

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080554.D
 Acq On : 20 Dec 2023 18:05
 Operator : JC\MD
 Sample : 05942-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923

Quant Time: Dec 21 02:48:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

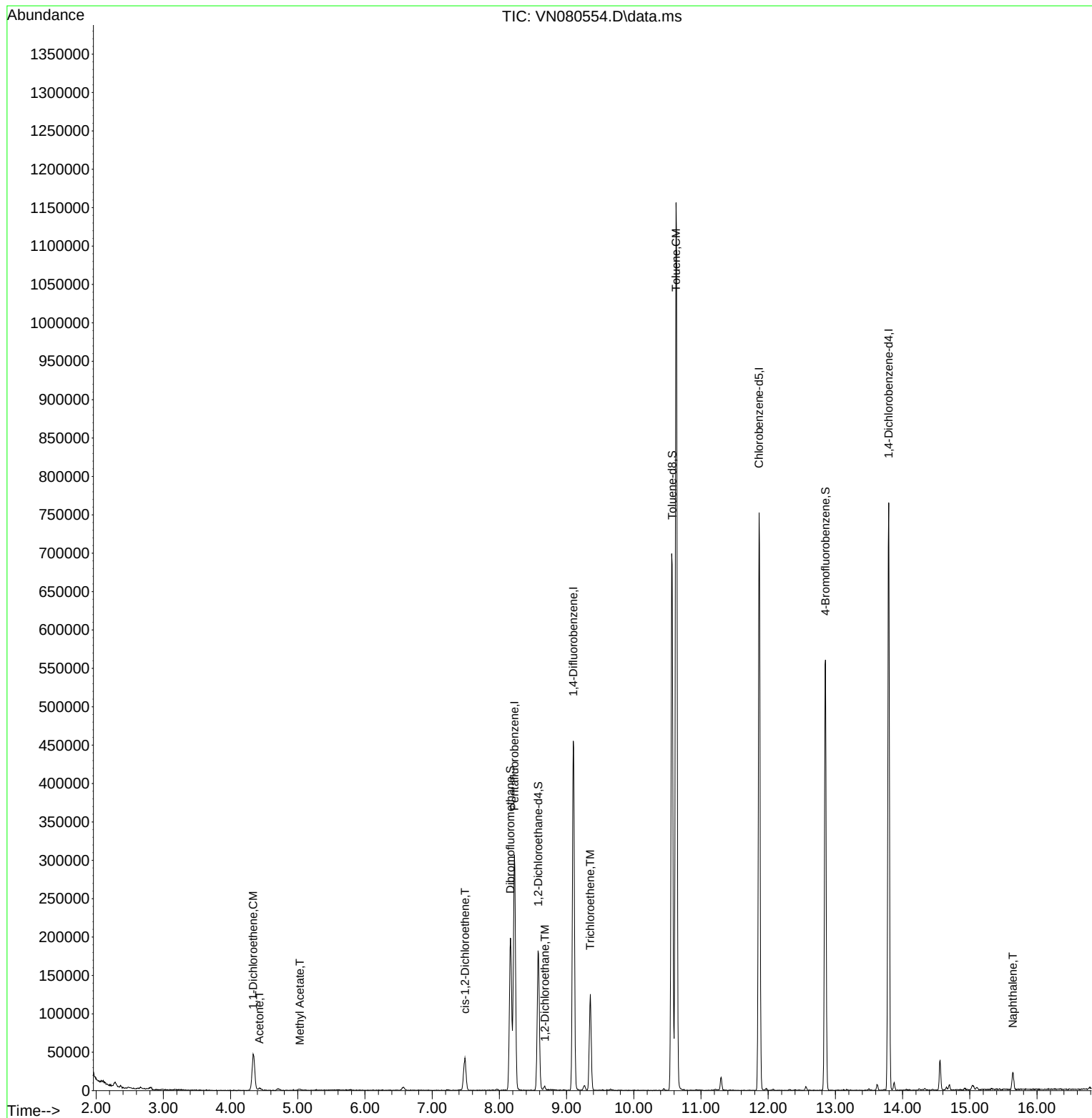
Internal Standards						
1) Pentafluorobenzene	8.224	168	217752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	434442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160364	57.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.320%
35) Dibromofluoromethane	8.165	113	142359	55.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.360%
50) Toluene-d8	10.571	98	506828	53.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.853	95	199761	55.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.340%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.336	96	28661	12.244	ug/l	89
16) Acetone	4.430	43	5965	12.096	ug/l #	76
18) Methyl Acetate	5.030	43	2672	0.842	ug/l #	88
27) cis-1,2-Dichloroethene	7.488	96	26478	9.216	ug/l	94
42) 1,2-Dichloroethane	8.677	62	4589	1.027	ug/l	84
44) Trichloroethene	9.353	130	44187	13.579	ug/l	91
52) Toluene	10.629	92	531814	69.740	ug/l	98
95) Naphthalene	15.641	128	20817	1.824	ug/l	98

