

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075689.D
 Acq On : 10 Dec 2022 04:46
 Operator : JC\MD
 Sample : N5989-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-21R

Quant Time: Dec 12 04:26:15 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)

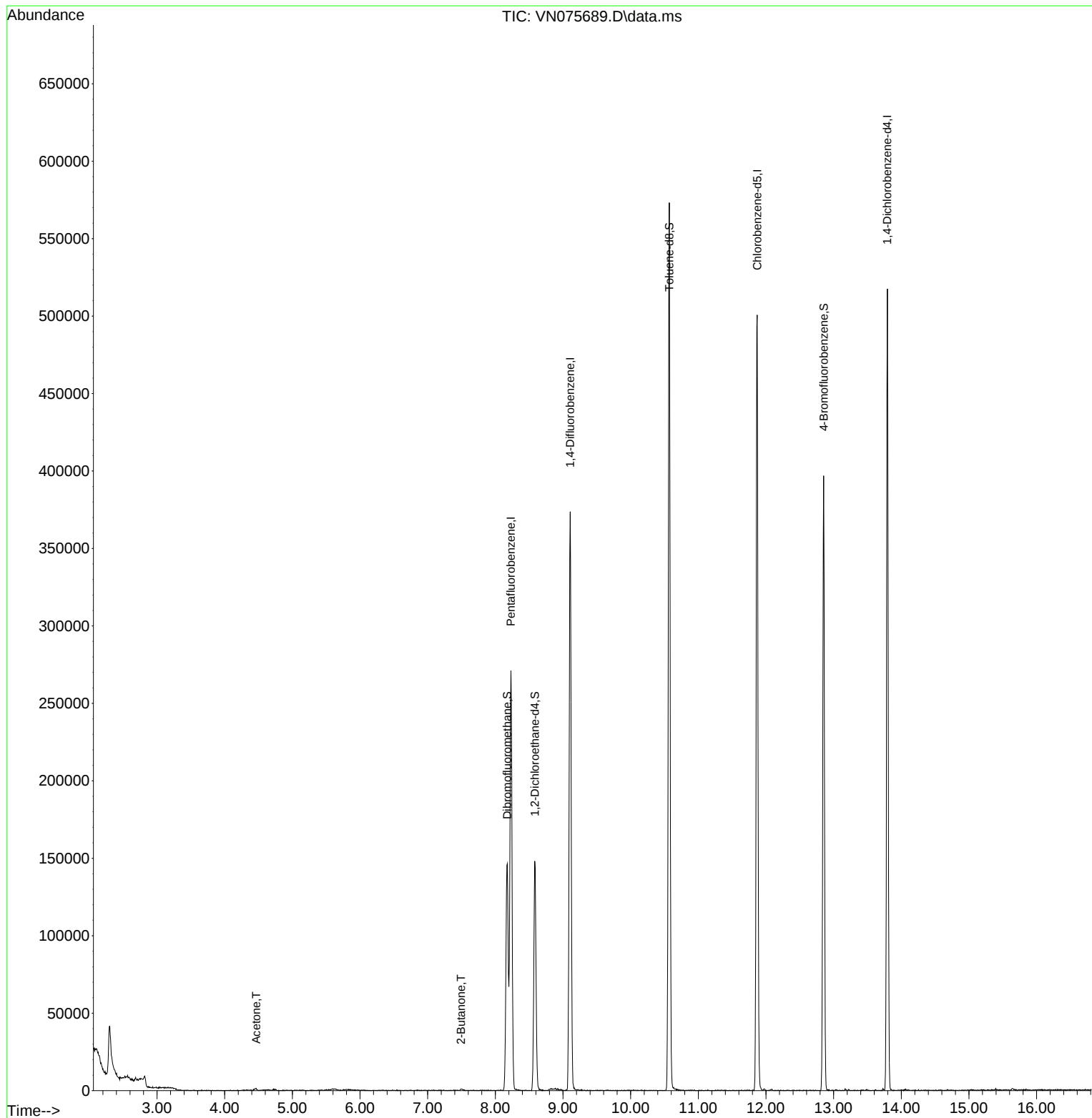
Internal Standards						
1) Pentafluorobenzene	8.229	168	209600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	314321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119953	53.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.880%	
35) Dibromofluoromethane	8.177	113	107607	50.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.860%	
50) Toluene-d8	10.570	98	406446	50.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.853	95	134563	49.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	2557	3.395	ug/l #	84
25) 2-Butanone	7.494	43	1787	1.623	ug/l	89

