

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083080.D
 Acq On : 30 Jul 2024 20:17
 Operator : JC\MD
 Sample : PB162353ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:08:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

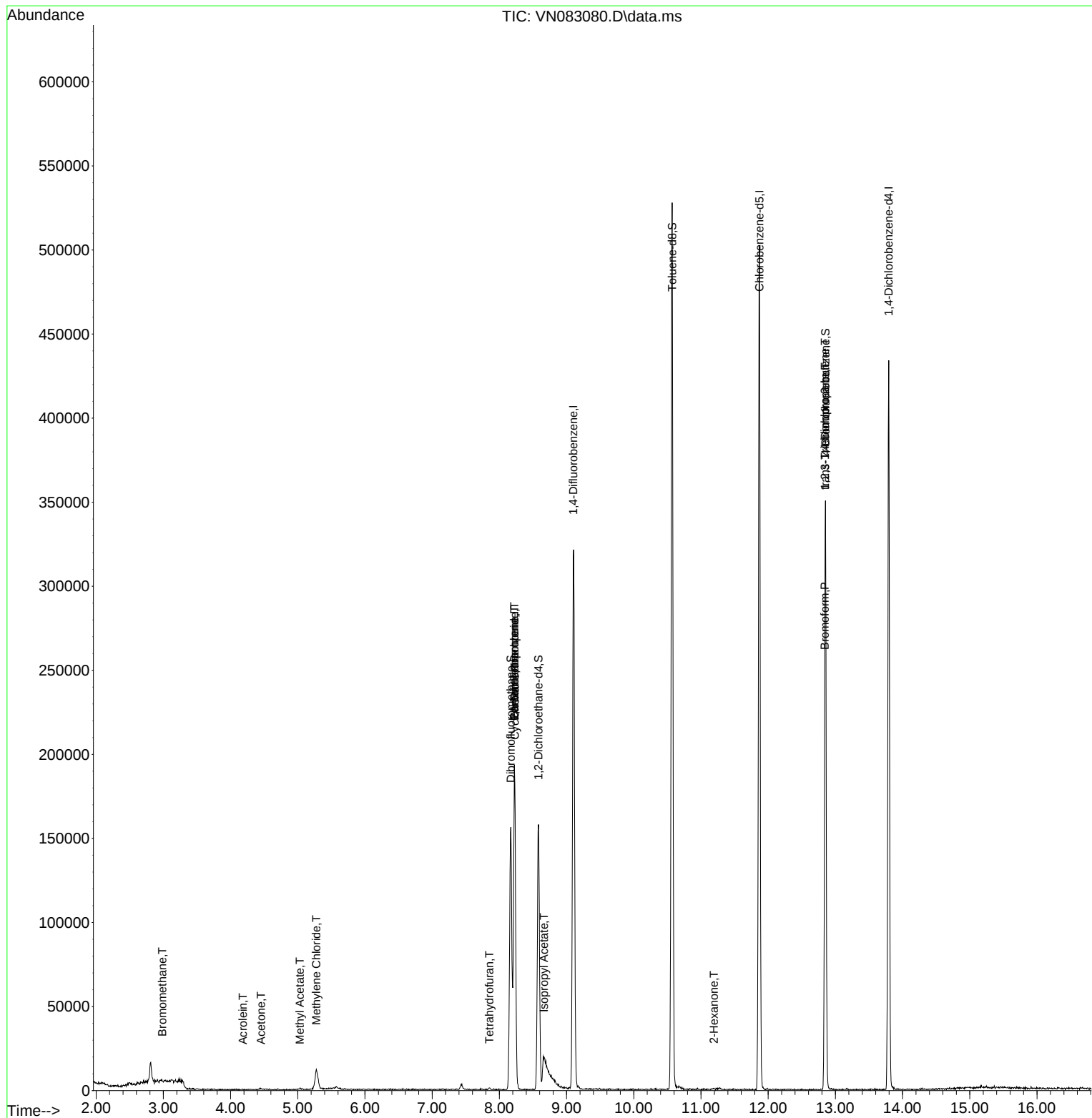
Internal Standards						
1) Pentafluorobenzene	8.224	168	129273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129850	71.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.320%#			
35) Dibromofluoromethane	8.171	113	109592	63.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 127.720%#			
50) Toluene-d8	10.571	98	353663	55.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.600%			
62) 4-Bromofluorobenzene	12.853	95	103724	45.556	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.120%			
Target Compounds					Qvalue	
5) Bromomethane	2.983	94	448	0.373	ug/l #	1
13) Acrolein	4.183	56	146	0.663	ug/l #	14
16) Acetone	4.453	43	1232	1.931	ug/l #	48
18) Methyl Acetate	5.030	43	514	0.304	ug/l #	83
20) Methylene Chloride	5.277	84	9646	6.260	ug/l	84
29) Tetrahydrofuran	7.853	42	573	0.945	ug/l #	59
31) Cyclohexane	8.229	56	3866	1.632	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	11503	4.862	ug/l #	52
38) Carbon Tetrachloride	8.224	117	14359	5.040	ug/l #	17
43) Isopropyl Acetate	8.665	43	15785	0.540	ug/l #	60
59) 2-Hexanone	11.194	43	361	0.203	ug/l #	28
71) Bromoform	12.841	173	1657	0.987	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60531	30.735	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60531	60.446	ug/l #	6

