

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082212.D
 Acq On : 20 May 2024 16:10
 Operator : JC\MD
 Sample : P2529-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-191D2-GW-20240514DL

Quant Time: May 21 03:49:28 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)

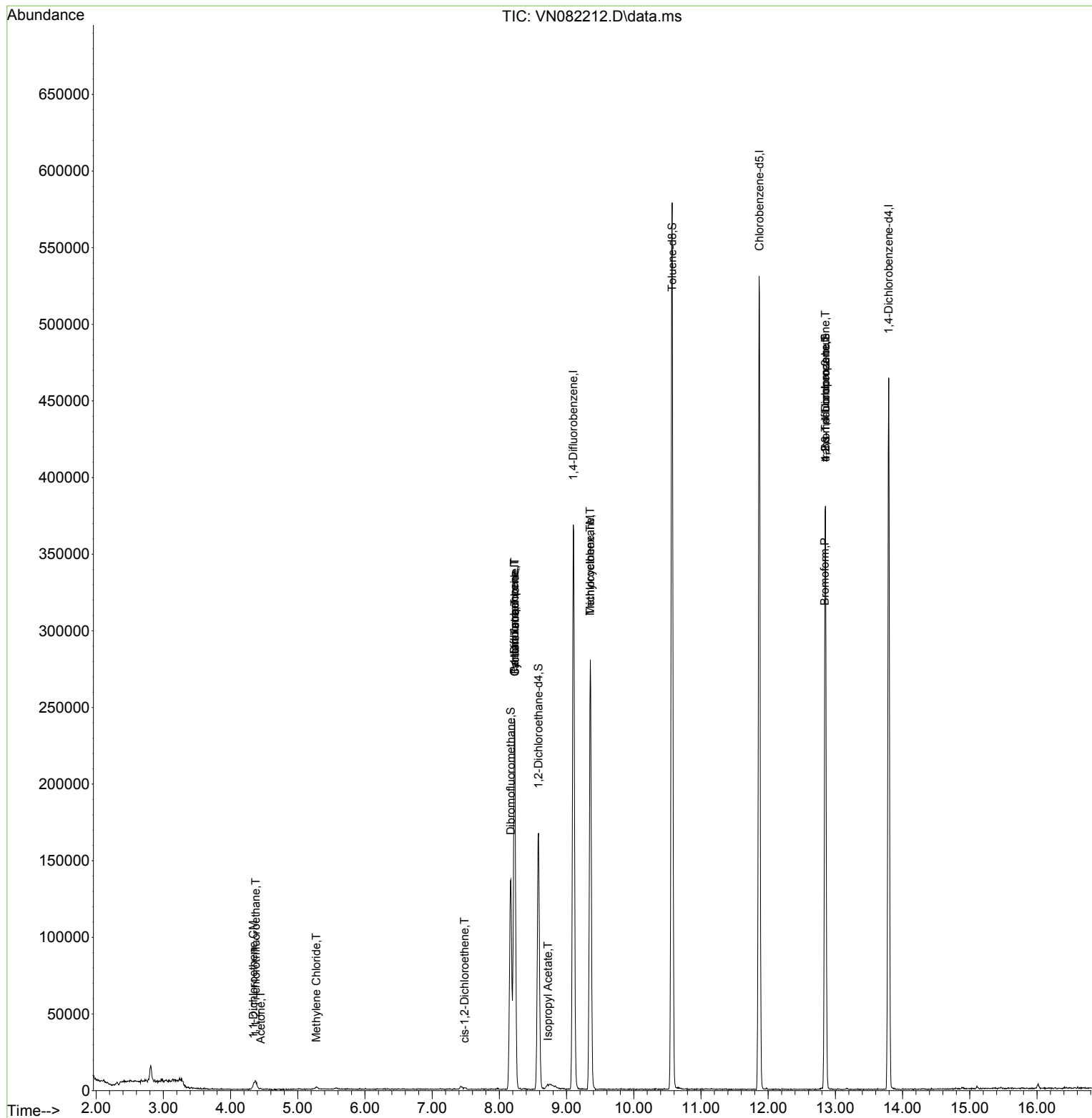
Internal Standards						
1) Pentafluorobenzene	8.224	168	165065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	273114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137117	52.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	8.171	113	96558	53.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	10.571	98	375321	54.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.853	95	124200	50.628	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.260%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	3625	1.869	ug/l	94
12) 1,1-Dichloroethene	4.342	96	1104	0.612	ug/l	90
16) Acetone	4.447	43	1524	1.425	ug/l	92
20) Methylene Chloride	5.277	84	894	0.414	ug/l #	88
27) cis-1,2-Dichloroethene	7.483	96	631	0.272	ug/l	79
31) Cyclohexane	8.230	56	4718	1.133	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	15271	5.079	ug/l #	48
38) Carbon Tetrachloride	8.230	117	18333	6.015	ug/l #	17
39) Methylcyclohexane	9.353	83	1150	0.349	ug/l #	1
43) Isopropyl Acetate	8.724	43	2469	0.414	ug/l #	52
44) Trichloroethene	9.353	130	93337	45.828	ug/l	95
71) Bromoform	12.841	173	255	0.860	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	72900	30.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72900	70.251	ug/l #	12

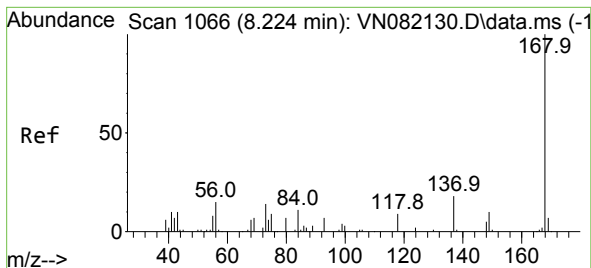
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082212.D

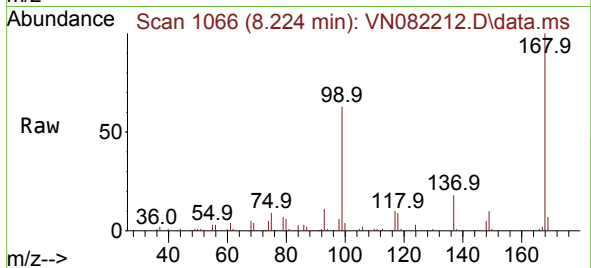
Acq: 20 May 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-191D2-GW-20240514DL

