

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078689.D
 Acq On : 28 Jul 2023 16:53
 Operator : JC\MD
 Sample : 03806-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-1694

Quant Time: Jul 29 02:11:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

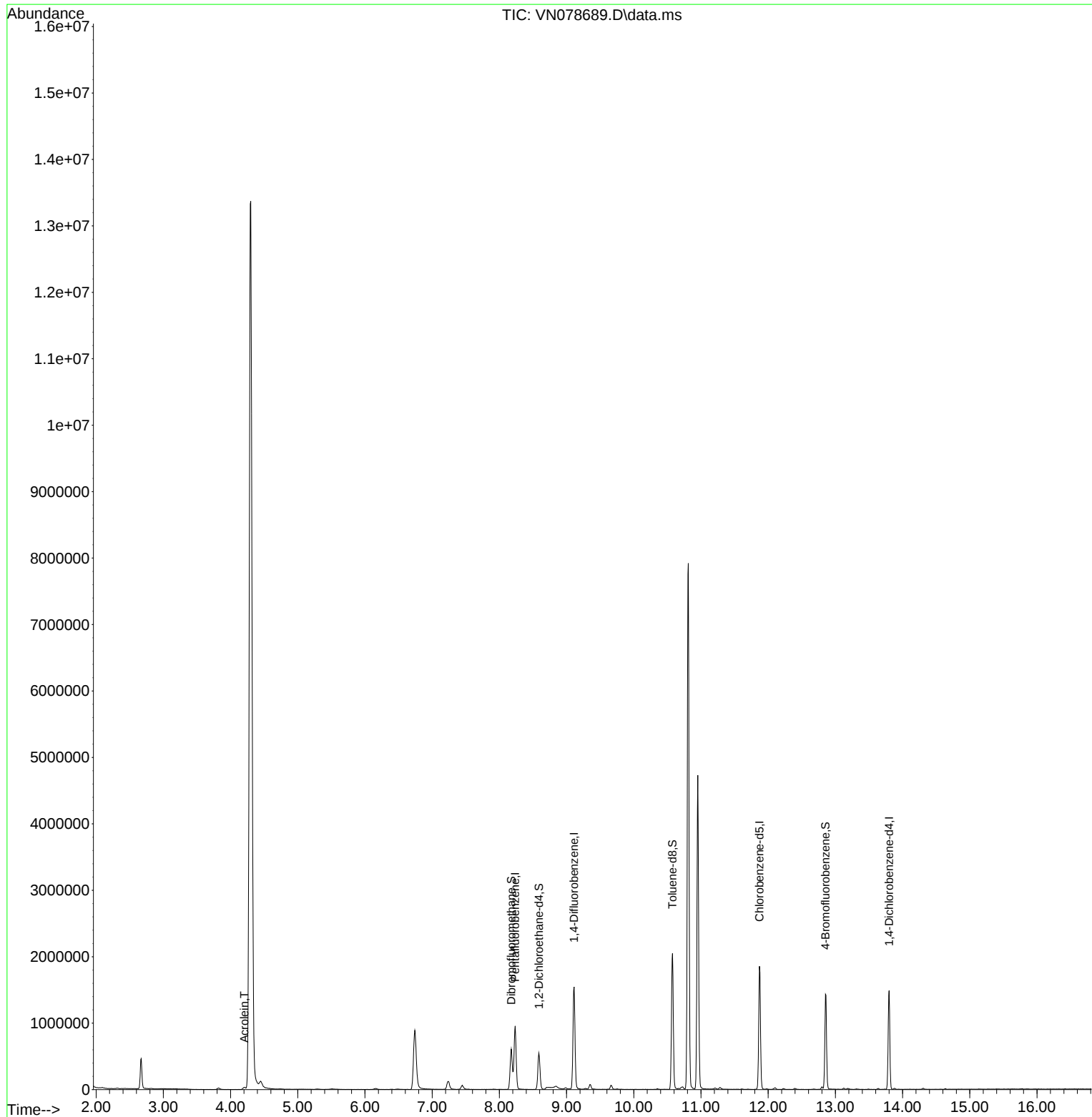
Internal Standards						
1) Pentafluorobenzene	8.235	168	705557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1275456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1165570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	433195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	447966	47.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	8.176	113	438174	50.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	10.576	98	1519585	46.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.853	95	546585	54.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.500%
Target Compounds						Qvalue
13) Acrolein	4.206	56	45878	31.970	ug/l	97