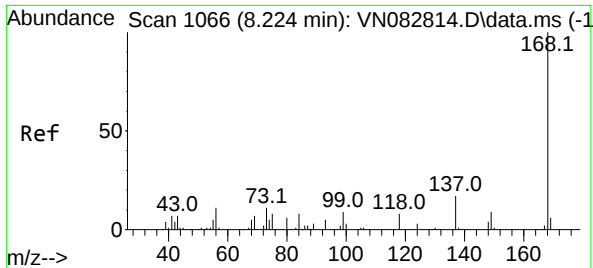
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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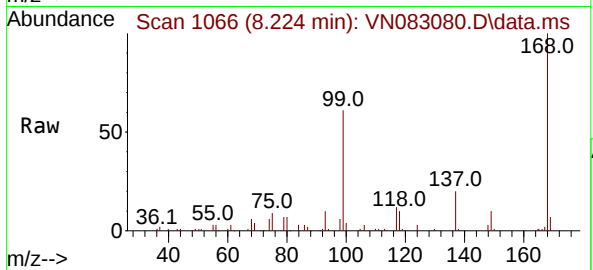
Quant Time: Jul 31 06:08:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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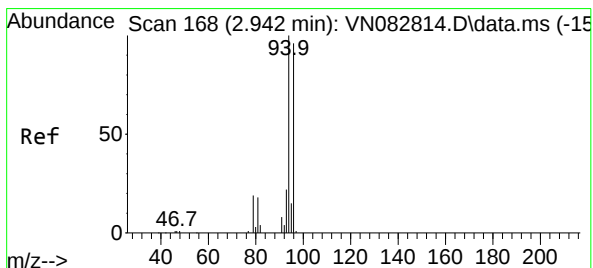
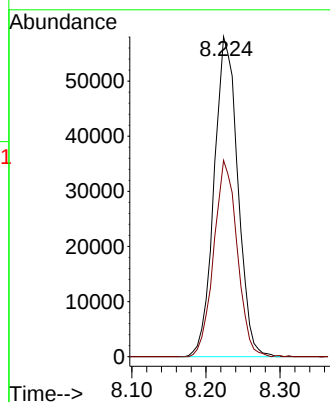
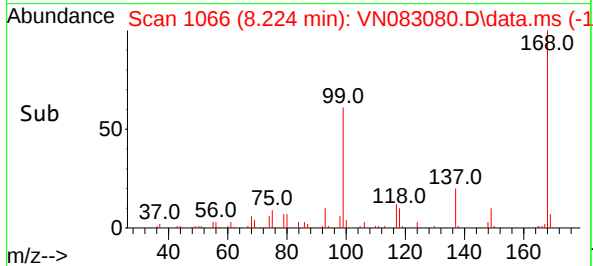


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :

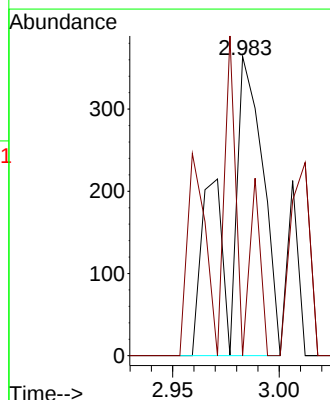
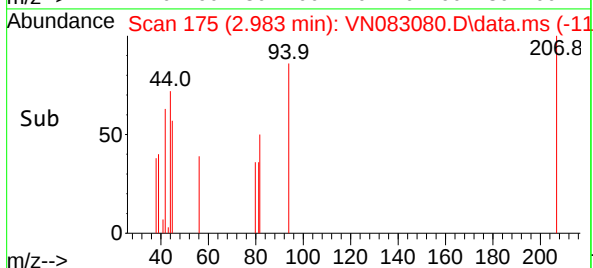
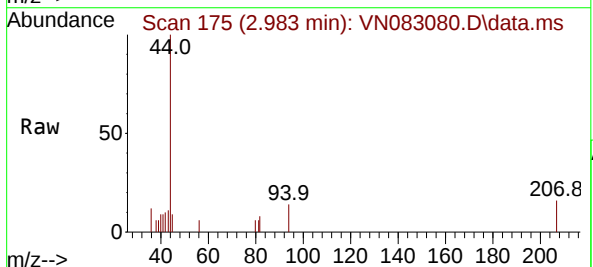


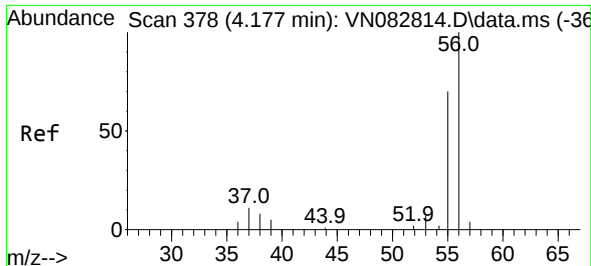
Tgt Ion:168 Resp: 129273
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#5
Bromomethane
Concen: 0.373 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

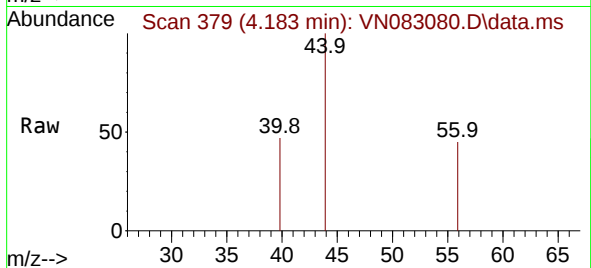
Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



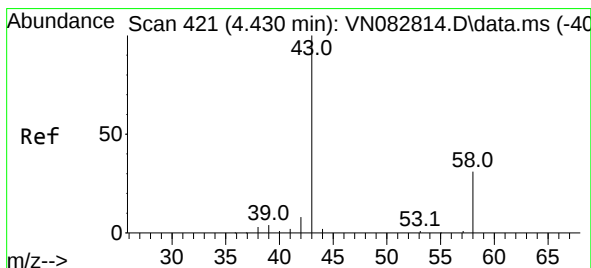
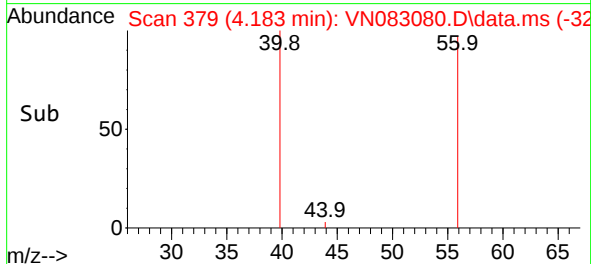
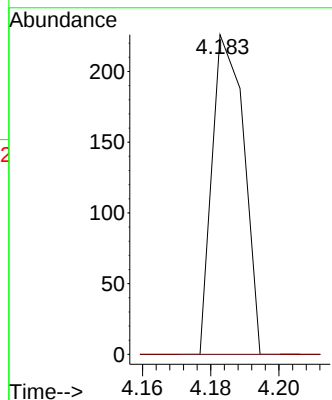


#13
Acrolein
Concen: 0.663 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :

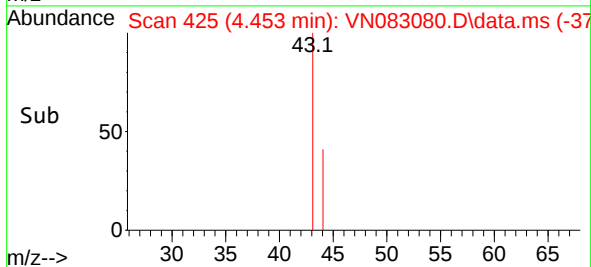
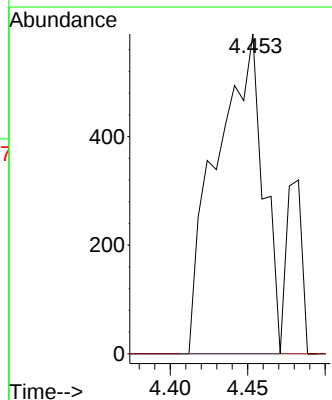
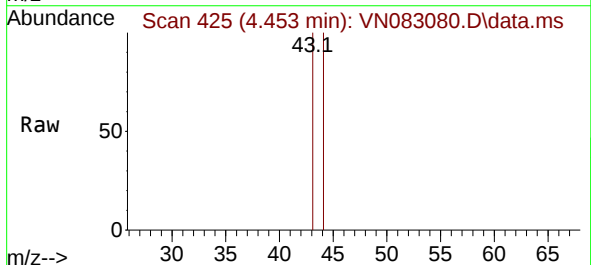


