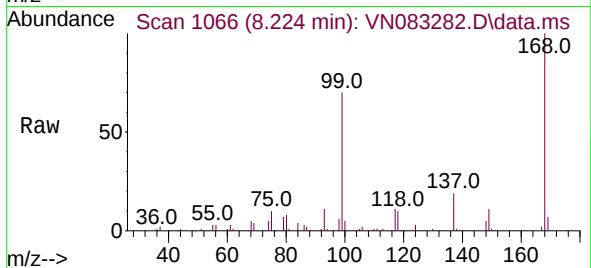
Quant Time: Aug 14 07:59:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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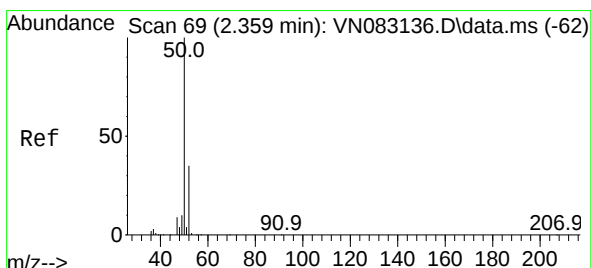
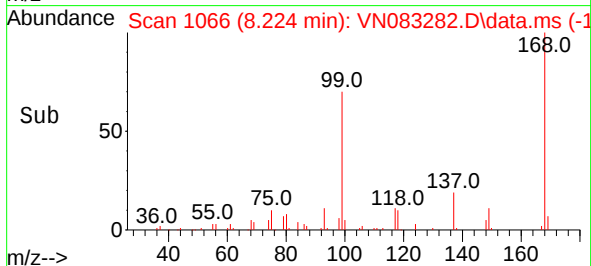
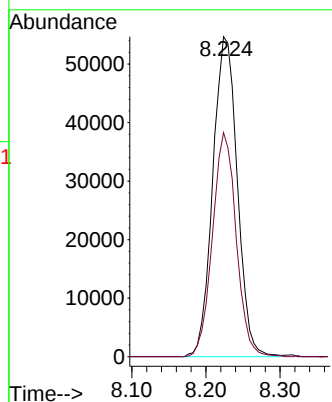


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Instrument :
MSVOA_N
ClientSampleId :

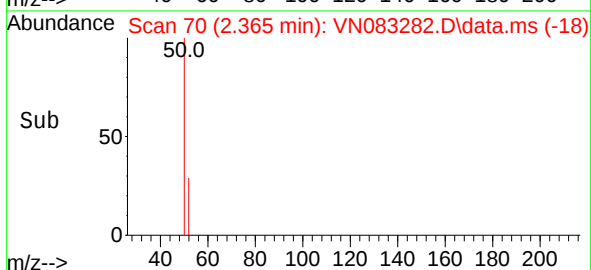
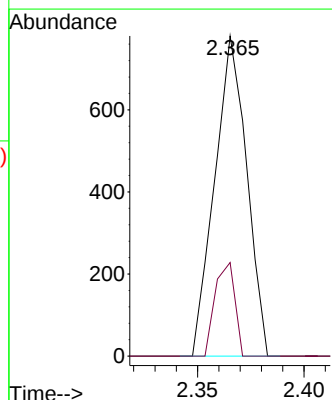
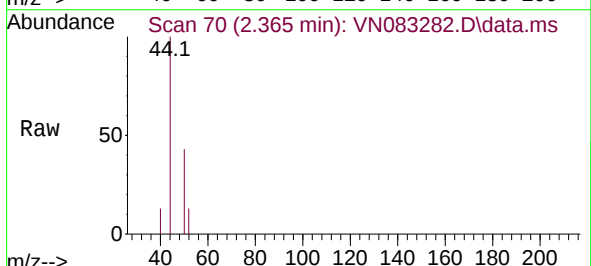


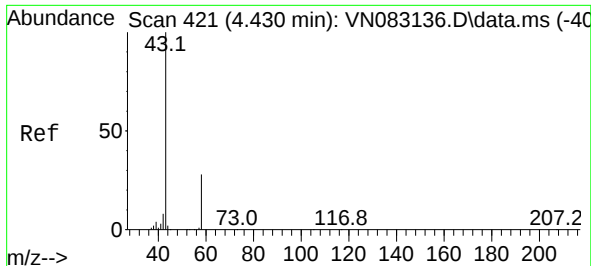
Tgt Ion:168 Resp: 125566
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#3
Chloromethane
Concen: 0.558 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 29.2 25.0 37.4

