

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075698.D
 Acq On : 10 Dec 2022 08:21
 Operator : JC\MD
 Sample : N5989-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31

Quant Time: Dec 12 04:57:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

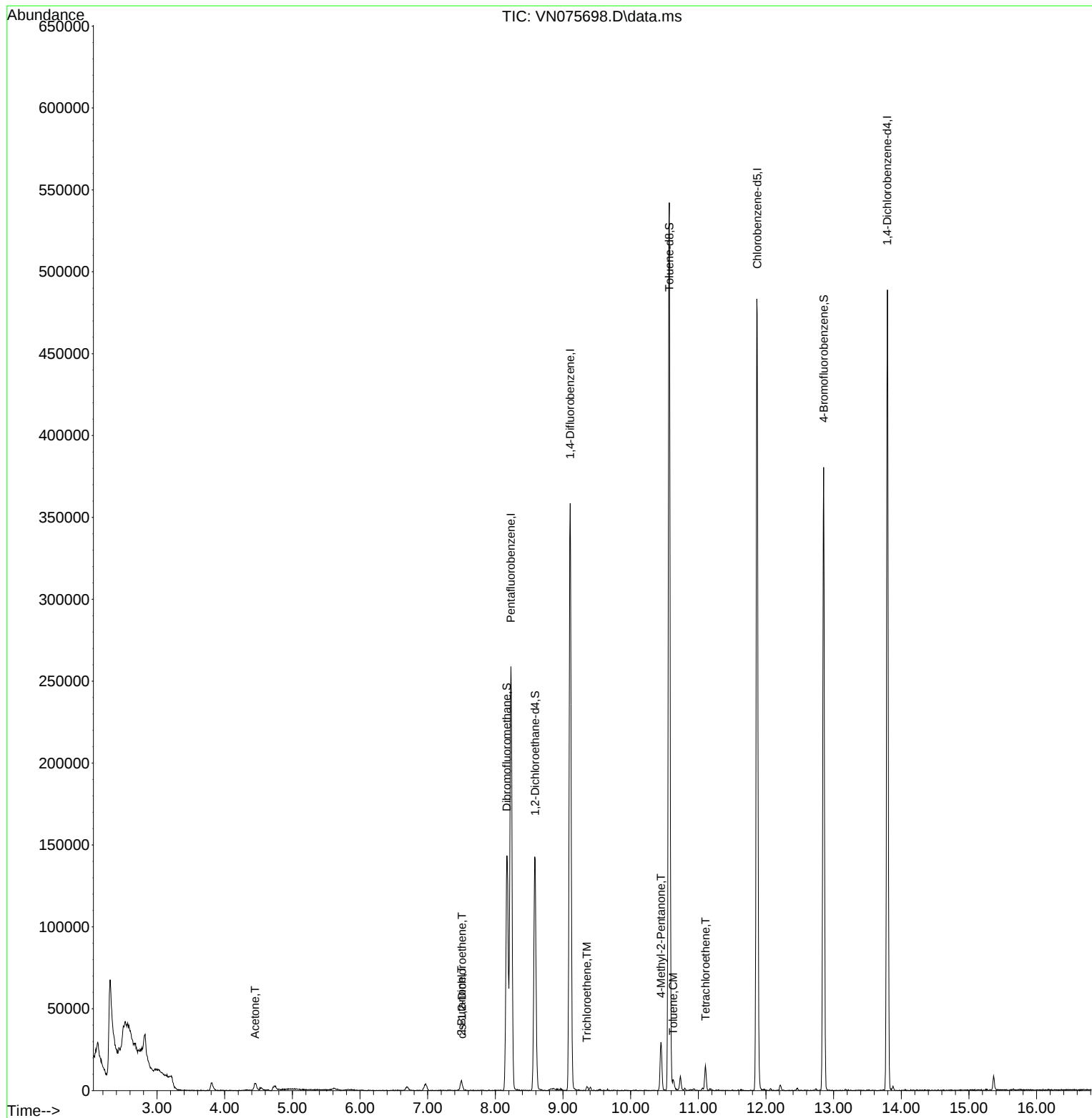
Internal Standards						
1) Pentafluorobenzene	8.229	168	203537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	338965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	301831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	116184	53.799	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.600%		
35) Dibromofluoromethane	8.171	113	104937	50.741	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.480%		
50) Toluene-d8	10.571	98	395708	50.950	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.900%		
62) 4-Bromofluorobenzene	12.853	95	126761	47.736	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.480%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	8722	11.926	ug/l	92
25) 2-Butanone	7.500	43	3635	3.400	ug/l	97
27) cis-1,2-Dichloroethene	7.506	96	2429	1.027	ug/l	93
44) Trichloroethene	9.353	130	1146	0.482	ug/l	71
51) 4-Methyl-2-Pentanone	10.447	43	19021	8.381	ug/l	100
52) Toluene	10.629	92	2542	0.456	ug/l	89
64) Tetrachloroethene	11.106	164	3608	1.641	ug/l #	86