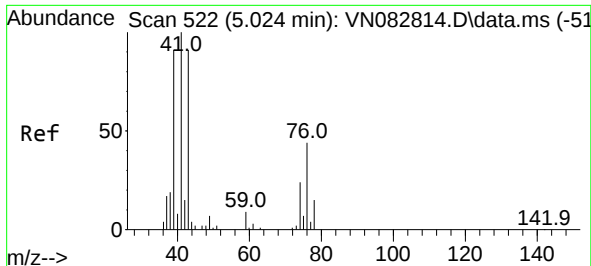
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.931 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

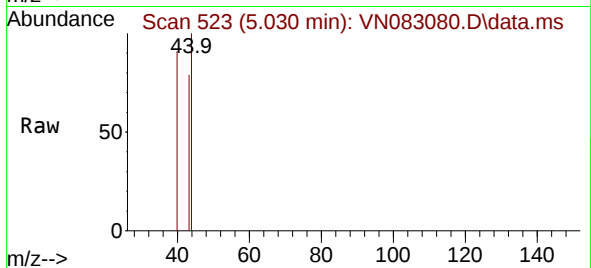
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



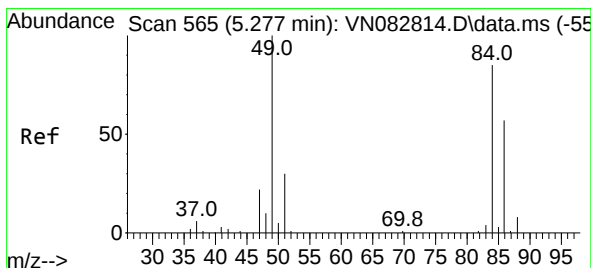
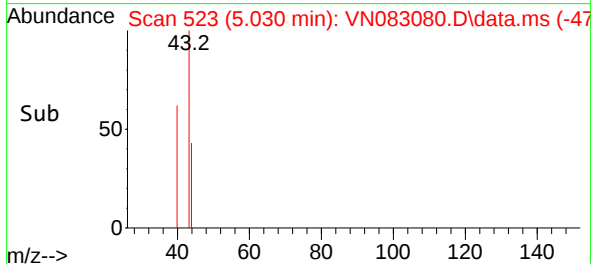
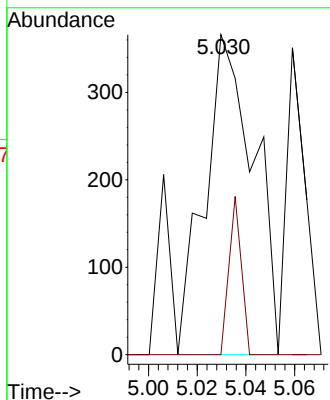


#18
Methyl Acetate
Concen: 0.304 ug/l
RT: 5.030 min Scan# 514
Delta R.T. -0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :

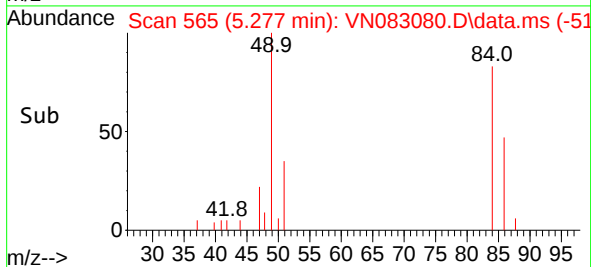
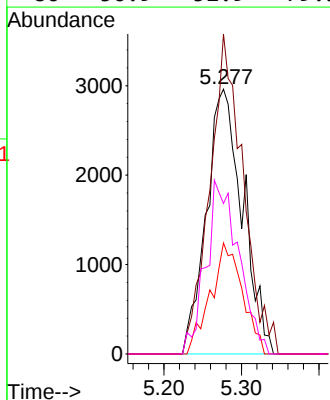
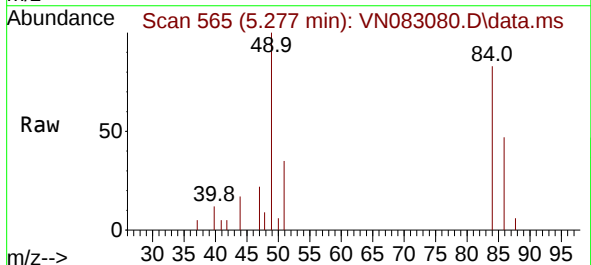


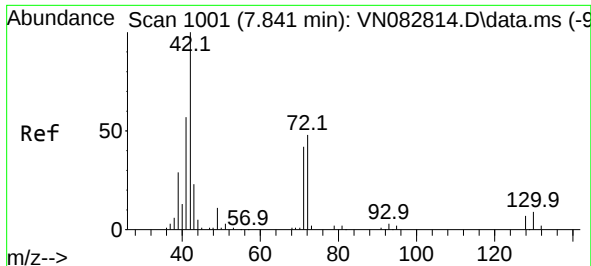
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
74 12.5 16.3 24.5#



#20
Methylene Chloride
Concen: 6.260 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Tgt Ion: 84 Resp: 9646
Ion Ratio Lower Upper
84 100
49 120.8 119.6 179.4
51 42.0 34.8 52.2
86 56.9 52.9 79.3