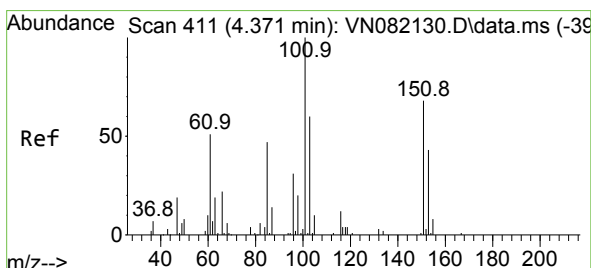
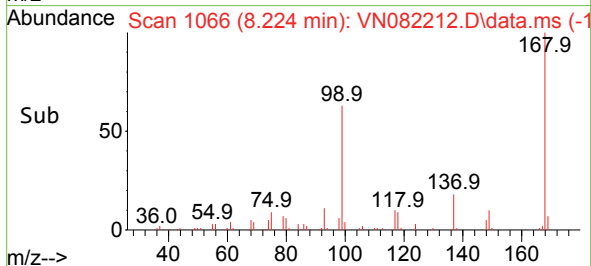
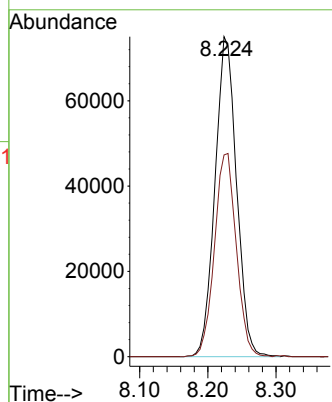


Tgt Ion:168 Resp: 165065

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.869 ug/l

RT: 4.377 min Scan# 412

Delta R.T. 0.006 min

Lab File: VN082212.D

Acq: 20 May 2024 16:10

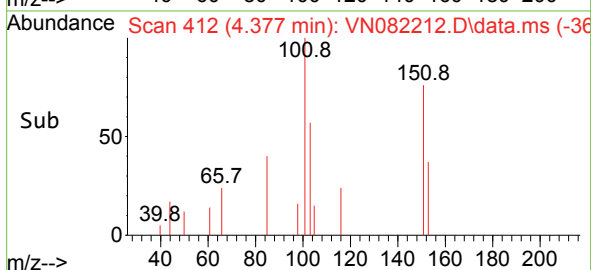
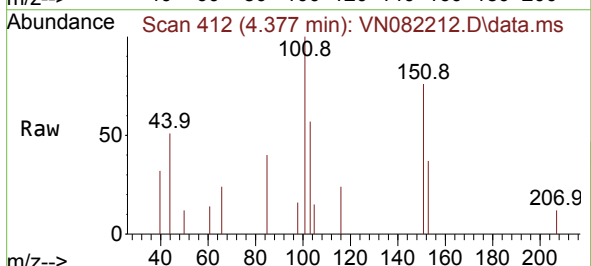
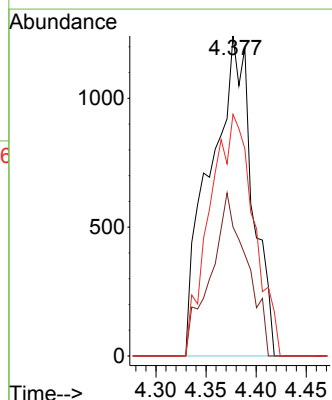
Tgt Ion:101 Resp: 3625

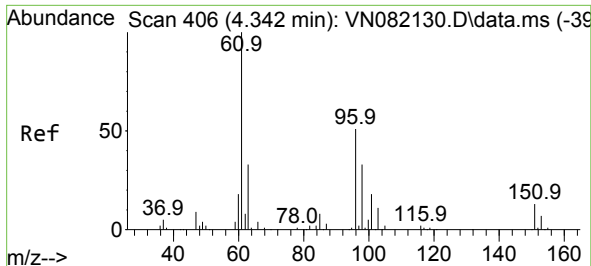
Ion Ratio Lower Upper

101 100

85 43.5 37.3 55.9

151 79.2 59.2 88.8

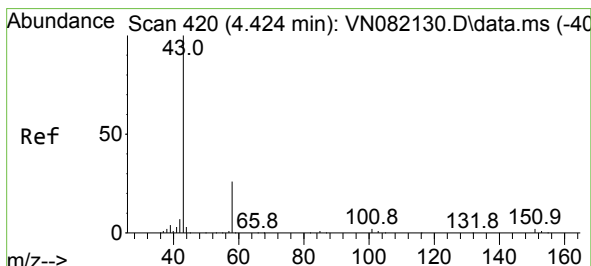
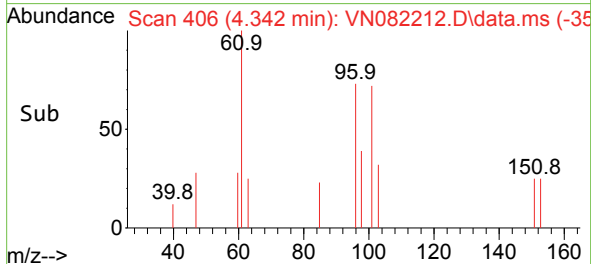
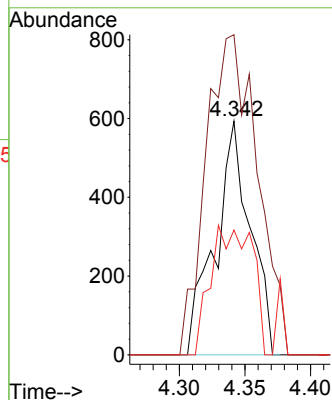
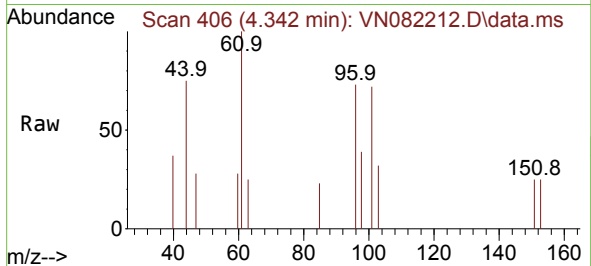




#12
1,1-Dichloroethene
Concen: 0.612 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

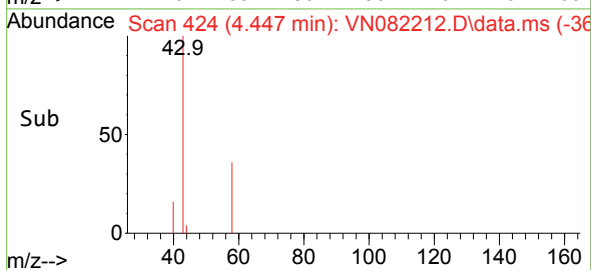
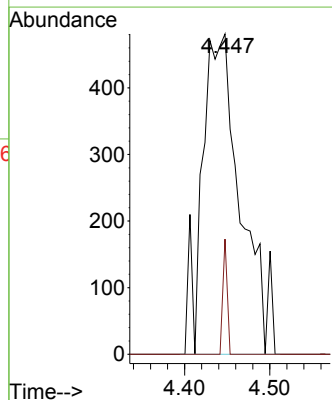
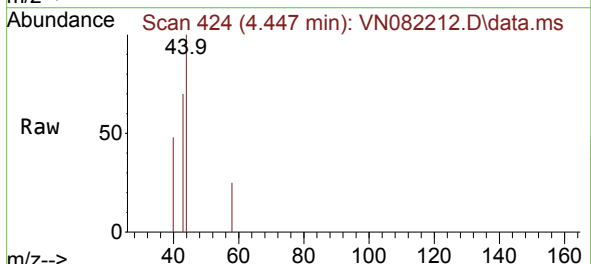
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D2-GW-20240514DL

