

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078420.D
 Acq On : 27 Jun 2023 16:41
 Operator : JC\MD
 Sample : 03376-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: Jun 28 07:12:10 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)

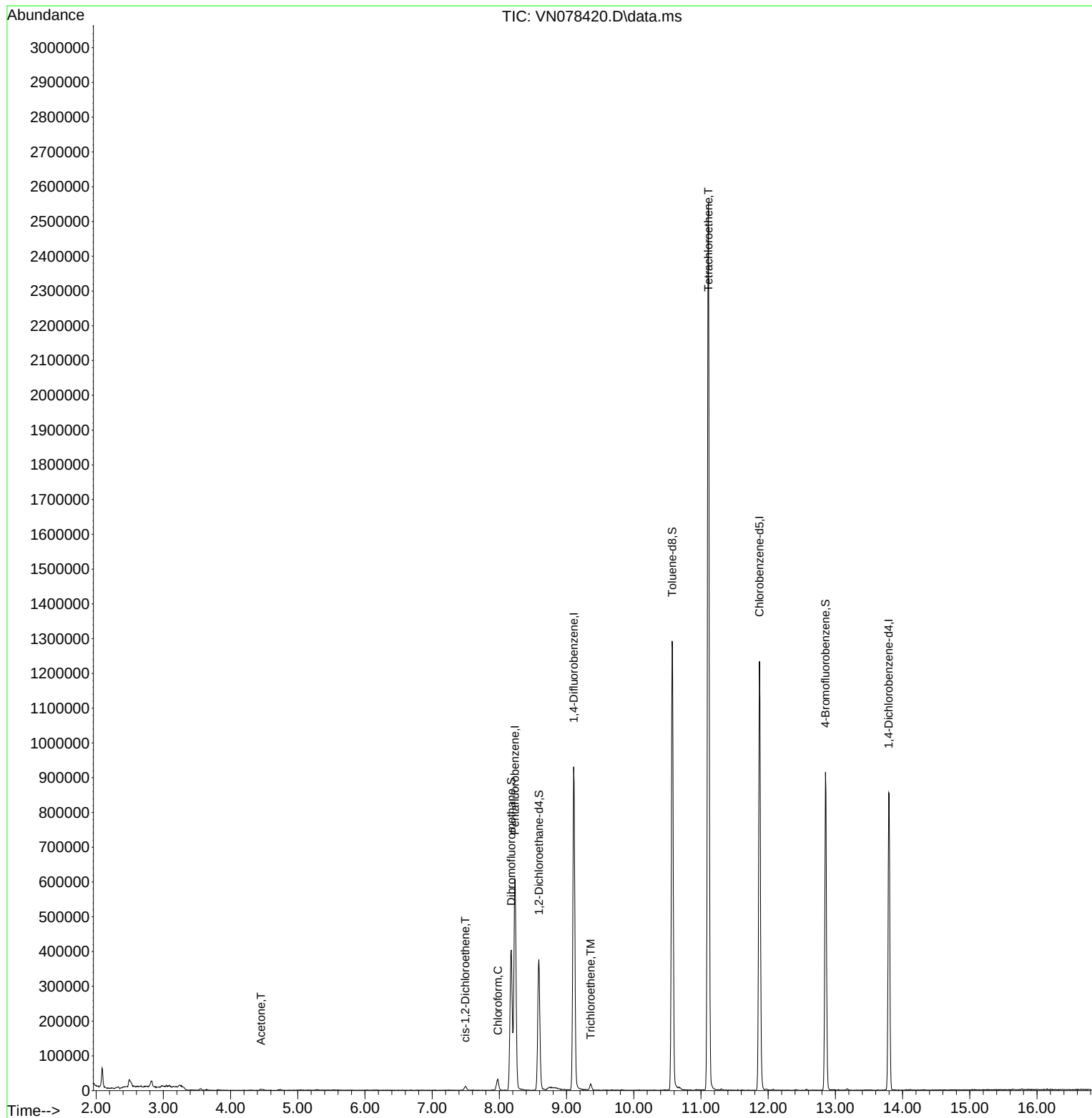
Internal Standards						
1) Pentafluorobenzene	8.230	168	450742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	827288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	756296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306665	51.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.177	113	296176	56.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.240%	
50) Toluene-d8	10.571	98	951782	47.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.853	95	321997	51.364	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	6630	3.833	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	5841	0.922	ug/l	93
30) Chloroform	7.977	83	29126	2.901	ug/l	96
44) Trichloroethene	9.359	130	5964	1.008	ug/l	83
64) Tetrachloroethene	11.112	164	574212	113.807	ug/l	98

