

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078230.D
 Acq On : 15 Jun 2023 15:56
 Operator : JC\MD
 Sample : 03259-02DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423DL

Quant Time: Jun 16 06:08:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

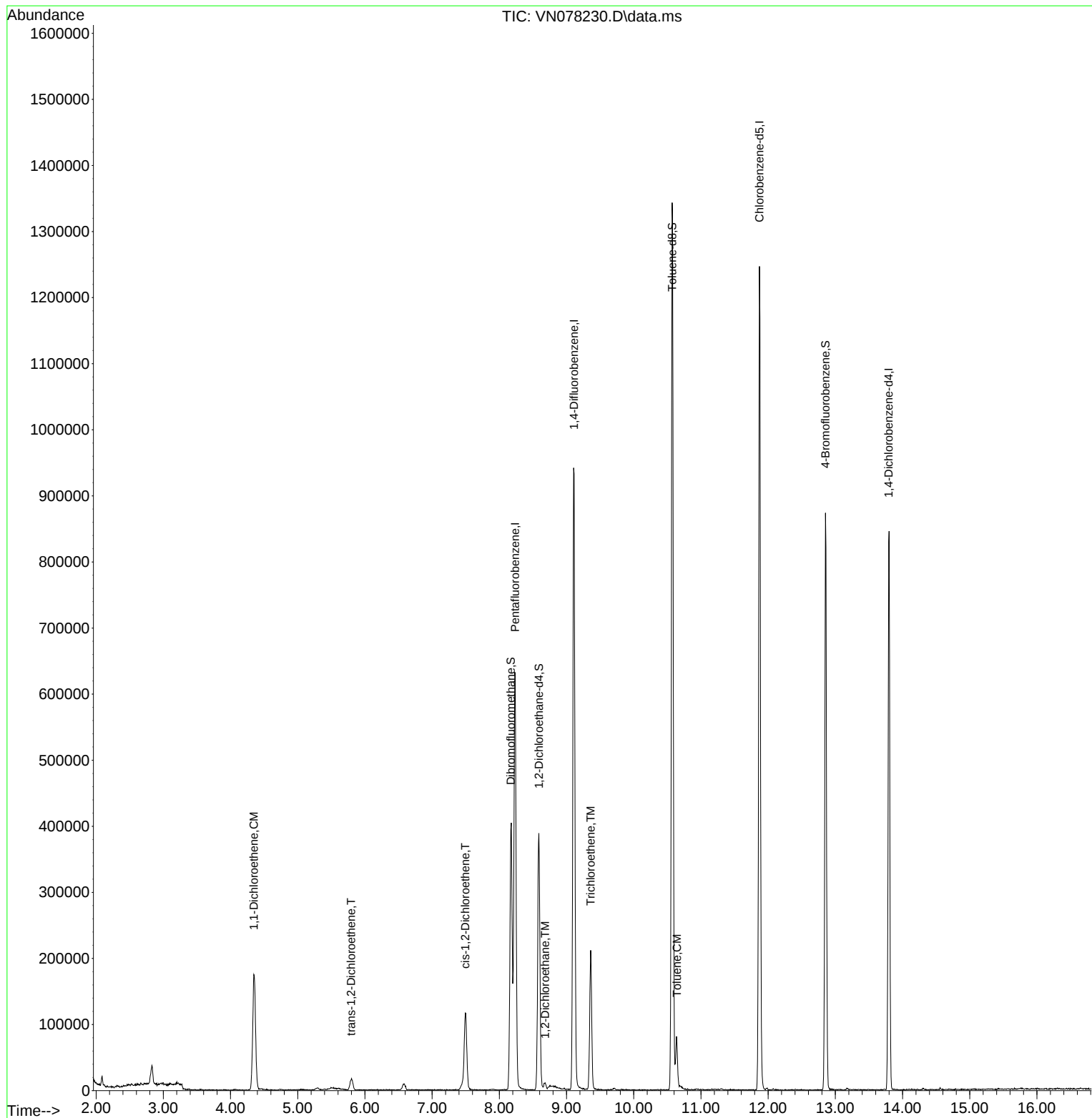
Internal Standards						
1) Pentafluorobenzene	8.236	168	457649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	840121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	739152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	325793	53.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.780%			
35) Dibromofluoromethane	8.171	113	287642	54.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	10.571	98	974635	47.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.180%			
62) 4-Bromofluorobenzene	12.853	95	301550	47.368	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.740%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.348	96	107173	21.445	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	10614	1.969	ug/l #	79
27) cis-1,2-Dichloroethene	7.494	96	72476	11.272	ug/l	97
42) 1,2-Dichloroethane	8.683	62	8699	1.115	ug/l	93
44) Trichloroethene	9.359	130	74770	12.447	ug/l	98
52) Toluene	10.641	92	30820	2.146	ug/l	98