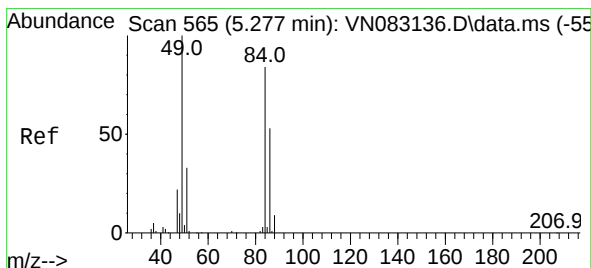
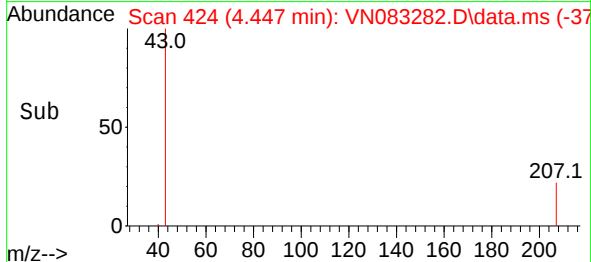
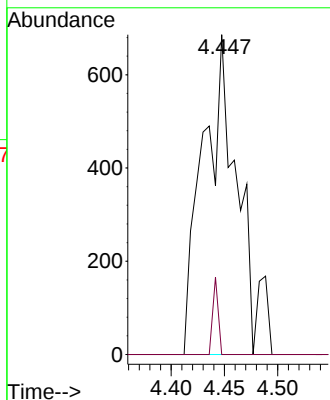
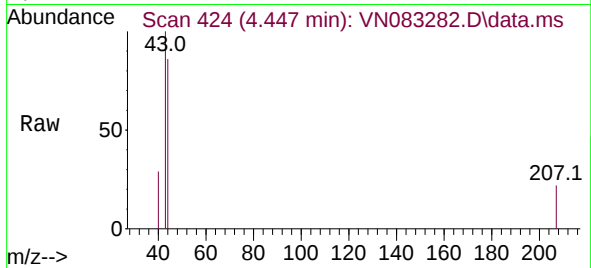




#16
Acetone
Concen: 2.253 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

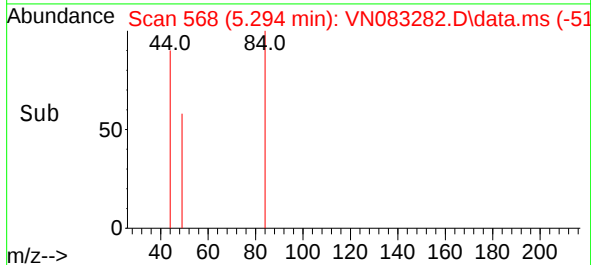
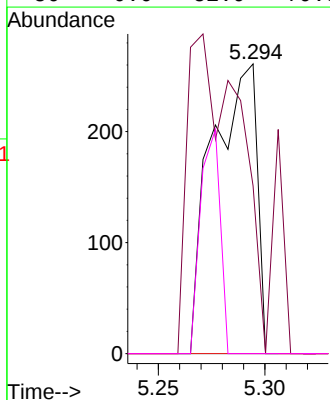
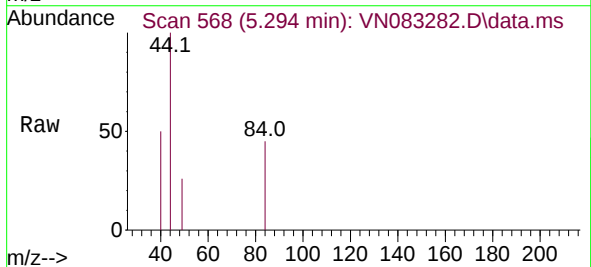
Instrument :
MSVOA_N
ClientSampleId :

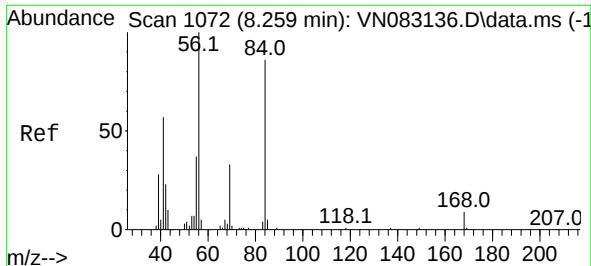
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.018 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion: 84 Resp: 379
Ion Ratio Lower Upper
84 100
49 57.9 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#





#31

Cyclohexane

Concen: 1.204 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.035 min

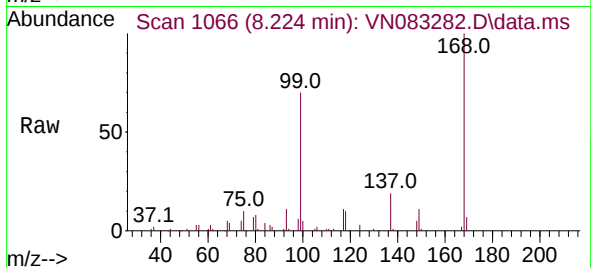
Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