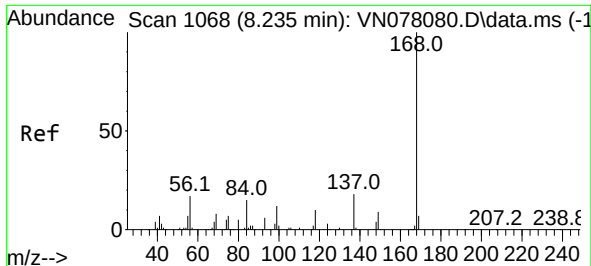
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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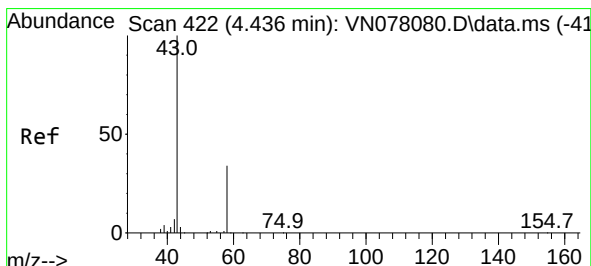
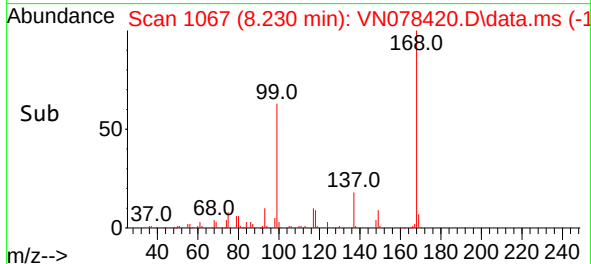
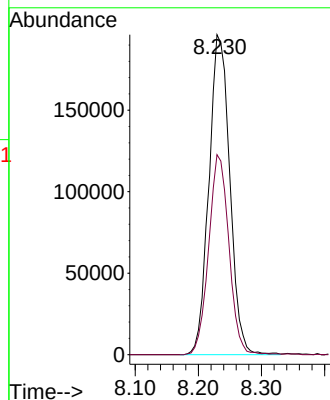
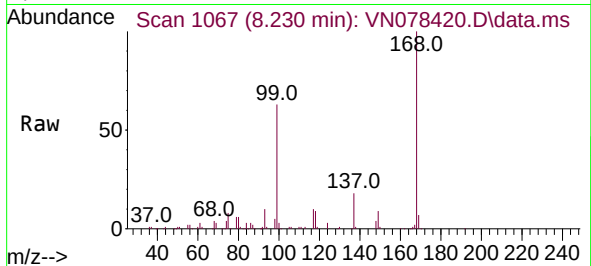




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

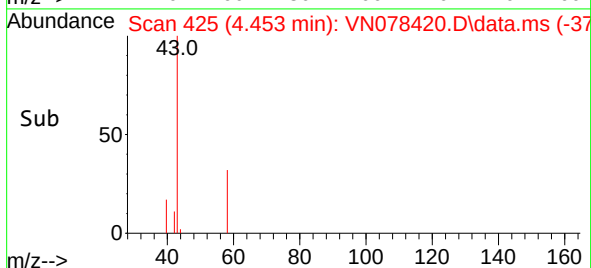
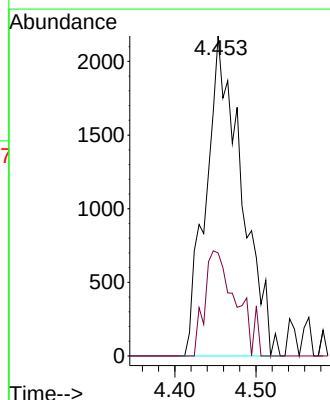
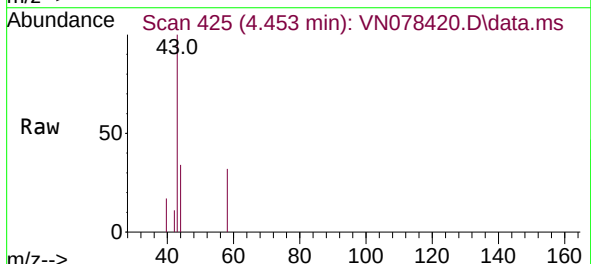
Instrument :
MSVOA_N
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DUP-01