Tgt Ion: 96 Resp: 1104
Ion Ratio Lower Upper
96 100
61 137.1 119.7 179.5
98 53.5 49.6 74.4



#16
Acetone
Concen: 1.425 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

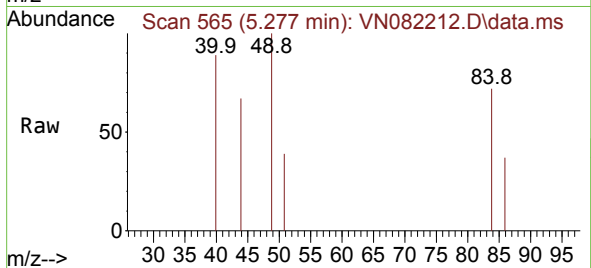
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 36.0 25.2 37.8



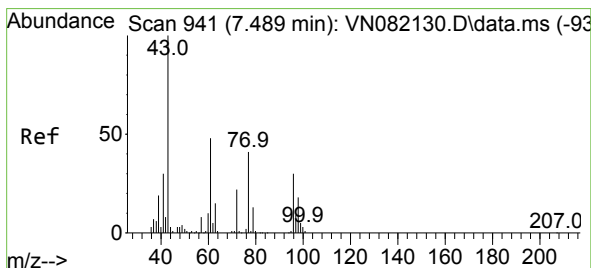
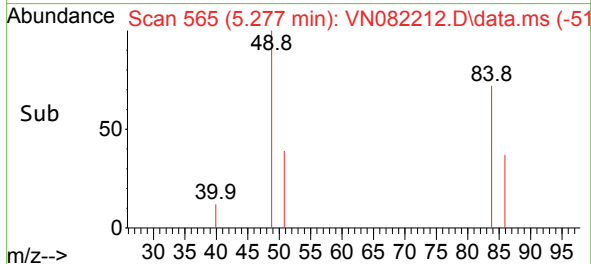
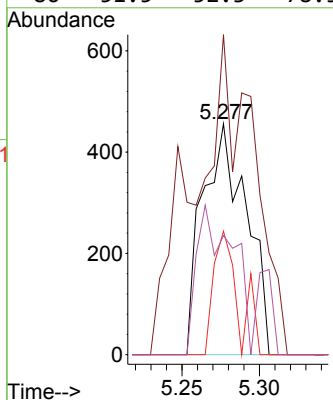


#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D2-GW-20240514DL

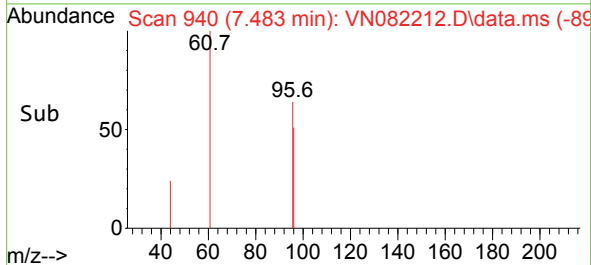
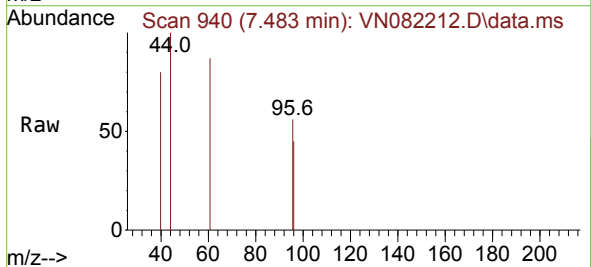
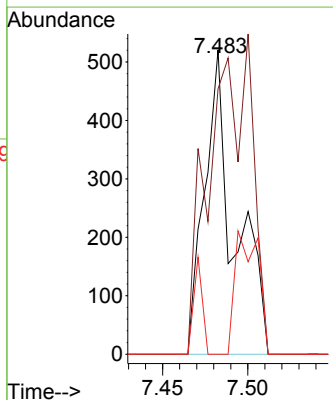


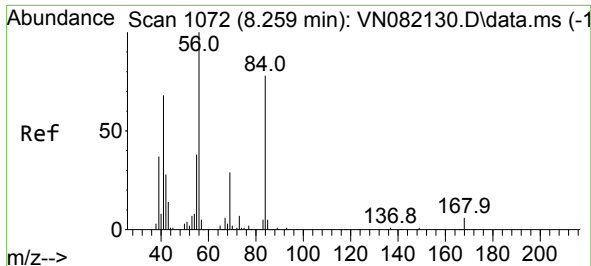
Tgt Ion:	84	Resp:	894
Ion	Ratio	Lower	Upper
84	100		
49	105.5	84.9	127.3
51	53.5	27.0	40.6#
86	51.5	52.3	78.5#



#27
cis-1,2-Dichloroethene
Concen: 0.272 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Tgt Ion:	96	Resp:	631
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	268.0
98	31.7	0.0	126.8

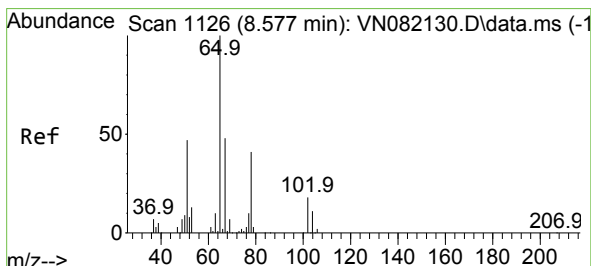
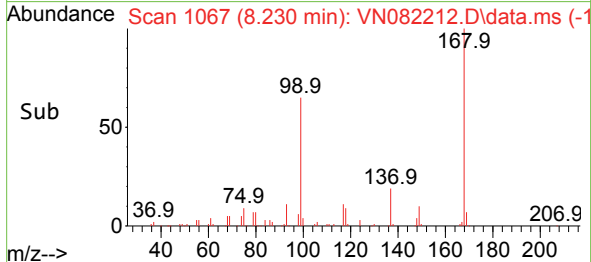
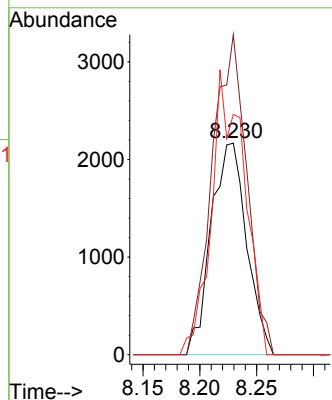
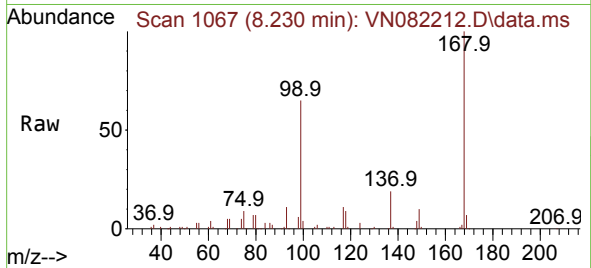