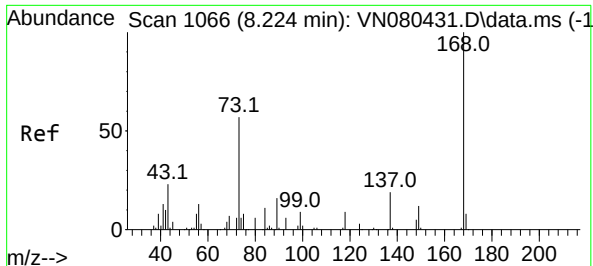
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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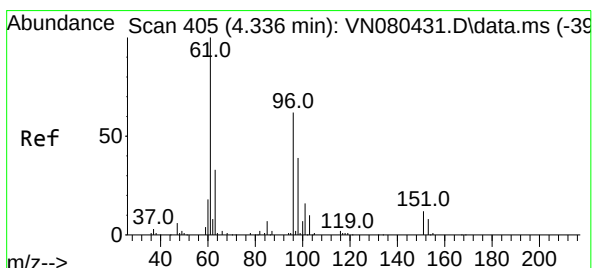
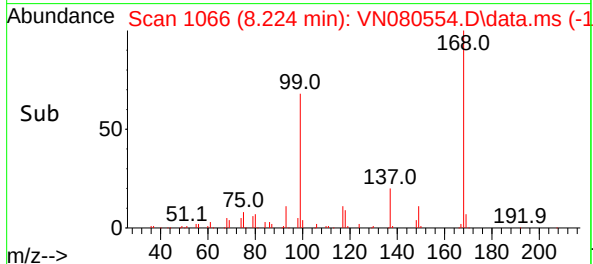
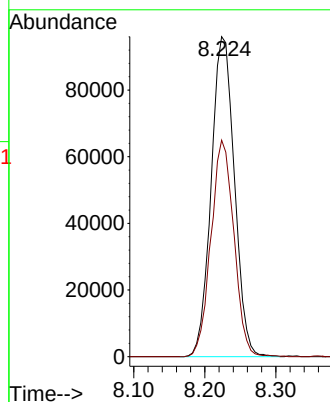
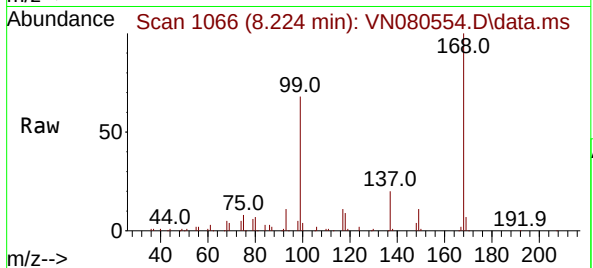




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

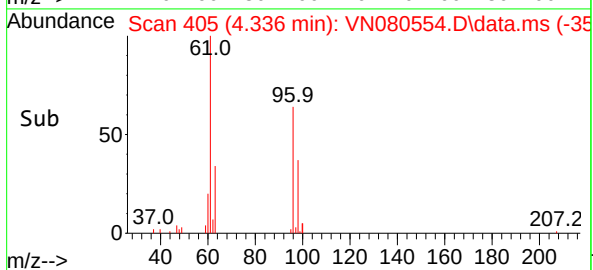
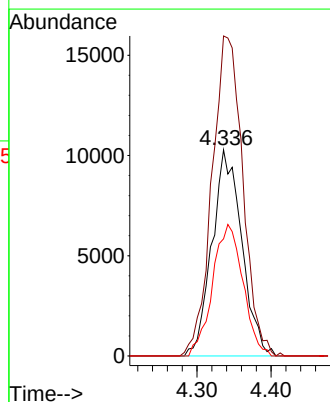
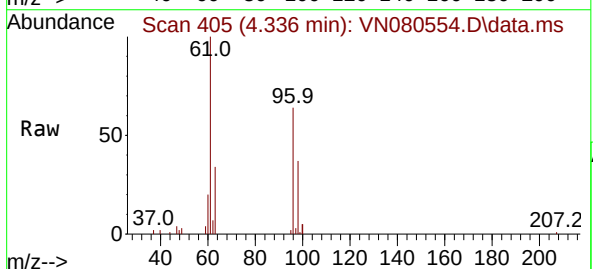
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

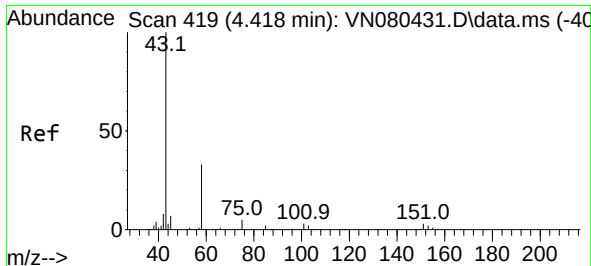
Tgt Ion:168 Resp: 217752
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#12
1,1-Dichloroethene
Concen: 12.244 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

Tgt Ion: 96 Resp: 28661
Ion Ratio Lower Upper
96 100
61 155.2 112.7 169.1
98 56.9 51.2 76.8