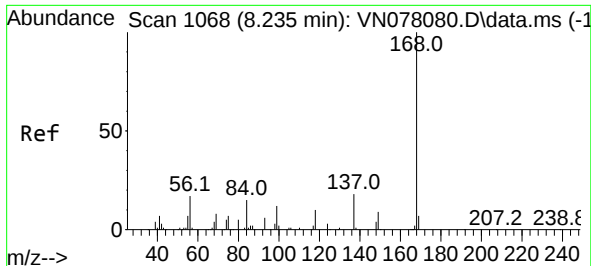
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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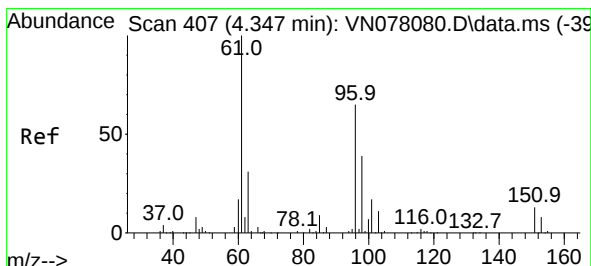
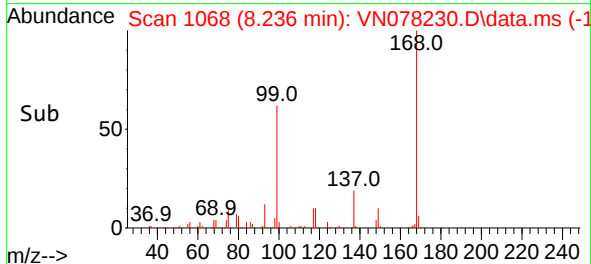
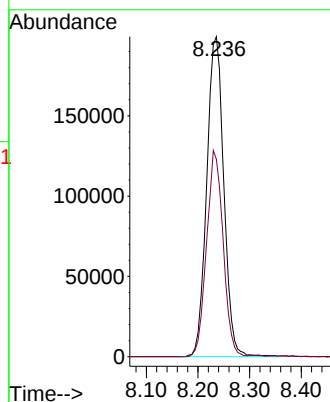
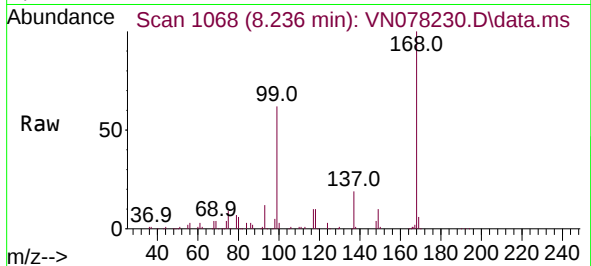




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

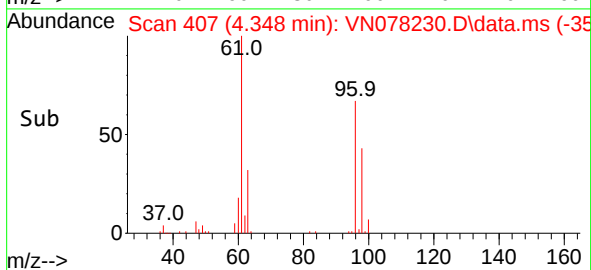
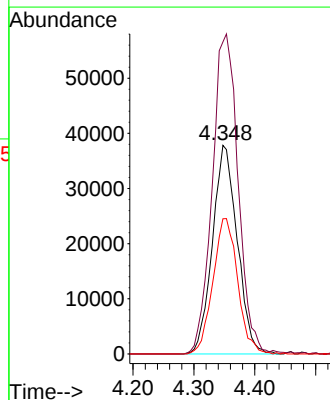
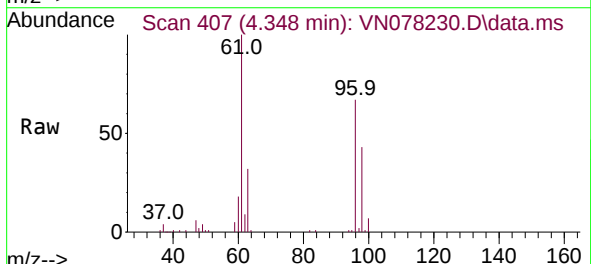
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423DL

