

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081126.D
 Acq On : 22 Feb 2024 11:26
 Operator : JC\MD
 Sample : VN0222WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:20:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

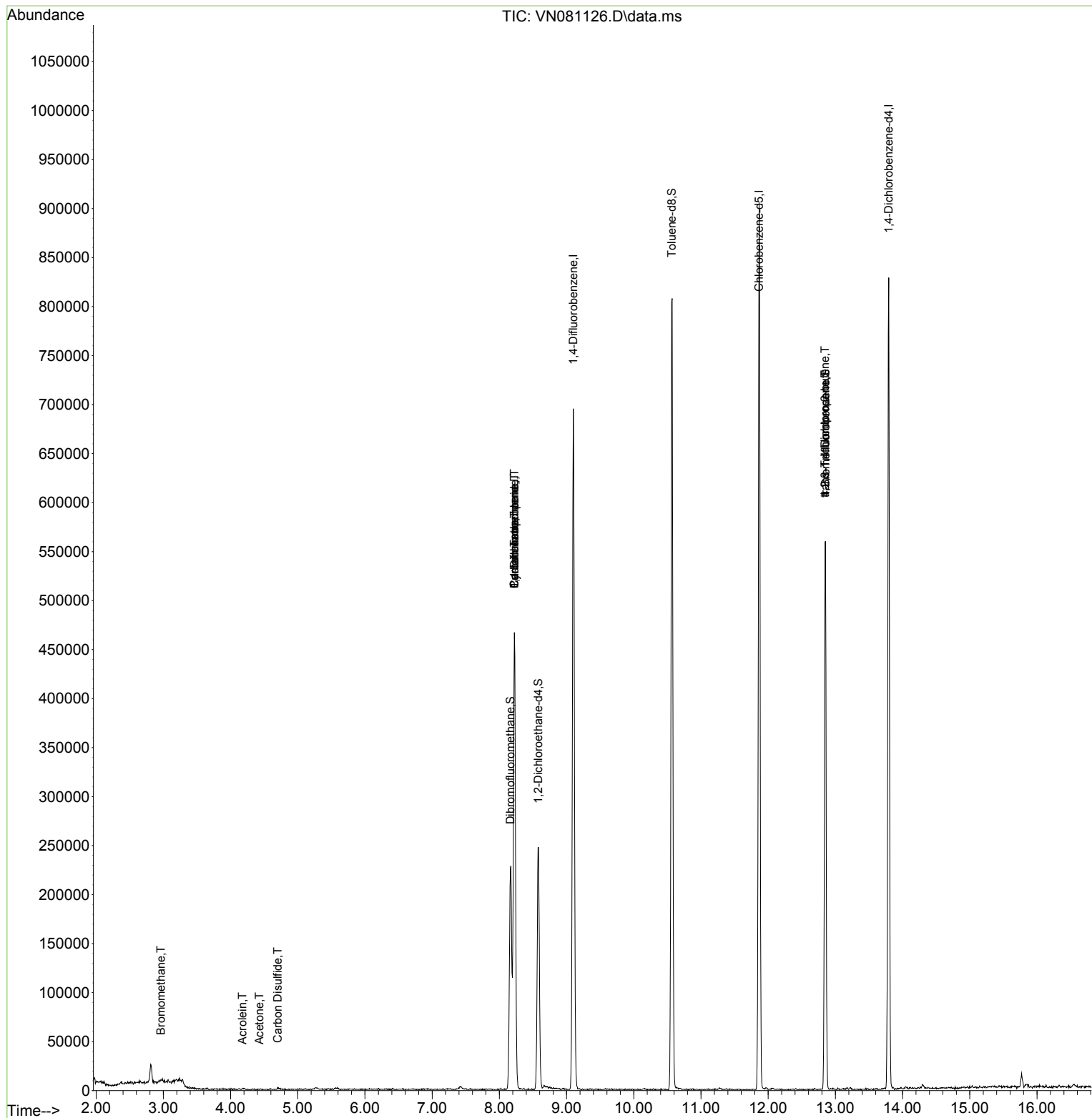
Internal Standards						
1) Pentafluorobenzene	8.224	168	328099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	608103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	521259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198974	49.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.960%
35) Dibromofluoromethane	8.165	113	166705	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.565	98	561304	45.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.853	95	199571	43.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1695	Below Cal	#	70
5) Bromomethane	2.965	94	986	0.295	ug/l	90
6) Chloroethane	3.106	64	66	Below Cal	#	42
13) Acrolein	4.177	56	455	1.148	ug/l #	1
16) Acetone	4.430	43	654	0.413	ug/l #	44
17) Carbon Disulfide	4.700	76	2493	0.241	ug/l #	78
20) Methylene Chloride	5.283	84	553	Below Cal	#	38
31) Cyclohexane	8.224	56	8534	1.229	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28608	4.856	ug/l #	52
38) Carbon Tetrachloride	8.224	117	36078	6.053	ug/l #	17
49) 1,4-Dioxane	9.724	88	64	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.847	75	106986	22.521	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106986	57.967	ug/l #	14

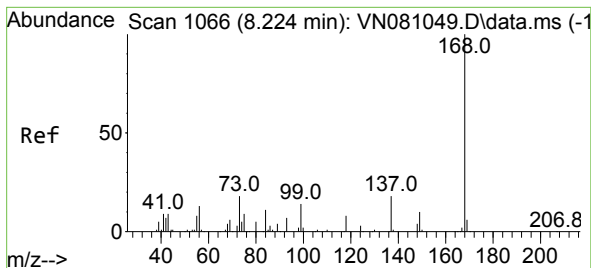
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081126.D

Acq: 22 Feb 2024 11:26

Instrument :