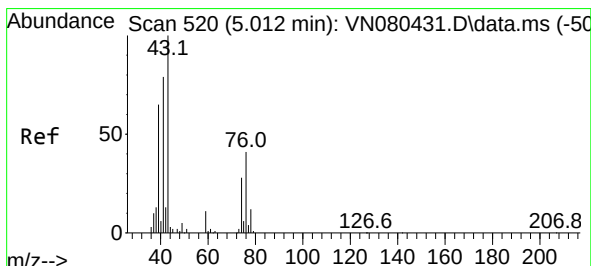
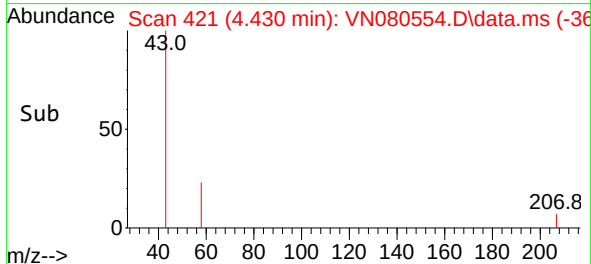
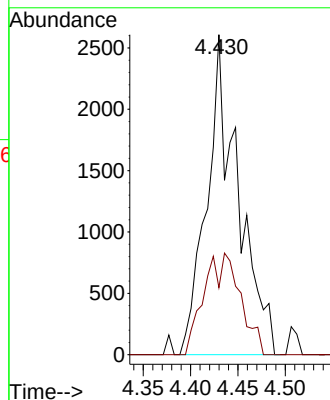
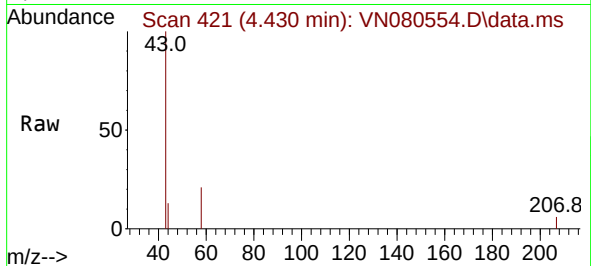




#16
Acetone
Concen: 12.096 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

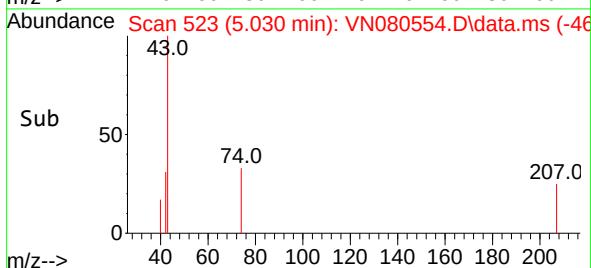
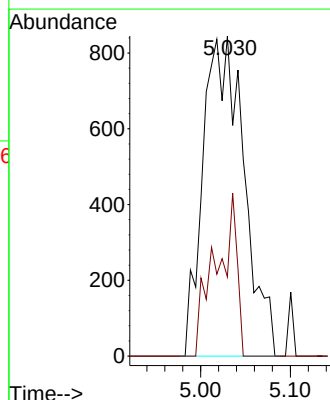
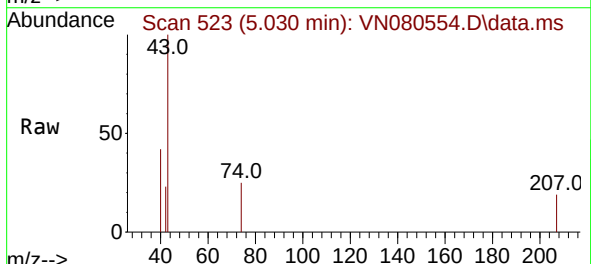
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

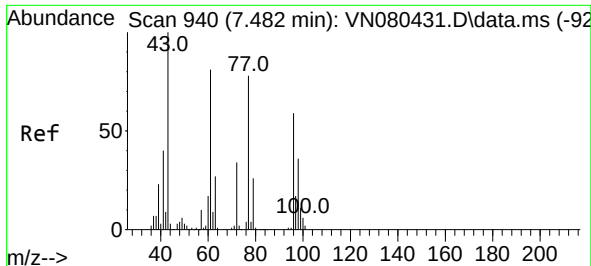
Tgt Ion: 43 Resp: 5965
Ion Ratio Lower Upper
43 100
58 20.9 28.0 42.0#



#18
Methyl Acetate
Concen: 0.842 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#