#29

Tetrahydrofuran

Concen: 0.945 ug/l

RT: 7.853 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VN083080.D

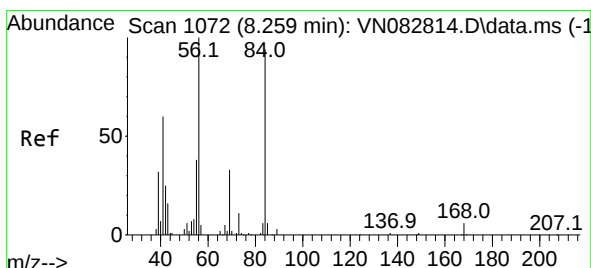
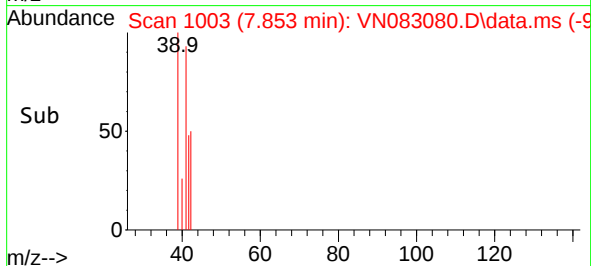
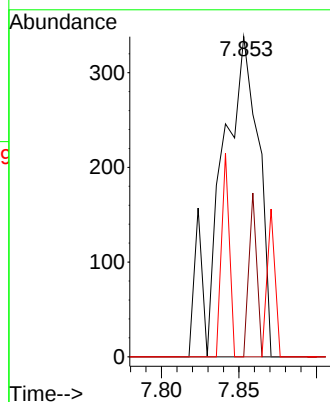
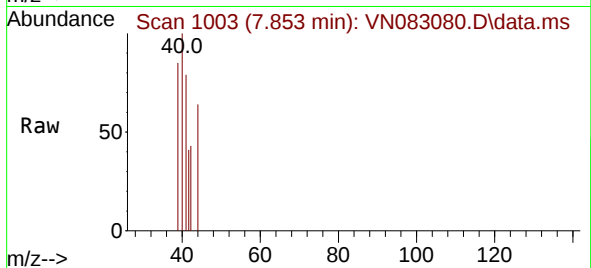
Acq: 30 Jul 2024 20:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 573
Ion Ratio	Lower Upper
42	100
72	10.6 30.0 45.0#
71	13.3 28.3 42.5#



#31

Cyclohexane

Concen: 1.632 ug/l

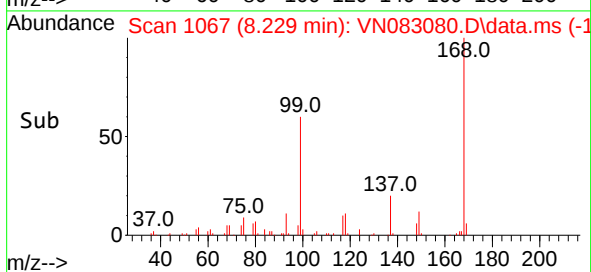
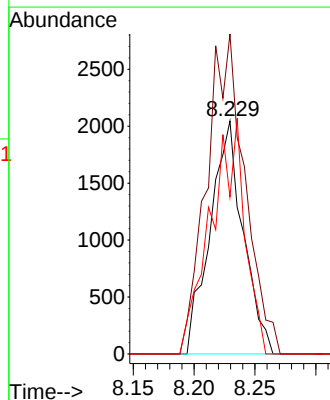
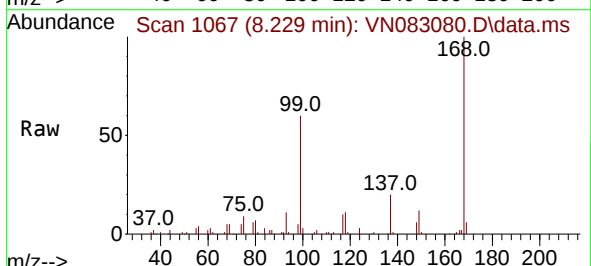
RT: 8.229 min Scan# 1067

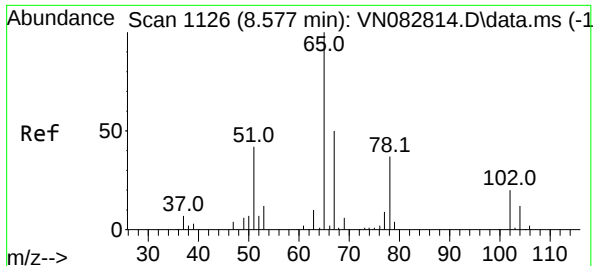
Delta R.T. -0.030 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

Tgt Ion: 56	Resp: 3866
Ion Ratio	Lower Upper
56	100
69	137.3 24.5 36.7#
84	67.4 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 71.655 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

Instrument :

MSVOA_N

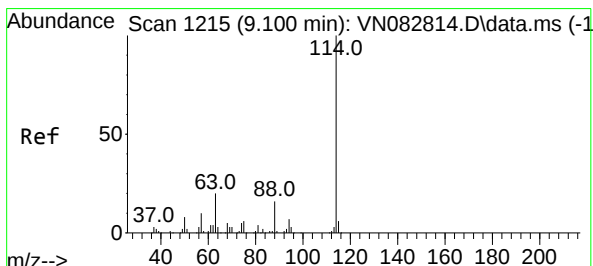
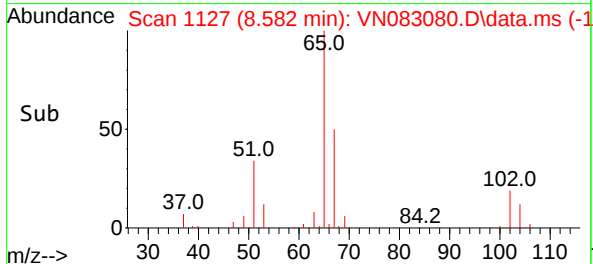
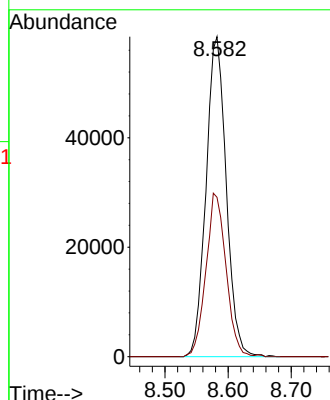
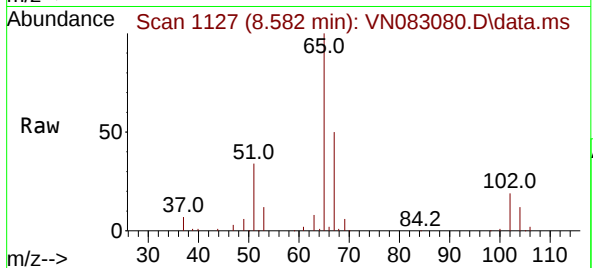
ClientSampleId :