MSVOA_N

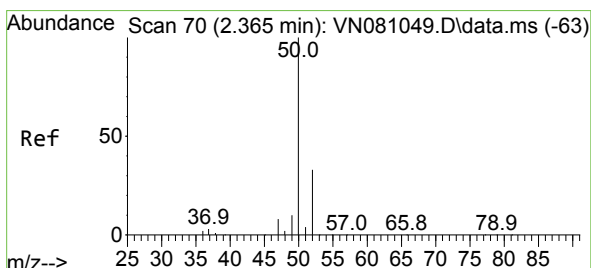
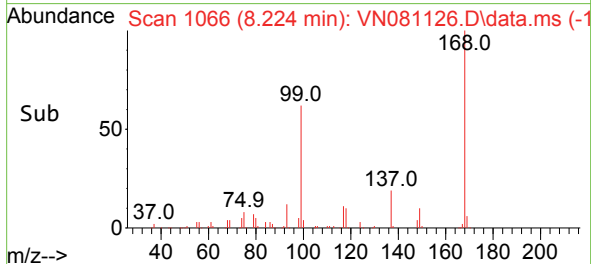
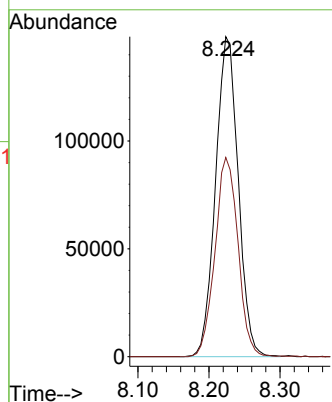
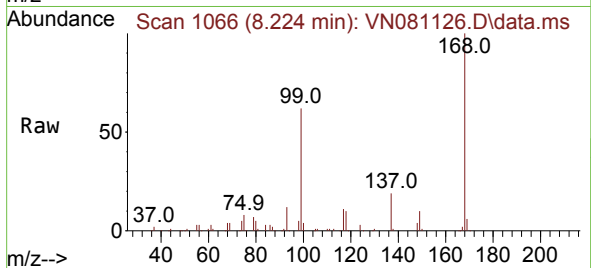
ClientSampleId :

Tgt Ion:168 Resp: 328099

Ion Ratio Lower Upper

168 100

99 62.2 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081126.D

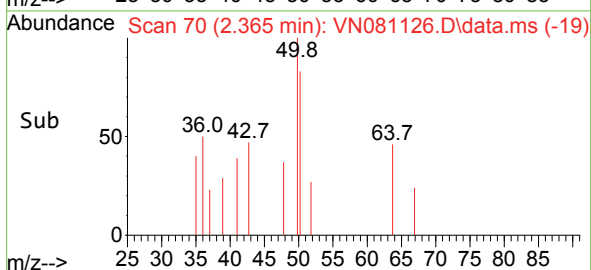
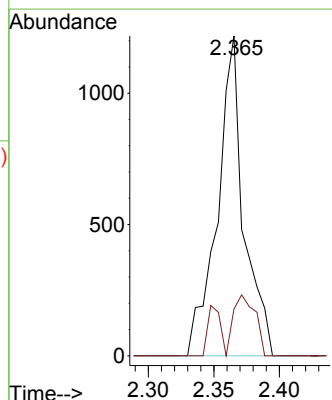
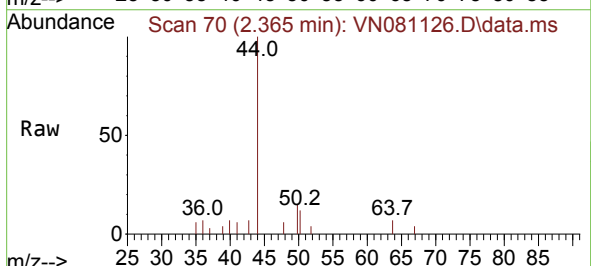
Acq: 22 Feb 2024 11:26

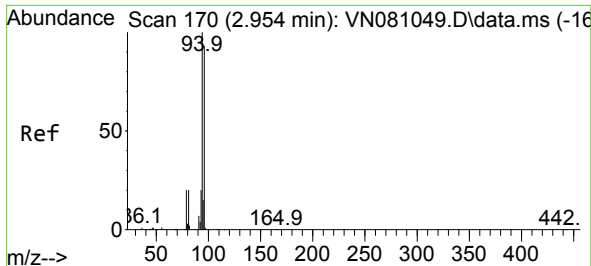
Tgt Ion: 50 Resp: 1695

Ion Ratio Lower Upper

50 100

52 14.6 25.0 37.4#

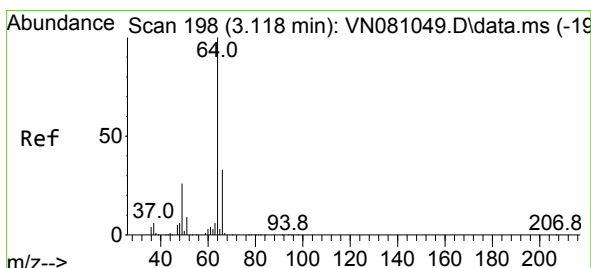
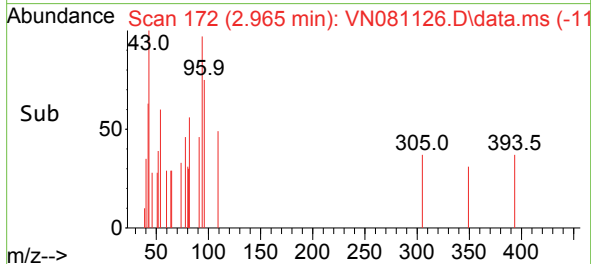
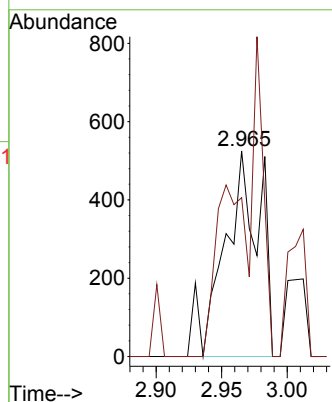
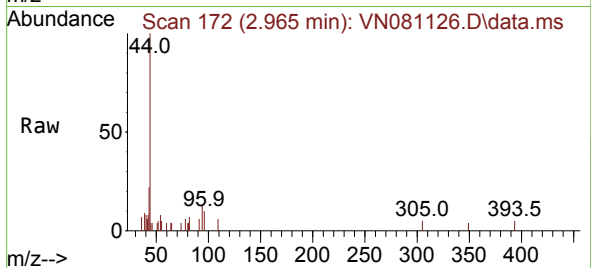




