

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082209.D
 Acq On : 20 May 2024 14:58
 Operator : JC\MD
 Sample : P2529-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-191D1-GW-20240516

Quant Time: May 21 03:48:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

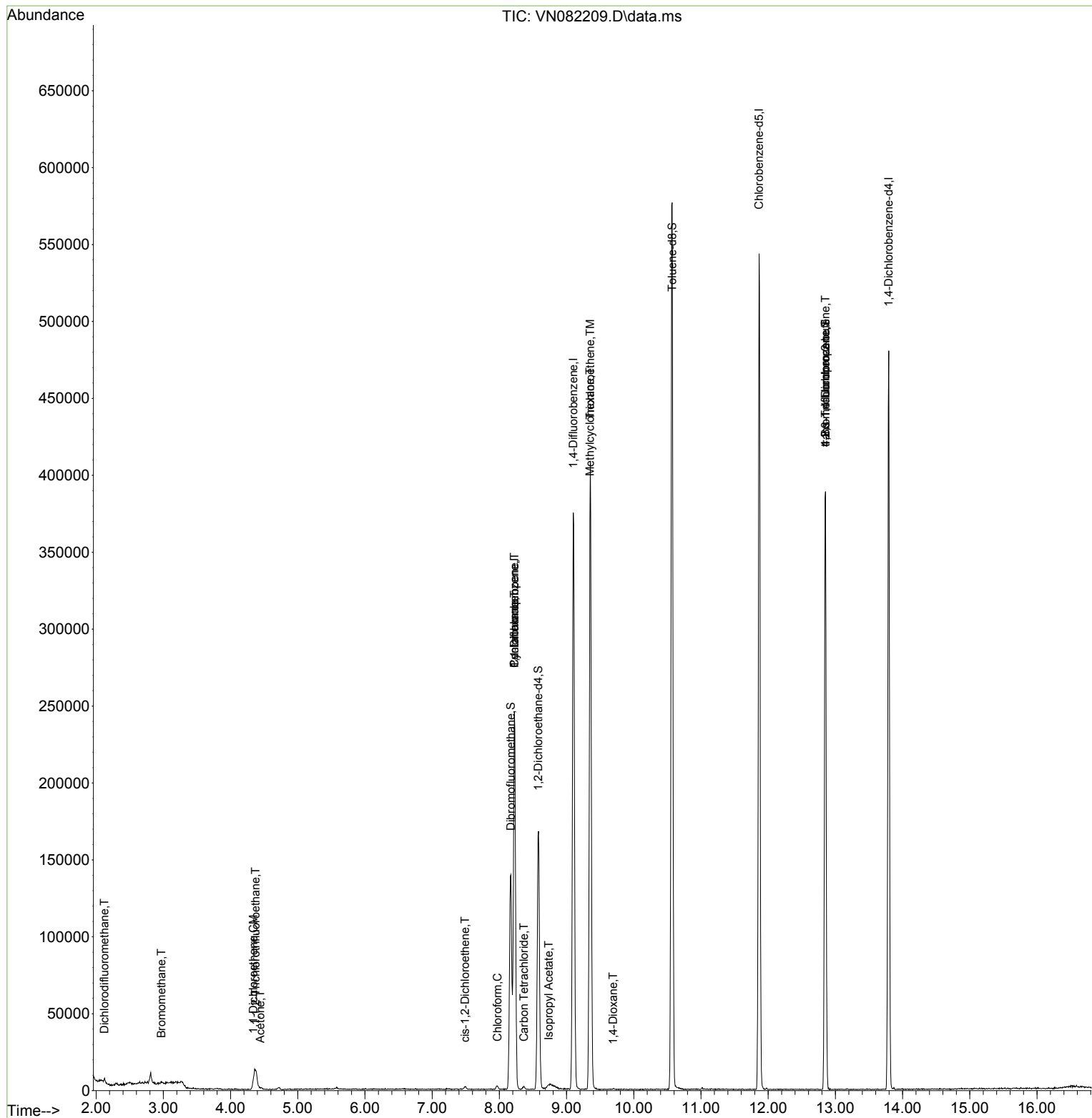
Internal Standards						
1) Pentafluorobenzene	8.224	168	168102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141092	53.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.300%	
35) Dibromofluoromethane	8.171	113	97805	53.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.280%	
50) Toluene-d8	10.571	98	382539	54.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.440%	
62) 4-Bromofluorobenzene	12.853	95	128565	51.527	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.060%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	1570	0.648	ug/l	80
5) Bromomethane	2.971	94	452	0.305	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	8564	4.336	ug/l	93
12) 1,1-Dichloroethene	4.342	96	2107	1.148	ug/l #	77
16) Acetone	4.442	43	2563	2.354	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	1118	0.474	ug/l	79
30) Chloroform	7.971	83	2171	0.537	ug/l	97
31) Cyclohexane	8.224	56	4890	1.153	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	16034	5.243	ug/l #	48
38) Carbon Tetrachloride	8.365	117	1229	0.396	ug/l #	92
39) Methylcyclohexane	9.347	83	2103	0.627	ug/l #	1
43) Isopropyl Acetate	8.735	43	3238	0.534	ug/l #	52
44) Trichloroethene	9.353	130	136822	66.051	ug/l	94
49) 1,4-Dioxane	9.694	88	229	5.656	ug/l	88
76) 1,2,3-Trichloropropane	12.853	75	75910	30.610	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	75910	71.596	ug/l #	12

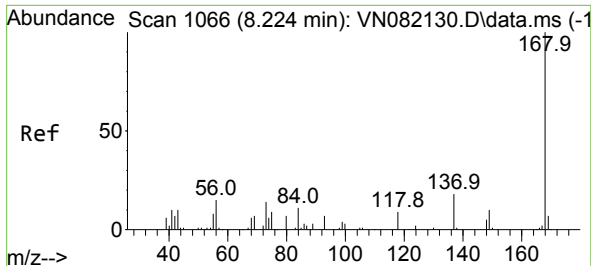
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
Data File : VN082209.D
Acq On : 20 May 2024 14:58
Operator : JC\MD
Sample : P2529-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

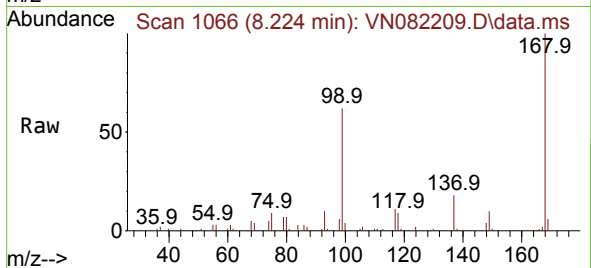
Quant Time: May 21 03:48:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