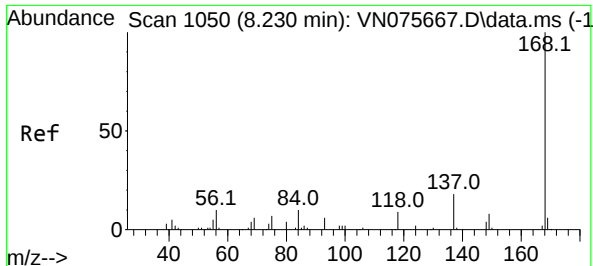
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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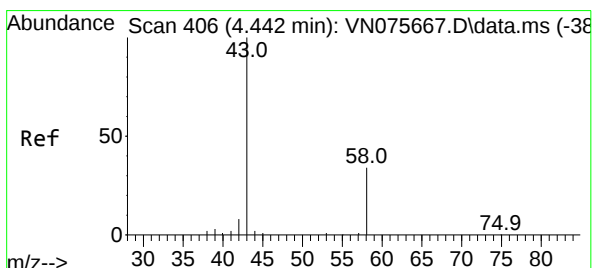
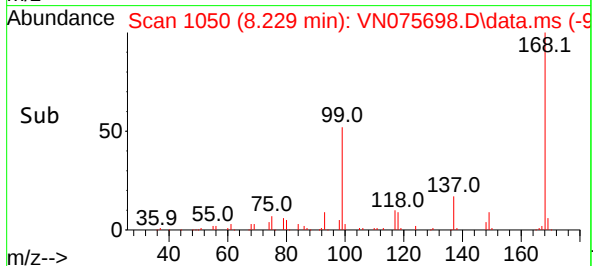
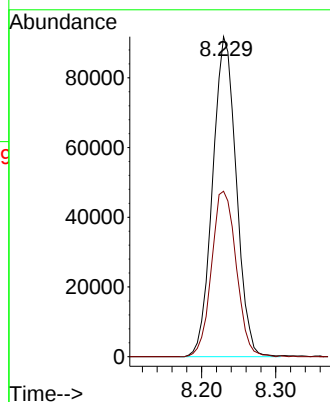
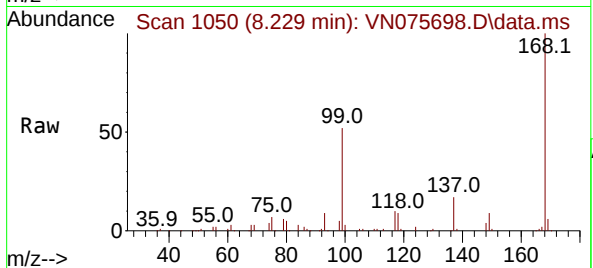




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

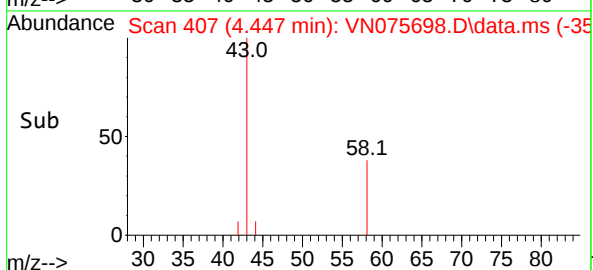
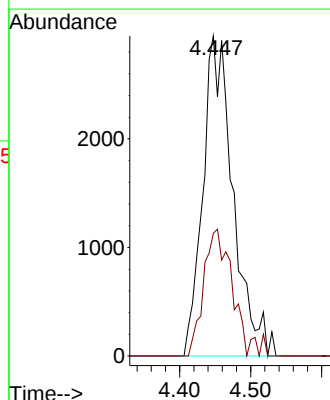
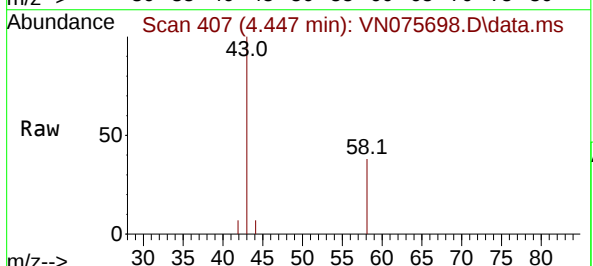
Instrument :
MSVOA_N
ClientSampleId :
MW-31