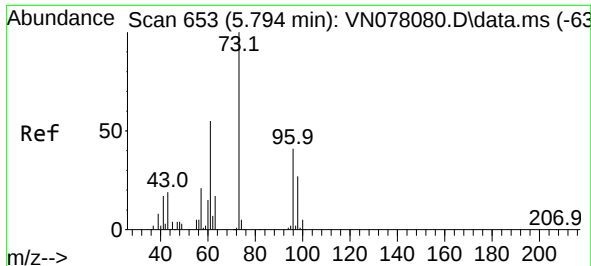
Tgt Ion:168 Resp: 457649
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#12
1,1-Dichloroethene
Concen: 21.445 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion: 96 Resp: 107173
Ion Ratio Lower Upper
96 100
61 149.5 112.7 169.1
98 64.8 51.2 76.8

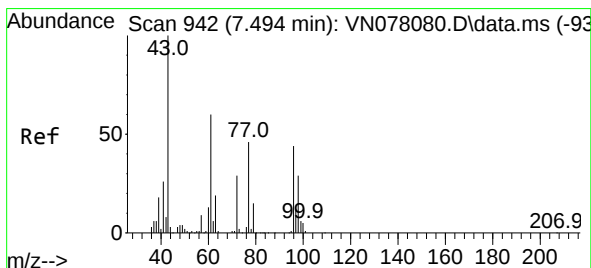
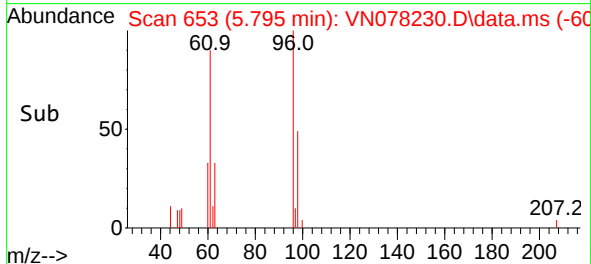
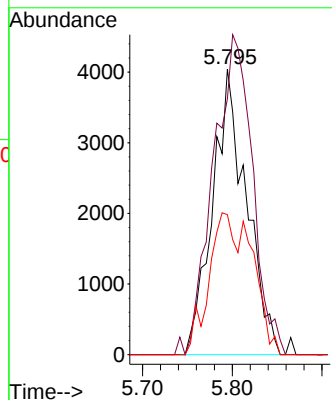
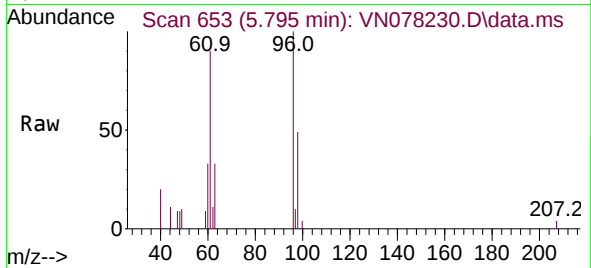




#21
trans-1,2-Dichloroethene
Concen: 1.969 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

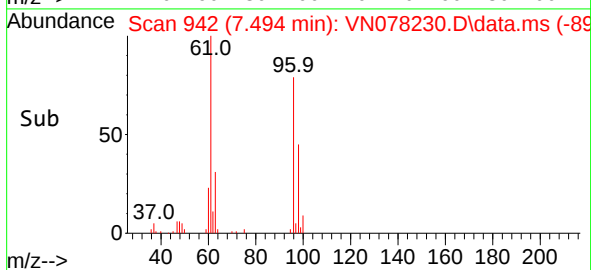
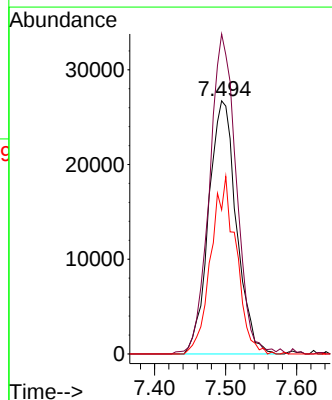
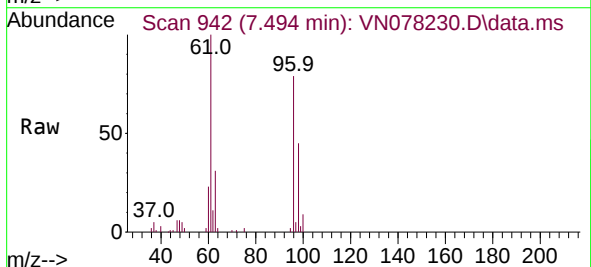
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423DL