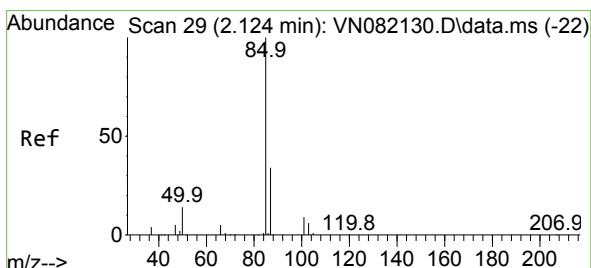
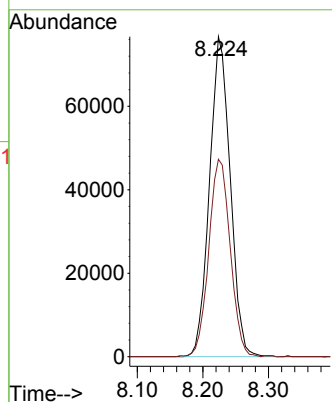
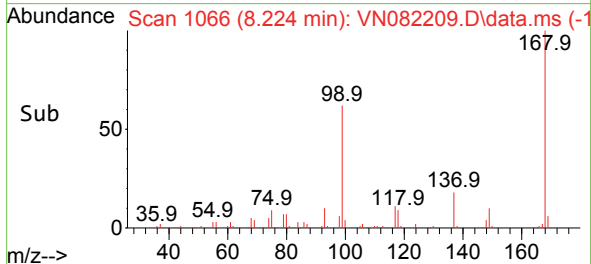


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

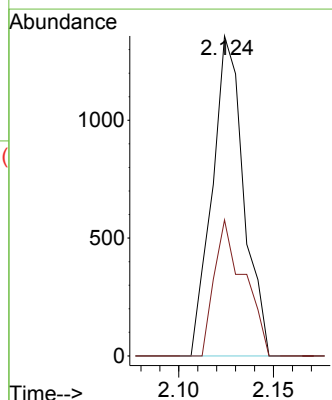
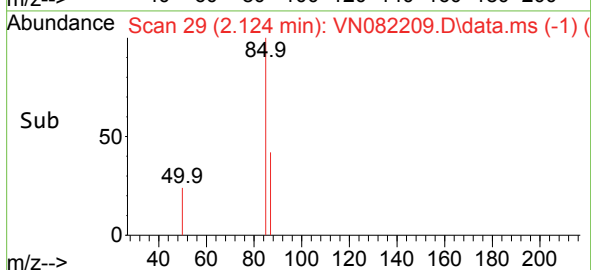
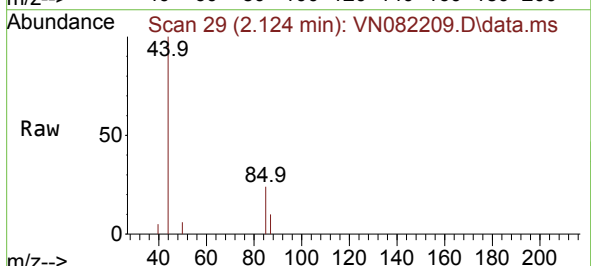


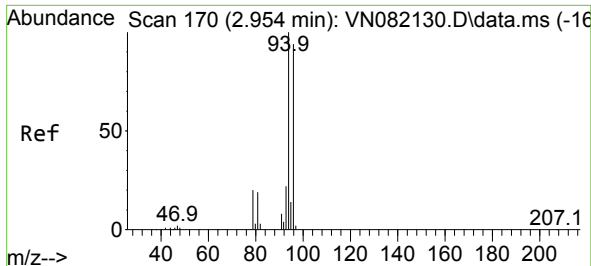
Tgt Ion:168 Resp: 168102
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.648 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Tgt Ion: 85 Resp: 1570
Ion Ratio Lower Upper
85 100
87 42.5 15.8 47.4

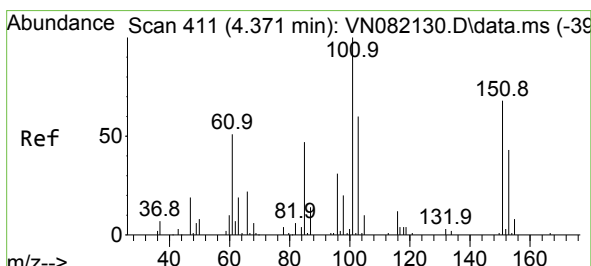
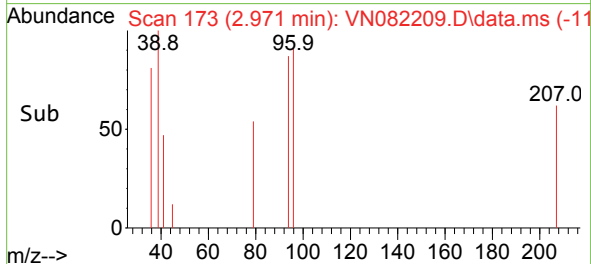
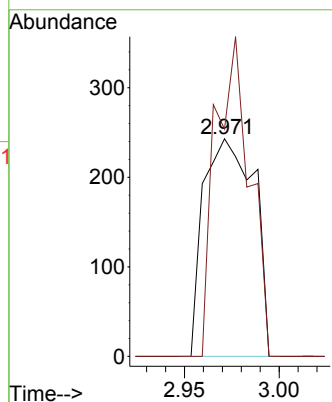
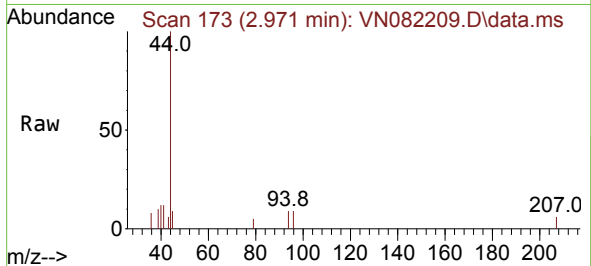




#5
Bromomethane
Concen: 0.305 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

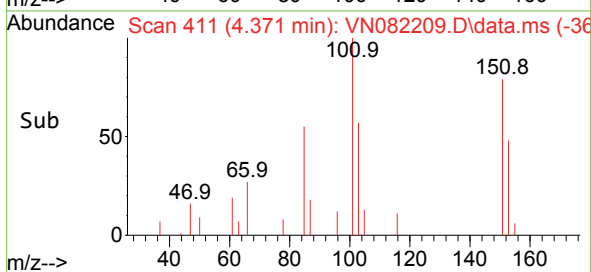
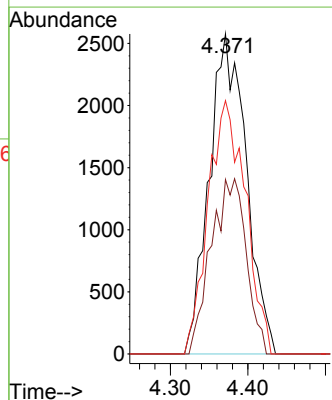
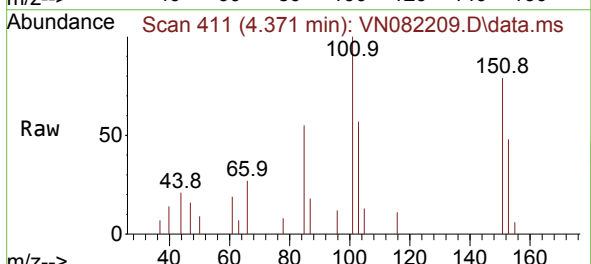
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

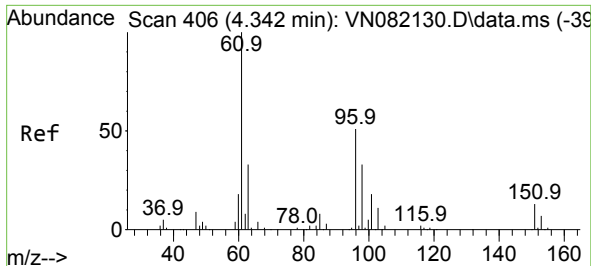
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 104.5 74.8 112.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.336 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Tgt Ion: 101 Resp: 8564
Ion Ratio Lower Upper
101 100
85 52.0 37.3 55.9
151 80.0 59.2 88.8