Tgt Ion: 65 Resp: 129850

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

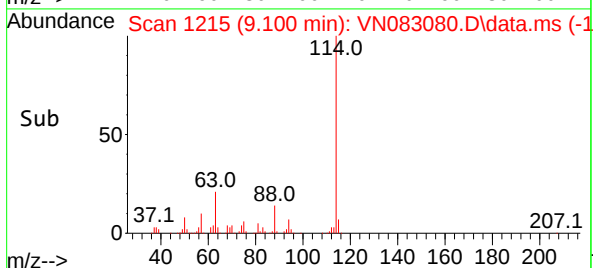
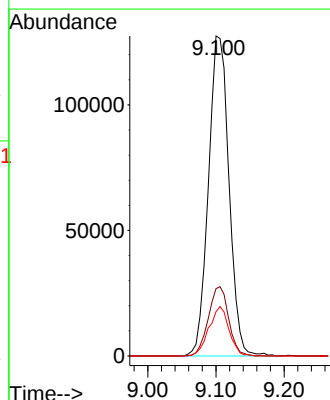
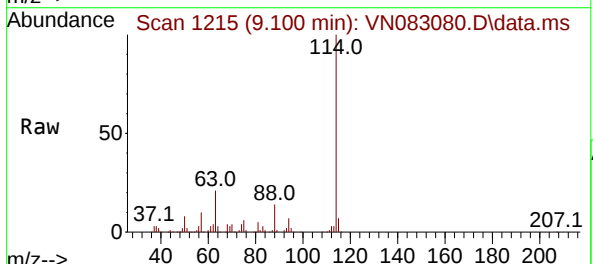
Tgt Ion: 114 Resp: 267444

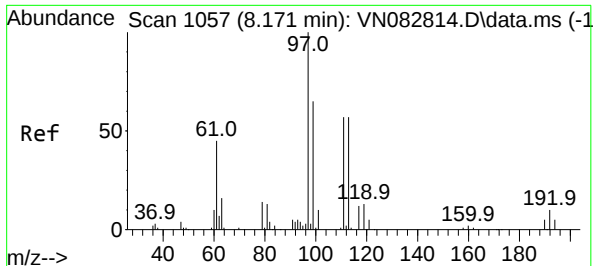
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 13.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 63.860 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

Instrument :

MSVOA_N

ClientSampleId :

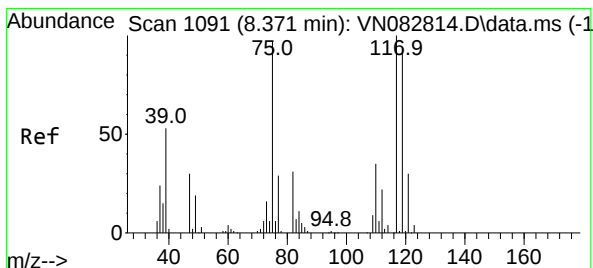
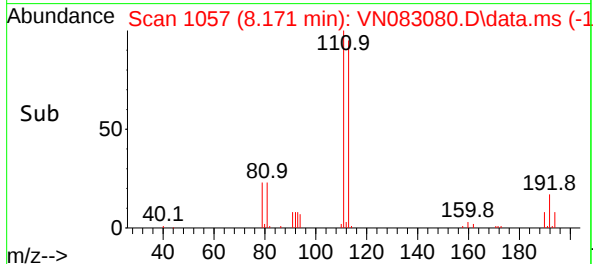
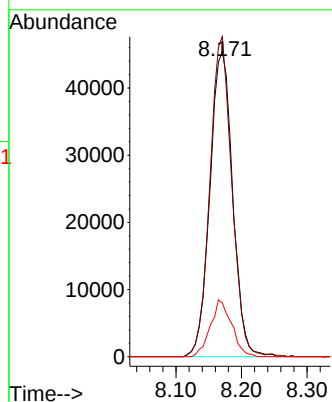
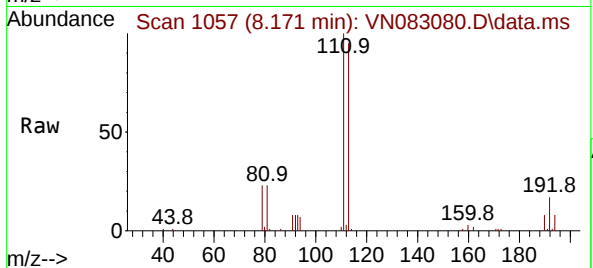
Tgt Ion:113 Resp: 109592

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.862 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

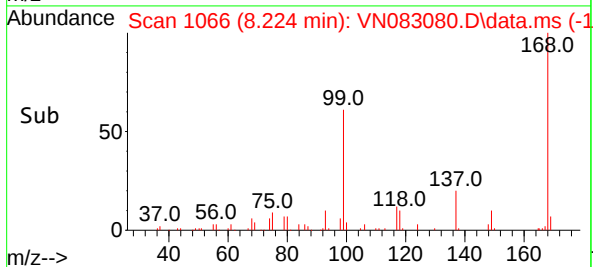
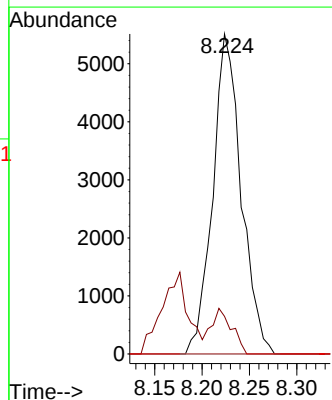
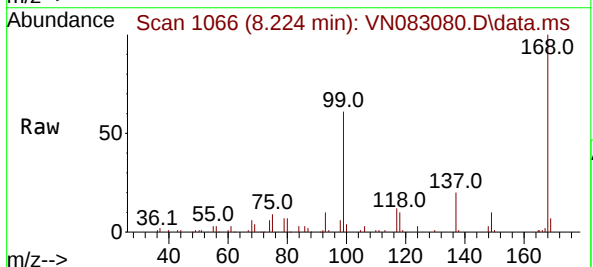
Tgt Ion: 75 Resp: 11503

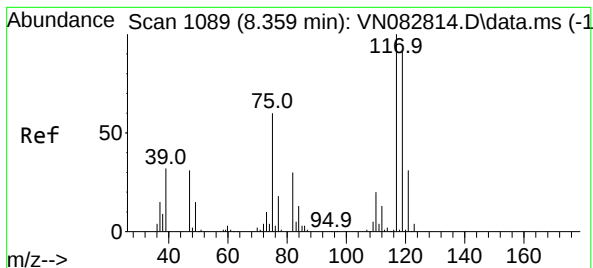
Ion Ratio Lower Upper

75 100

110 10.4 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.040 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

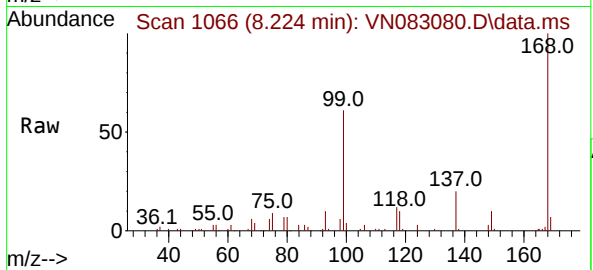
Lab File: VN083080.D

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MSVOA_N

ClientSampleId :