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.030 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

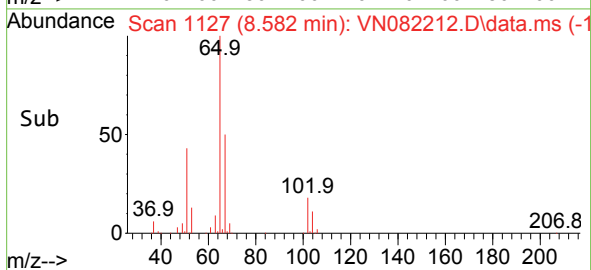
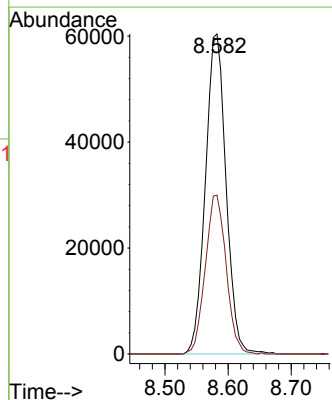
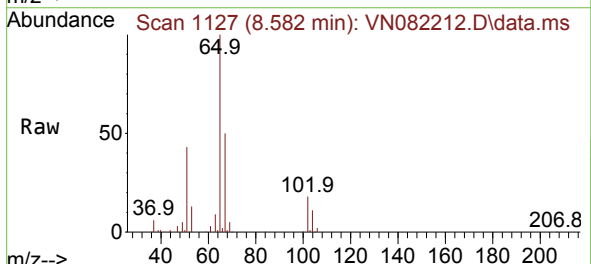
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D2-GW-20240514DL

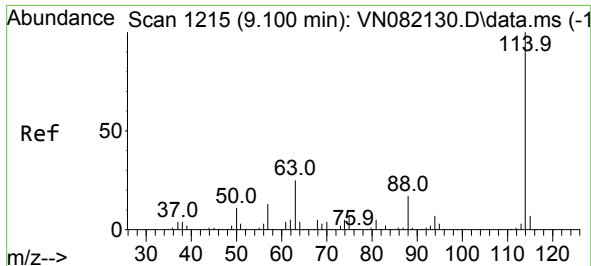
Tgt Ion: 56 Resp: 4718
Ion Ratio Lower Upper
56 100
69 151.3 24.4 36.6#
84 113.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.607 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Tgt Ion: 65 Resp: 137117
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0

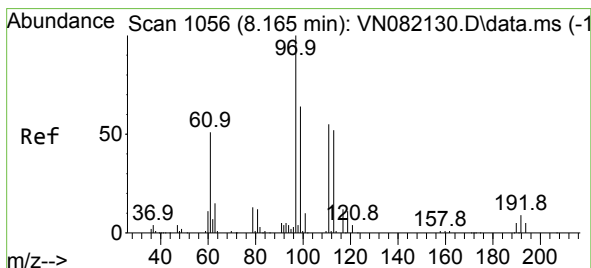
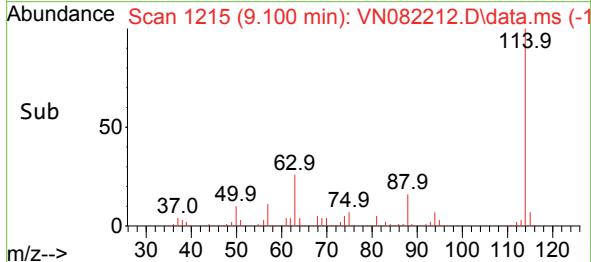
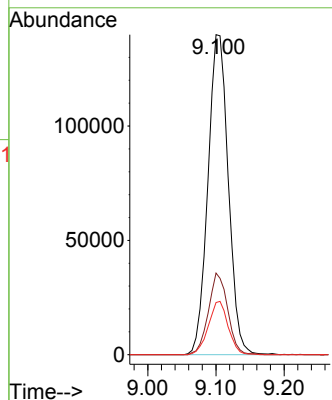
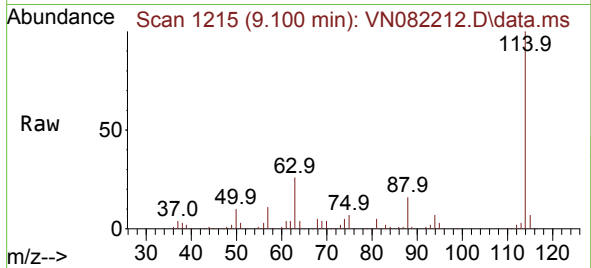




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

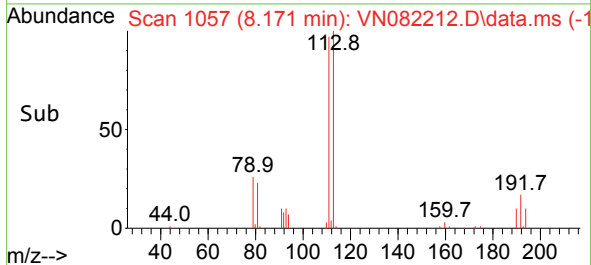
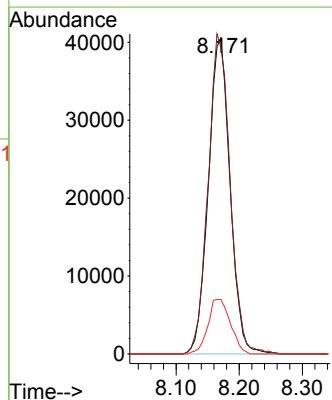
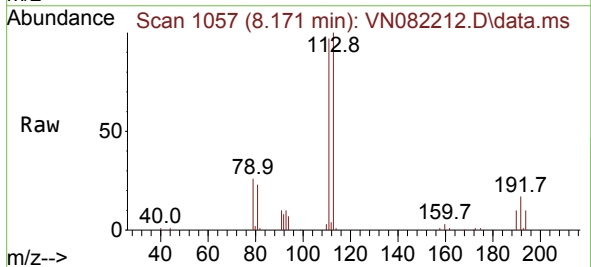
Instrument :
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BP-TT-191D2-GW-20240514DL