#12

1,1-Dichloroethene

Concen: 1.148 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN082209.D

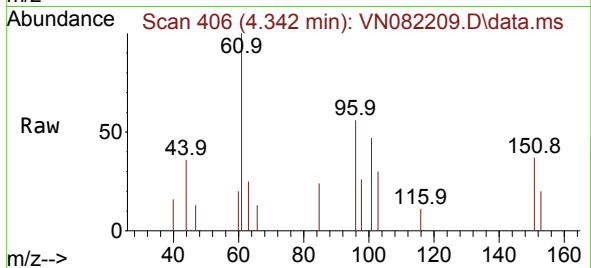
Acq: 20 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-191D1-GW-20240516



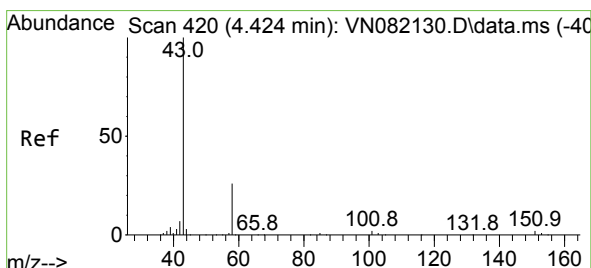
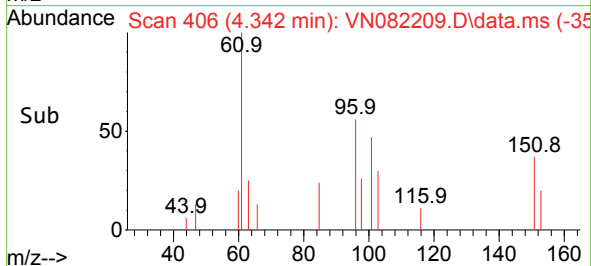
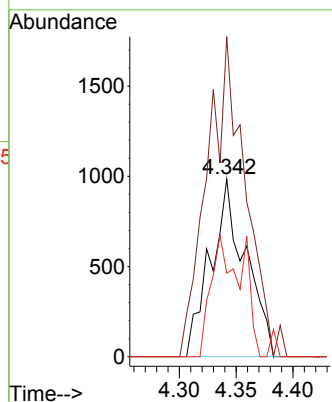
Tgt Ion: 96 Resp: 2107

Ion Ratio Lower Upper

96 100

61 180.1 119.7 179.5#

98 47.0 49.6 74.4#



#16

Acetone

Concen: 2.354 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN082209.D

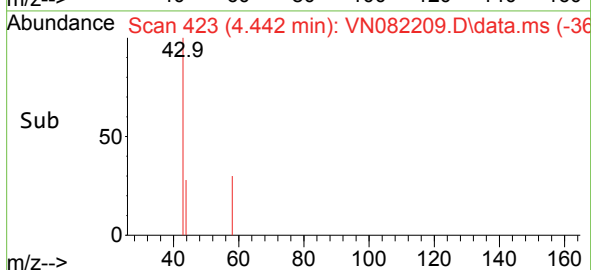
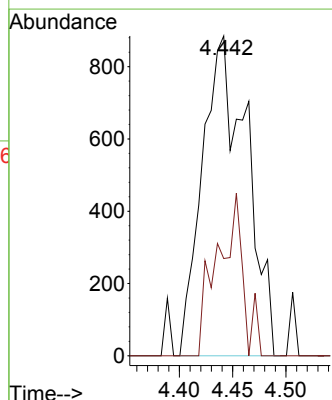
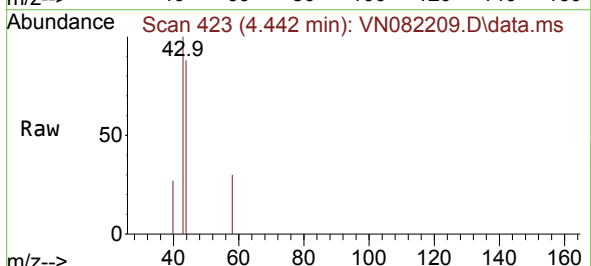
Acq: 20 May 2024 14:58

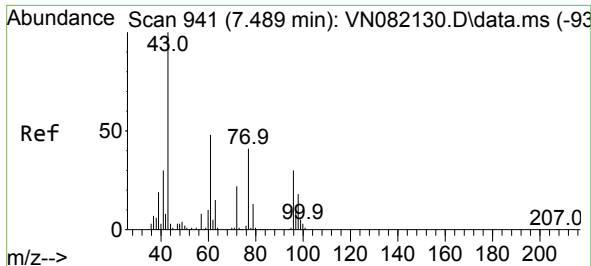
Tgt Ion: 43 Resp: 2563

Ion Ratio Lower Upper

43 100

58 30.4 25.2 37.8

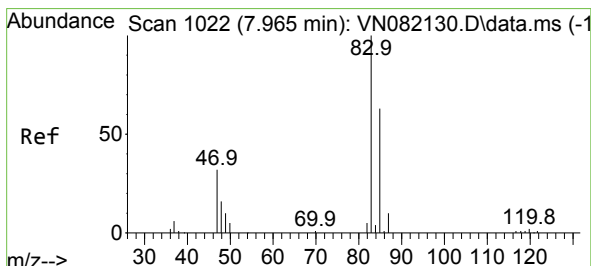
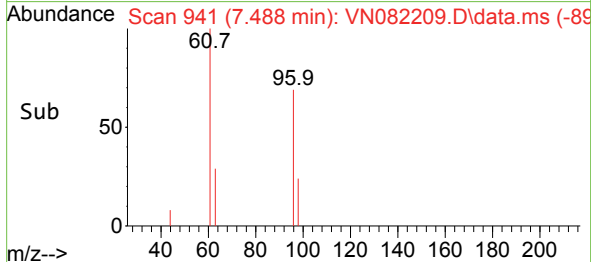
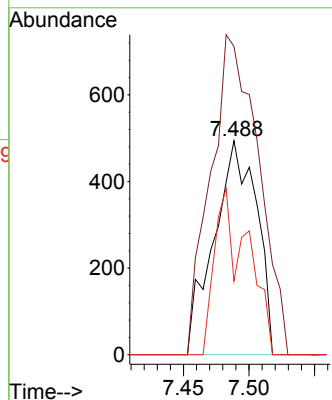
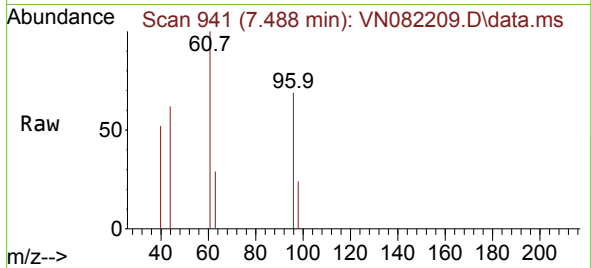




#27
 cis-1,2-Dichloroethene
 Concen: 0.474 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082209.D
 Acq: 20 May 2024 14:58