Instrument :

MSVOA_N

ClientSampleId :



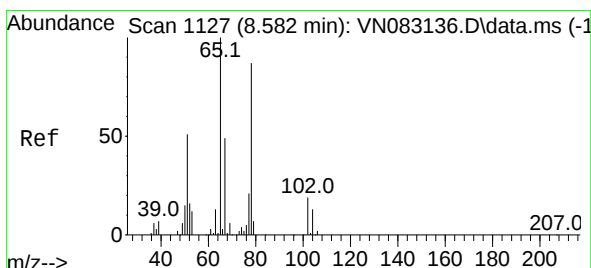
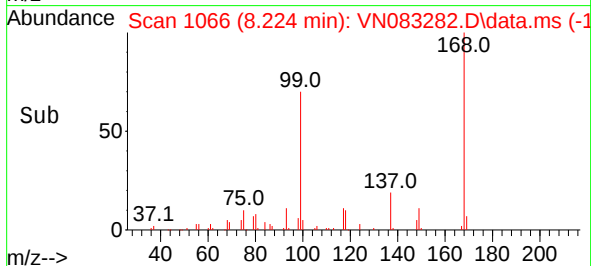
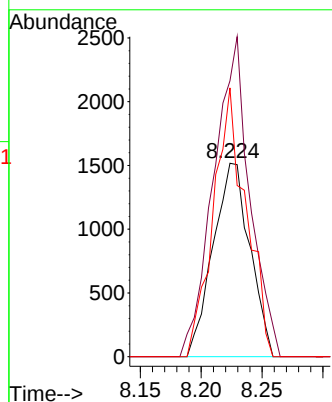
Tgt Ion: 56 Resp: 3188

Ion Ratio Lower Upper

56 100

69 142.6 24.5 36.7#

84 139.0 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 57.615 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083282.D

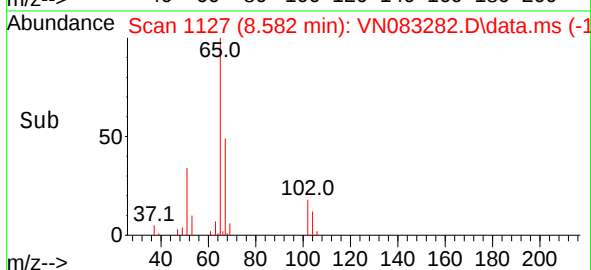
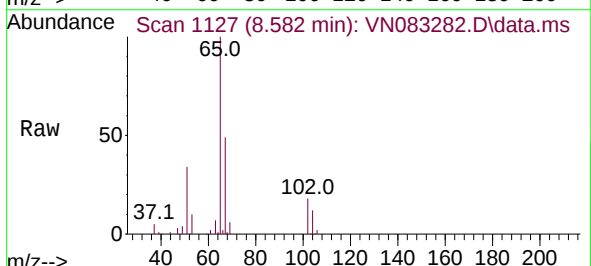
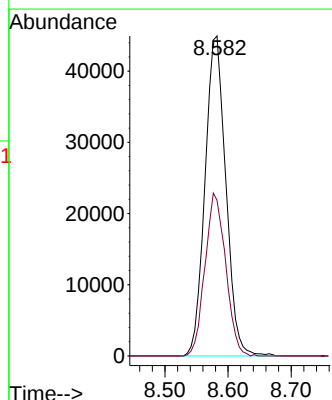
Acq: 14 Aug 2024 06:52