#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

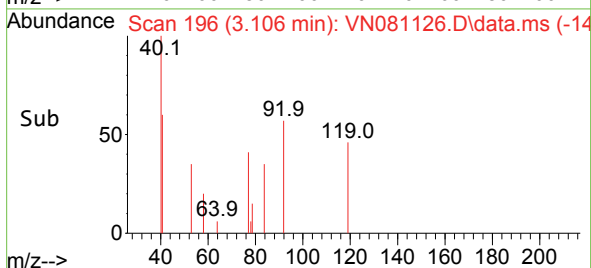
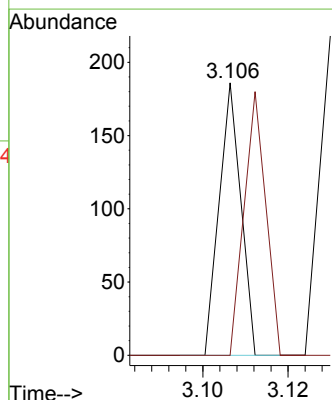
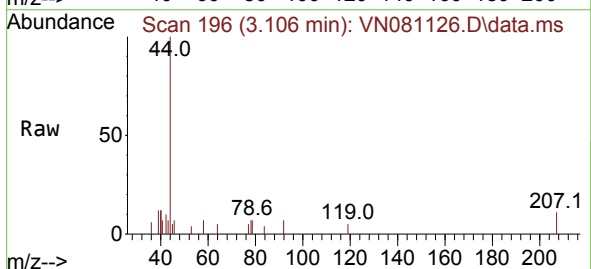
Instrument :
MSVOA_N
ClientSampleId :

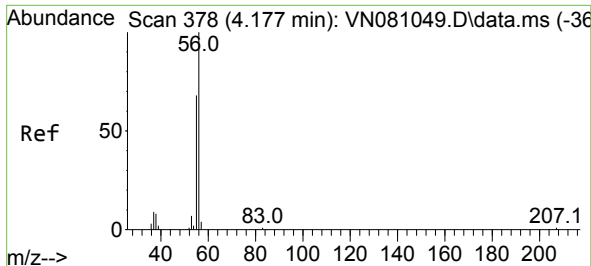
Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 77.3 69.2 103.8



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

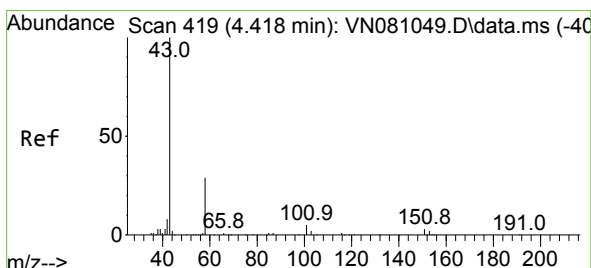
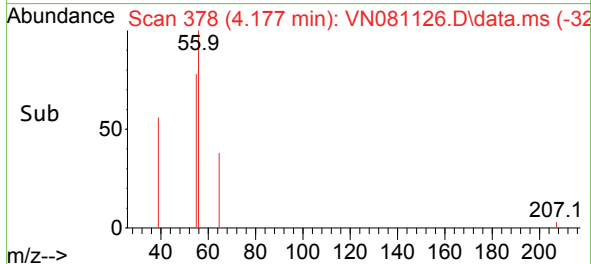
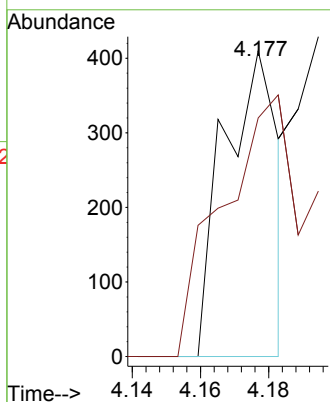
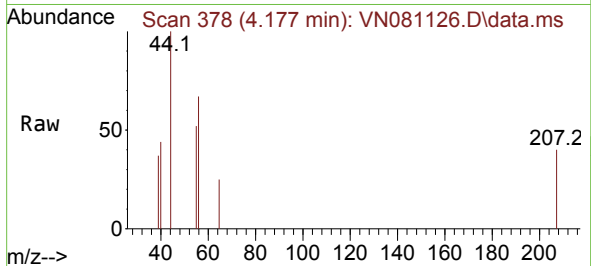




#13
Acrolein
Concen: 1.148 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

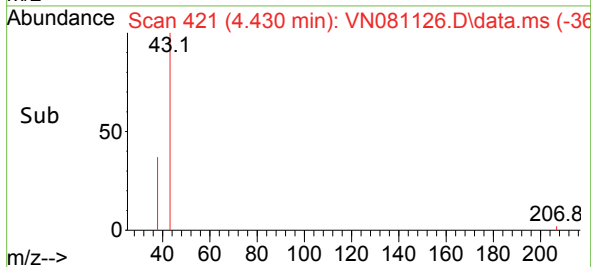
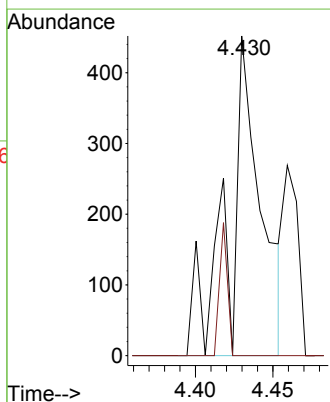
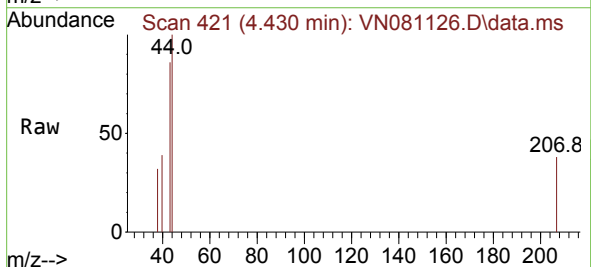
Instrument :
MSVOA_N
ClientSampleId :

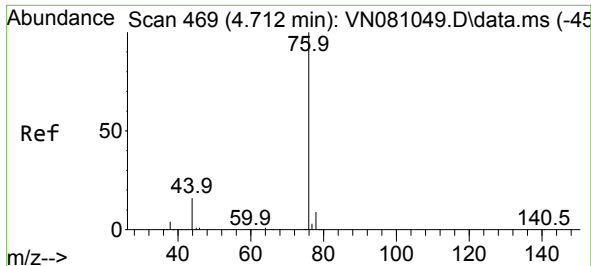
Tgt Ion: 56 Resp: 455
Ion Ratio Lower Upper
56 100
55 173.0 55.3 82.9#