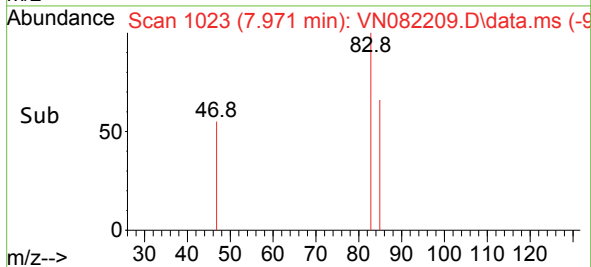
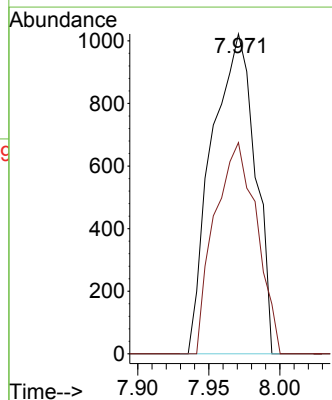
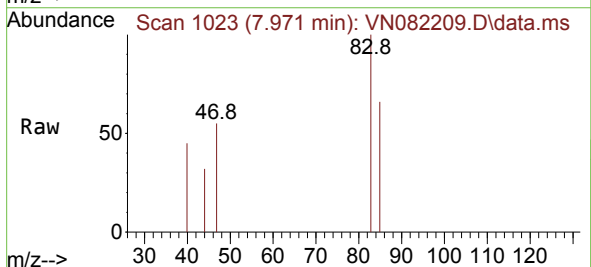
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-191D1-GW-20240516

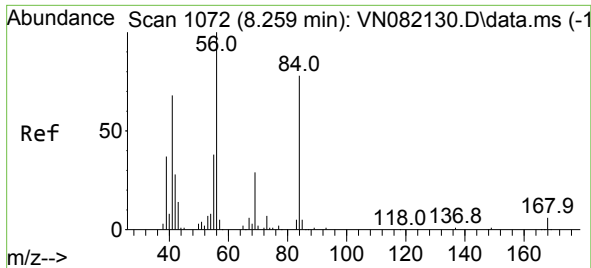
Tgt Ion: 96 Resp: 1118
 Ion Ratio Lower Upper
 96 100
 61 167.6 0.0 268.0
 98 60.0 0.0 126.8



#30
 Chloroform
 Concen: 0.537 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN082209.D
 Acq: 20 May 2024 14:58

Tgt Ion: 83 Resp: 2171
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.7 76.1

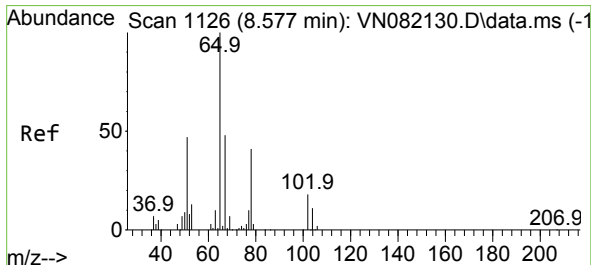
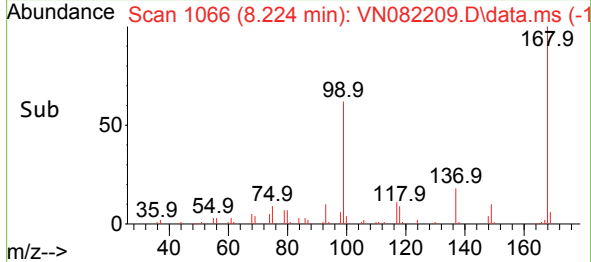
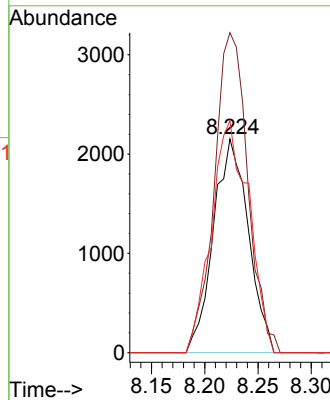
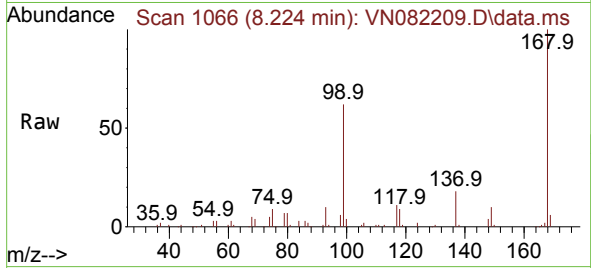




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

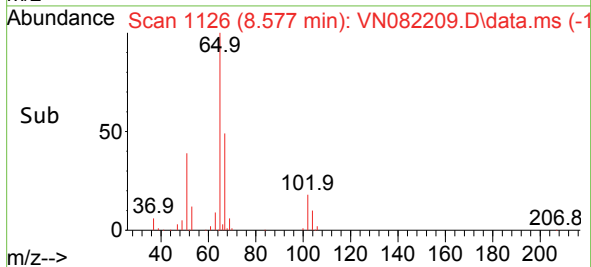
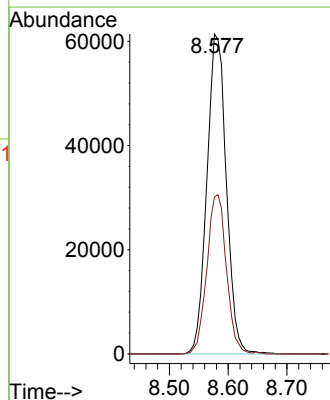
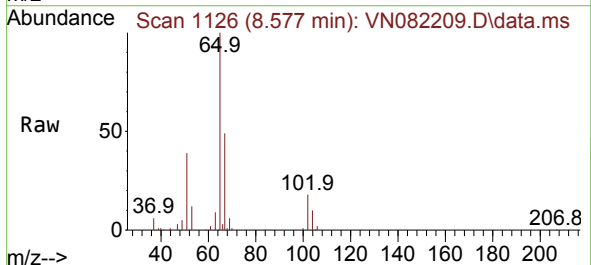
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

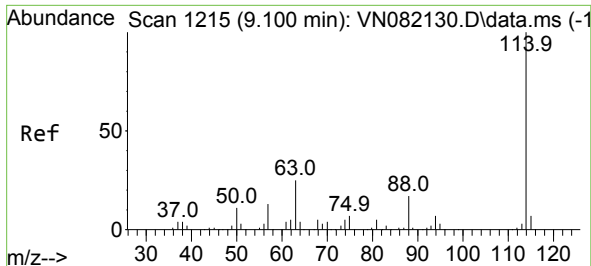
Tgt Ion: 56 Resp: 4890
Ion Ratio Lower Upper
56 100
69 149.7 24.4 36.6#
84 108.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.155 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Tgt Ion: 65 Resp: 141092
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0