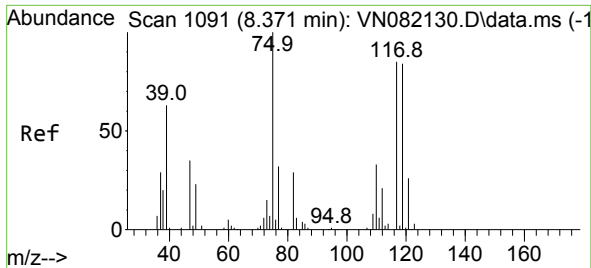
Tgt Ion:114 Resp: 291427
Ion Ratio Lower Upper
114 100
63 25.5 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.861 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

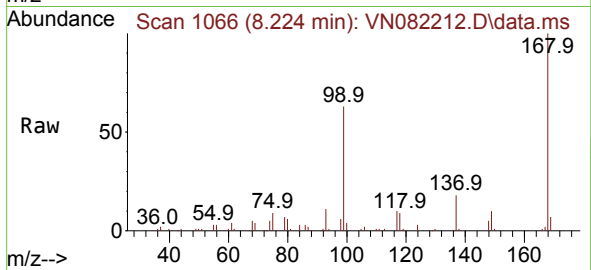
Tgt Ion:113 Resp: 96558
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 18.0 14.0 21.0



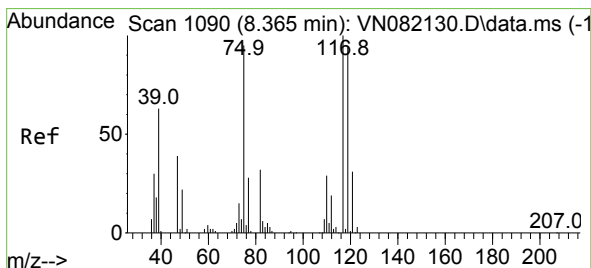
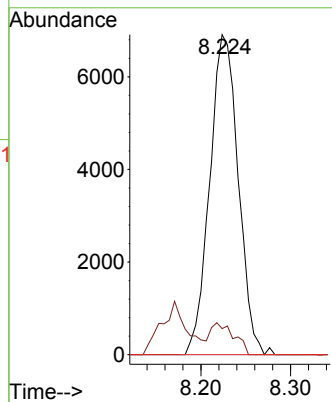
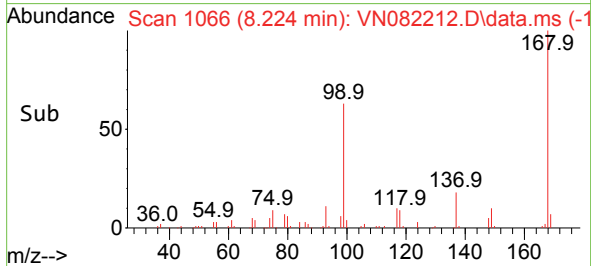


#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Instrument : MSVOA_N
ClientSampleId : BP-TT-191D2-GW-20240514DL

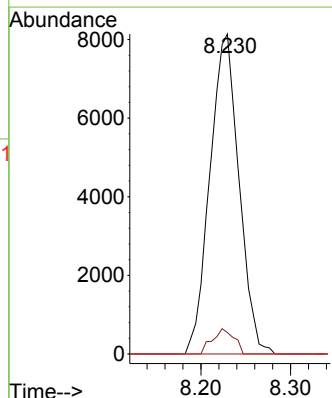
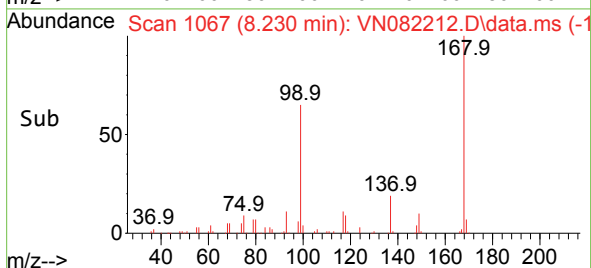
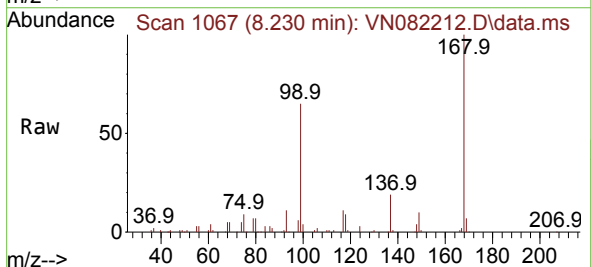


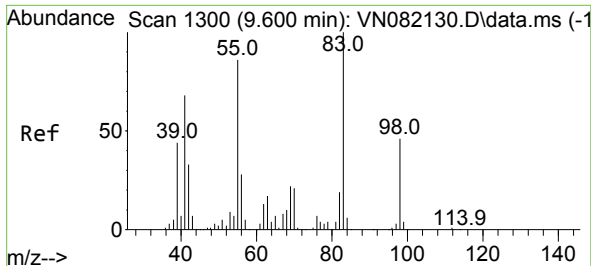
Tgt Ion: 75 Resp: 15271
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Tgt Ion: 117 Resp: 18333
Ion Ratio Lower Upper
117 100
119 6.7 76.5 114.7#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.349 ug/l

RT: 9.353 min Scan# 1150

Delta R.T. -0.247 min

Lab File: VN082212.D

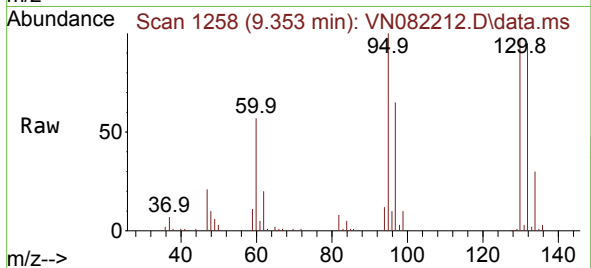
Acq: 20 May 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-191D2-GW-20240514DL