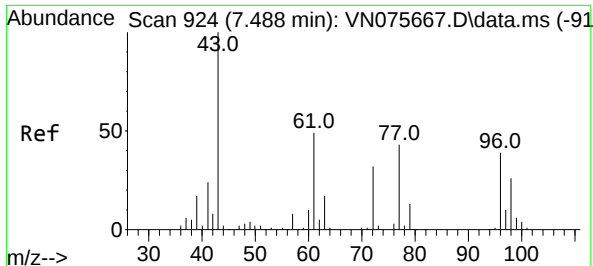
Tgt Ion:168 Resp: 203537
Ion Ratio Lower Upper
168 100
99 51.7 41.2 61.8



#16
Acetone
Concen: 11.926 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

Tgt Ion: 43 Resp: 8722
Ion Ratio Lower Upper
43 100
58 38.3 27.0 40.4





#25

2-Butanone

Concen: 3.400 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN075698.D

Acq: 10 Dec 2022 08:21

Instrument :

MSVOA_N

ClientSampleId :

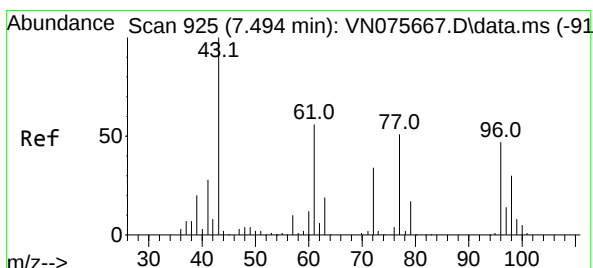
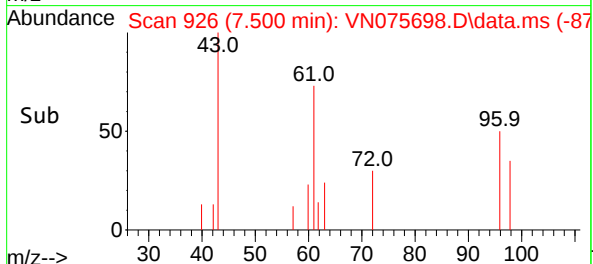
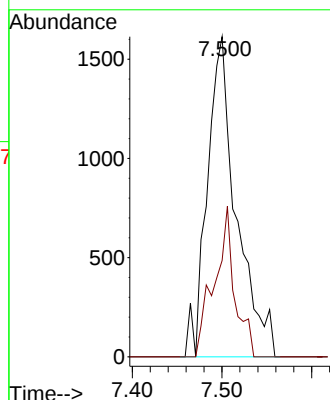
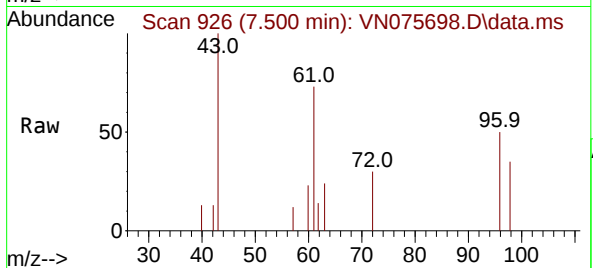
MW-31

Tgt Ion: 43 Resp: 3635

Ion Ratio Lower Upper

43 100

72 30.0 25.3 37.9



#27

cis-1,2-Dichloroethene

Concen: 1.027 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN075698.D

Acq: 10 Dec 2022 08:21

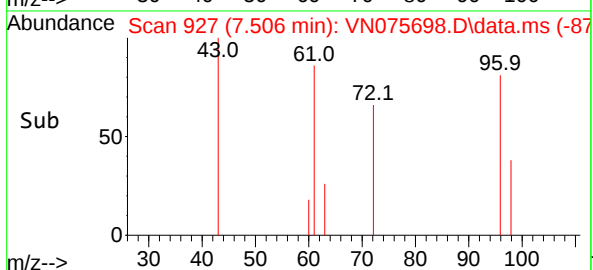
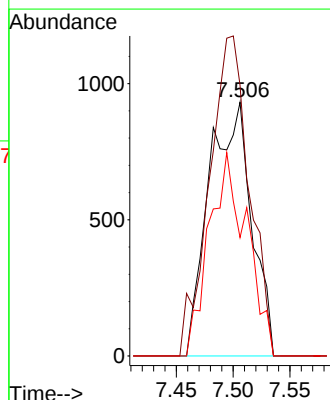
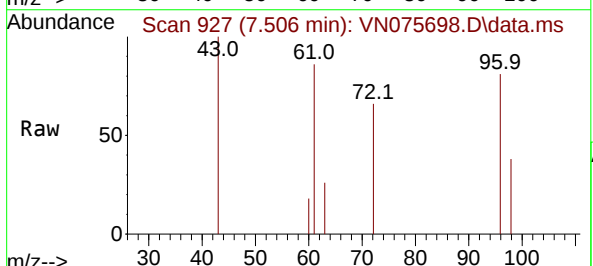
Tgt Ion: 96 Resp: 2429