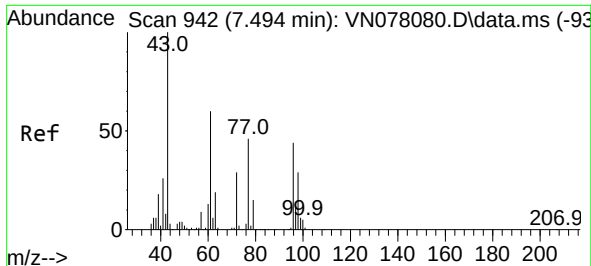
Tgt Ion:168 Resp: 450742
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 3.833 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0

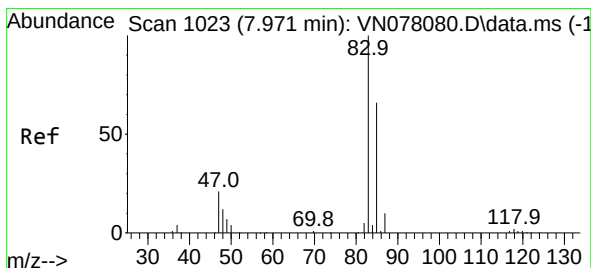
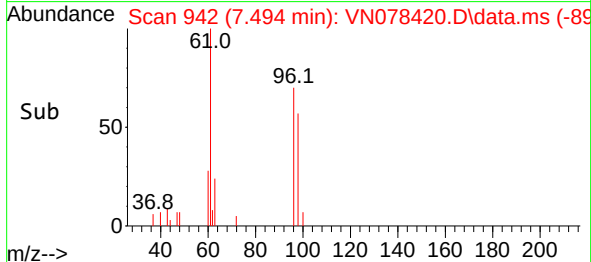
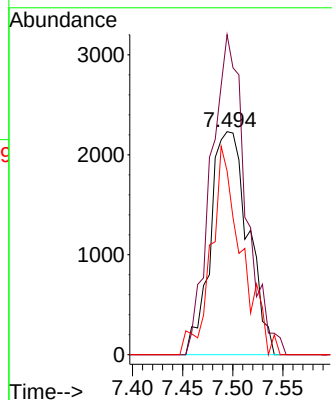
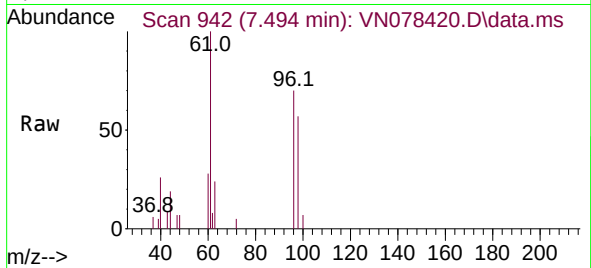




#27
 cis-1,2-Dichloroethene
 Concen: 0.922 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078420.D
 Acq: 27 Jun 2023 16:41