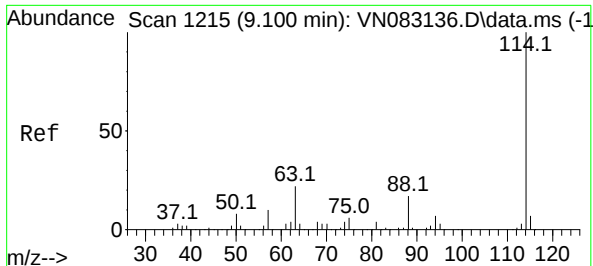
Tgt Ion: 65 Resp: 102974

Ion Ratio Lower Upper

65 100

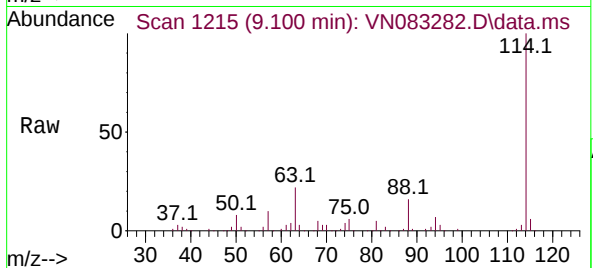
67 50.5 0.0 104.4



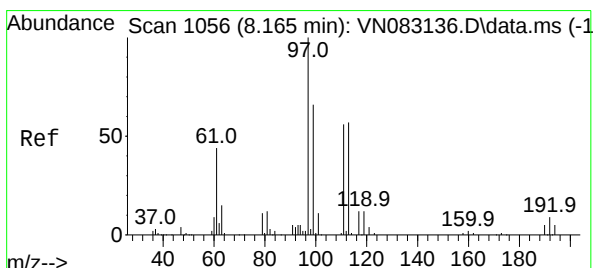
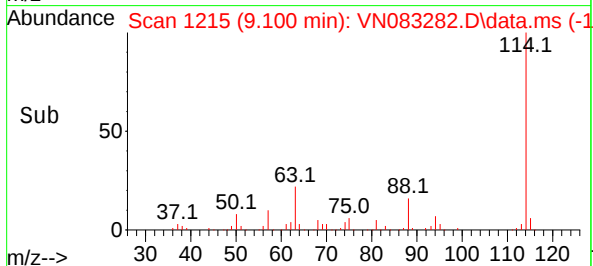
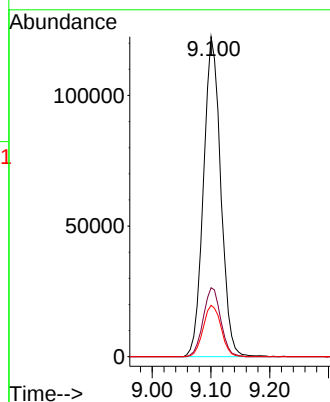


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Instrument :
MSVOA_N
ClientSampleId :

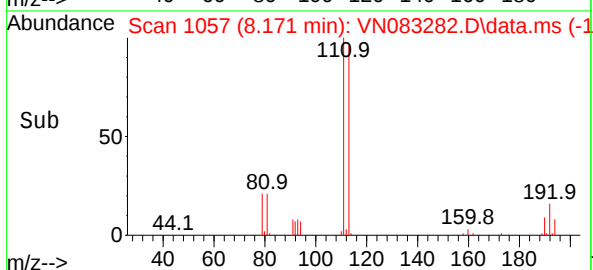
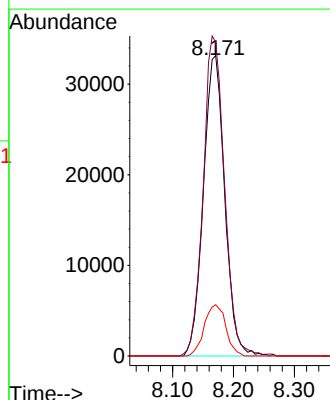
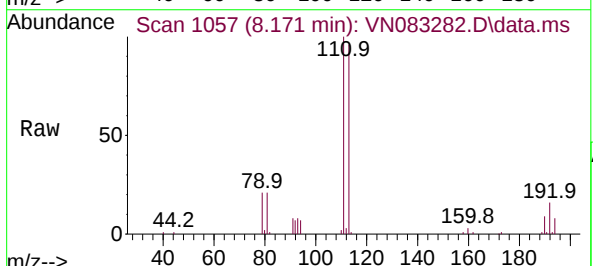


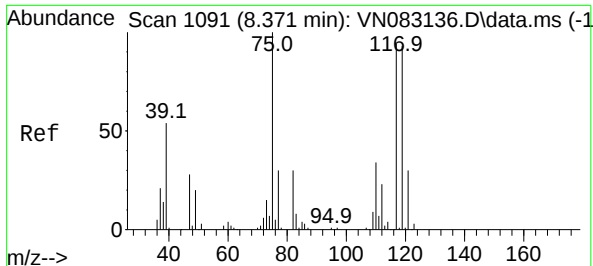
Tgt Ion:114 Resp: 250081
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.710 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion:113 Resp: 80717
Ion Ratio Lower Upper
113 100
111 106.5 82.4 123.6
192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.874 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083282.D