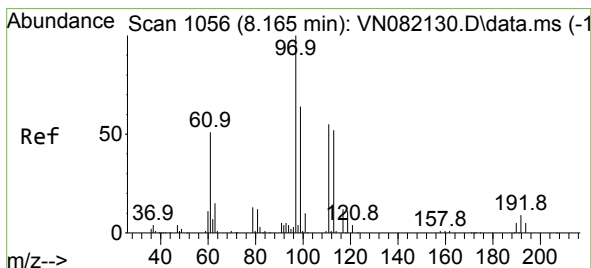
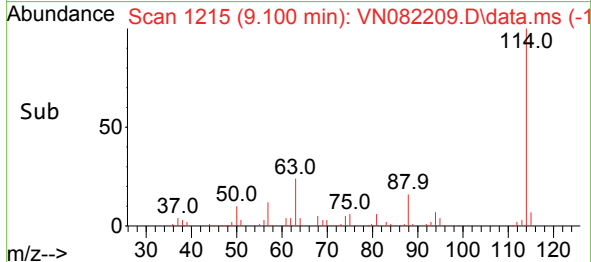
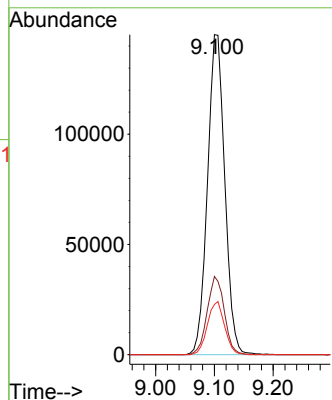
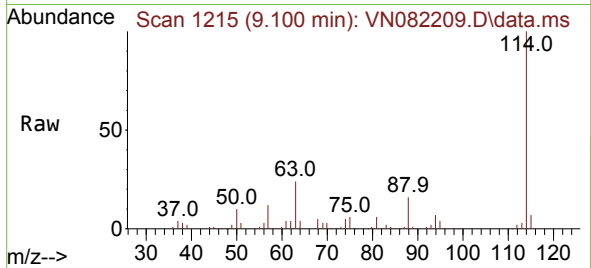




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

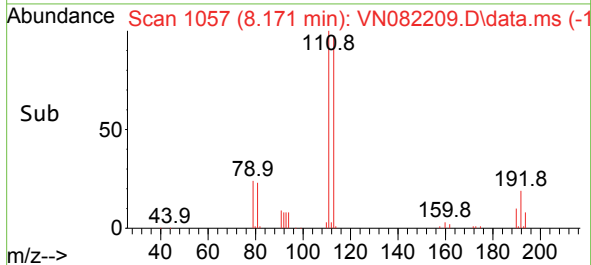
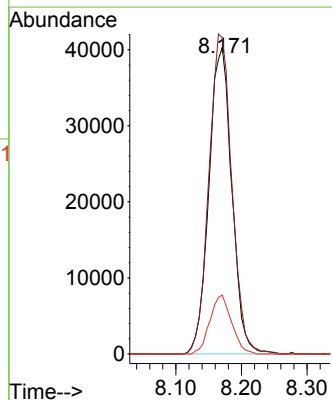
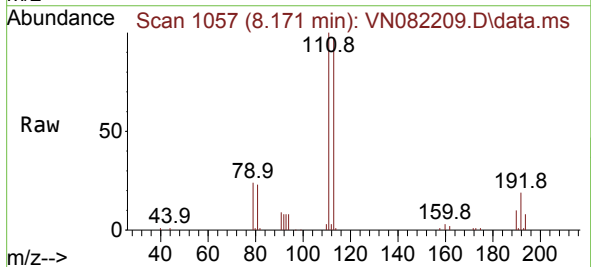
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

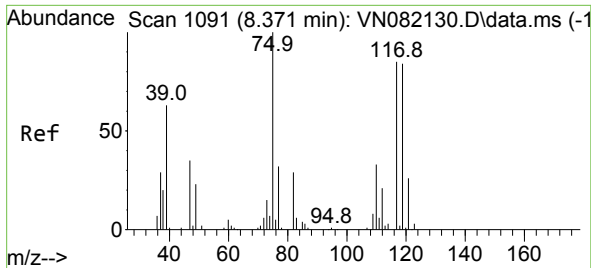
Tgt Ion:114 Resp: 296406
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.640 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

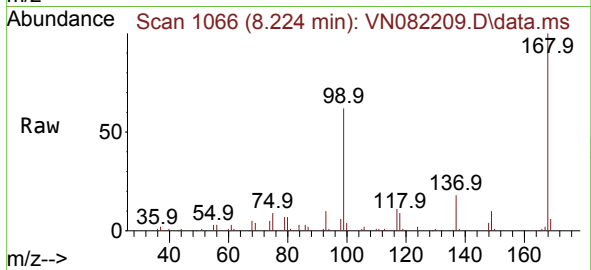
Tgt Ion:113 Resp: 97805
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.2
192 18.2 14.0 21.0



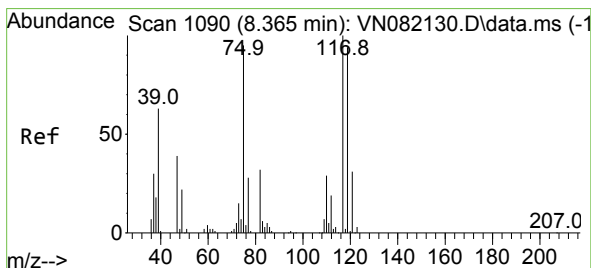
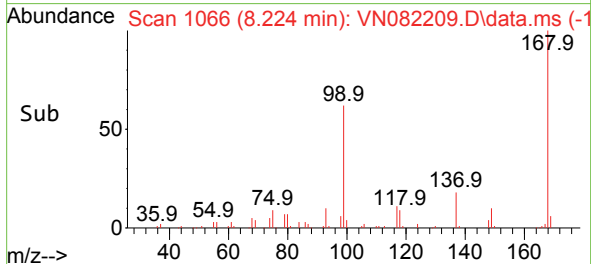
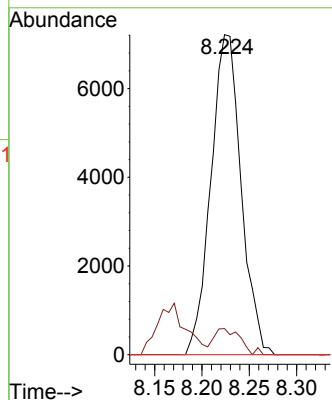


#36
1,1-Dichloropropene
Concen: 5.243 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Instrument : MSVOA_N
ClientSampleId : BP-TT-191D1-GW-20240516

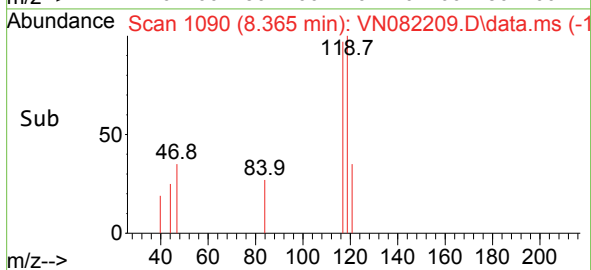
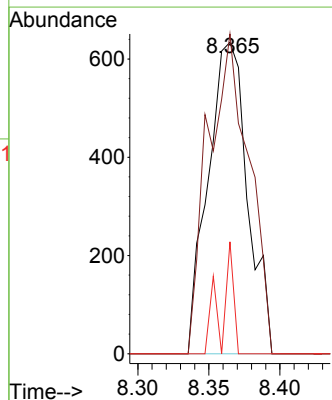
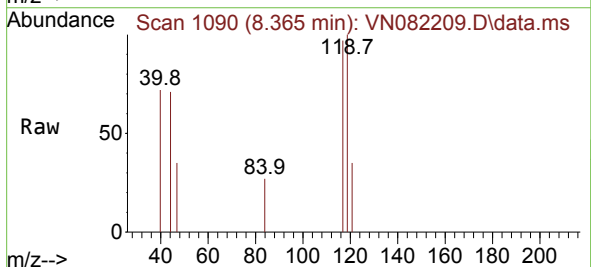