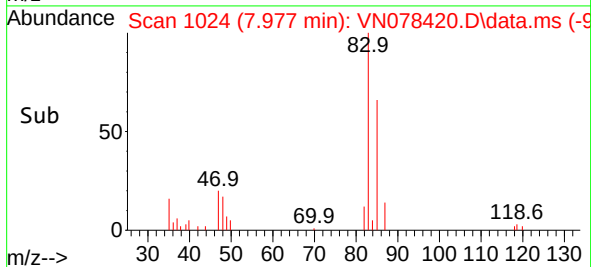
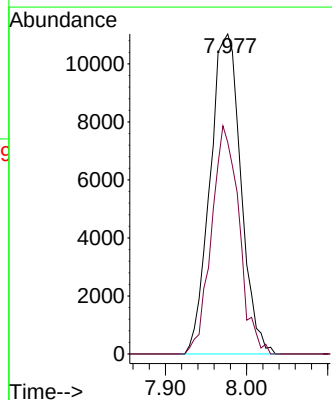
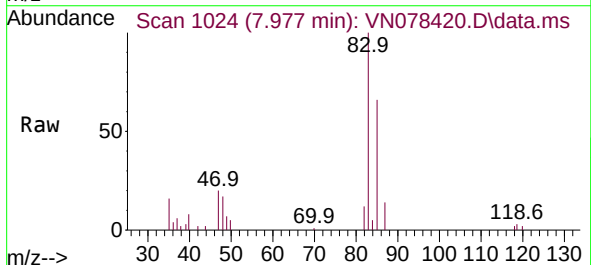
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

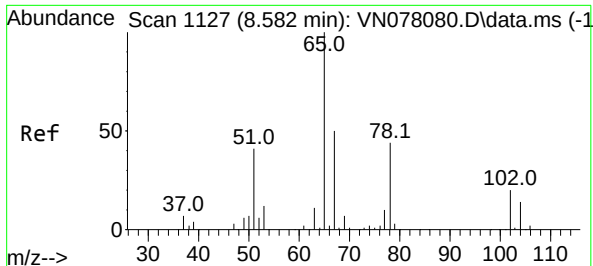
Tgt Ion: 96 Resp: 5841
 Ion Ratio Lower Upper
 96 100
 61 132.5 0.0 255.2
 98 75.0 0.0 128.8



#30
 Chloroform
 Concen: 2.901 ug/l
 RT: 7.977 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: VN078420.D
 Acq: 27 Jun 2023 16:41

Tgt Ion: 83 Resp: 29126
 Ion Ratio Lower Upper
 83 100
 85 66.2 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 51.028 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078420.D

Acq: 27 Jun 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

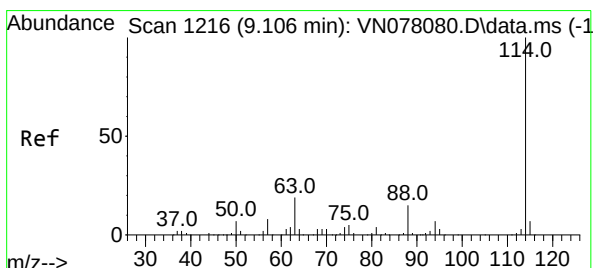
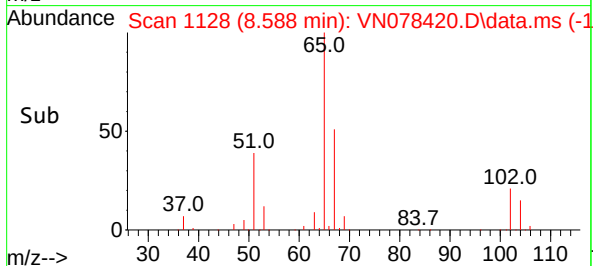
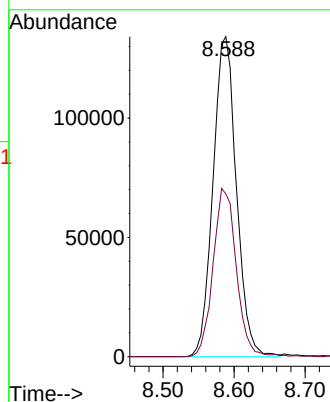
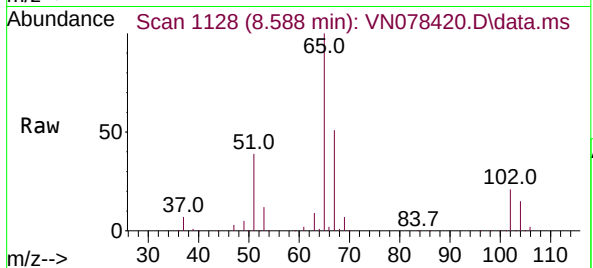
DUP-01