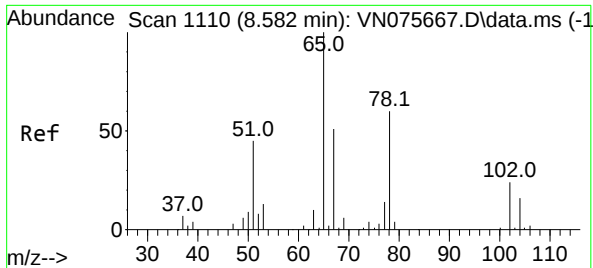
Ion Ratio Lower Upper

96 100

61 118.4 0.0 247.8

98 70.9 0.0 126.0





#33

1,2-Dichloroethane-d4

Concen: 53.799 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075698.D

Acq: 10 Dec 2022 08:21

Instrument :

MSVOA_N

ClientSampleId :

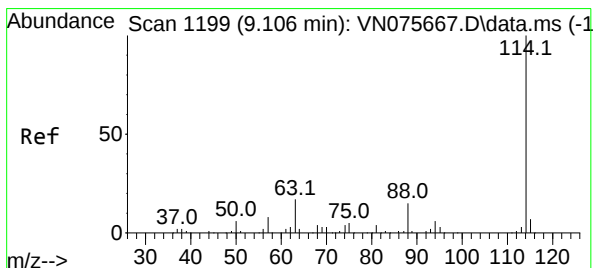
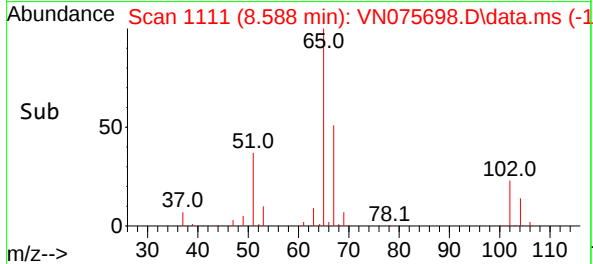
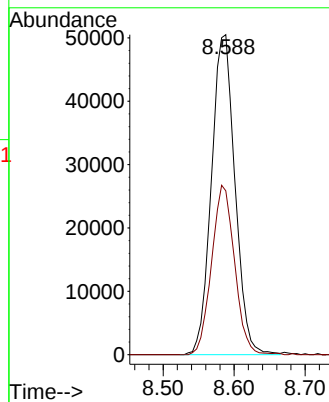
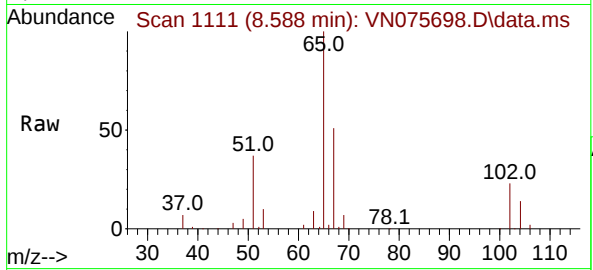
MW-31

Tgt Ion: 65 Resp: 116184

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075698.D

Acq: 10 Dec 2022 08:21

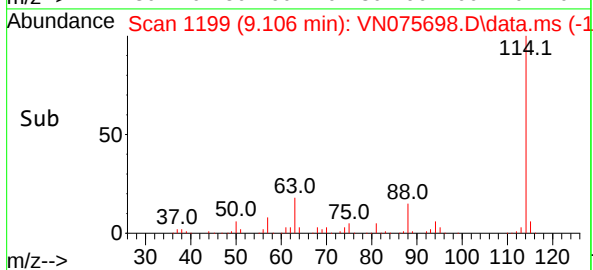
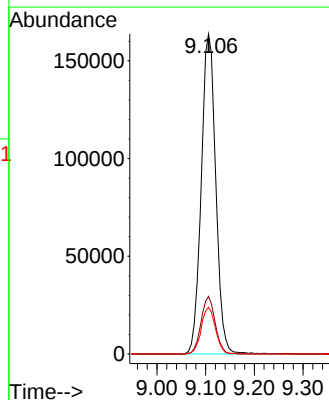
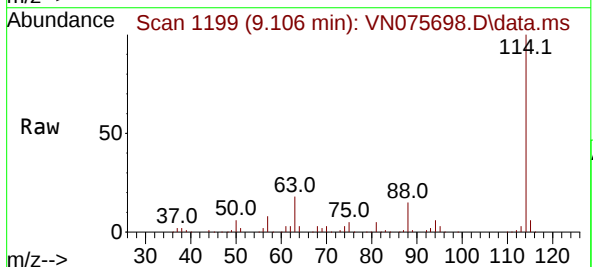
Tgt Ion: 114 Resp: 338965