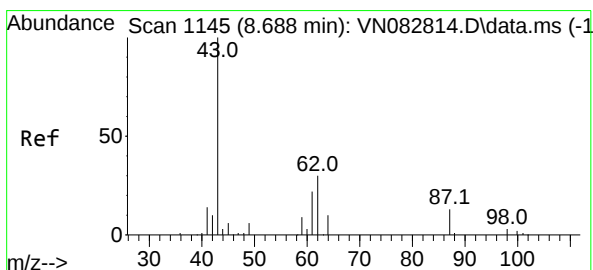
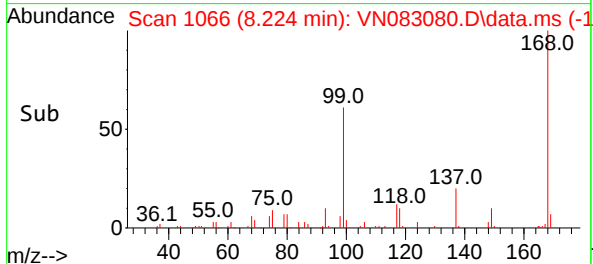
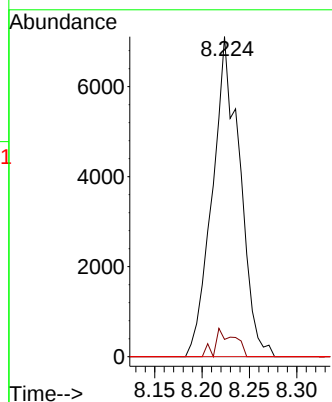
Tgt Ion:117 Resp: 14359

Ion Ratio Lower Upper

117 100

119 5.4 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 0.540 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.029 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

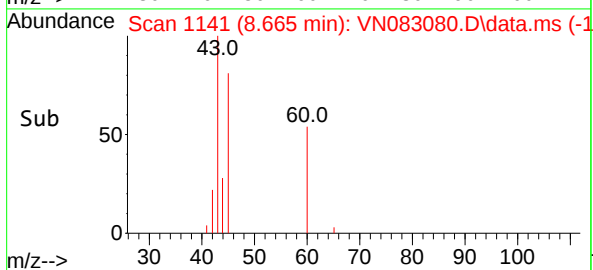
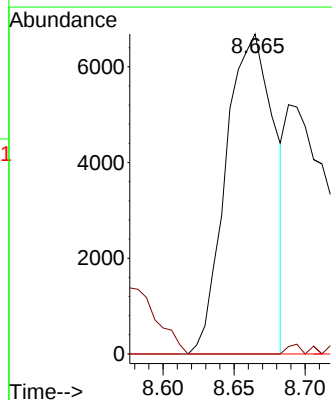
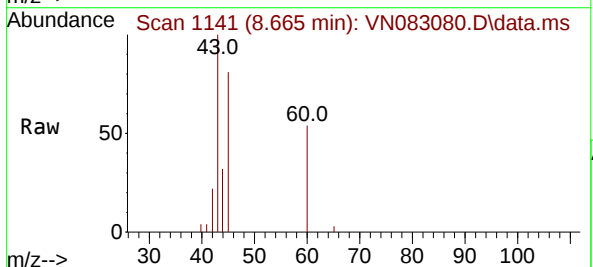
Tgt Ion: 43 Resp: 15785

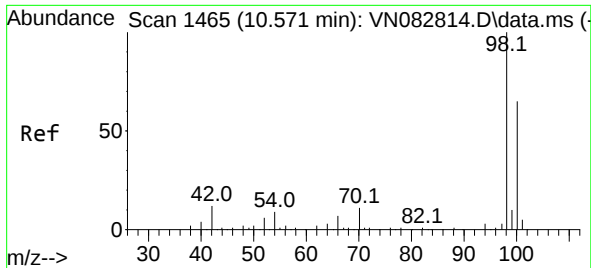
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

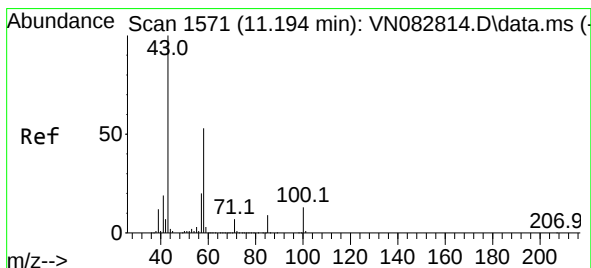
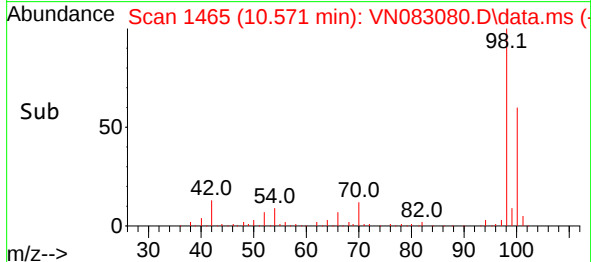
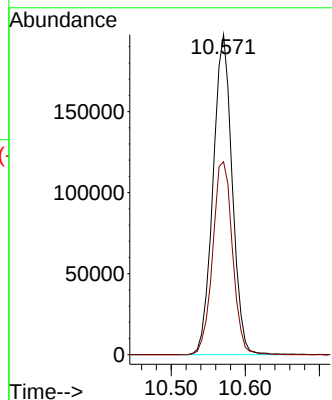
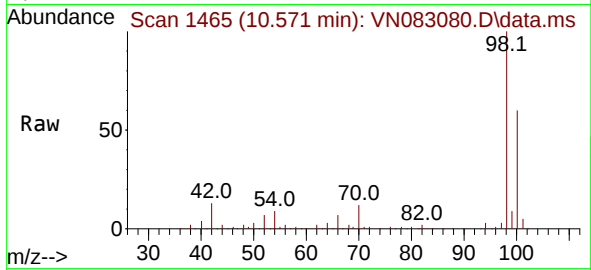




#50
Toluene-d8
Concen: 55.796 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