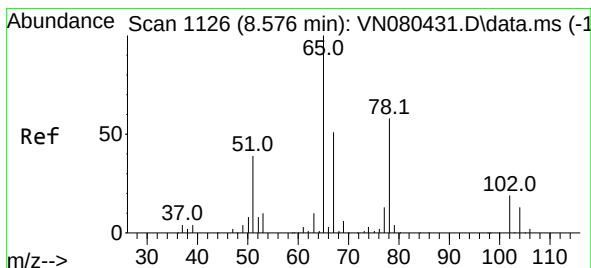
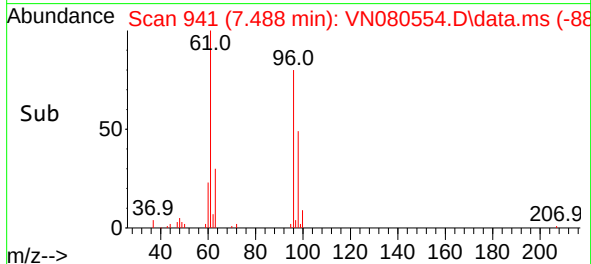
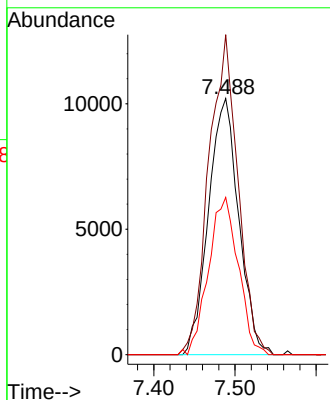
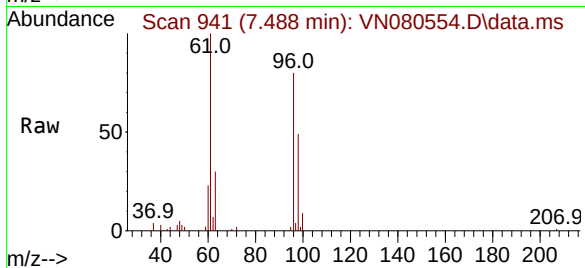


#27
 cis-1,2-Dichloroethene
 Concen: 9.216 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080554.D
 Acq: 20 Dec 2023 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923

Tgt Ion: 96 Resp: 26478

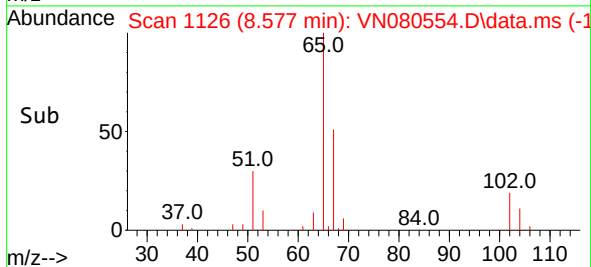
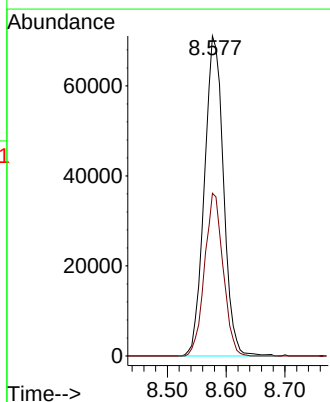
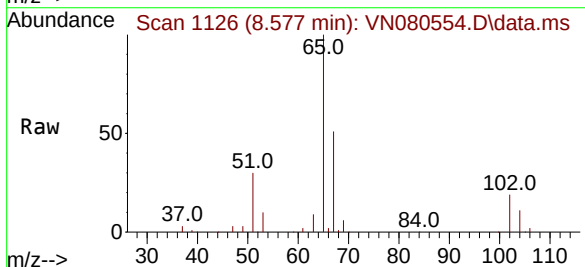
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	255.2
98	60.4	0.0	128.8

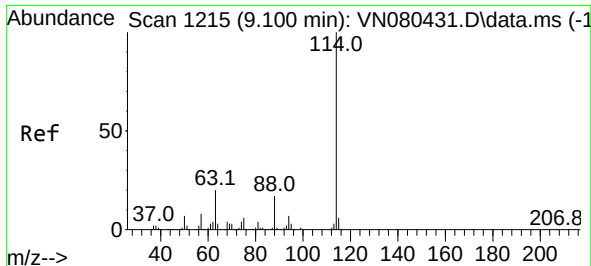


#33
 1,2-Dichloroethane-d4
 Concen: 57.660 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080554.D
 Acq: 20 Dec 2023 18:05