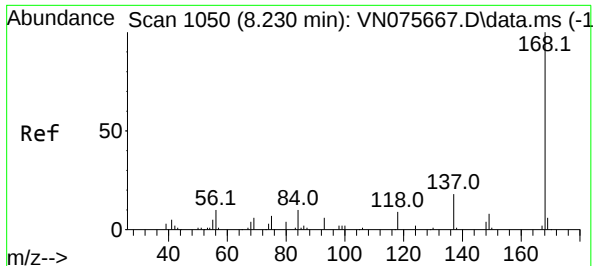
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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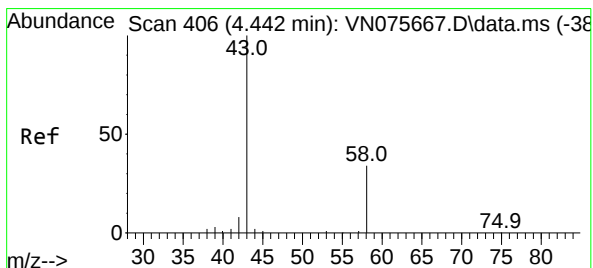
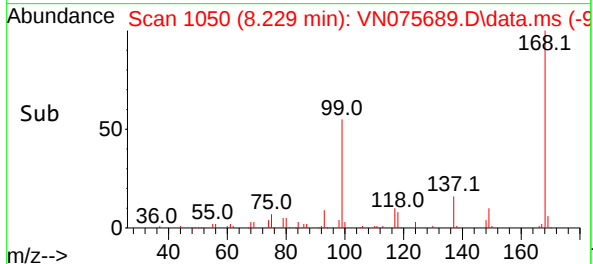
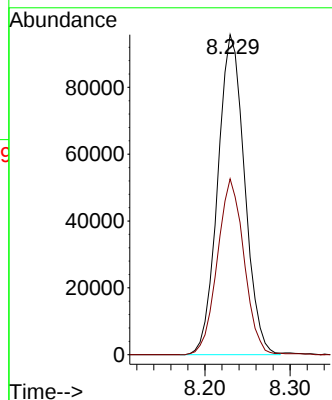
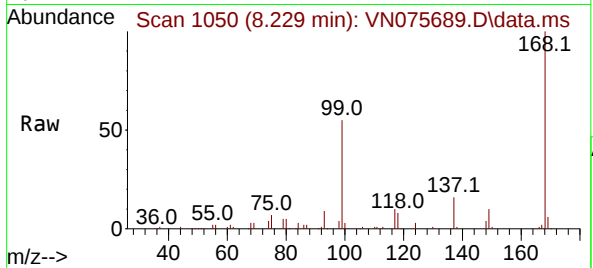




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

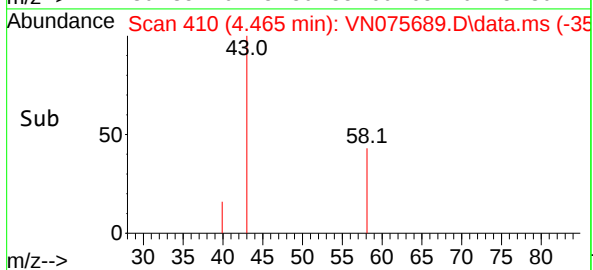
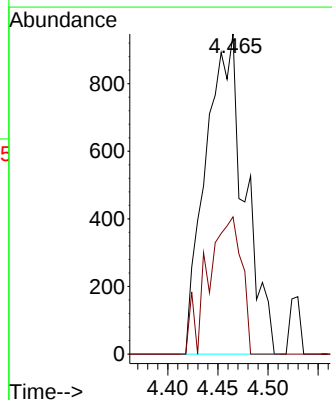
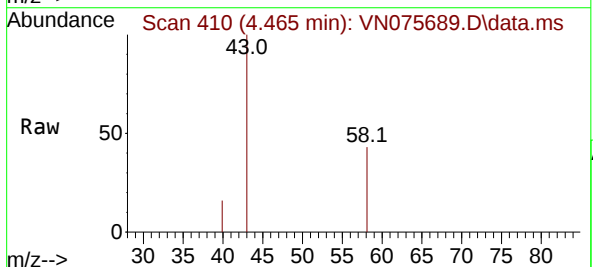
Instrument :
MSVOA_N
ClientSampleId :
MW-21R