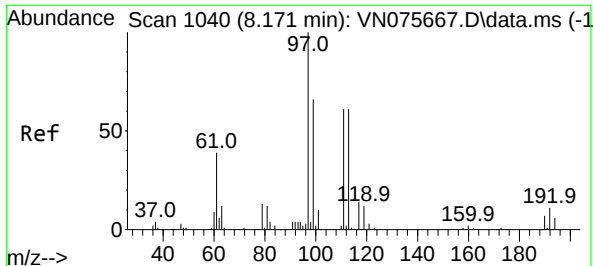
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.741 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075698.D

Acq: 10 Dec 2022 08:21

Instrument :

MSVOA_N

ClientSampleId :

MW-31

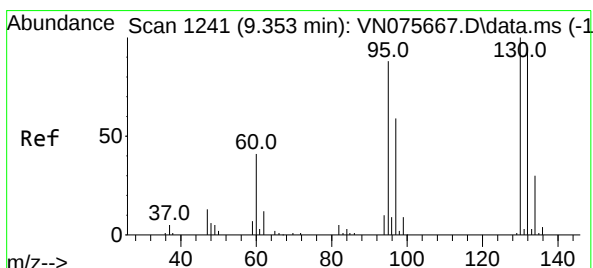
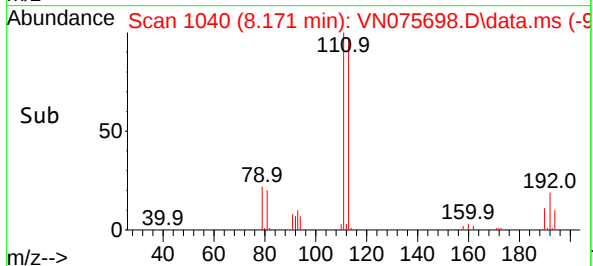
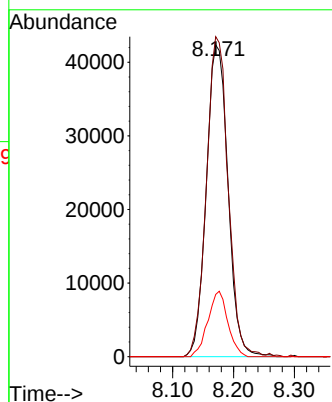
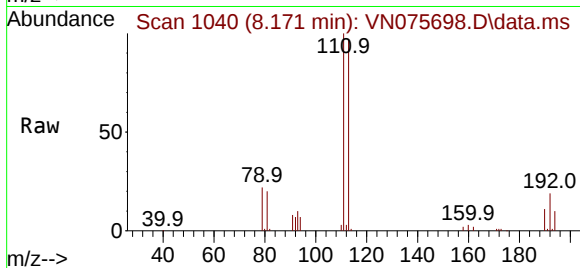
Tgt Ion:113 Resp: 104937

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

192 19.3 16.2 24.2



#44

Trichloroethene

Concen: 0.482 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VN075698.D

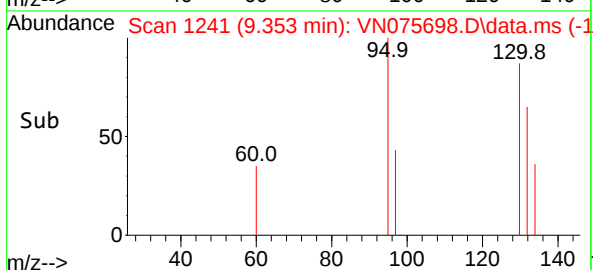
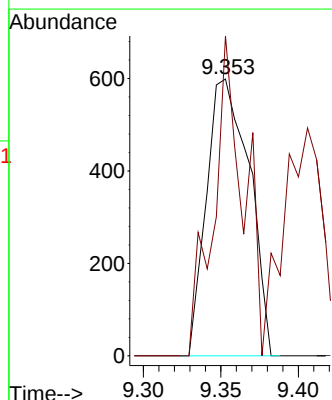
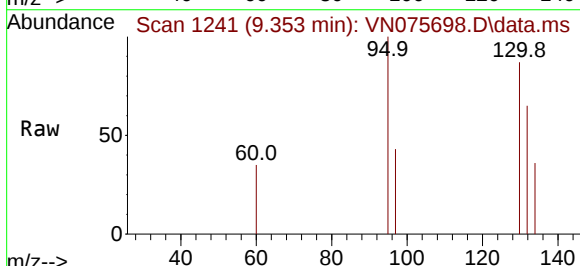
Acq: 10 Dec 2022 08:21