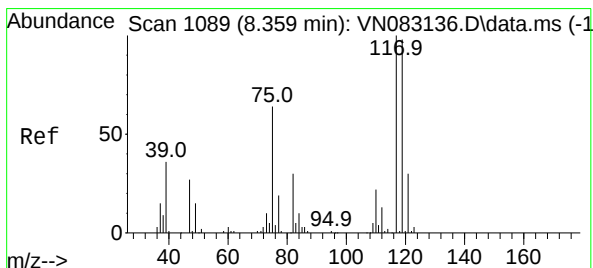
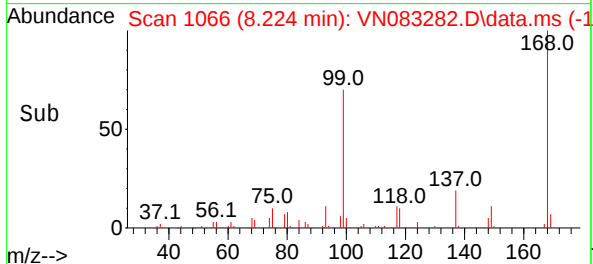
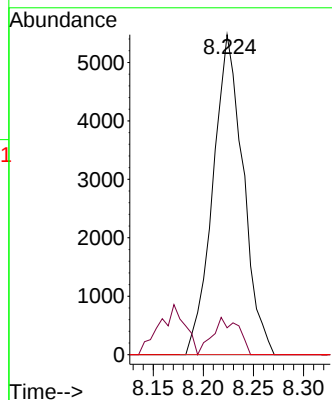
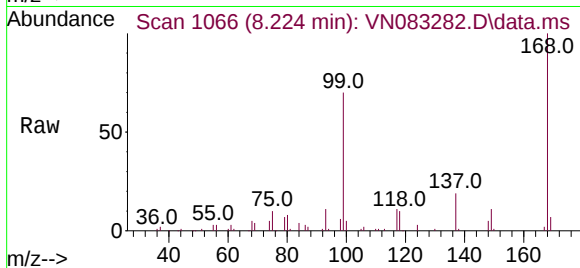
Acq: 14 Aug 2024 06:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 11510
Ion Ratio	Lower Upper
75	100
110	9.9 16.3 48.9#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.337 ug/l

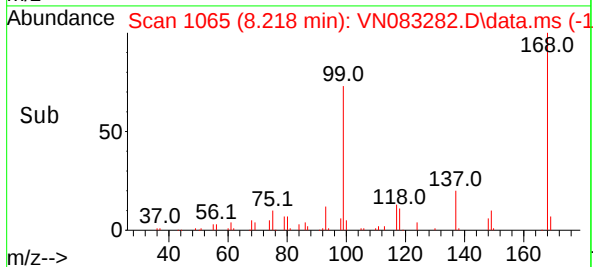
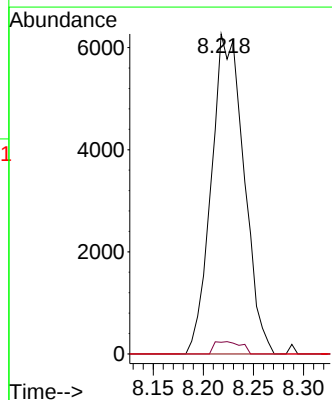
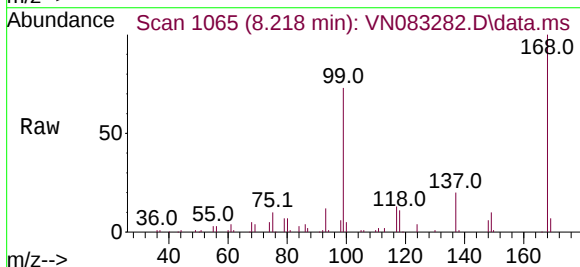
RT: 8.218 min Scan# 1065

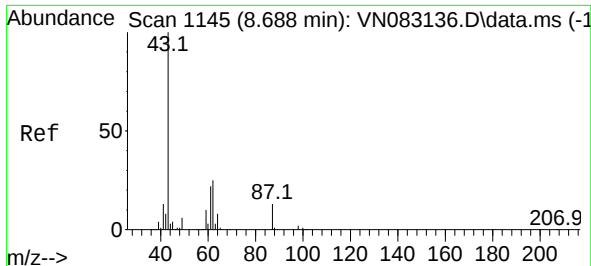
Delta R.T. -0.141 min

Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

Tgt Ion: 117	Resp: 14194
Ion Ratio	Lower Upper
117	100
119	3.7 74.9 112.3#
121	0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

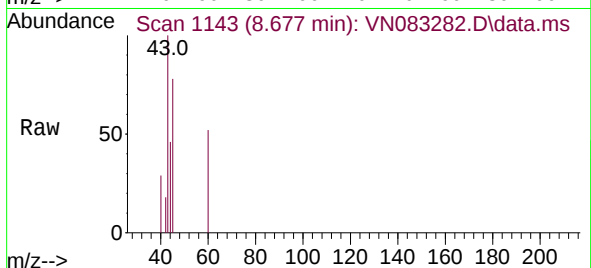
Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

Instrument :

MSVOA_N

ClientSampleId :