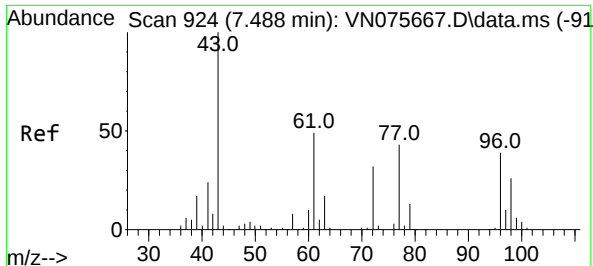
Tgt Ion:168 Resp: 209600
Ion Ratio Lower Upper
168 100
99 54.9 41.2 61.8



#16
Acetone
Concen: 3.395 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
58 42.9 27.0 40.4#

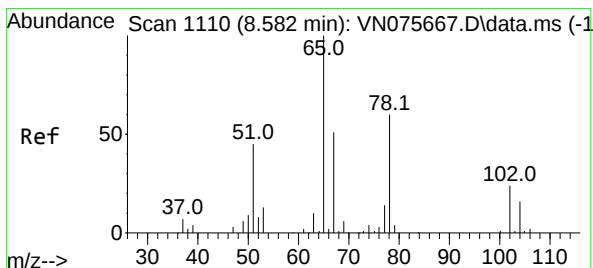
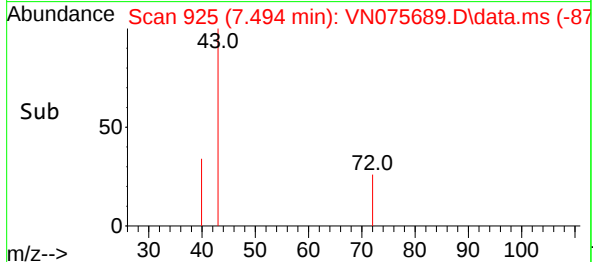
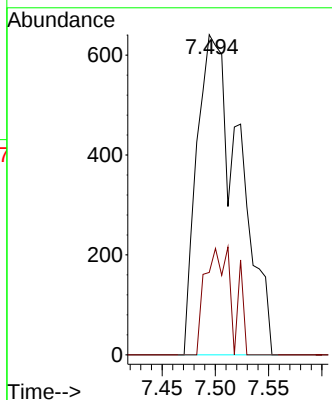
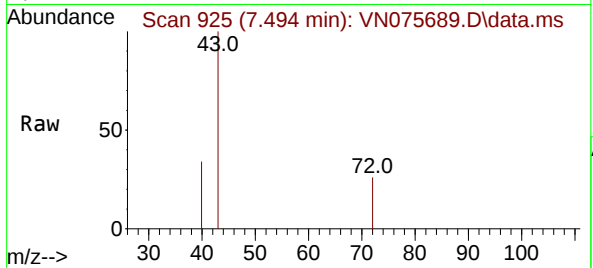




#25
2-Butanone
Concen: 1.623 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

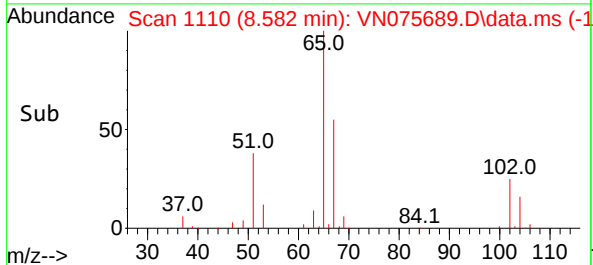
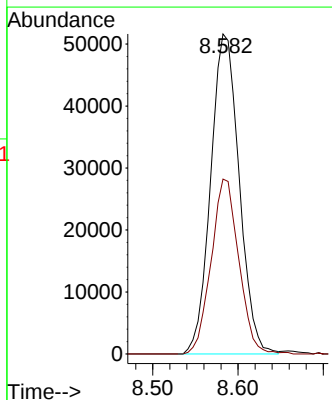
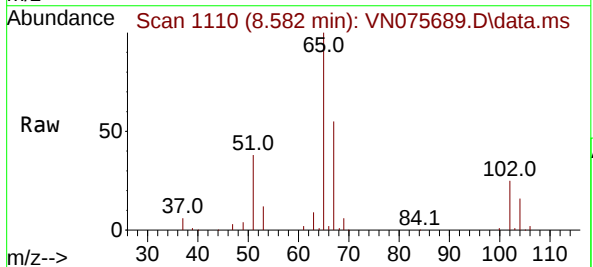
Instrument :
MSVOA_N
ClientSampleId :
MW-21R