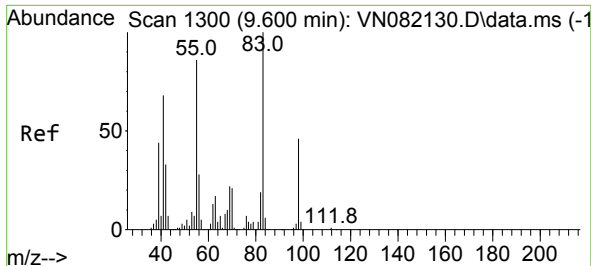
Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
110 7.1 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 0.396 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Tgt Ion: 117 Resp: 1229
Ion Ratio Lower Upper
117 100
119 102.7 76.5 114.7
121 36.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.627 ug/l

RT: 9.347 min Scan# 1153

Delta R.T. -0.253 min

Lab File: VN082209.D

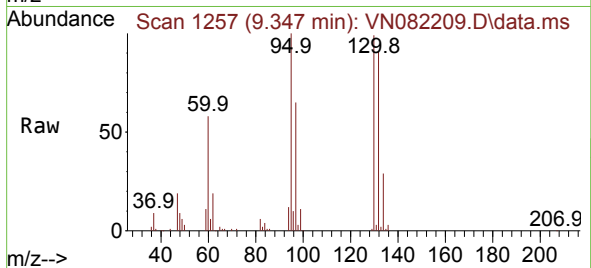
Acq: 20 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-191D1-GW-20240516



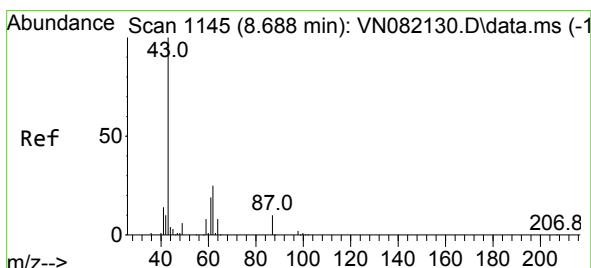
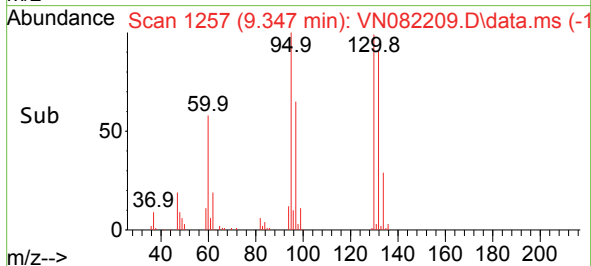
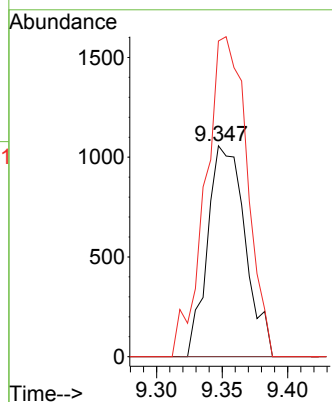
Tgt Ion: 83 Resp: 2103

Ion Ratio Lower Upper

83 100

55 0.0 53.0 79.6#

98 149.7 37.1 55.7#



#43

Isopropyl Acetate

Concen: 0.534 ug/l

RT: 8.735 min Scan# 1153

Delta R.T. 0.047 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

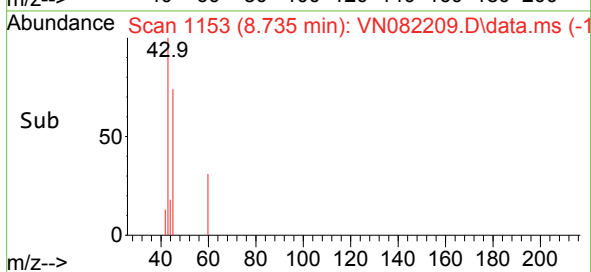
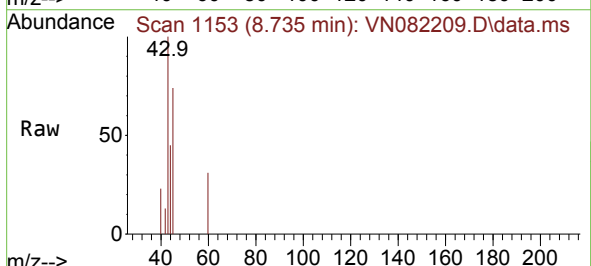
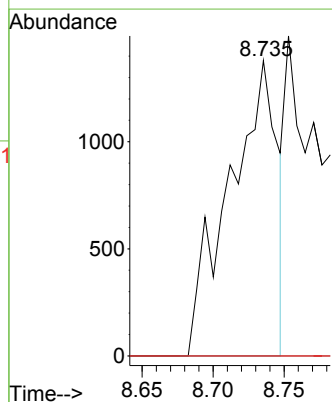
Tgt Ion: 43 Resp: 3238

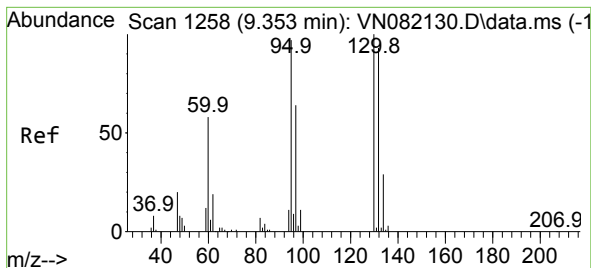
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 66.051 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

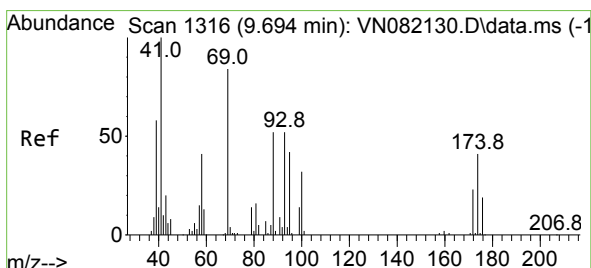
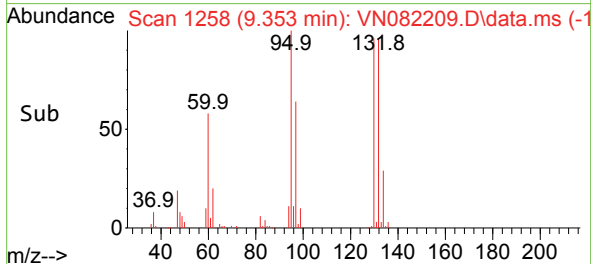
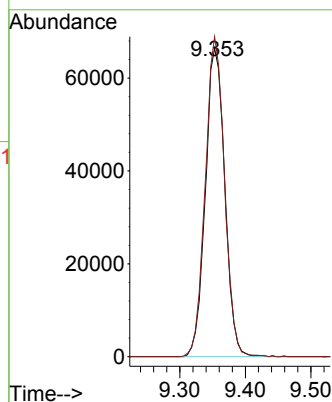
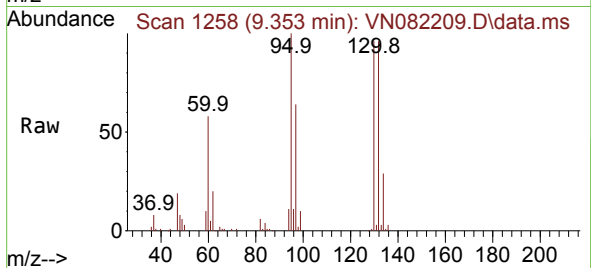
BP-TT-191D1-GW-20240516