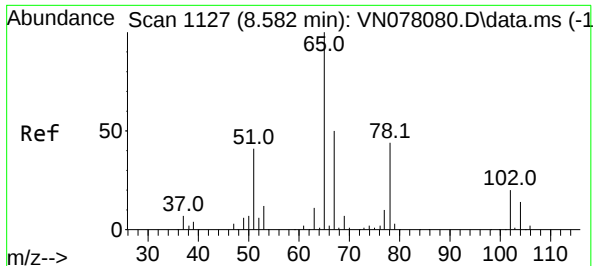
Tgt Ion: 96 Resp: 10614
Ion Ratio Lower Upper
96 100
61 84.4 90.1 135.1#
98 49.0 46.4 69.6



#27
cis-1,2-Dichloroethene
Concen: 11.272 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion: 96 Resp: 72476
Ion Ratio Lower Upper
96 100
61 122.3 0.0 255.2
98 63.9 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.392 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078230.D

Acq: 15 Jun 2023 15:56

Instrument :

MSVOA_N

ClientSampleId :

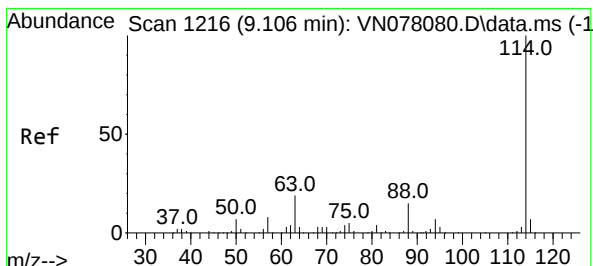
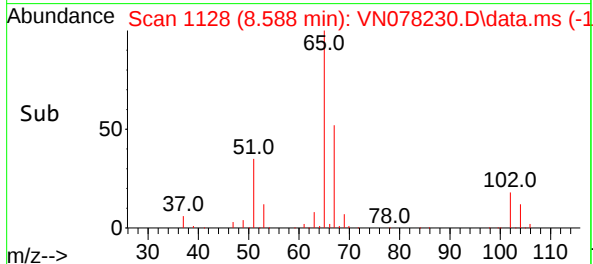
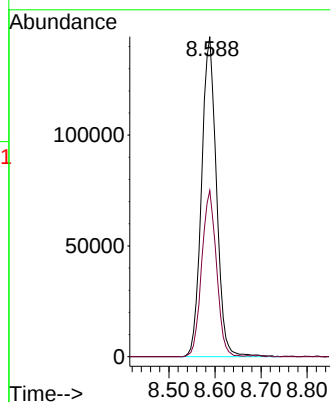
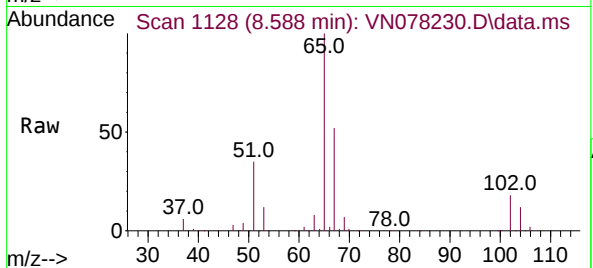
GWOW-BR-05-129-149-061423DL