Tgt Ion: 65 Resp: 306665

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078420.D

Acq: 27 Jun 2023 16:41

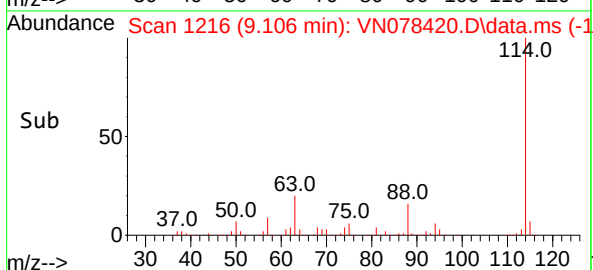
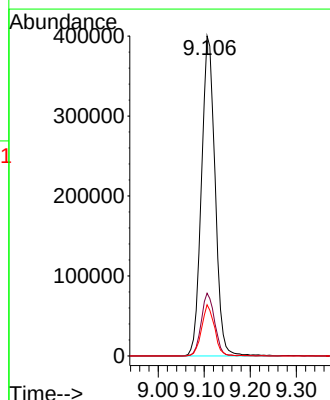
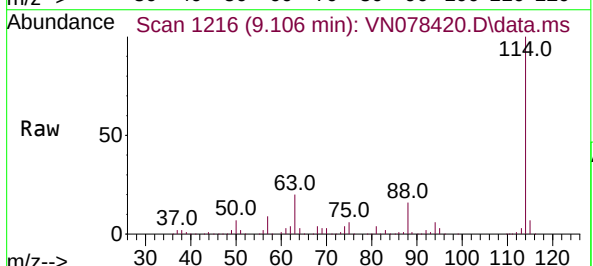
Tgt Ion: 114 Resp: 827288

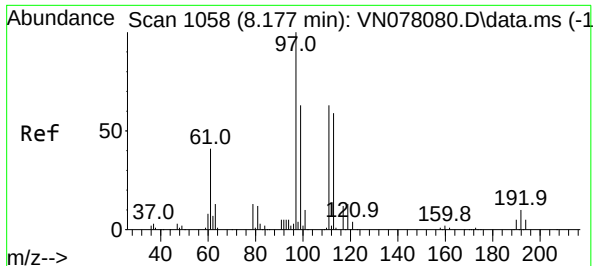
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.0 0.0 30.6

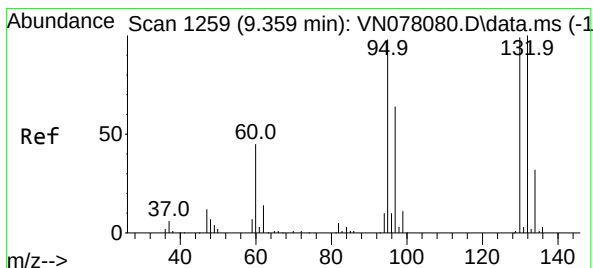
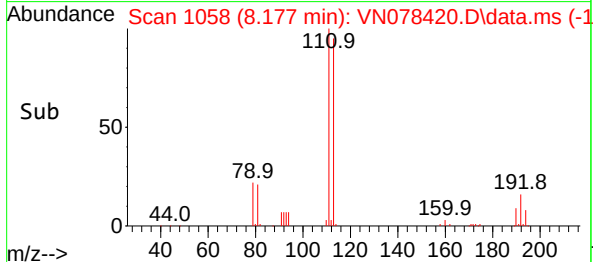
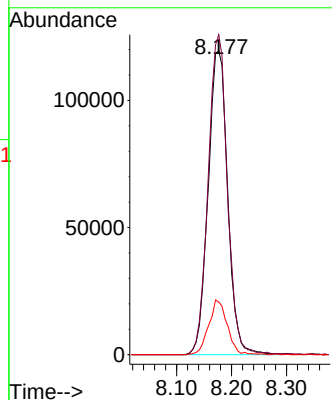
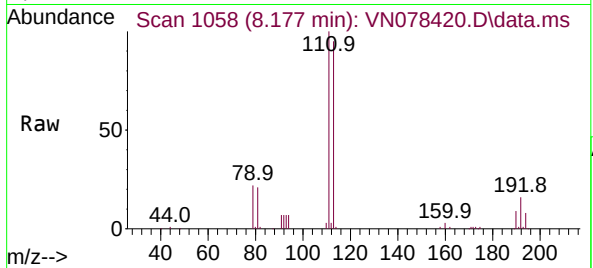