Tgt Ion:130 Resp: 136822

Ion Ratio Lower Upper

130 100

95 103.8 0.0 195.4



#49

1,4-Dioxane

Concen: 5.656 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

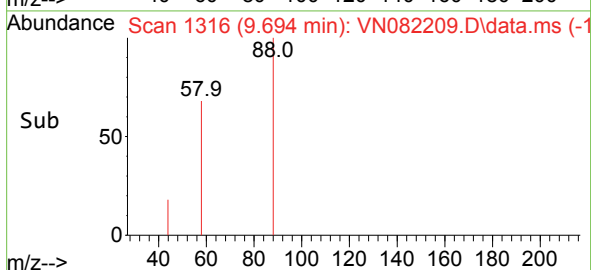
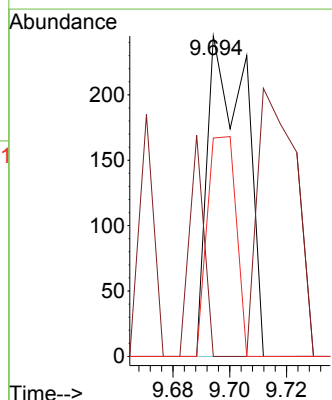
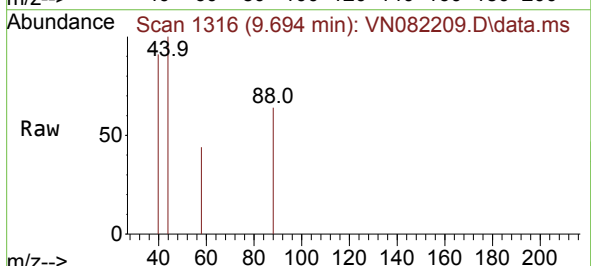
Tgt Ion: 88 Resp: 229

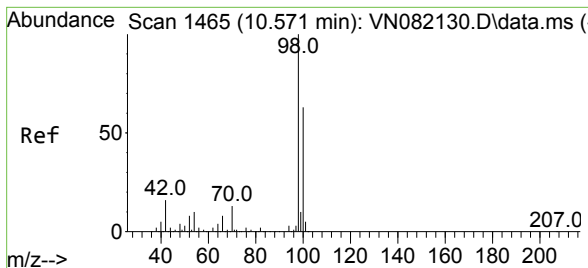
Ion Ratio Lower Upper

88 100

43 26.2 19.0 28.6

58 51.5 50.6 76.0





#50

Toluene-d8

Concen: 54.722 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

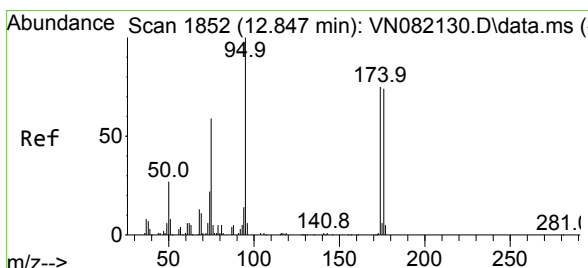
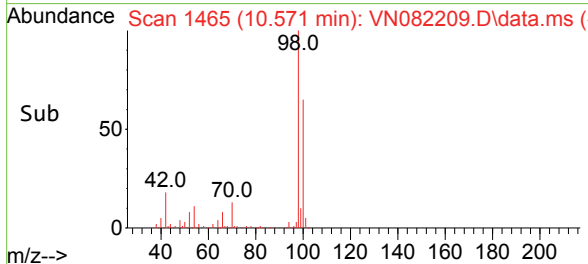
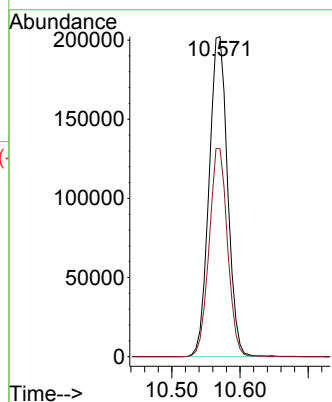
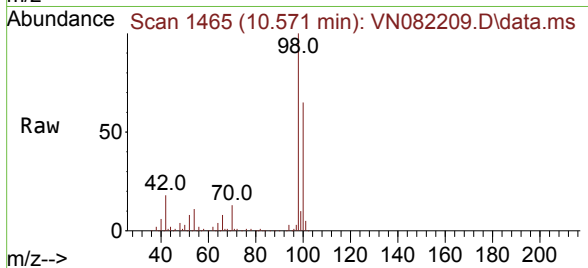
BP-TT-191D1-GW-20240516

Tgt Ion: 98 Resp: 382539

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.527 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

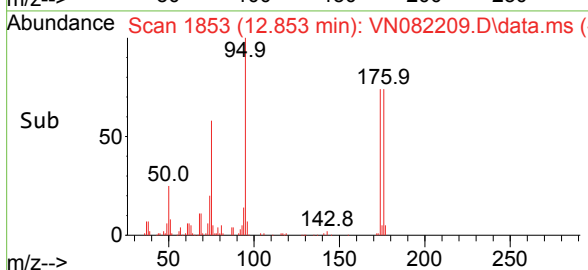
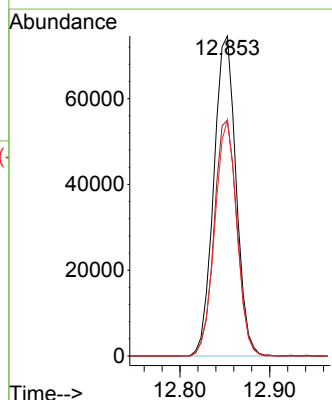
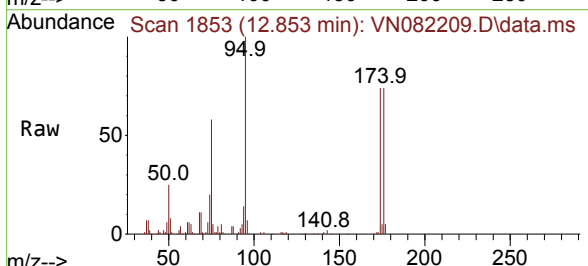
Tgt Ion: 95 Resp: 128565