Tgt Ion: 65 Resp: 325793

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078230.D

Acq: 15 Jun 2023 15:56

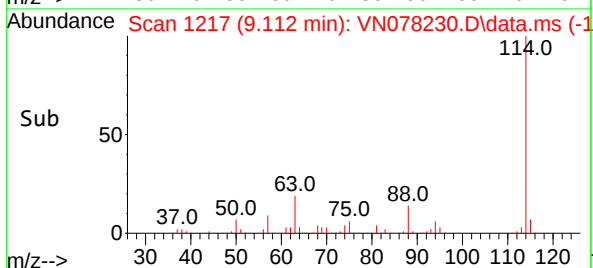
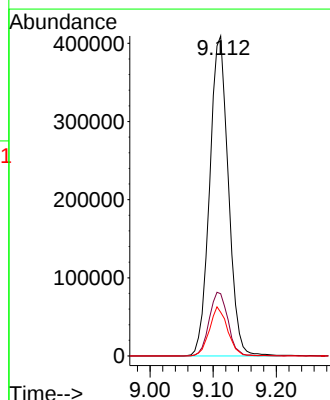
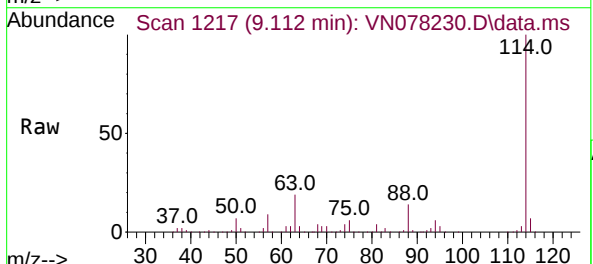
Tgt Ion: 114 Resp: 840121

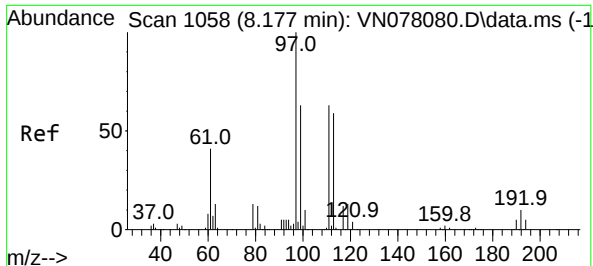
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 13.7 0.0 30.6

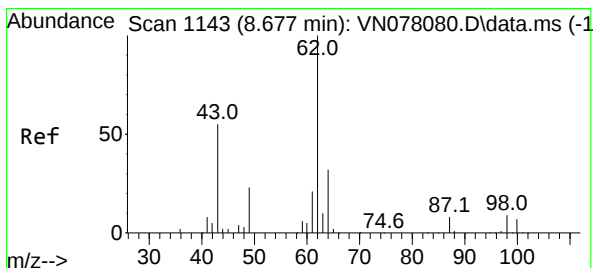
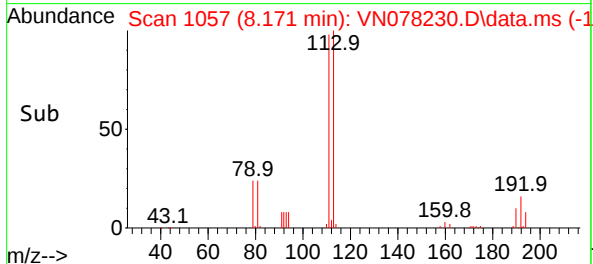
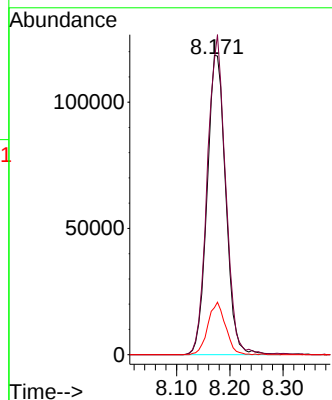
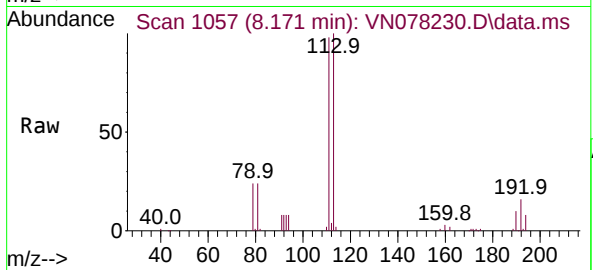




#35
Dibromofluoromethane
Concen: 54.150 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