#35
 Dibromofluoromethane
 Concen: 56.621 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078420.D
 Acq: 27 Jun 2023 16:41

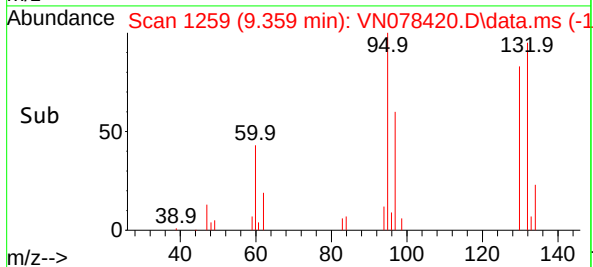
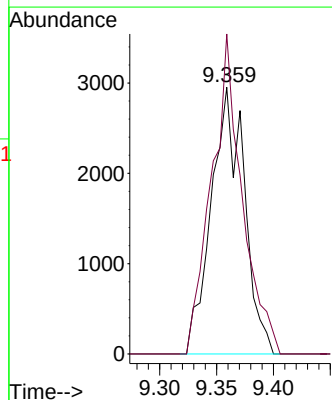
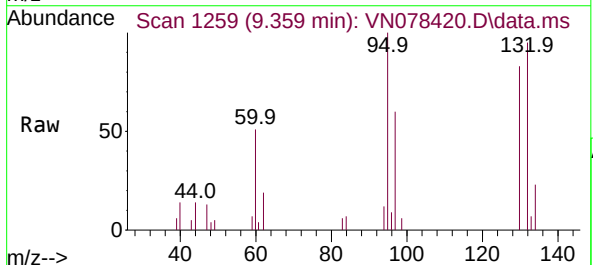
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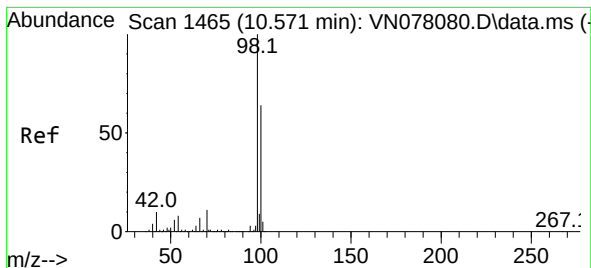
Tgt Ion:113 Resp: 296176
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 17.1 12.7 19.1



#44
 Trichloroethene
 Concen: 1.008 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: VN078420.D
 Acq: 27 Jun 2023 16:41

Tgt Ion:130 Resp: 5964
 Ion Ratio Lower Upper
 130 100
 95 119.9 0.0 204.6

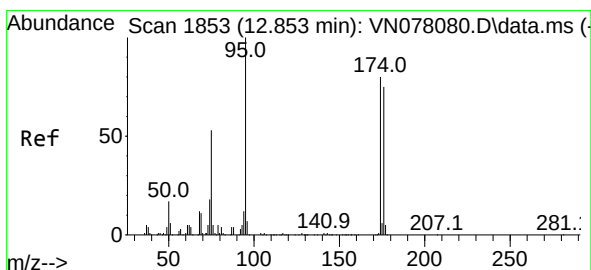
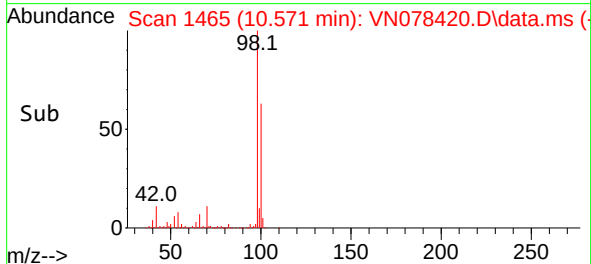
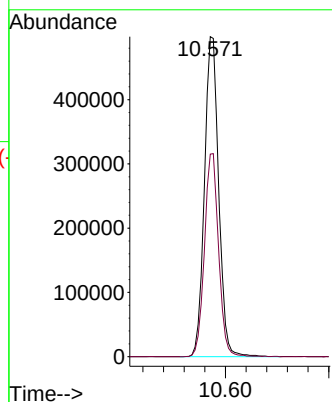
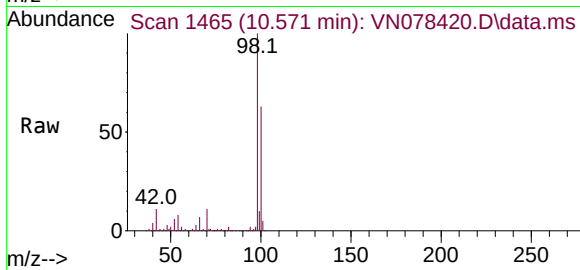