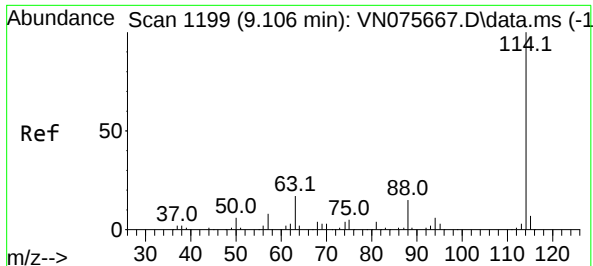
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
72 25.7 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 53.938 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 65 Resp: 119953
Ion Ratio Lower Upper
65 100
67 52.9 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: VN075689.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_N

ClientSampleId :

MW-21R

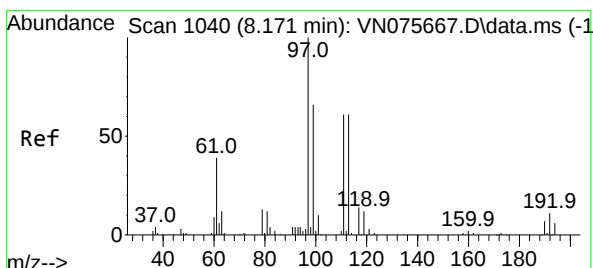
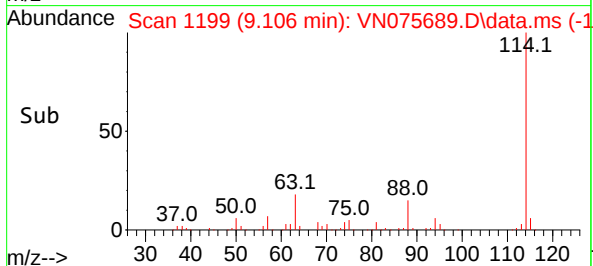
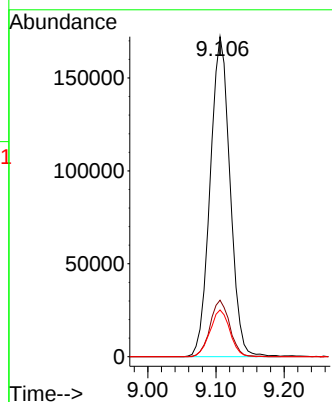
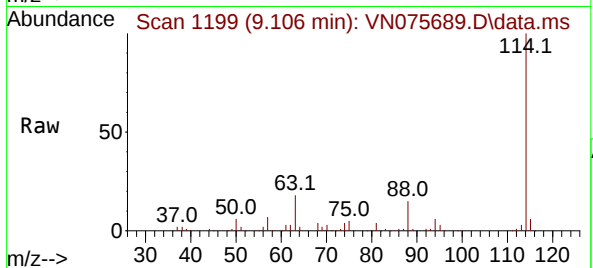
Tgt Ion:114 Resp: 349767