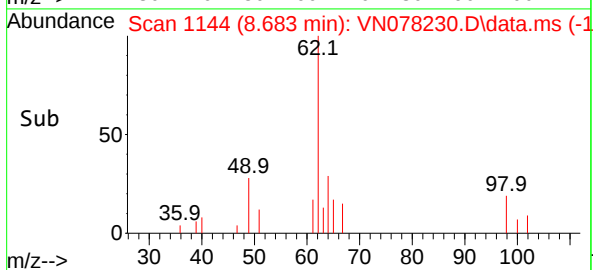
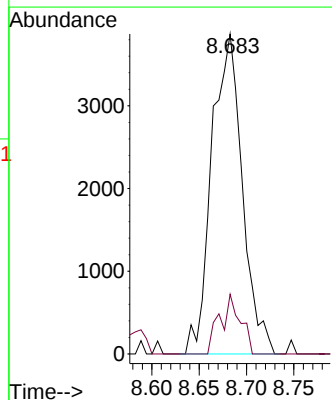
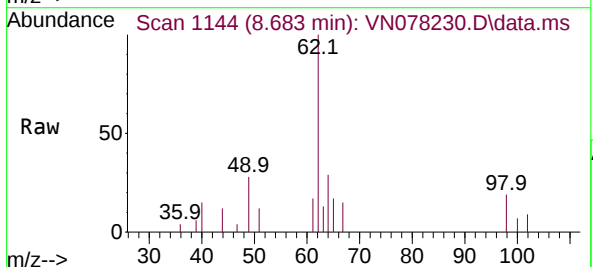
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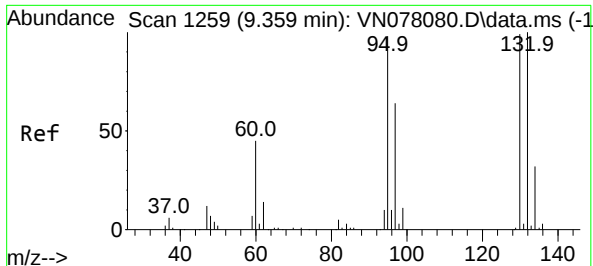
Tgt Ion:113 Resp: 287642
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 16.6 12.7 19.1



#42
1,2-Dichloroethane
Concen: 1.115 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion: 62 Resp: 8699
Ion Ratio Lower Upper
62 100
98 12.5 0.0 19.8

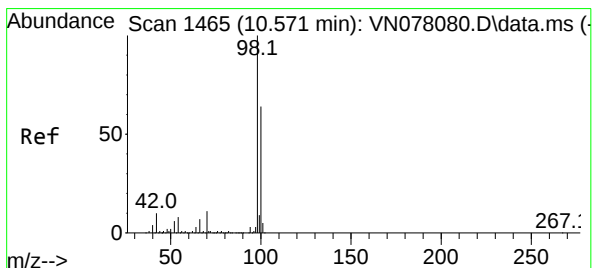
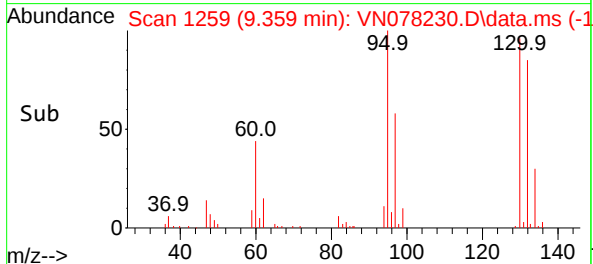
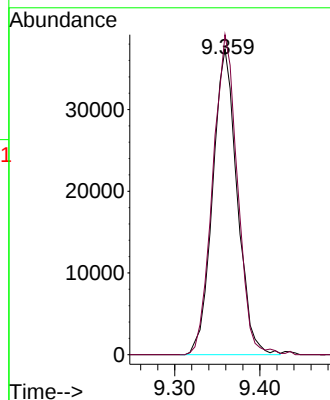
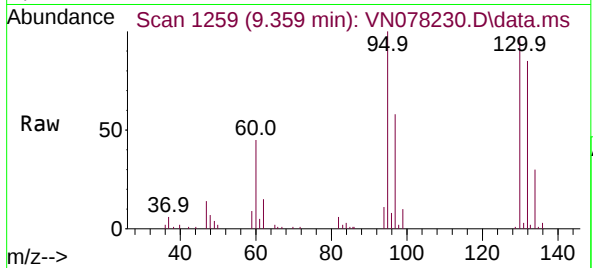




#44
Trichloroethene
Concen: 12.447 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