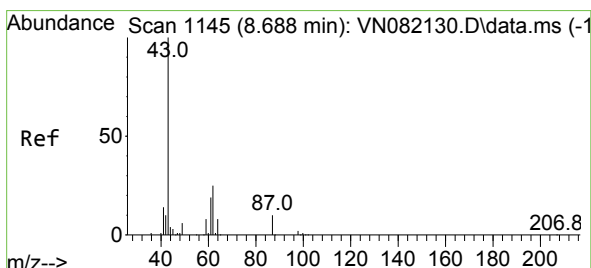
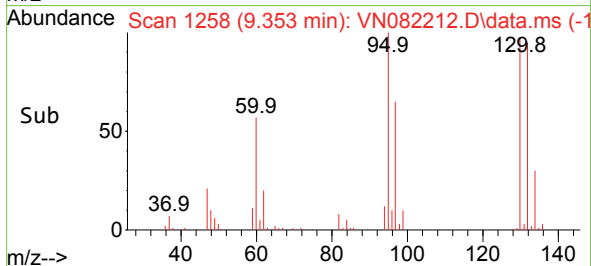
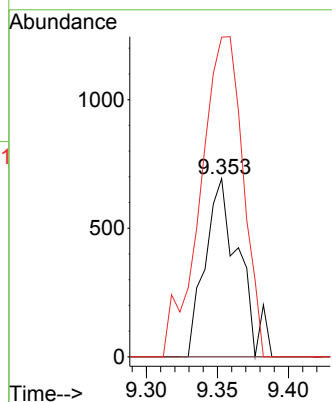
Tgt Ion: 83 Resp: 1150

Ion Ratio Lower Upper

83 100

55 0.0 53.0 79.6#

98 179.4 37.1 55.7#



#43

Isopropyl Acetate

Concen: 0.414 ug/l

RT: 8.724 min Scan# 1151

Delta R.T. 0.035 min

Lab File: VN082212.D

Acq: 20 May 2024 16:10

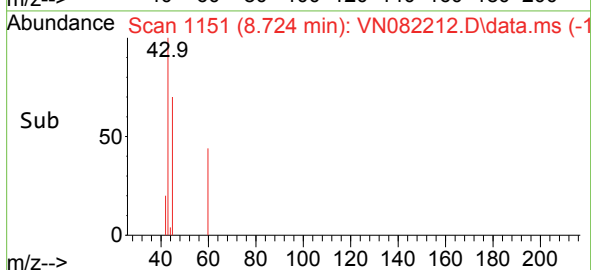
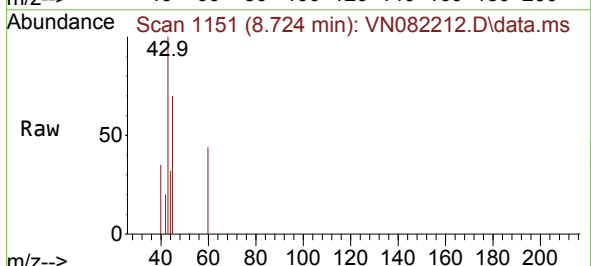
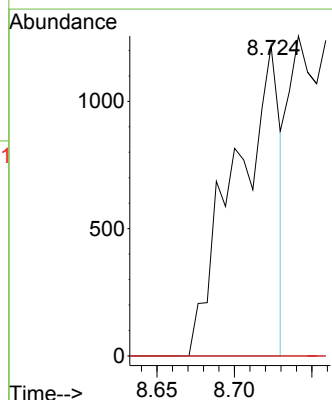
Tgt Ion: 43 Resp: 2469

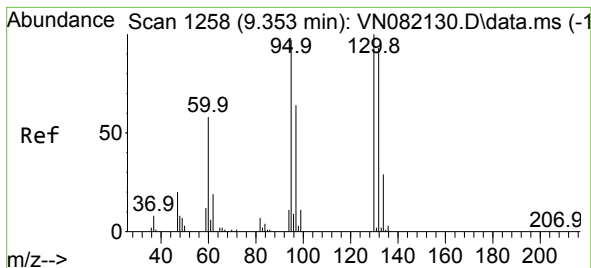
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 45.828 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082212.D

Acq: 20 May 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

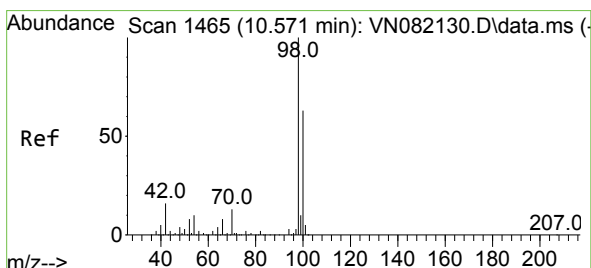
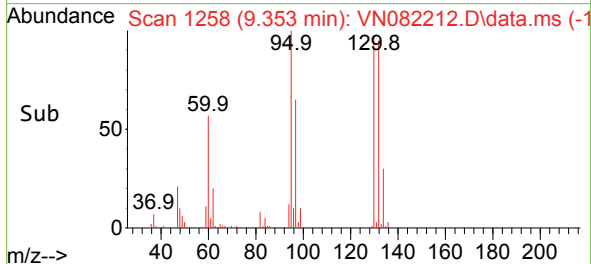
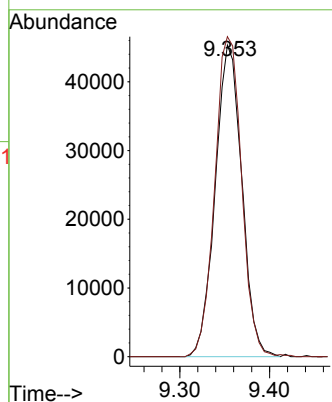
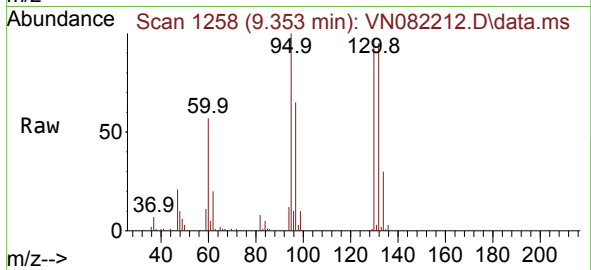
BP-TT-191D2-GW-20240514DL