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075689.D

Acq: 10 Dec 2022 04:46

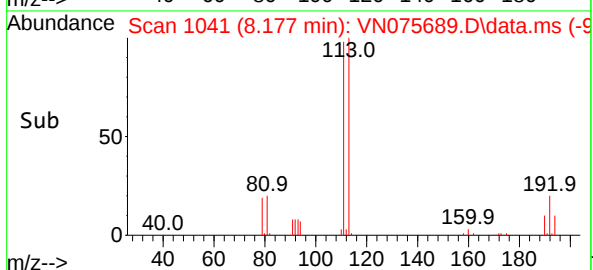
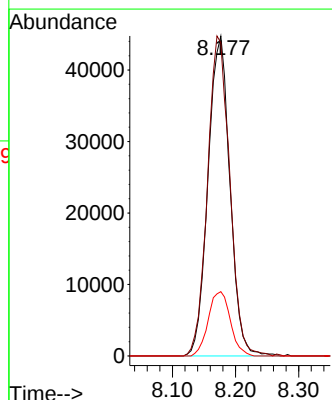
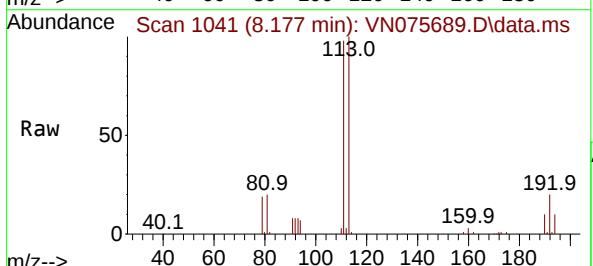
Tgt Ion:113 Resp: 107607

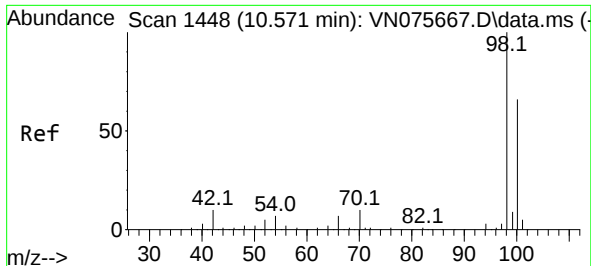
Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.6

192 20.3 16.2 24.2

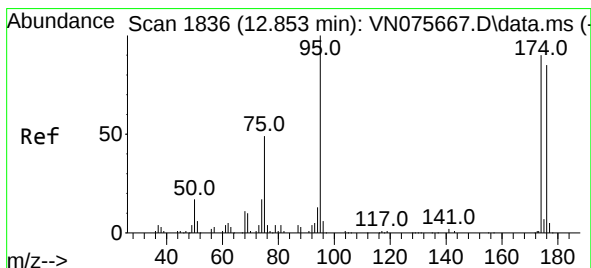
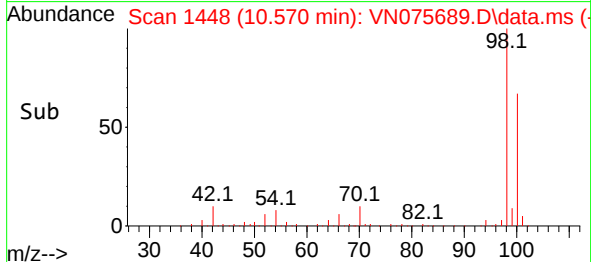
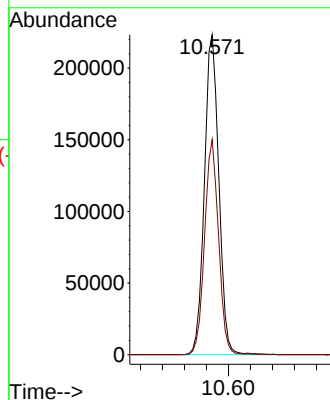
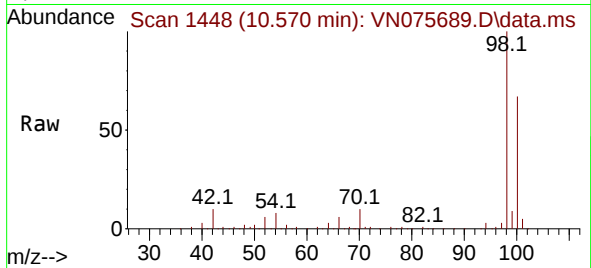




#50
Toluene-d8
Concen: 50.717 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