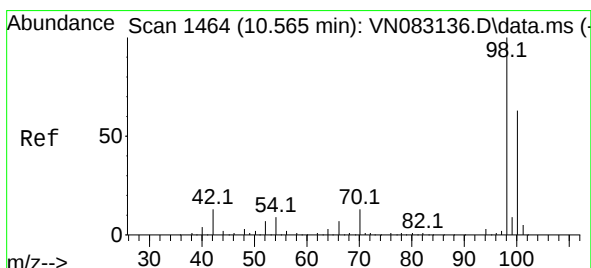
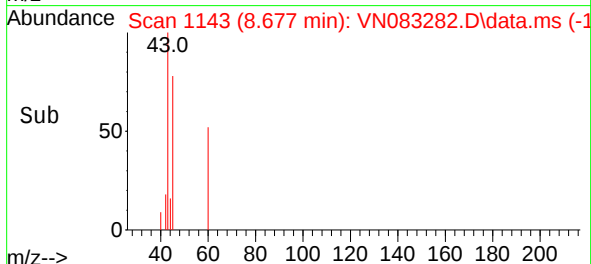
Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 53.161 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083282.D

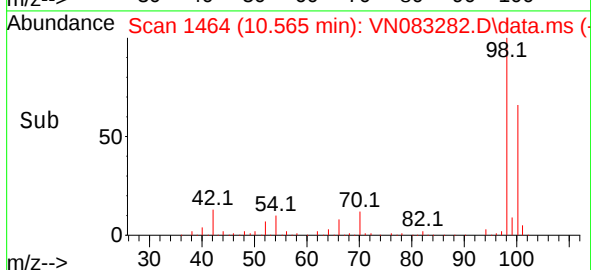
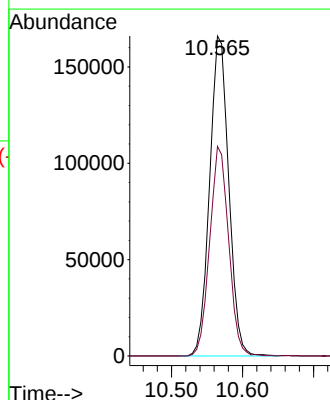
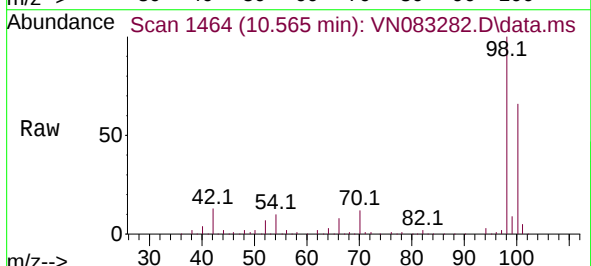
Acq: 14 Aug 2024 06:52

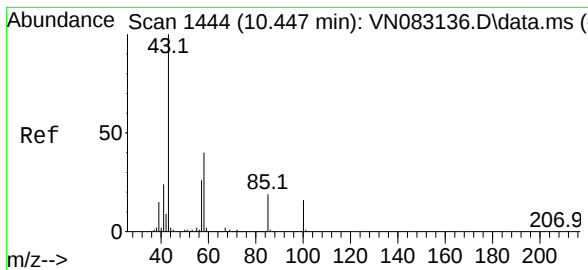
Tgt Ion: 98 Resp: 309544

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3

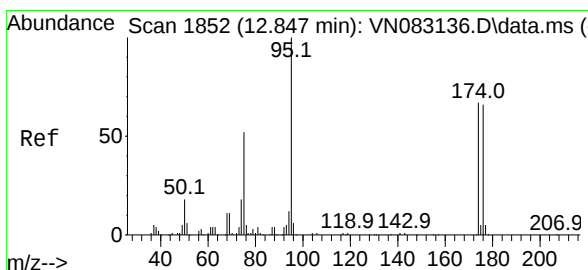
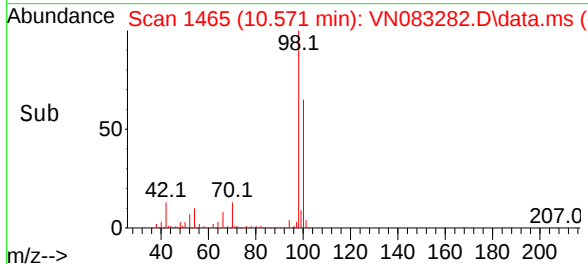
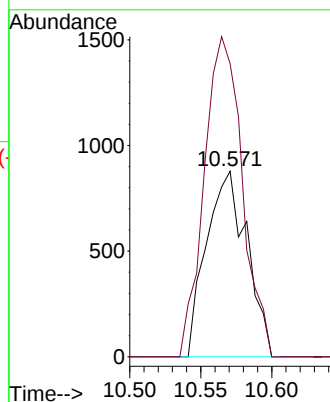
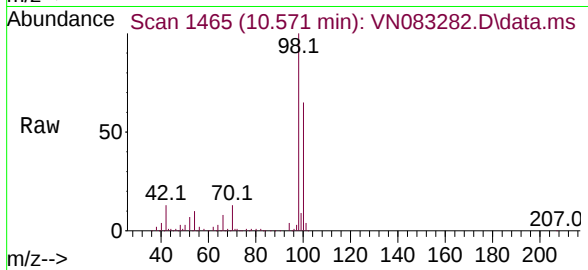