Tgt Ion: 65 Resp: 160364

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	106.6

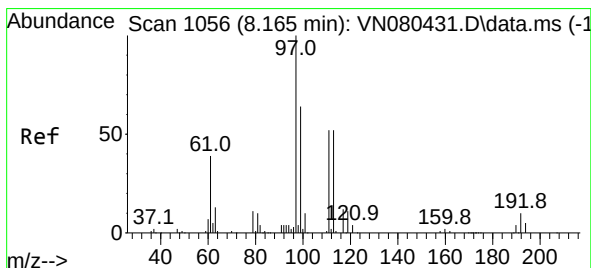
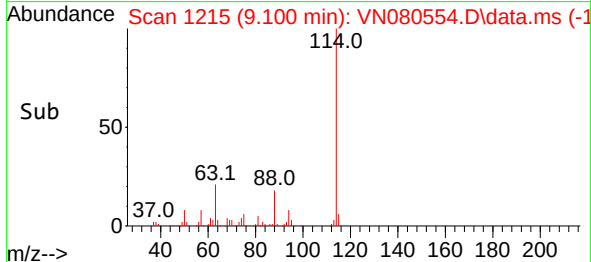
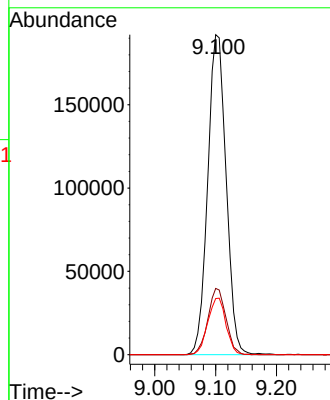
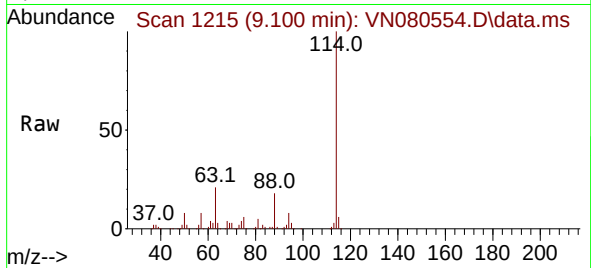




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

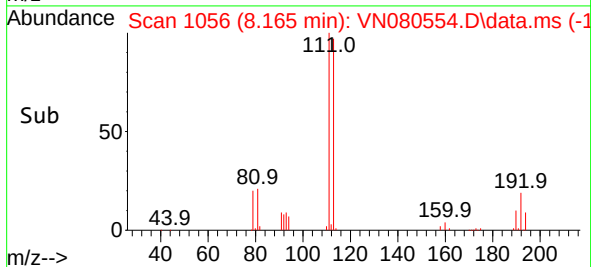
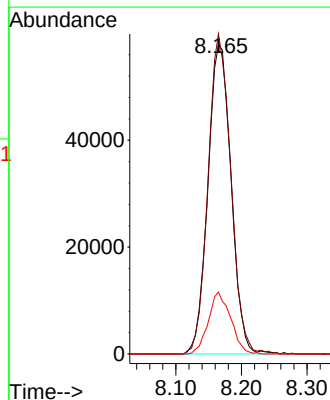
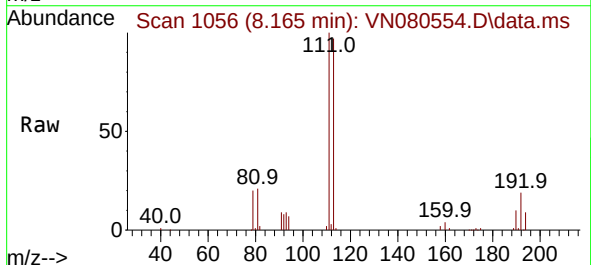
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

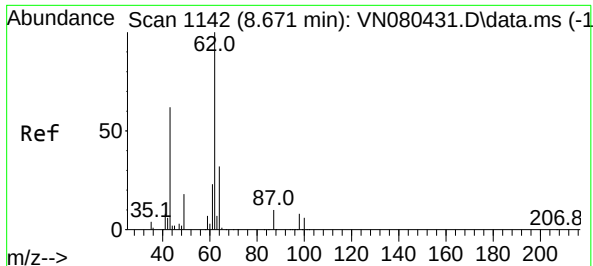
Tgt Ion:114 Resp: 403225
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 17.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.683 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

Tgt Ion:113 Resp: 142359
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.2 12.7 19.1#





#42

1,2-Dichloroethane

Concen: 1.027 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN080554.D

Acq: 20 Dec 2023 18:05

Instrument :

MSVOA_N

ClientSampleId :

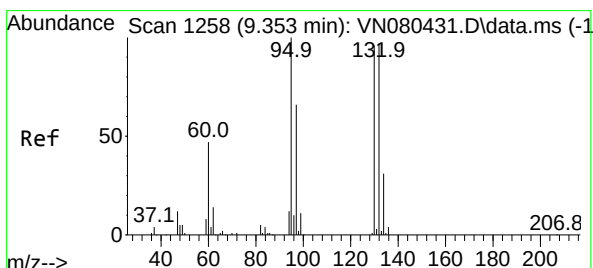
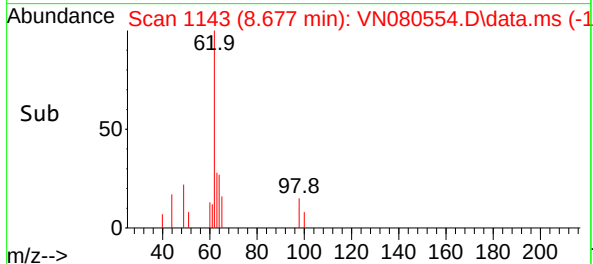
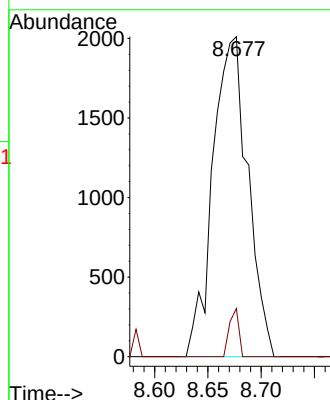
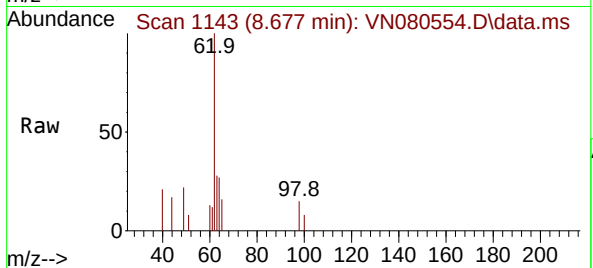
GWOW-BR-04A-320-340-121923