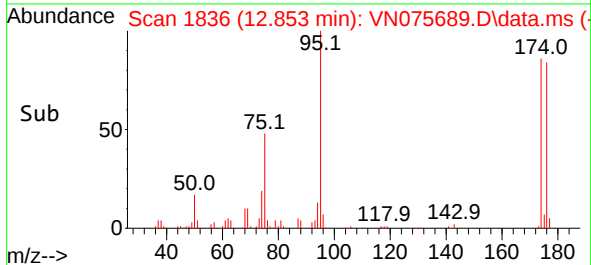
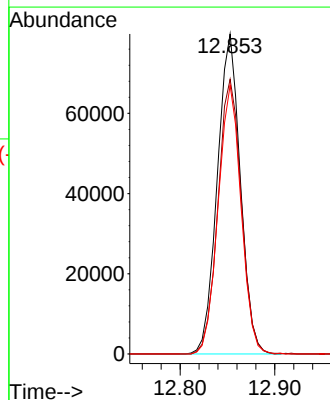
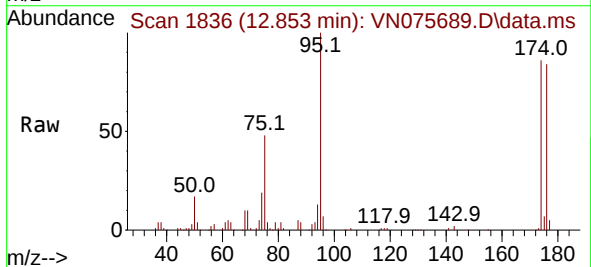
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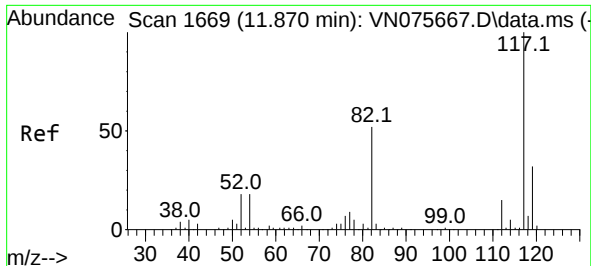
Tgt Ion: 98 Resp: 406446
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.110 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 95 Resp: 134563
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.6
176 83.5 0.0 170.8

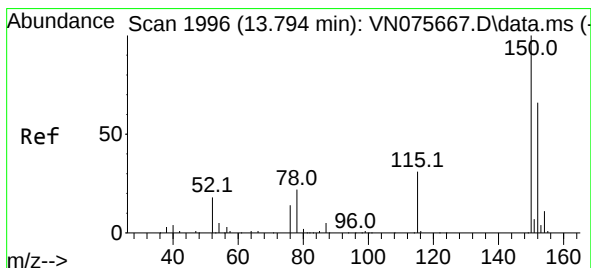
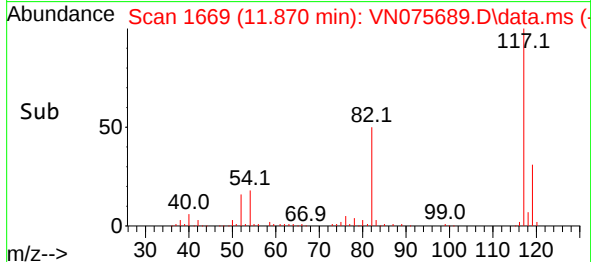
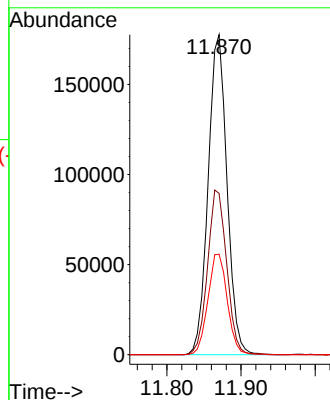
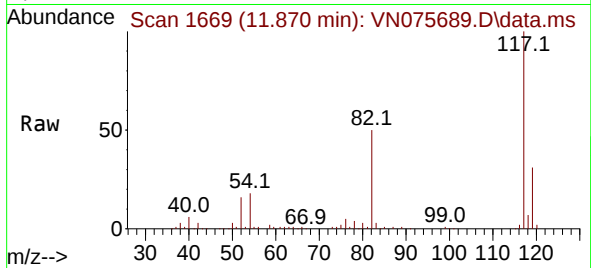




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

Instrument :
MSVOA_N
ClientSampleId :
MW-21R

Tgt Ion:117 Resp: 314321
Ion Ratio Lower Upper
117 100
82 50.4 41.8 62.8
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075689.D
Acq: 10 Dec 2022 04:46

Tgt Ion:152 Resp: 145998
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 157.4 0.0 347.6