#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

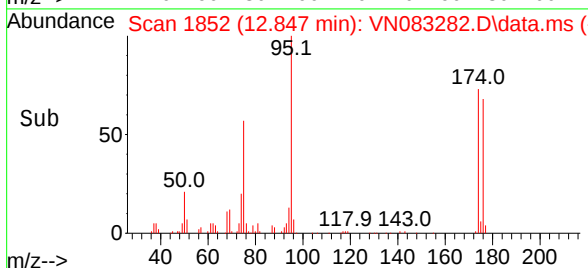
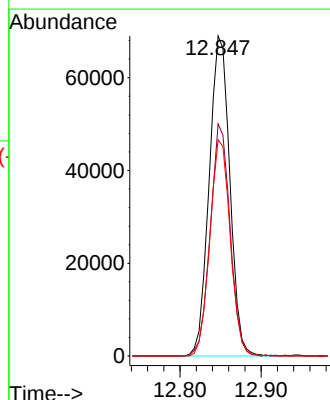
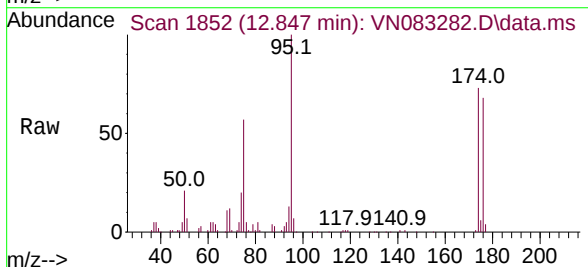
Instrument :
MSVOA_N
ClientSampleId :

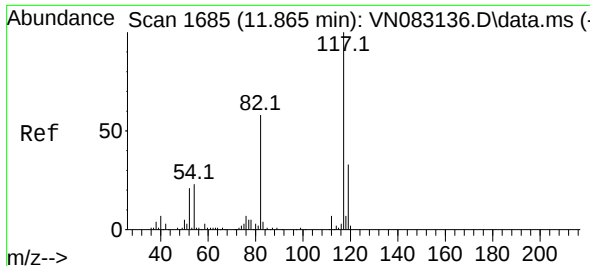
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 162.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 53.523 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion: 95 Resp: 121499
Ion Ratio Lower Upper
95 100
174 69.8 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: VN083282.D

Acq: 14 Aug 2024 06:52

Instrument :

MSVOA_N

ClientSampleId :

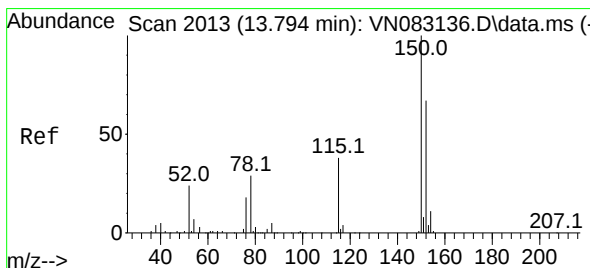
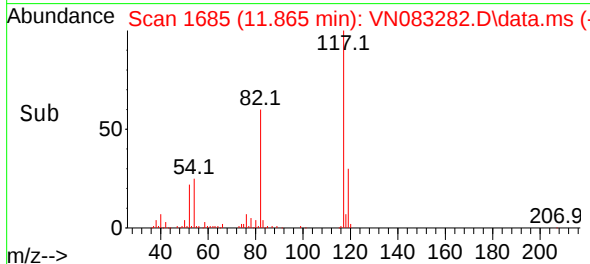
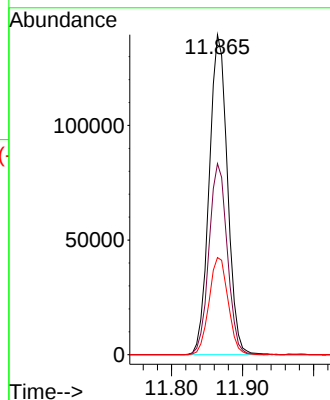
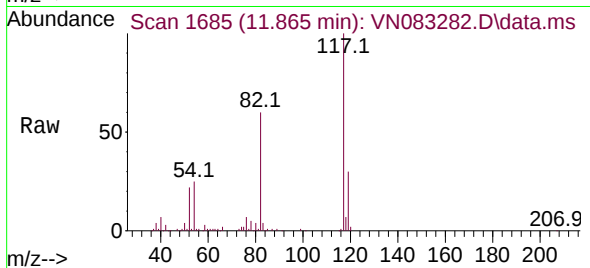
Tgt Ion:117 Resp: 249322