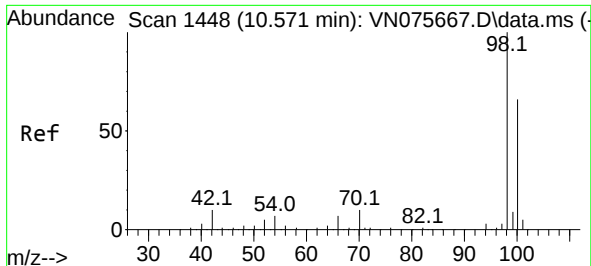
Tgt Ion:130 Resp: 1146

Ion Ratio Lower Upper

130 100

95 115.5 0.0 176.8

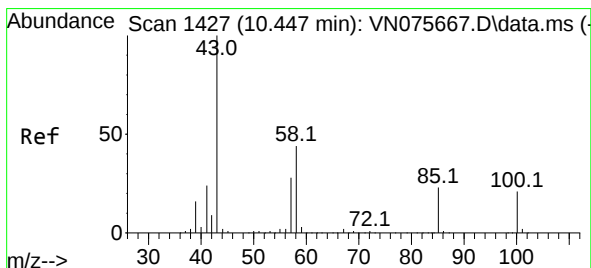
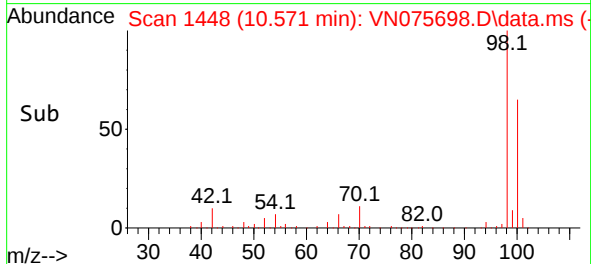
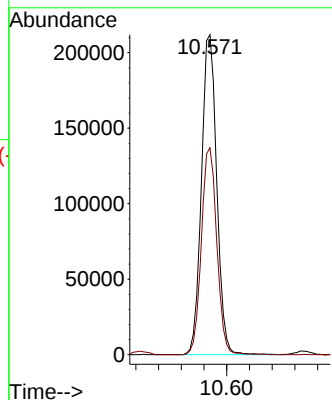
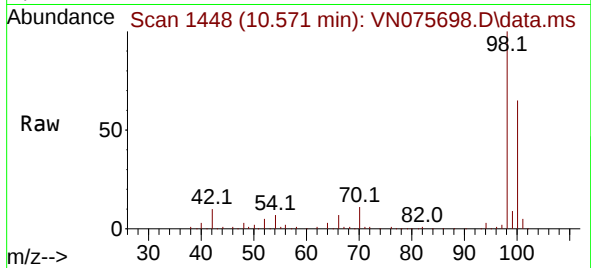




#50
Toluene-d8
Concen: 50.950 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

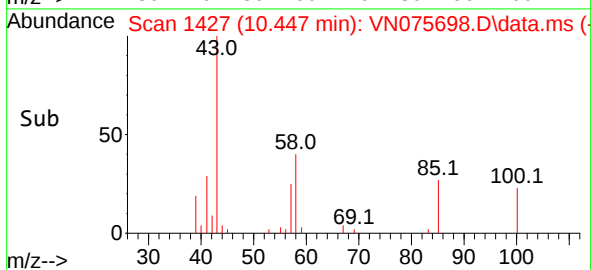
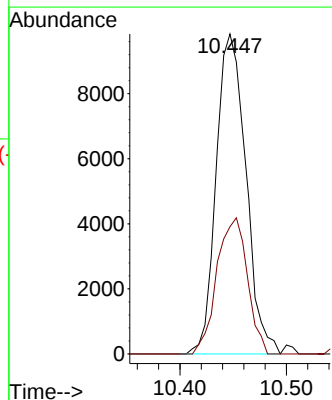
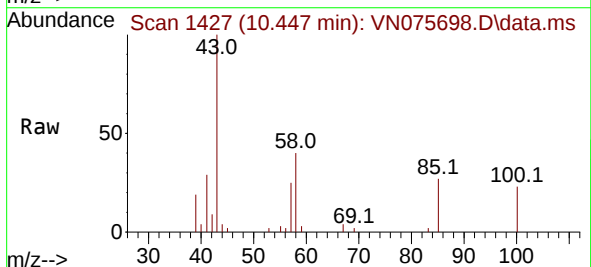
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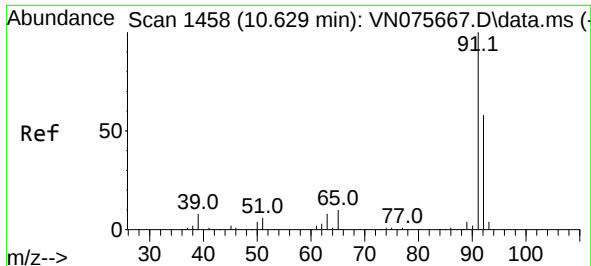
Tgt Ion: 98 Resp: 395708
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 8.381 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