#50
Toluene-d8
Concen: 47.199 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

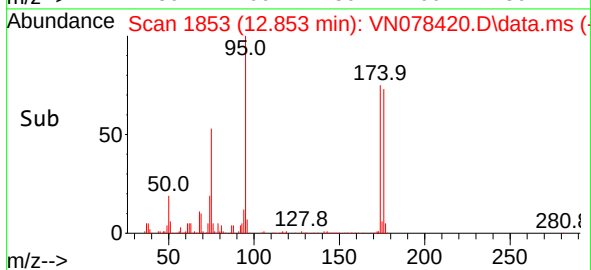
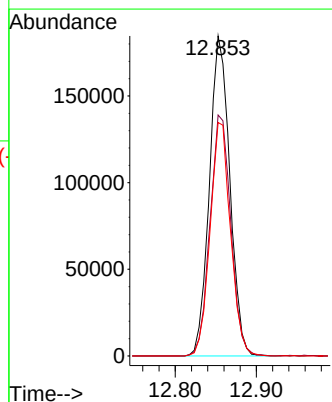
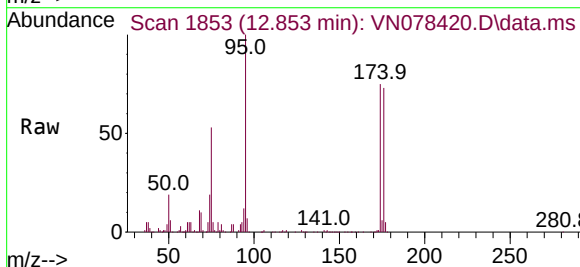
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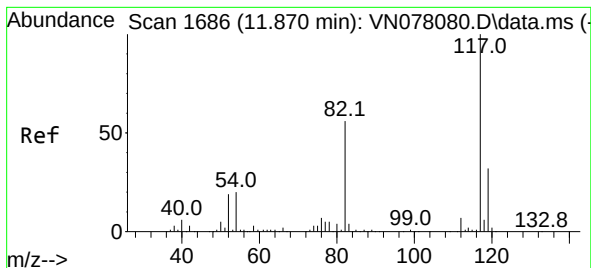
Tgt Ion: 98 Resp: 951782
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.364 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

Tgt Ion: 95 Resp: 321997
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 72.9 0.0 135.8

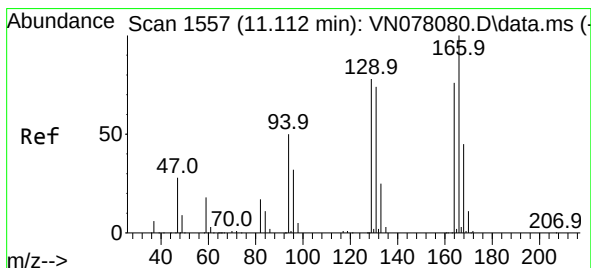
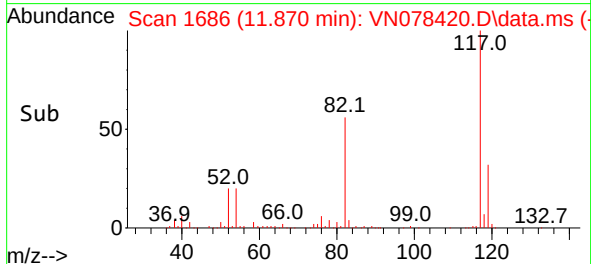
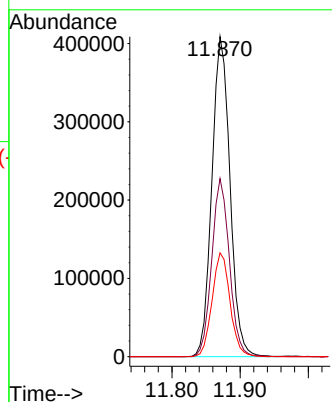
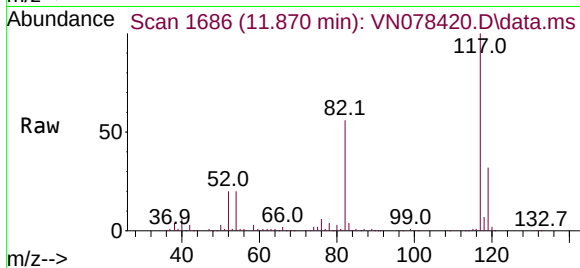