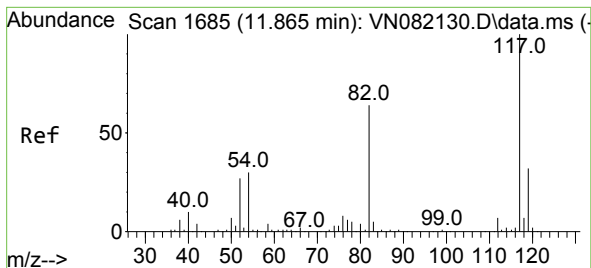
Ion Ratio Lower Upper

95 100

174 75.2 0.0 160.6

176 72.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-191D1-GW-20240516

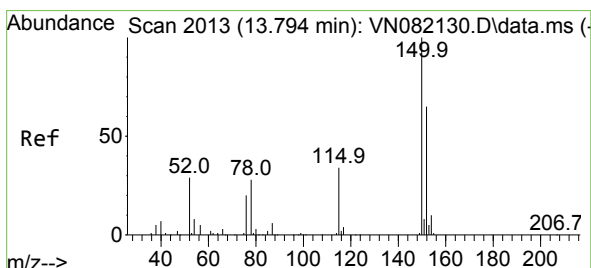
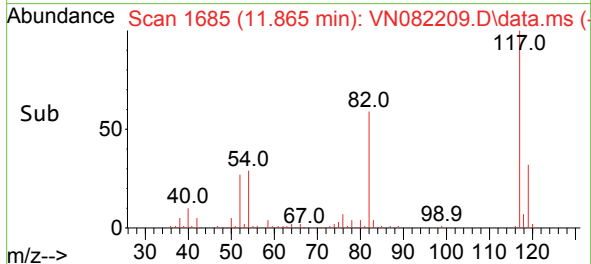
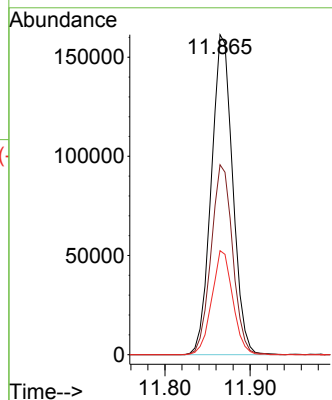
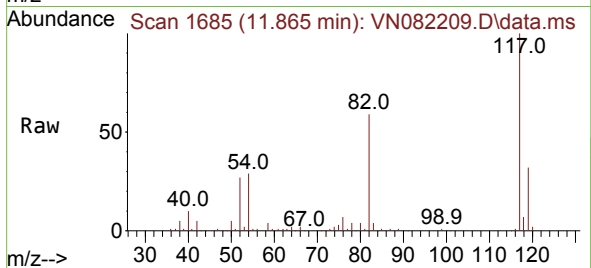
Tgt Ion:117 Resp: 281374

Ion Ratio Lower Upper

117 100

82 59.4 44.6 66.8

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082209.D

Acq: 20 May 2024 14:58

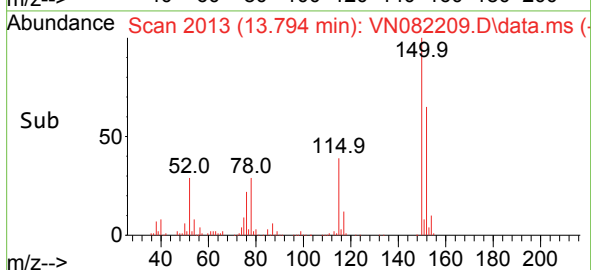
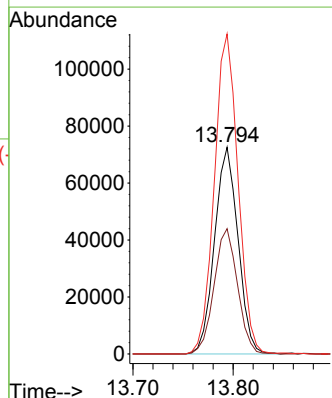
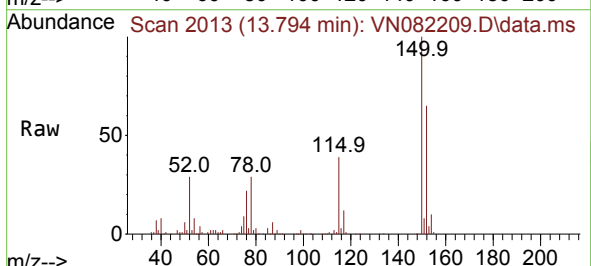
Tgt Ion:152 Resp: 117823

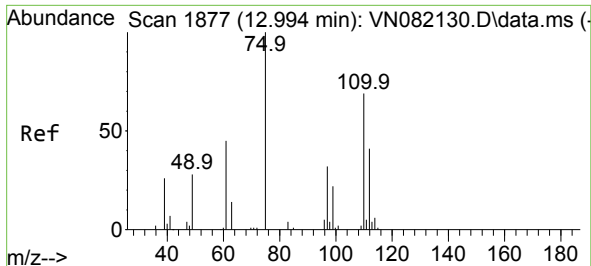
Ion Ratio Lower Upper

152 100

115 60.7 30.4 91.3

150 156.5 0.0 353.2

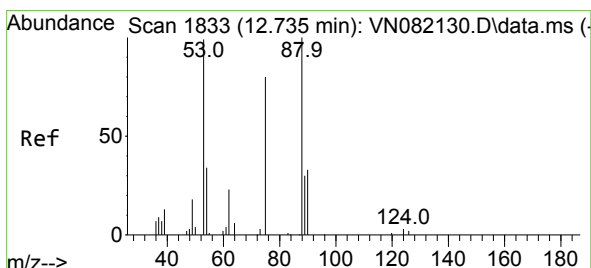
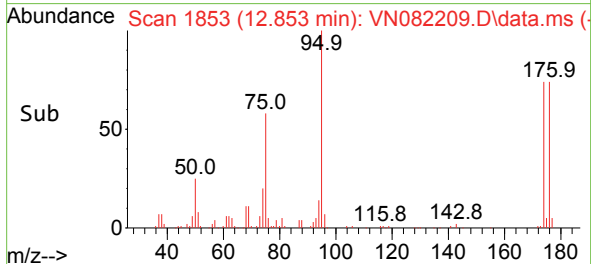
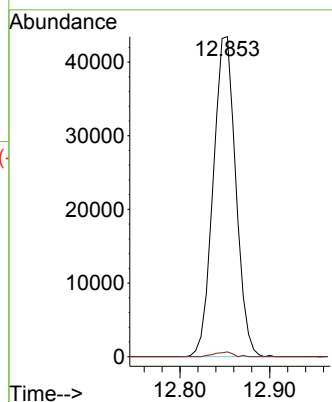
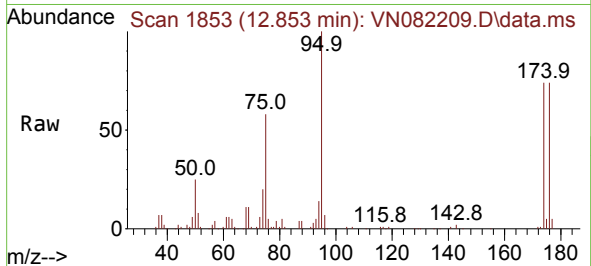




#76
1,2,3-Trichloropropane
Concen: 30.610 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

Tgt Ion: 75 Resp: 75910
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.596 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082209.D
Acq: 20 May 2024 14:58

Tgt Ion: 75 Resp: 75910
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