Tgt Ion: 43 Resp: 19021
Ion Ratio Lower Upper
43 100
58 43.7 35.0 52.6

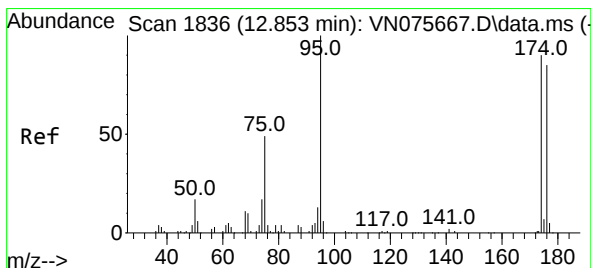
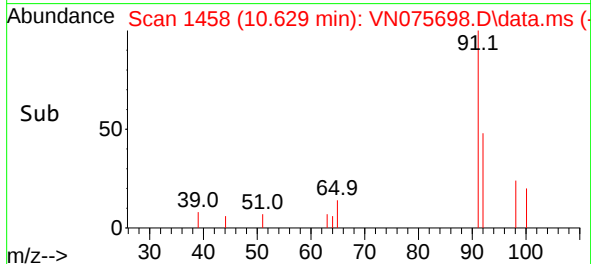
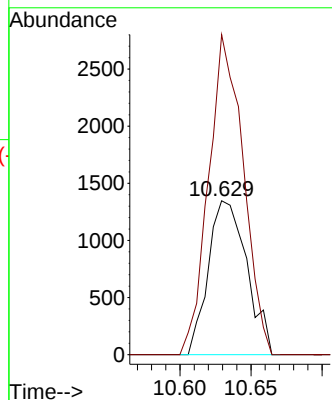
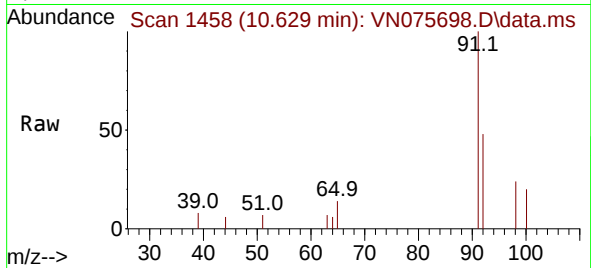




#52
Toluene
Concen: 0.456 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

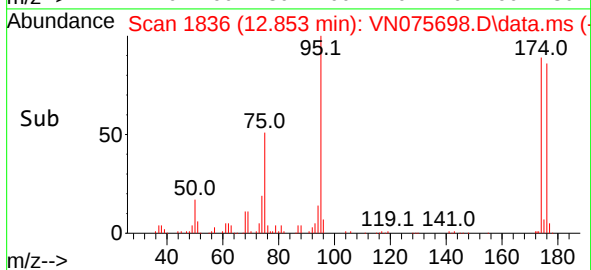
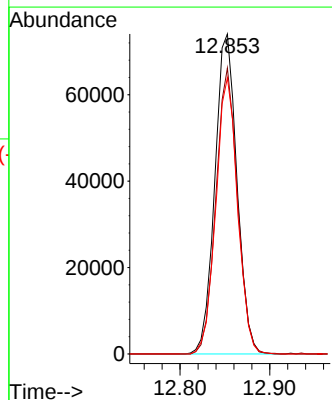
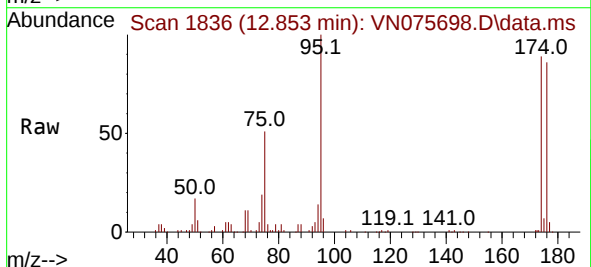
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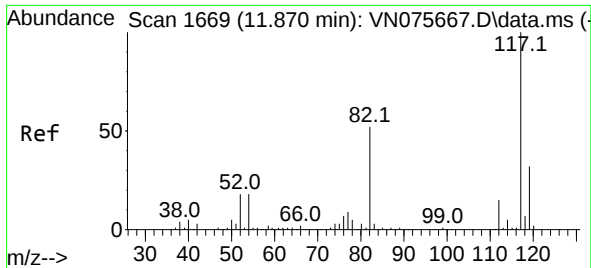
Tgt Ion: 92 Resp: 2542
Ion Ratio Lower Upper
92 100
91 187.3 137.9 206.9



#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

Tgt Ion: 95 Resp: 126761
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.6
176 84.6 0.0 170.8