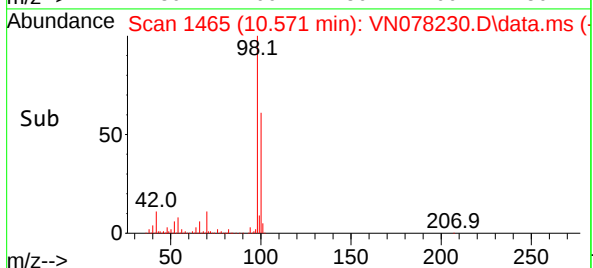
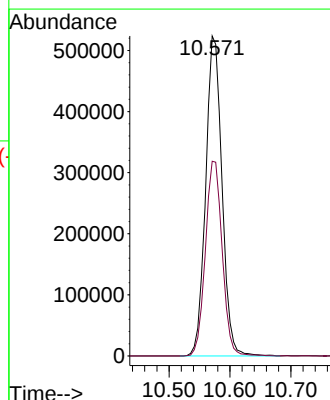
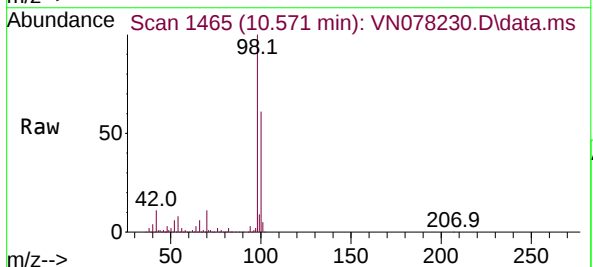
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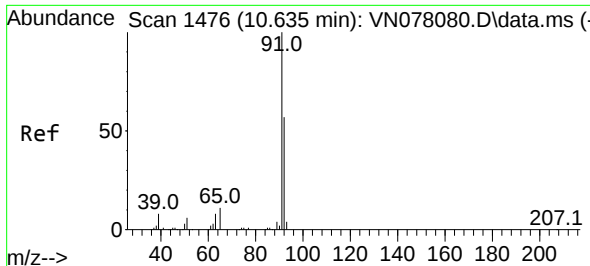
Tgt Ion:130 Resp: 74770
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6



#50
Toluene-d8
Concen: 47.594 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion: 98 Resp: 974635
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

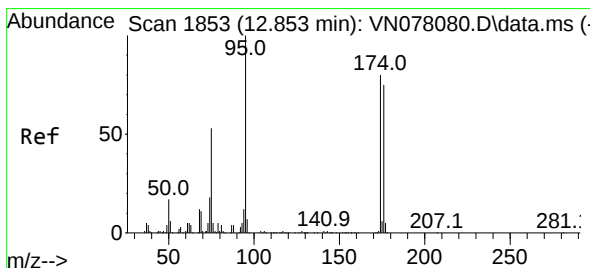
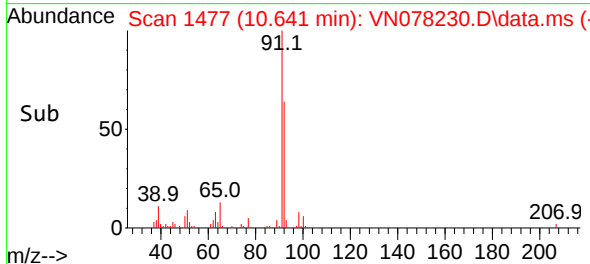
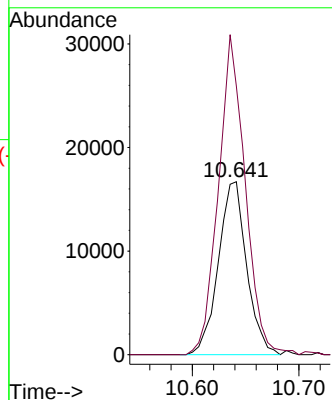
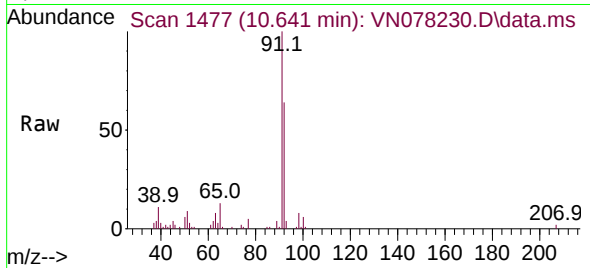