#16
Acetone
Concen: 0.413 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

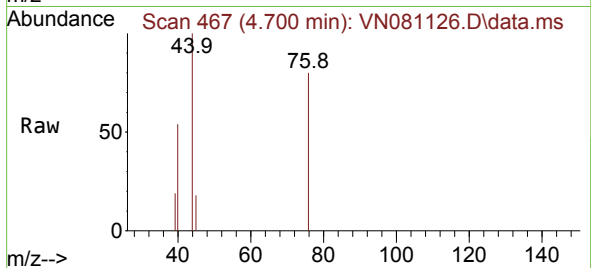
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



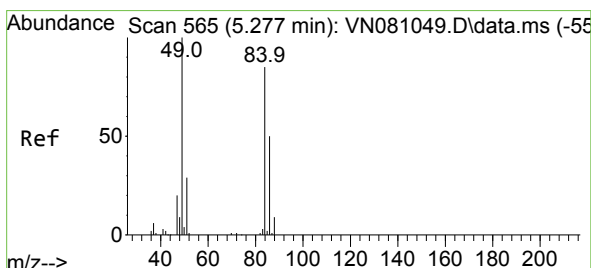
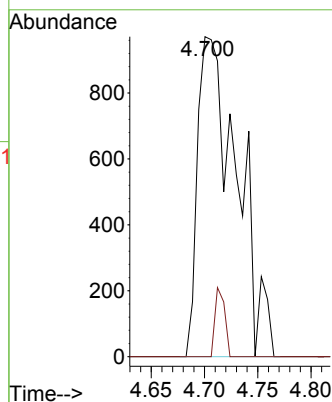
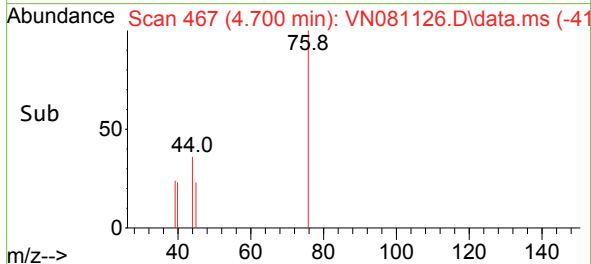


#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :

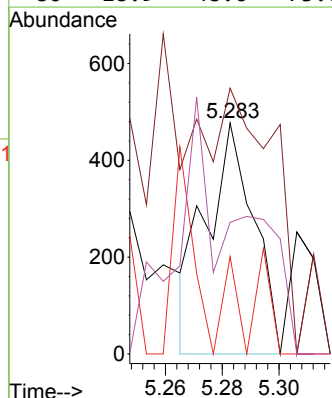
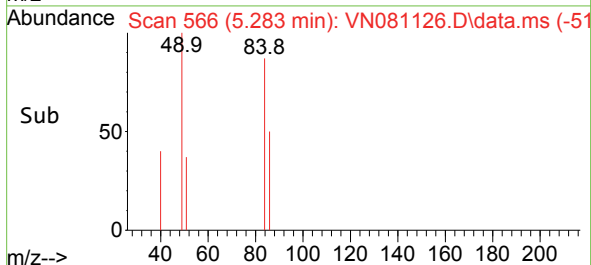
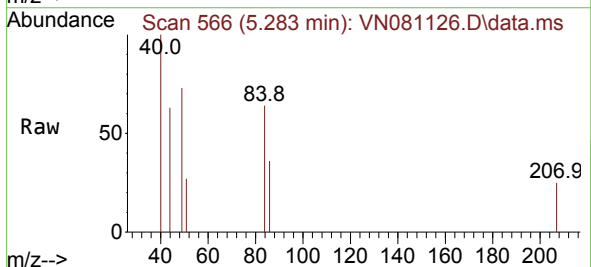


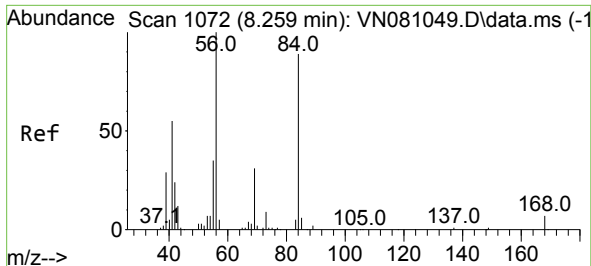
Tgt Ion: 76 Resp: 2493
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

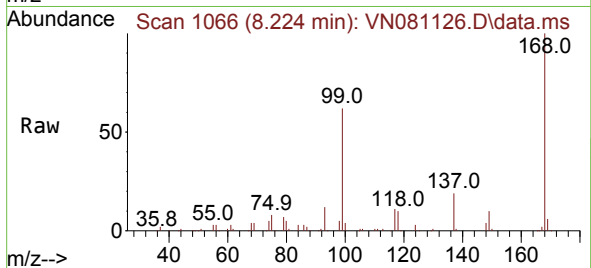
Tgt Ion: 84 Resp: 553
Ion Ratio Lower Upper
84 100
49 35.2 108.1 162.1#
51 42.1 32.9 49.3
86 18.9 48.6 73.0#



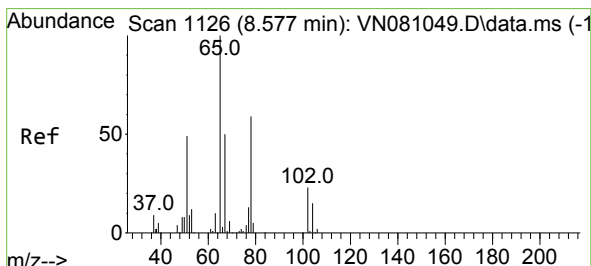
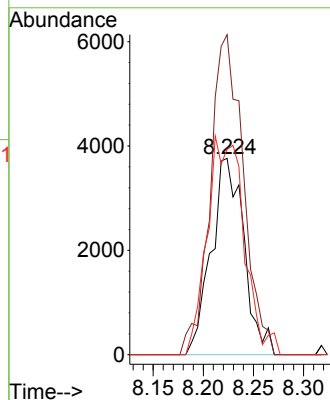
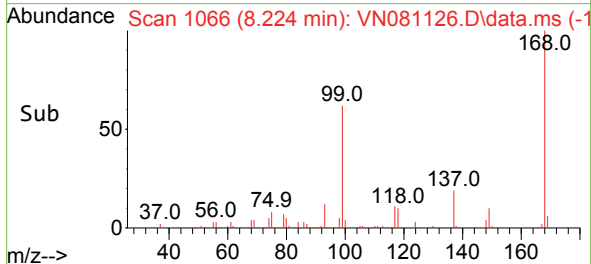