Tgt Ion:130 Resp: 93337

Ion Ratio Lower Upper

130 100

95 102.7 0.0 195.4



#50

Toluene-d8

Concen: 54.607 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082212.D

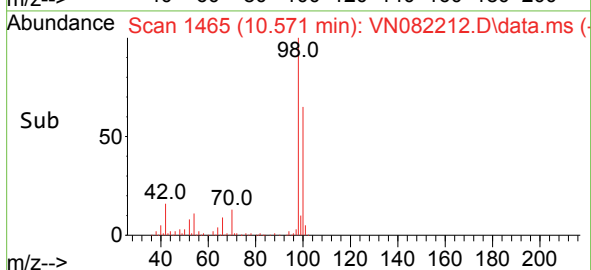
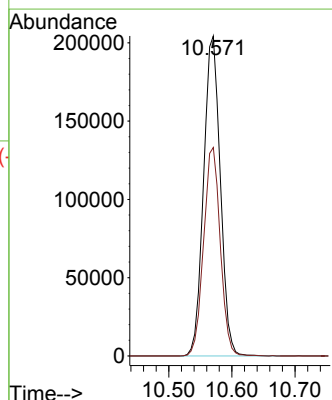
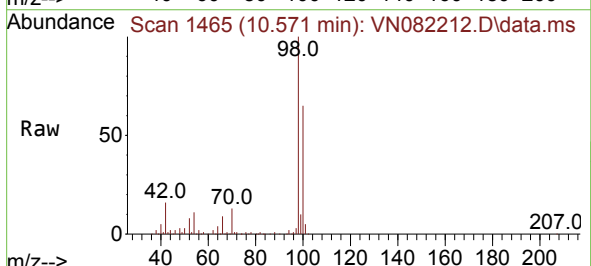
Acq: 20 May 2024 16:10

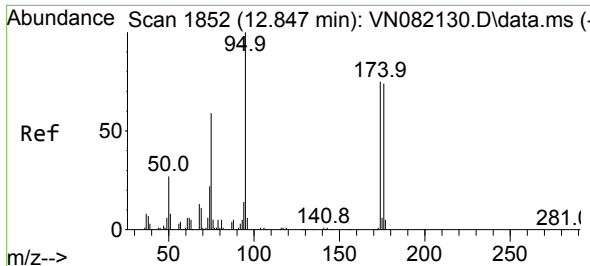
Tgt Ion: 98 Resp: 375321

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

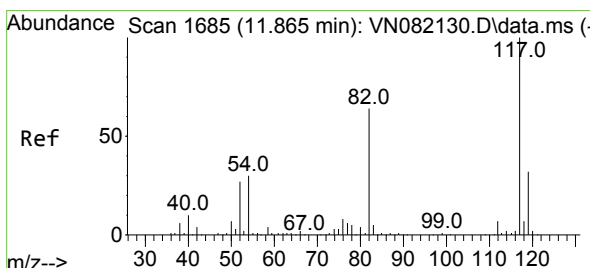
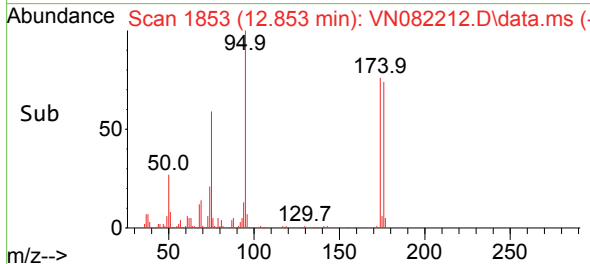
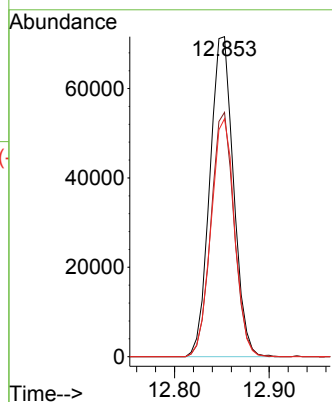
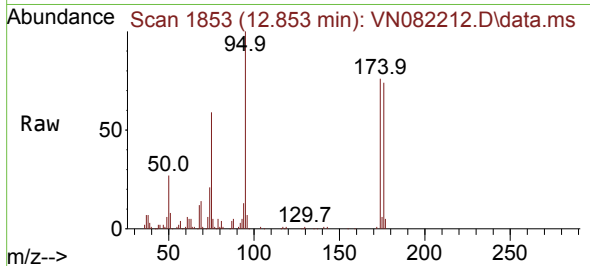




#62
4-Bromofluorobenzene
Concen: 50.628 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

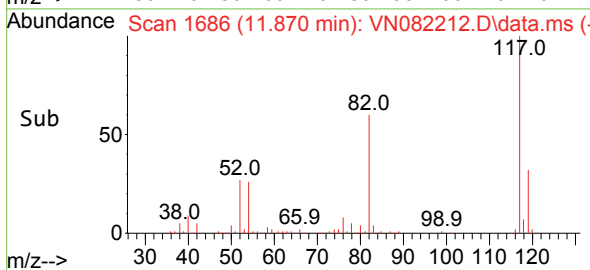
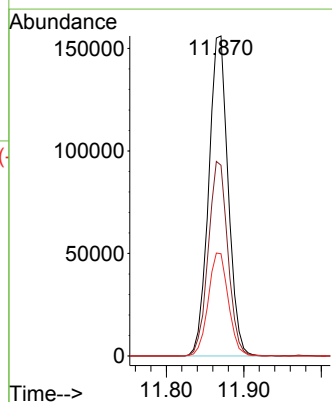
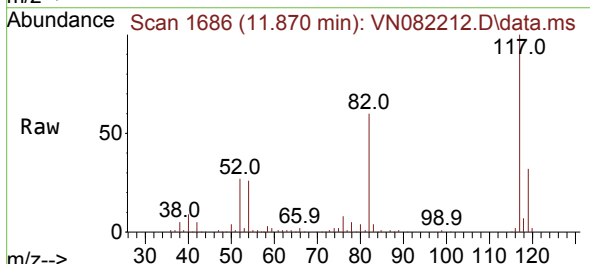
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-191D2-GW-20240514DL

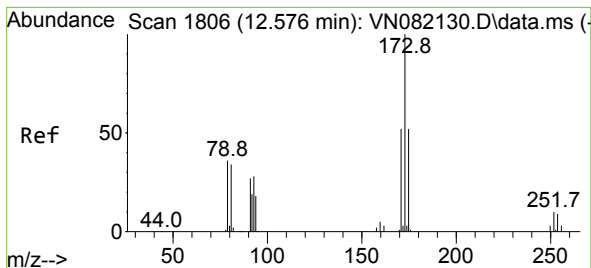
Tgt Ion: 95 Resp: 124200
Ion Ratio Lower Upper
95 100
174 74.6 0.0 160.6
176 74.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Tgt Ion: 117 Resp: 273114
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 32.0 25.9 38.9





#71

Bromoform

Concen: 0.860 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN082212.D

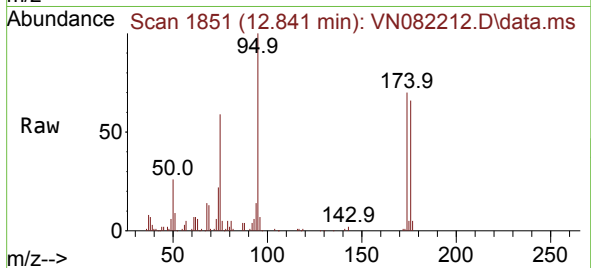
Acq: 20 May 2024 16:10

Instrument :