#52
Toluene
Concen: 2.146 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

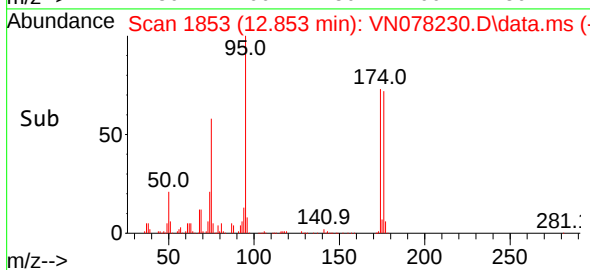
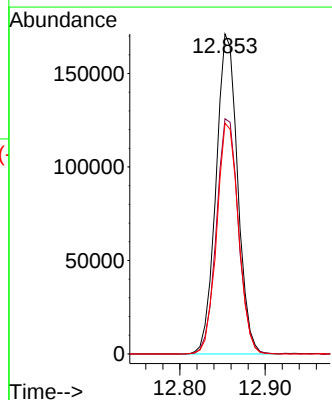
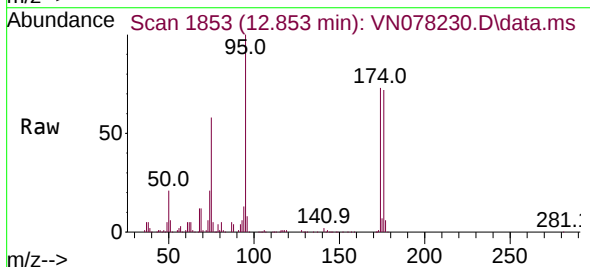
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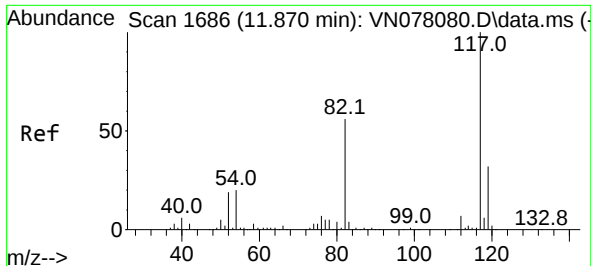
Tgt Ion: 92 Resp: 30820
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion: 95 Resp: 301550
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.4 0.0 135.8

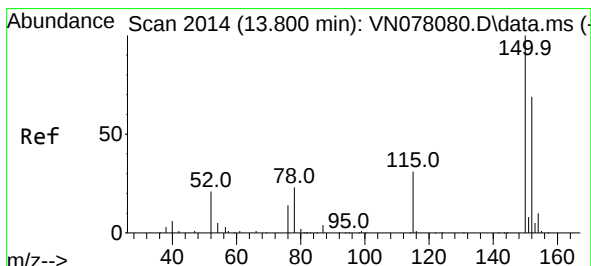
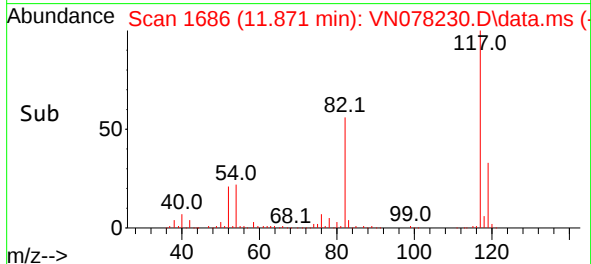
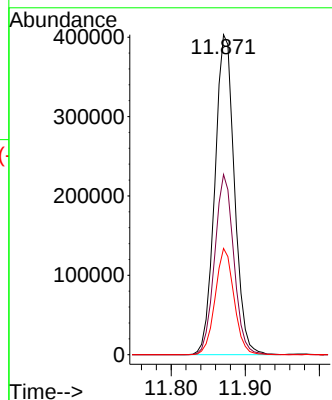
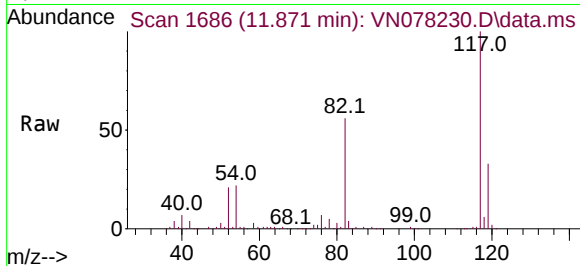




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423DL

Tgt Ion:117 Resp: 739152
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 33.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078230.D
Acq: 15 Jun 2023 15:56

Tgt Ion:152 Resp: 224455
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 157.2 0.0 355.8