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :

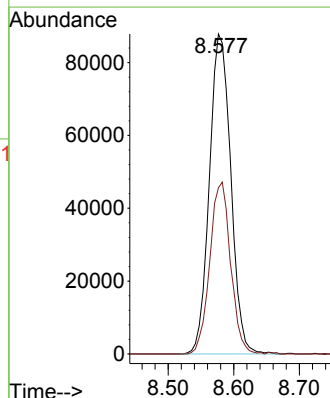
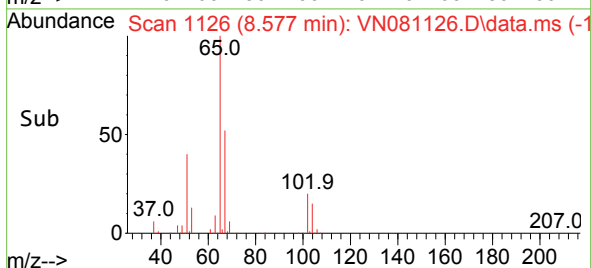
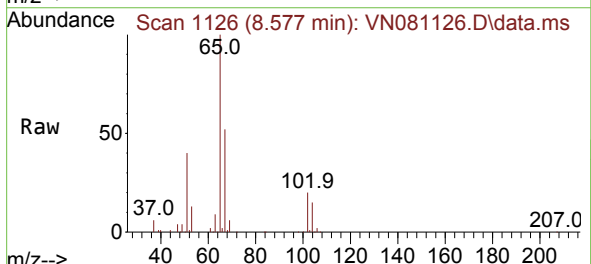


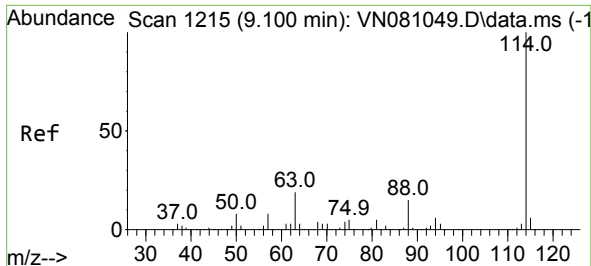
Tgt Ion: 56 Resp: 8534
Ion Ratio Lower Upper
56 100
69 163.0 20.1 30.1#
84 104.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.477 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion: 65 Resp: 198974
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081126.D

Acq: 22 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

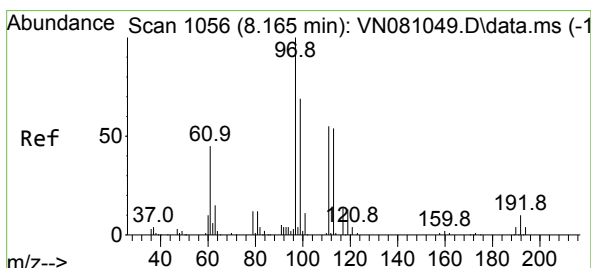
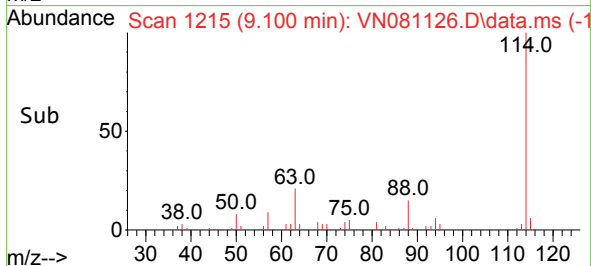
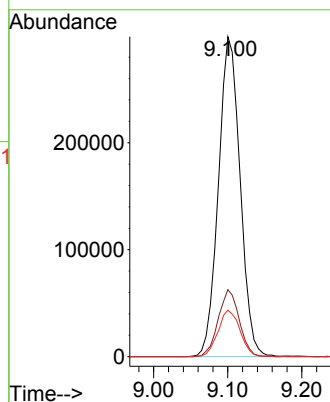
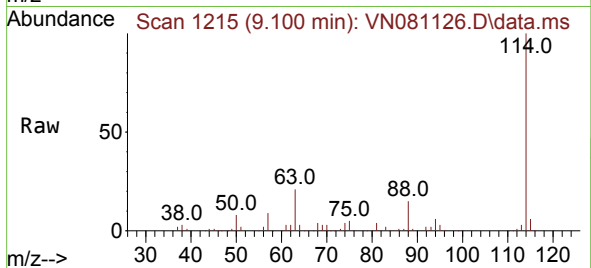
Tgt Ion:114 Resp: 608103

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.480 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081126.D

Acq: 22 Feb 2024 11:26

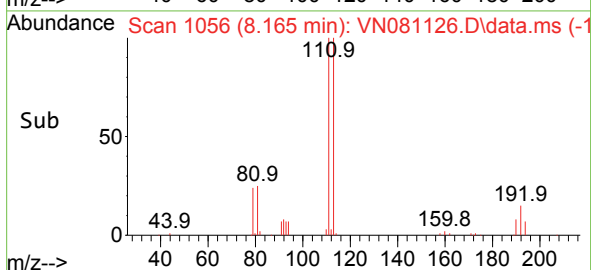
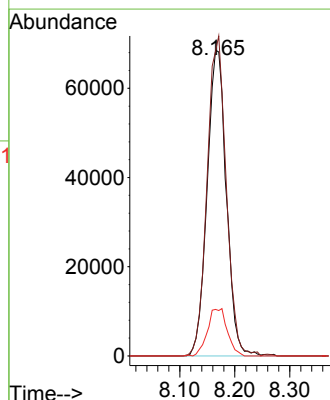
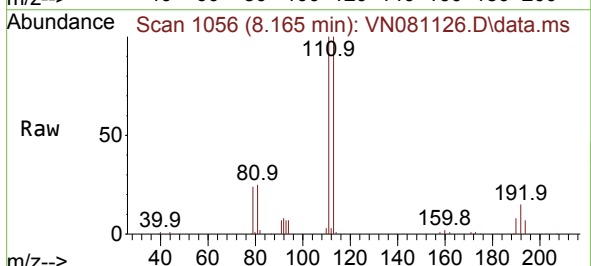
Tgt Ion:113 Resp: 166705