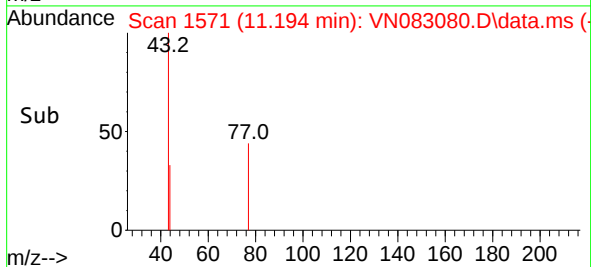
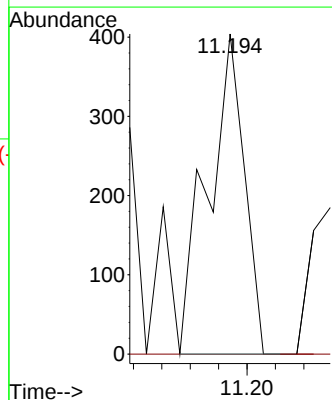
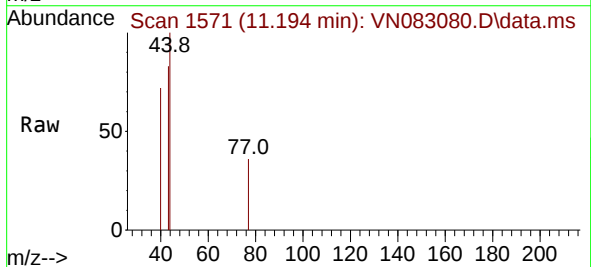
Instrument :
MSVOA_N
ClientSampleId :

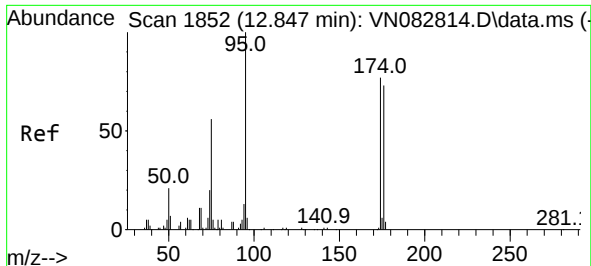
Tgt Ion: 98 Resp: 353663
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3



#59
2-Hexanone
Concen: 0.203 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

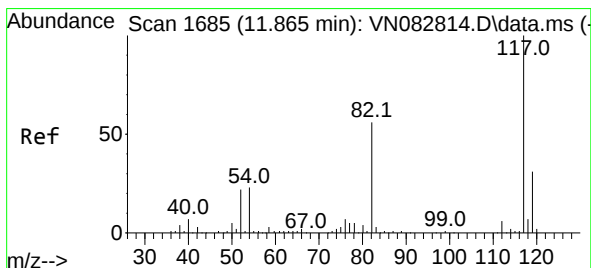
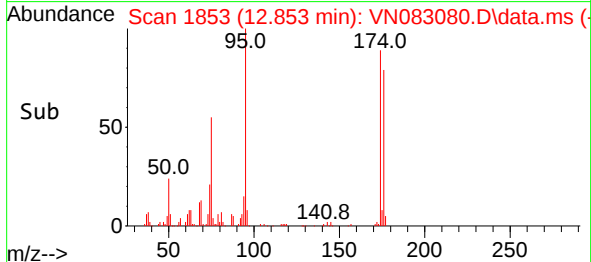
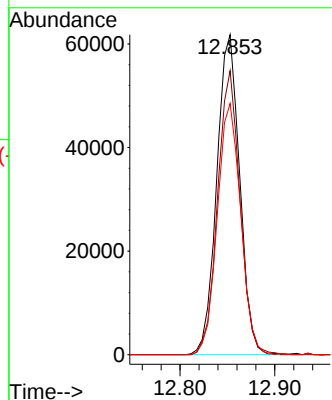
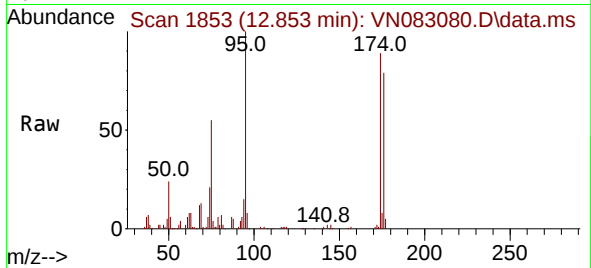




#62
4-Bromofluorobenzene
Concen: 45.556 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

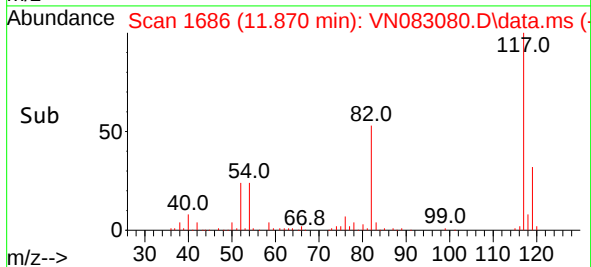
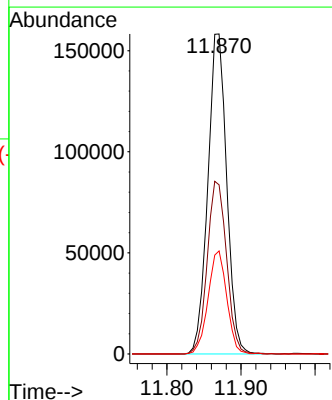
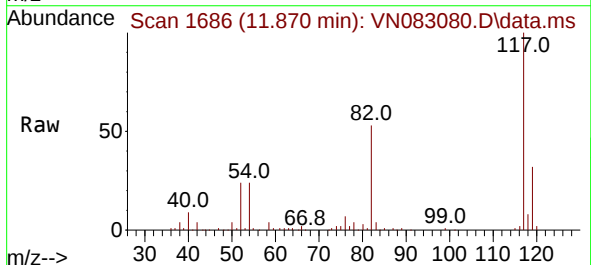
Instrument :
MSVOA_N
ClientSampleId :

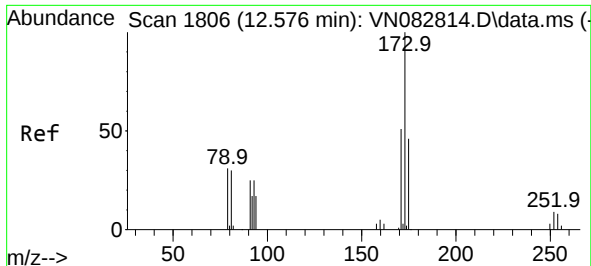
Tgt Ion: 95 Resp: 103724
Ion Ratio Lower Upper
95 100
174 86.8 0.0 159.2
176 80.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