Tgt Ion: 62 Resp: 4589

Ion Ratio Lower Upper

62 100

98 4.0 0.0 19.8



#44

Trichloroethene

Concen: 13.579 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080554.D

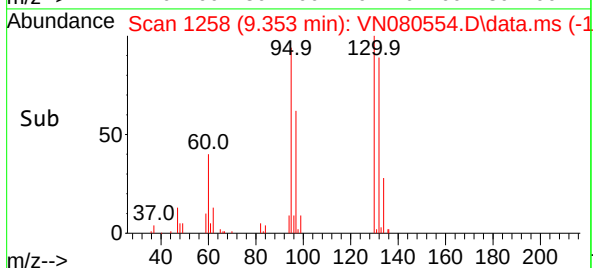
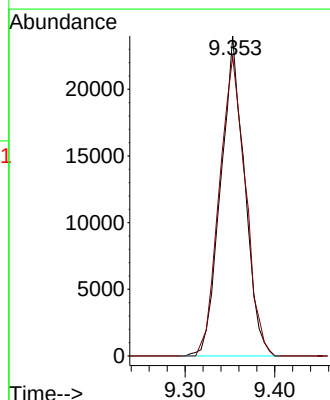
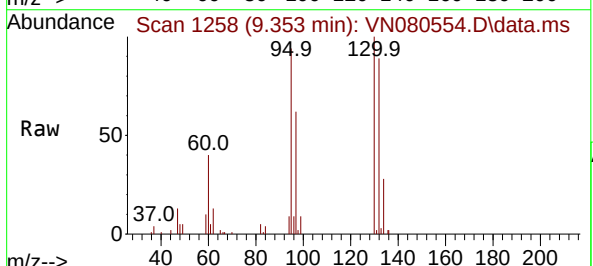
Acq: 20 Dec 2023 18:05

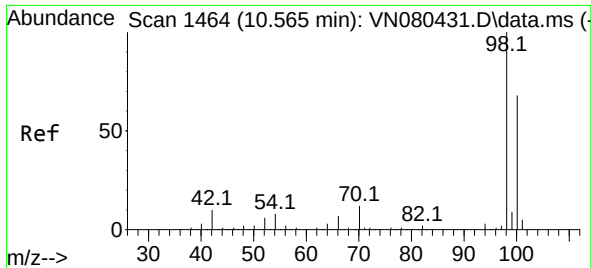
Tgt Ion:130 Resp: 44187

Ion Ratio Lower Upper

130 100

95 93.5 0.0 204.6

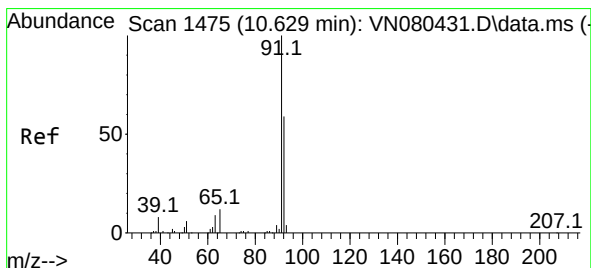
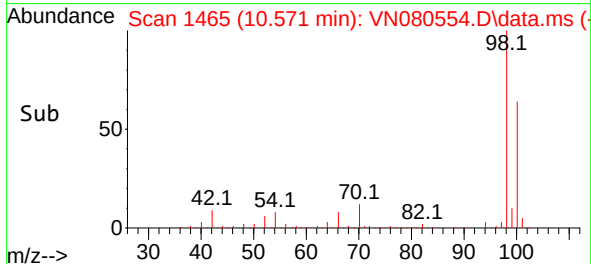
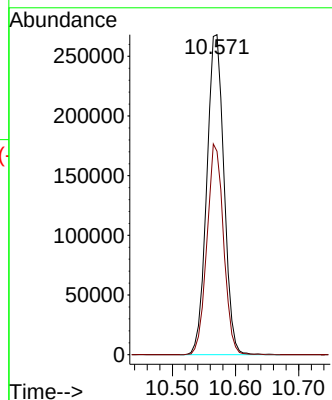
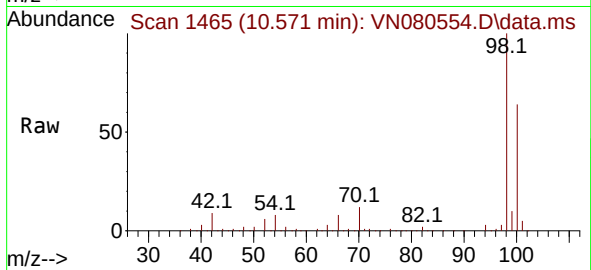