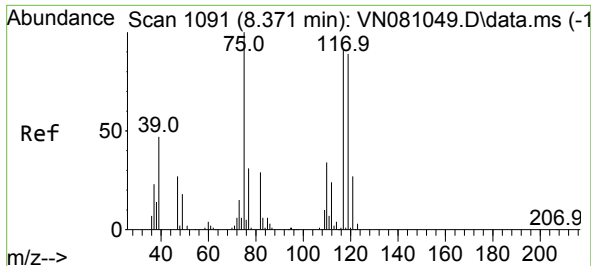
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 15.9 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

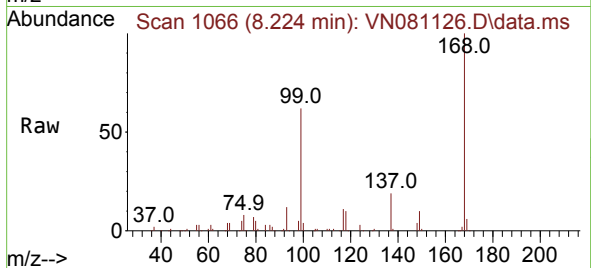
Lab File: VN081126.D

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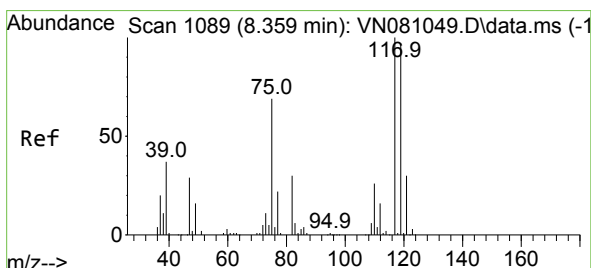
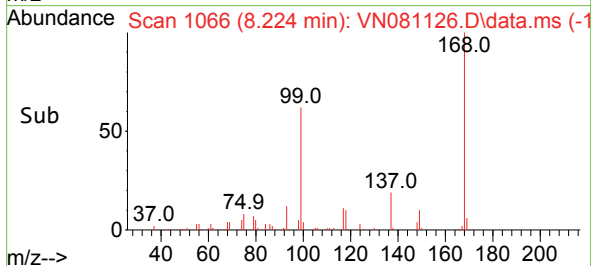
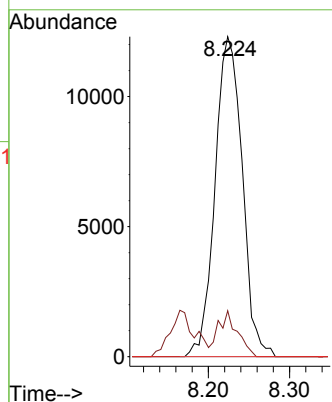
Tgt Ion: 75 Resp: 28608

Ion Ratio Lower Upper

75 100

110 10.1 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.053 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081126.D

Acq: 22 Feb 2024 11:26

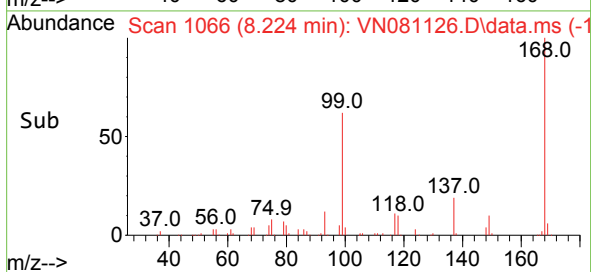
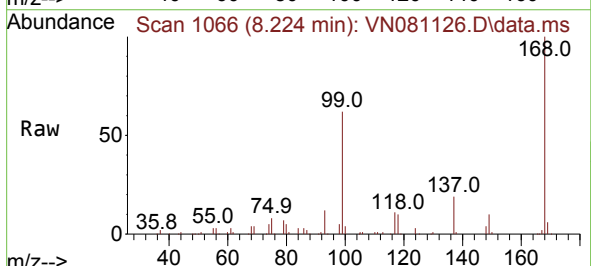
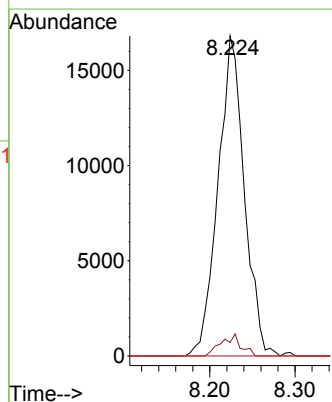
Tgt Ion: 117 Resp: 36078

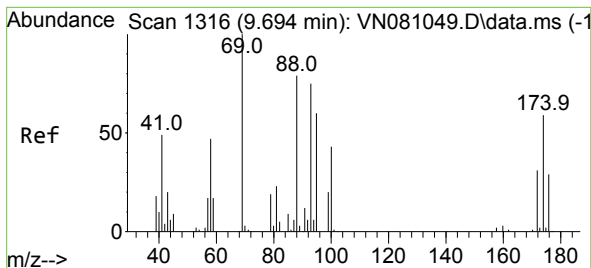
Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.2#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.724 min Scan# 11

Delta R.T. 0.030 min

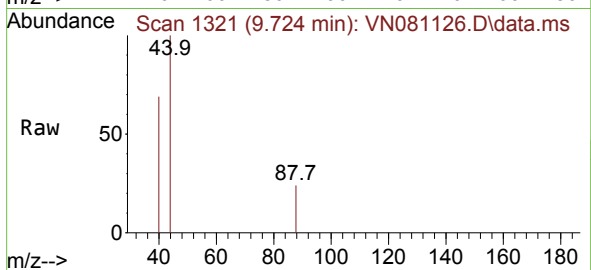
Lab File: VN081126.D

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Instrument :

MSVOA_N

ClientSampleId :