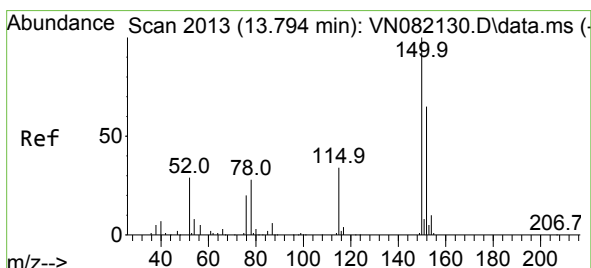
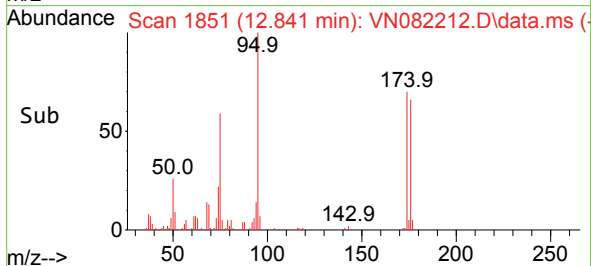
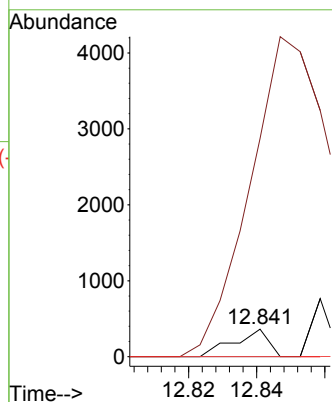
MSVOA_N

ClientSampleId :

BP-TT-191D2-GW-20240514DL



Tgt Ion:	173	Resp:	255
Ion Ratio	Lower	Upper	
173	100		
175	1889.4	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

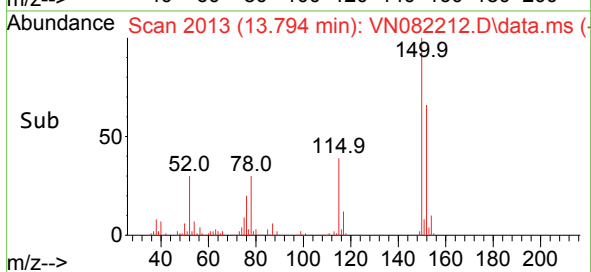
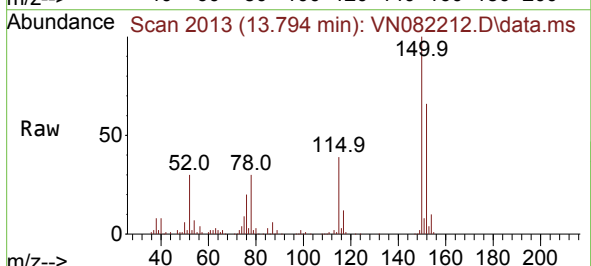
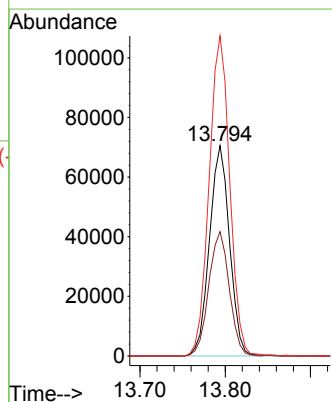
RT: 13.794 min Scan# 2013

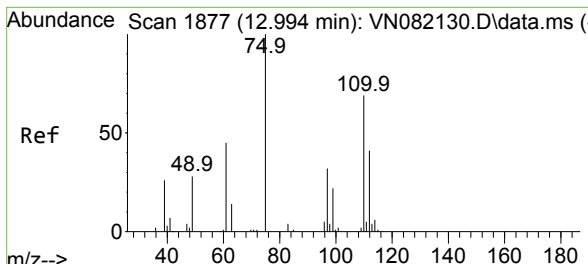
Delta R.T. -0.000 min

Lab File: VN082212.D

Acq: 20 May 2024 16:10

Tgt Ion:	152	Resp:	115318
Ion Ratio	Lower	Upper	
152	100		
115	60.4	30.4	91.3
150	156.1	0.0	353.2

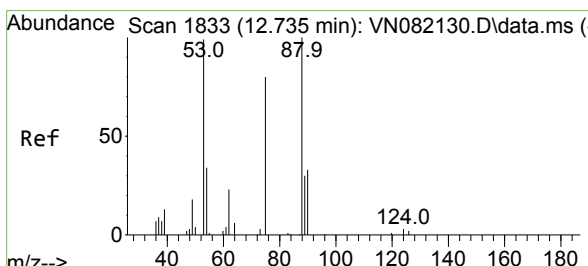
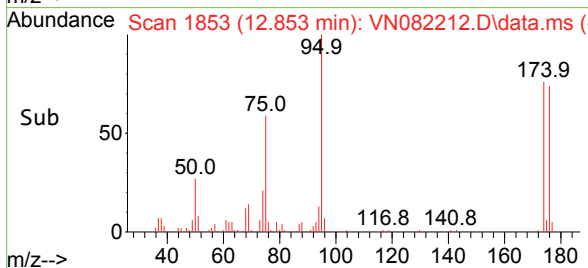
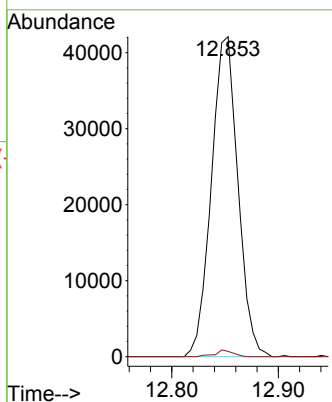
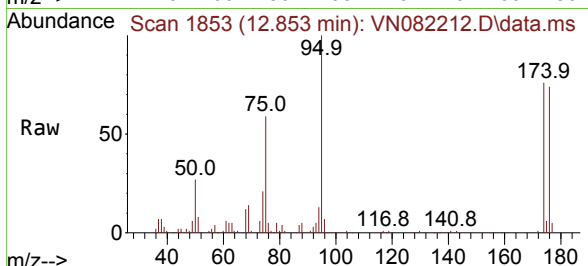




#76
1,2,3-Trichloropropane
Concen: 30.035 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Instrument : MSVOA_N
ClientSampleId : BP-TT-191D2-GW-20240514DL

Tgt Ion: 75 Resp: 72900
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.251 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082212.D
Acq: 20 May 2024 16:10

Tgt Ion: 75 Resp: 72900
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