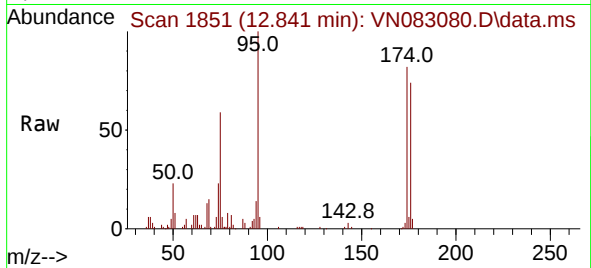
Tgt Ion: 117 Resp: 280006
Ion Ratio Lower Upper
117 100
82 52.9 47.5 71.3
119 32.2 25.6 38.4



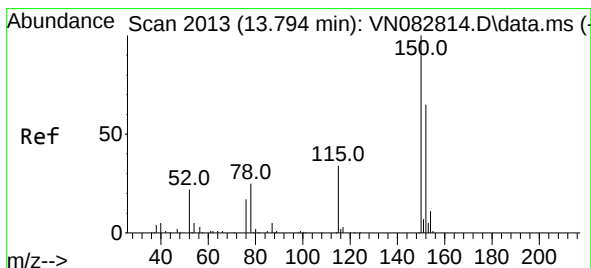
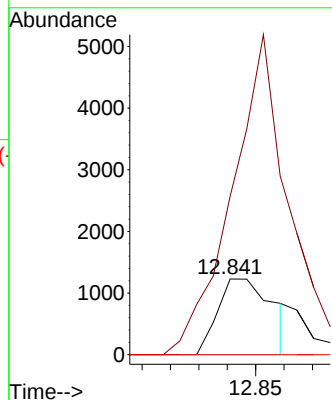
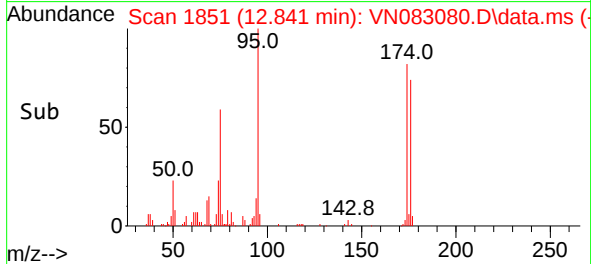


#71
Bromoform
Concen: 0.987 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :

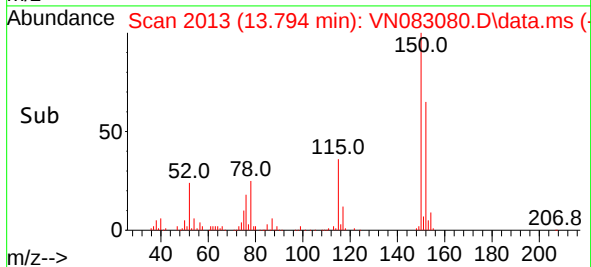
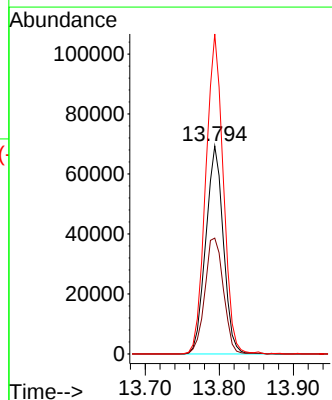
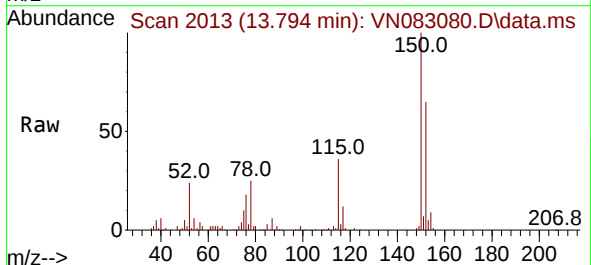


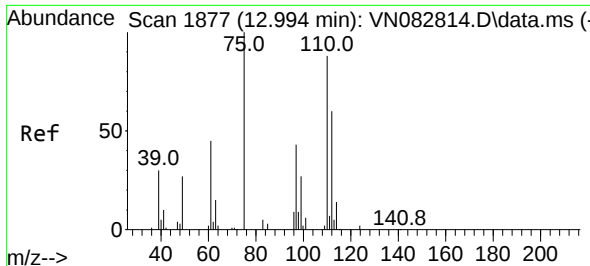
Tgt Ion:173 Resp: 1657
Ion Ratio Lower Upper
173 100
175 354.3 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Tgt Ion:152 Resp: 114235
Ion Ratio Lower Upper
152 100
115 58.8 30.6 91.6
150 153.3 0.0 348.6

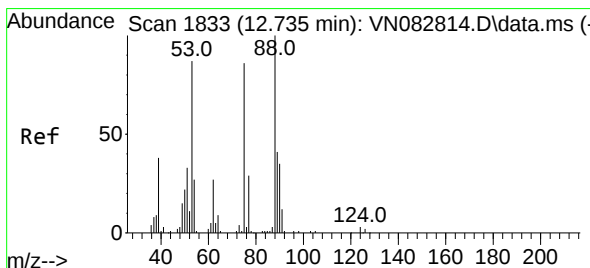
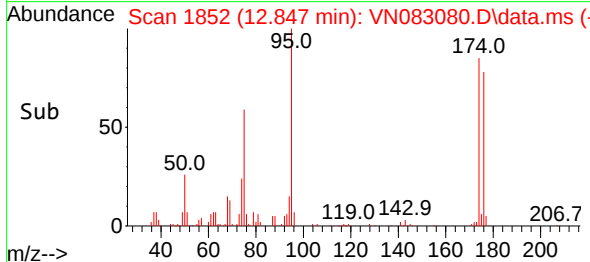
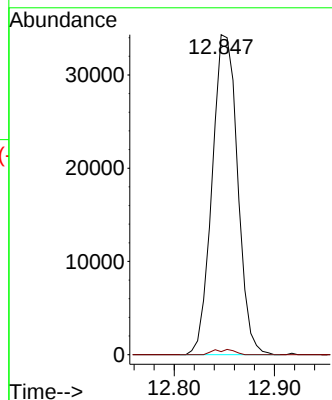
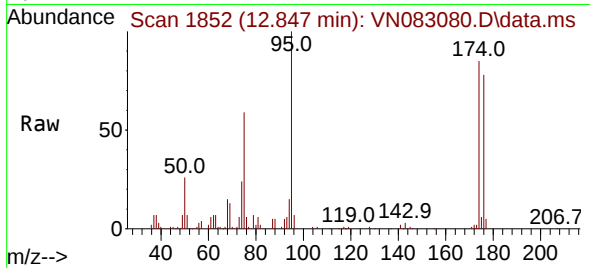




#76
1,2,3-Trichloropropane
Concen: 30.735 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60531
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.446 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Tgt Ion: 75 Resp: 60531
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#