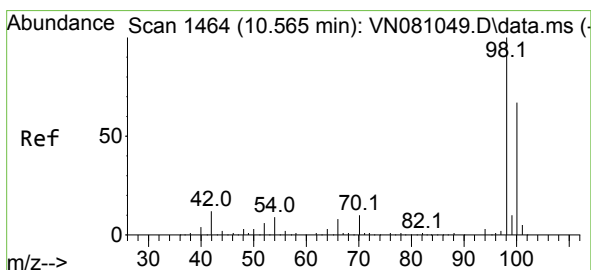
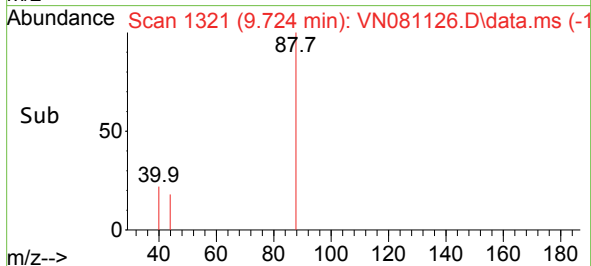
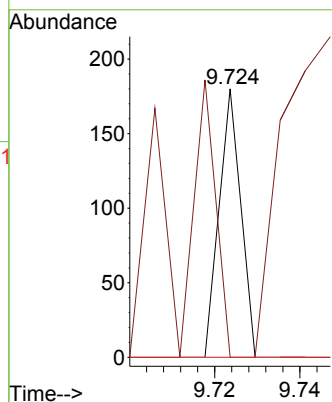
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 45.959 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081126.D

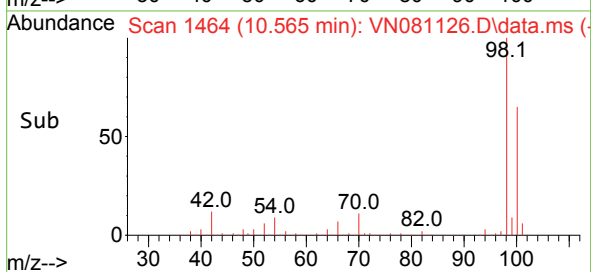
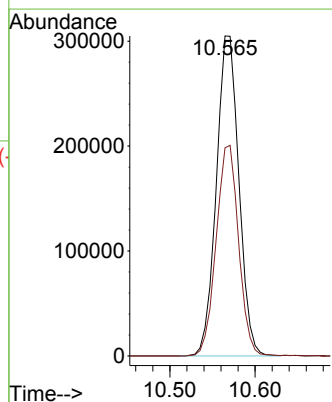
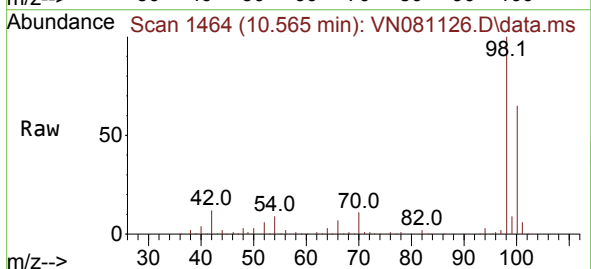
Acq: 22 Feb 2024 11:26

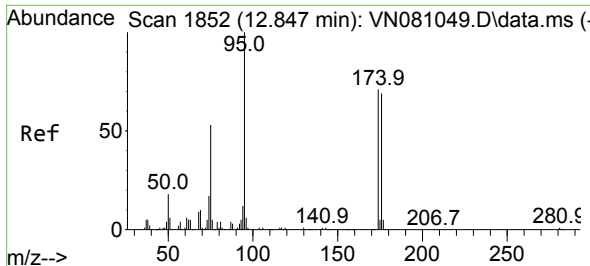
Tgt Ion: 98 Resp: 561304

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

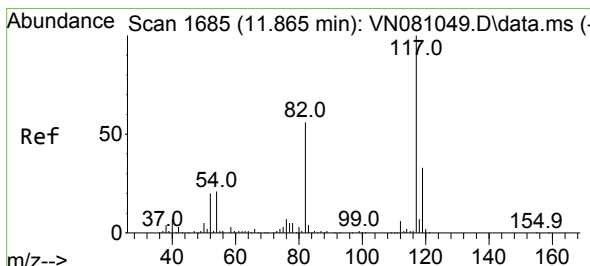
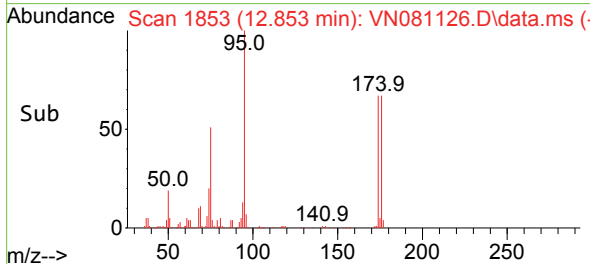
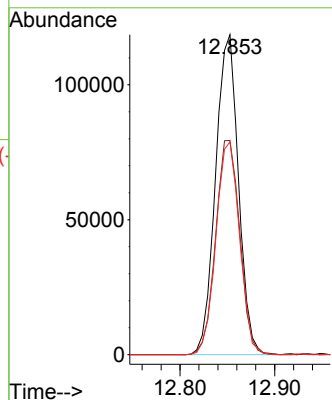
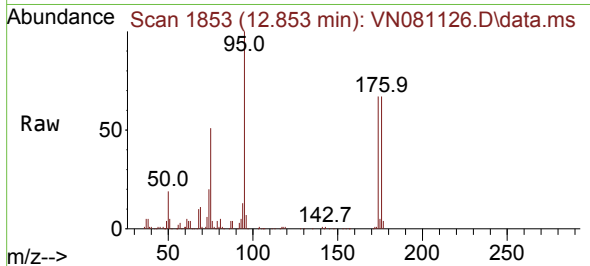




#62
4-Bromofluorobenzene
Concen: 43.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

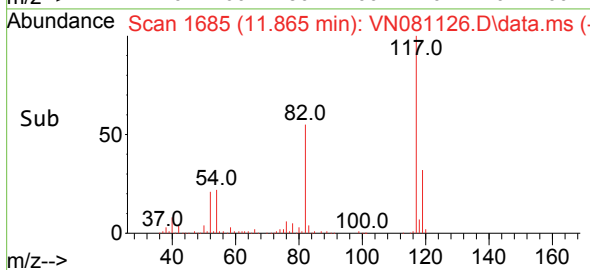
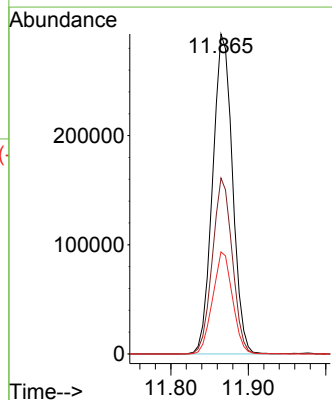
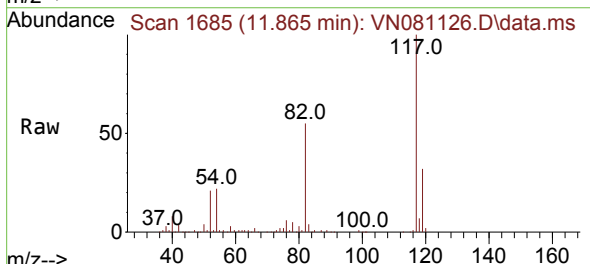
Instrument :
MSVOA_N
ClientSampleId :