#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

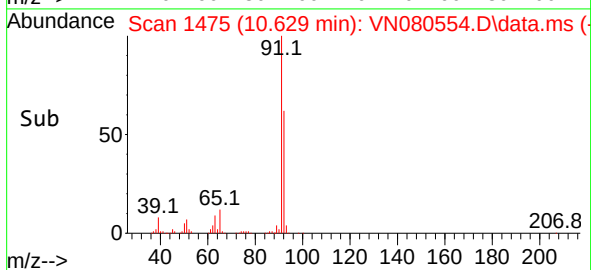
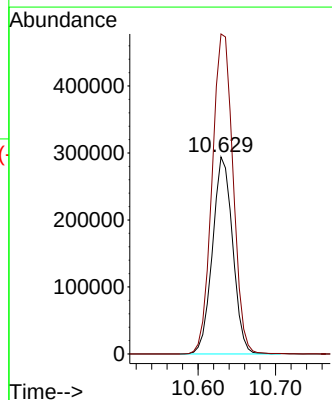
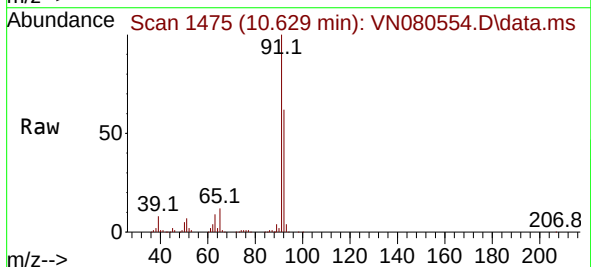
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GWOW-BR-04A-320-340-121923

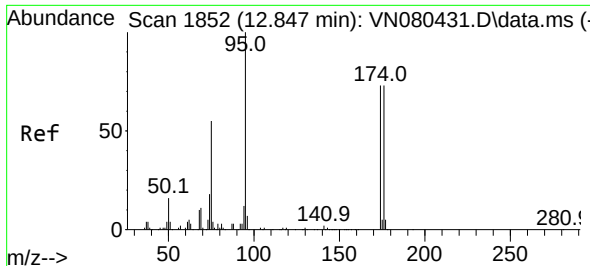
Tgt Ion: 98 Resp: 506828
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#52
Toluene
Concen: 69.740 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

Tgt Ion: 92 Resp: 531814
Ion Ratio Lower Upper
92 100
91 168.9 137.4 206.0

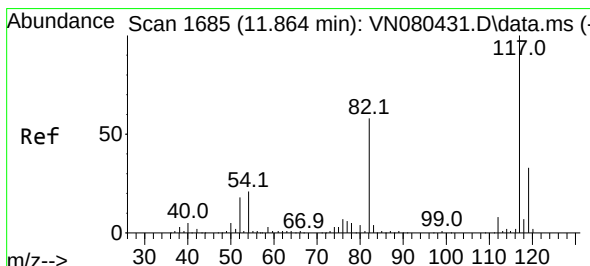
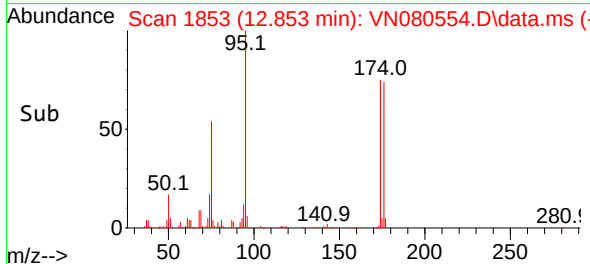
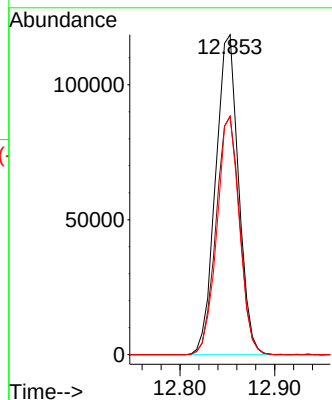
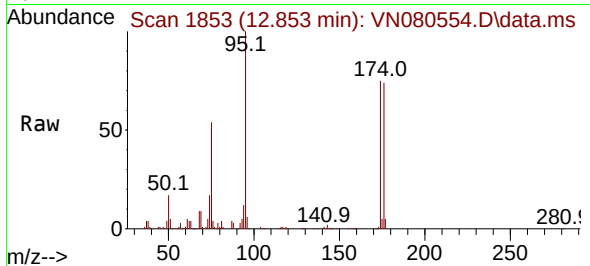