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

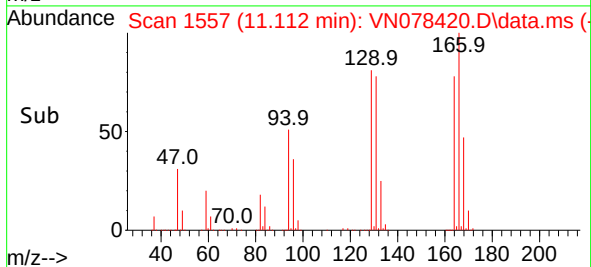
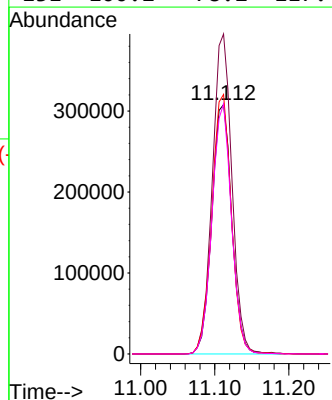
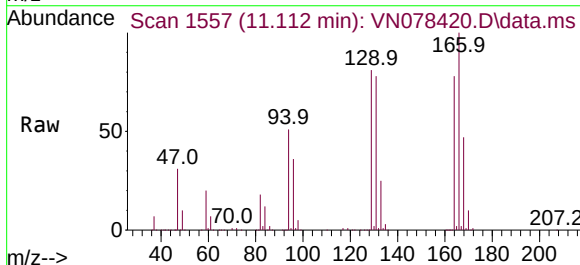
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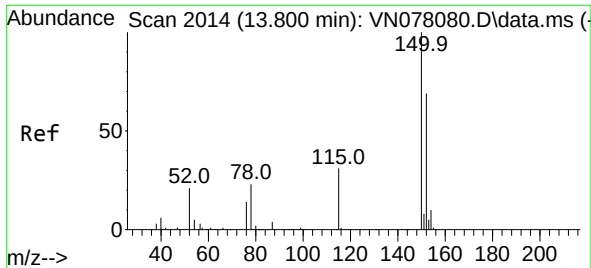
Tgt Ion:117 Resp: 756296
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 113.807 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078420.D
Acq: 27 Jun 2023 16:41

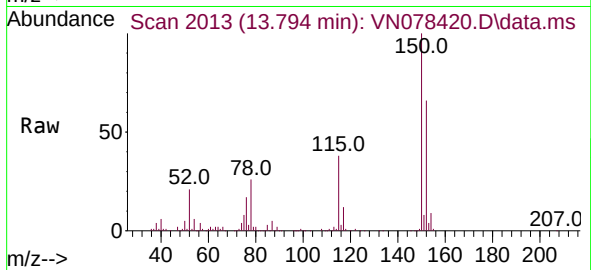
Tgt Ion:164 Resp: 574212
Ion Ratio Lower Upper
164 100
166 128.3 101.4 152.0
129 104.0 82.4 123.6
131 100.2 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078420.D
 Acq: 27 Jun 2023 16:41

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 245613
 Ion Ratio Lower Upper
 152 100
 115 60.7 32.3 96.8
 150 155.5 0.0 355.8