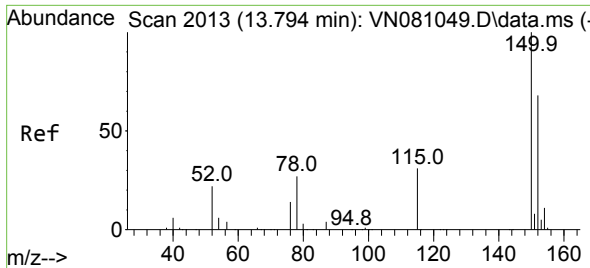
Tgt Ion: 95 Resp: 199571
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 68.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion: 117 Resp: 521259
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 31.9 25.3 37.9

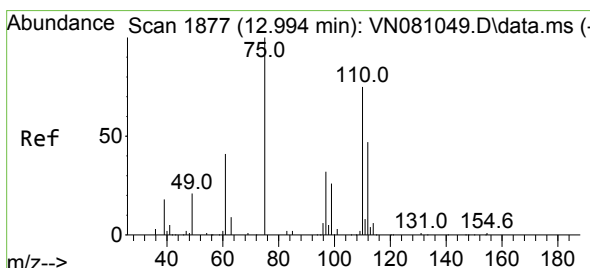
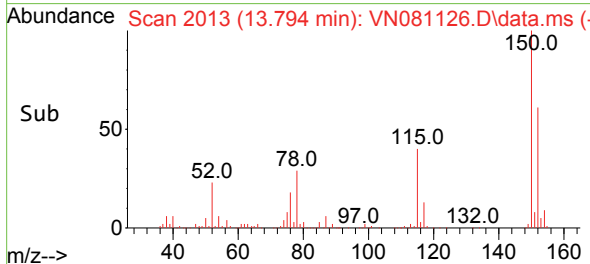
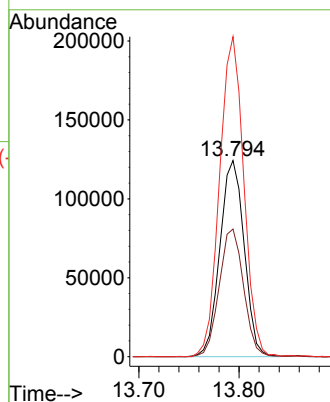
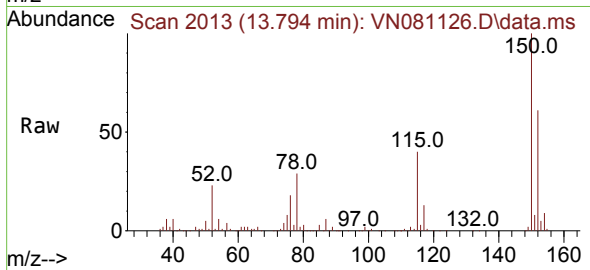




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081126.D
 Acq: 22 Feb 2024 11:26

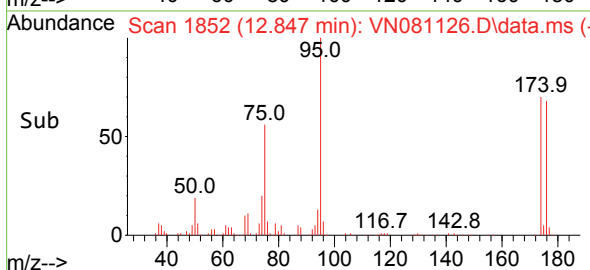
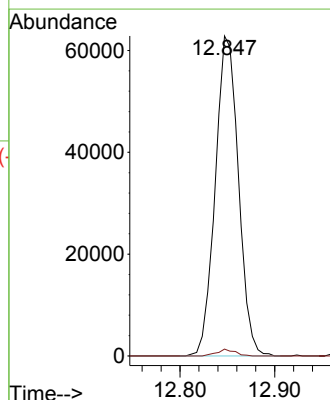
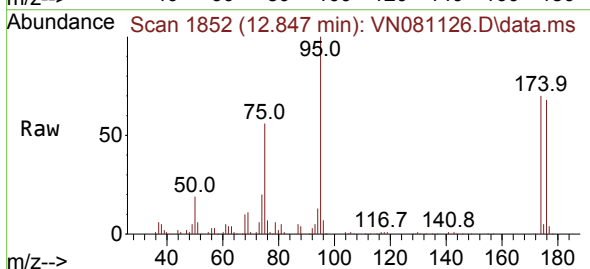
Instrument :
 MSVOA_N
 ClientSampleId :

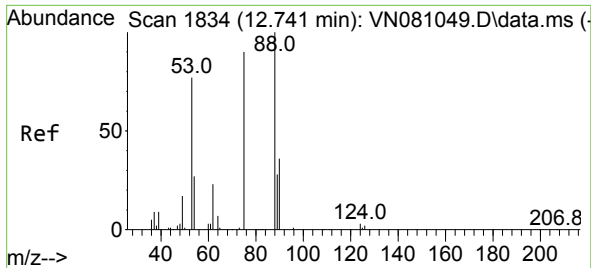
Tgt Ion:152 Resp: 209083
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 162.4 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 22.521 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081126.D
 Acq: 22 Feb 2024 11:26

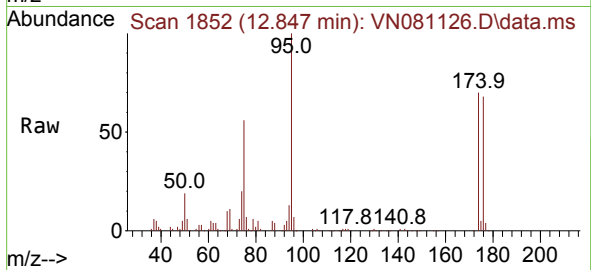
Tgt Ion: 75 Resp: 106986
 Ion Ratio Lower Upper
 75 100
 77 1.6 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.967 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081126.D
 Acq: 22 Feb 2024 11:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 106986
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