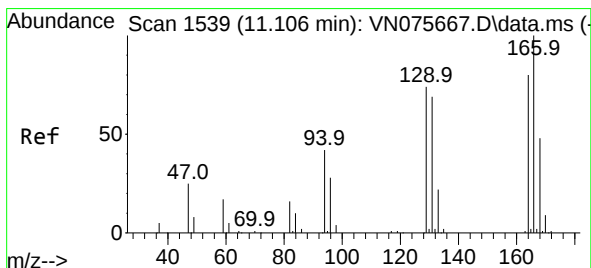
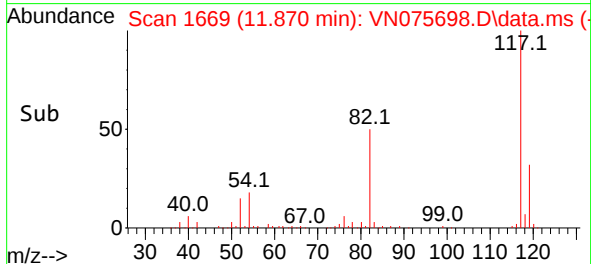
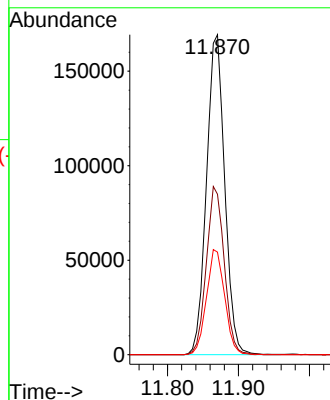
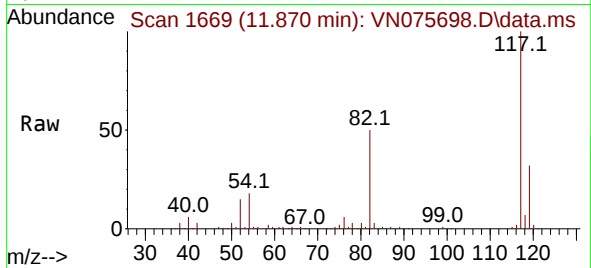




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

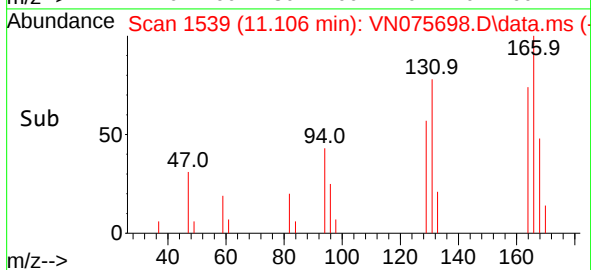
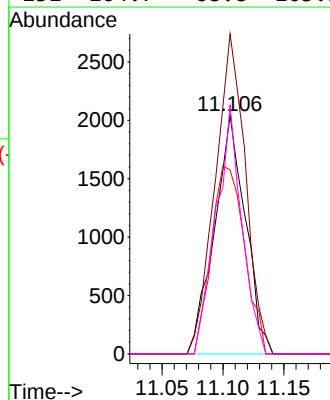
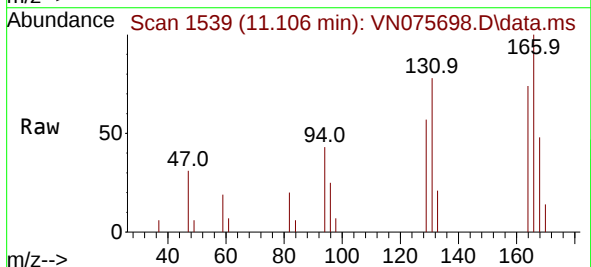
Instrument :
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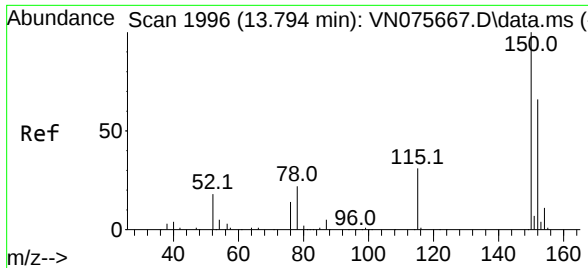
Tgt Ion:117 Resp: 301831
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.641 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075698.D
Acq: 10 Dec 2022 08:21

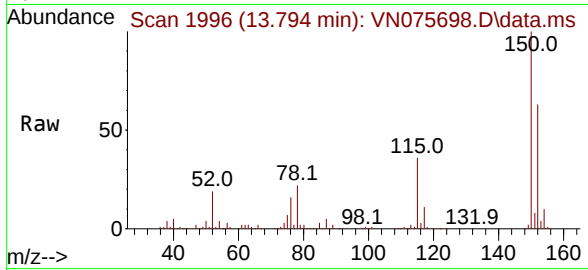
Tgt Ion:164 Resp: 3608
Ion Ratio Lower Upper
164 100
166 134.3 100.3 150.5
129 77.1 73.9 110.9
131 104.7 68.8 103.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075698.D
 Acq: 10 Dec 2022 08:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31



Tgt Ion:152 Resp: 139930
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.4 85.2
 150 155.8 0.0 347.6