#62
4-Bromofluorobenzene
Concen: 55.173 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

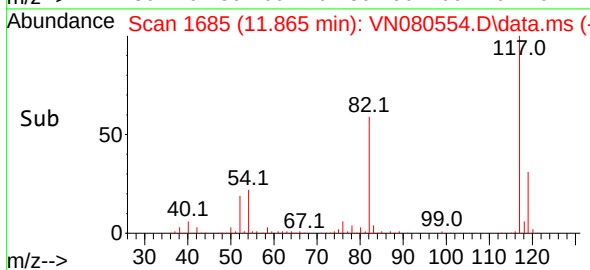
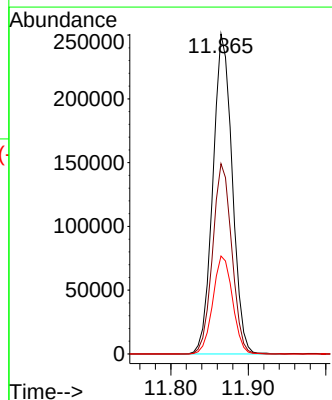
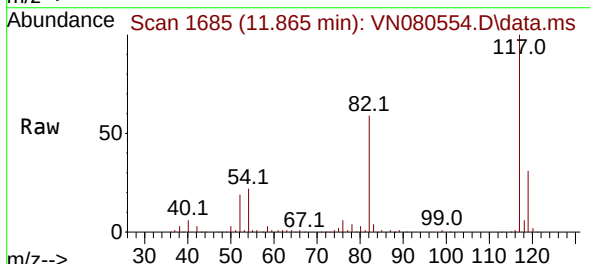
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

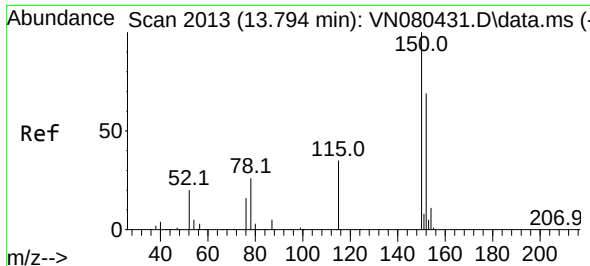
Tgt Ion:	95	Resp:	199761
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	143.8
176	73.1	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080554.D
Acq: 20 Dec 2023 18:05

Tgt Ion:	117	Resp:	434442
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.0	66.0
119	30.6	25.6	38.4

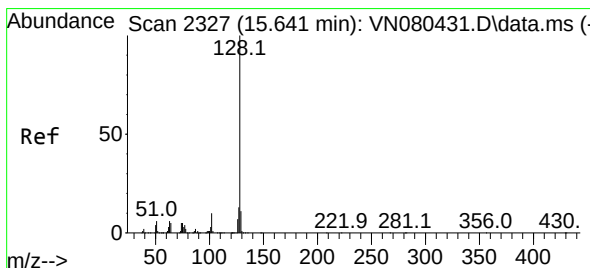
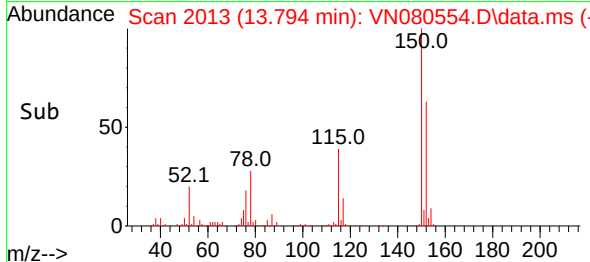
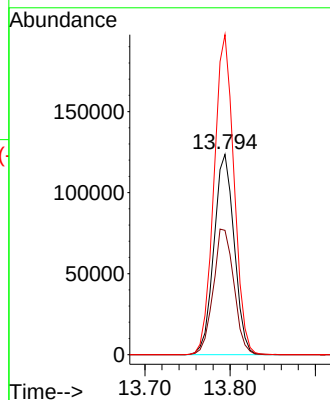
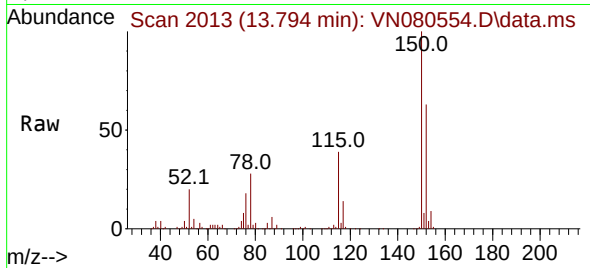




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080554.D
 Acq: 20 Dec 2023 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923

Tgt Ion:152 Resp: 204742
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 157.8 0.0 355.8



#95
 Naphthalene
 Concen: 1.824 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080554.D
 Acq: 20 Dec 2023 18:05

Tgt Ion:128 Resp: 20817
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.0 15.0
 129 11.7 8.7 13.1