Ion Ratio Lower Upper

117 100

82 59.7 47.5 71.3

119 30.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

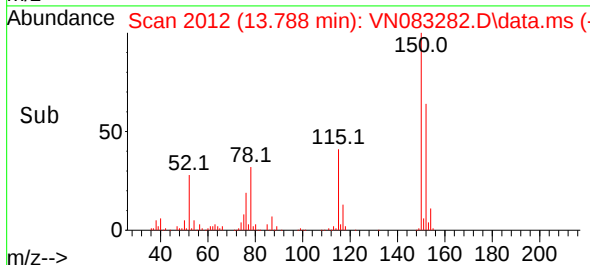
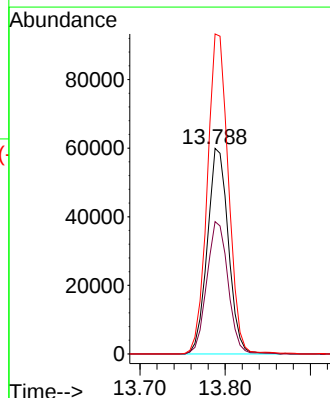
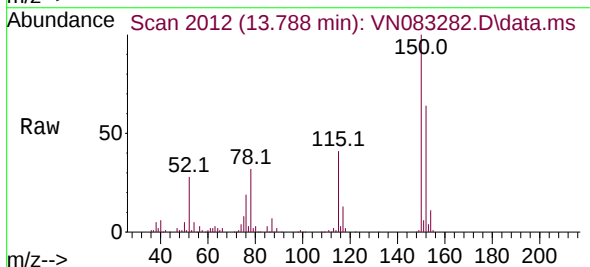
Tgt Ion:152 Resp: 102560

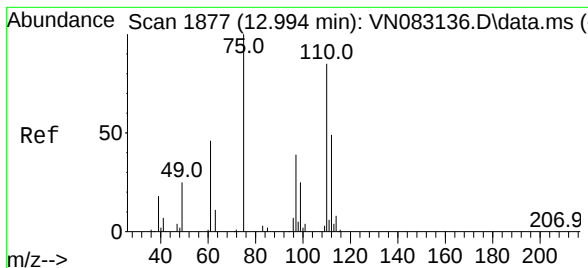
Ion Ratio Lower Upper

152 100

115 65.1 30.6 91.6

150 156.1 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 29.937 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

Instrument :

MSVOA_N

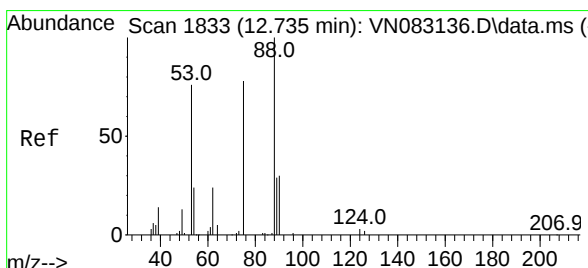
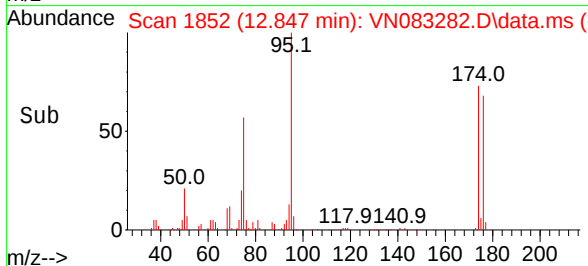
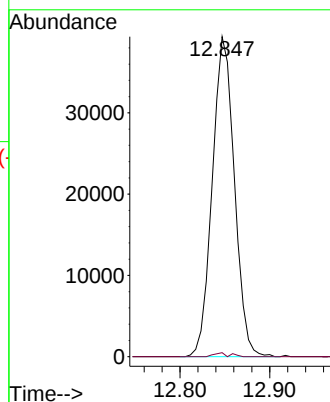
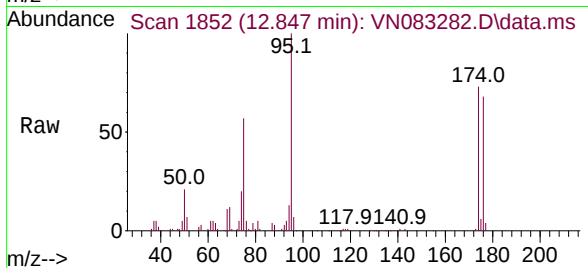
ClientSampleId :

Tgt Ion: 75 Resp: 67387

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.121 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083282.D

Acq: 14 Aug 2024 06:52

Tgt Ion: 75 Resp: 67387

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