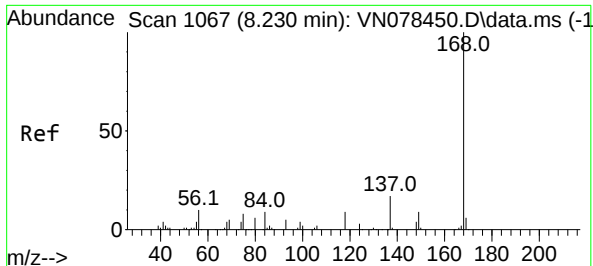
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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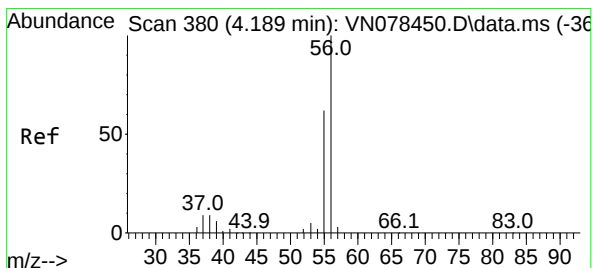
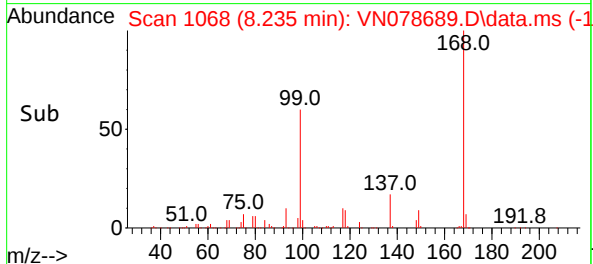
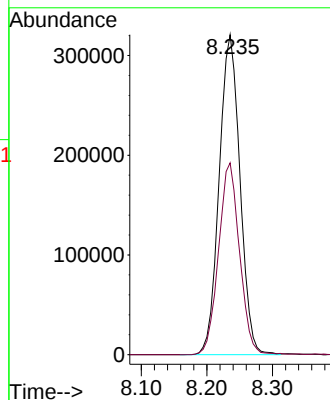
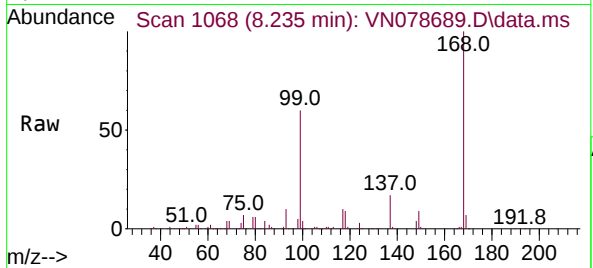




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

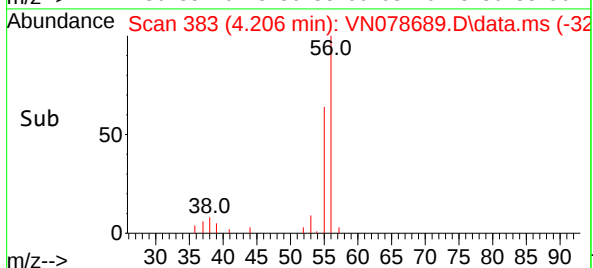
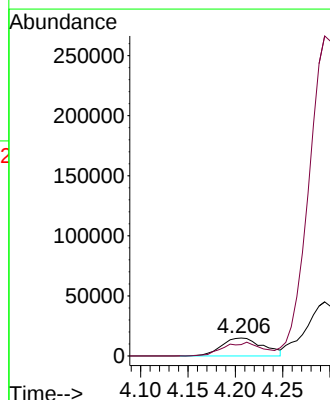
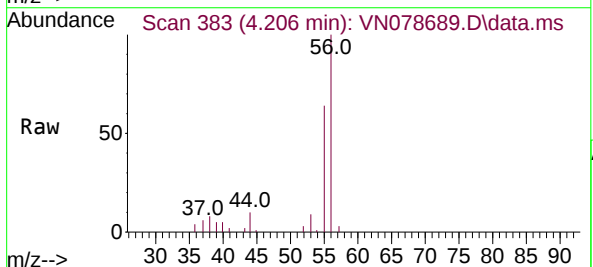
Instrument :
MSVOA_N
ClientSampleId :
ORA-1694

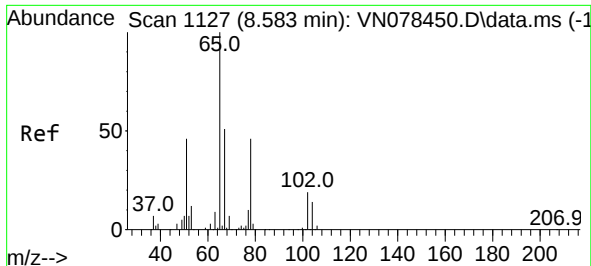
Tgt Ion:168 Resp: 705557
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#13
Acrolein
Concen: 31.970 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.017 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

Tgt Ion: 56 Resp: 45878
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7

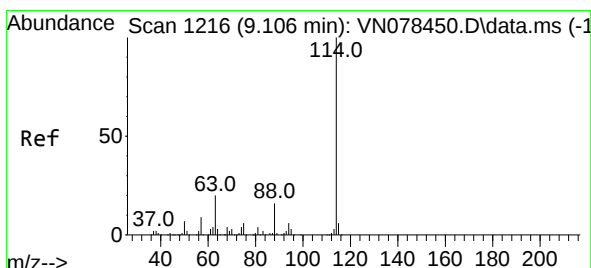
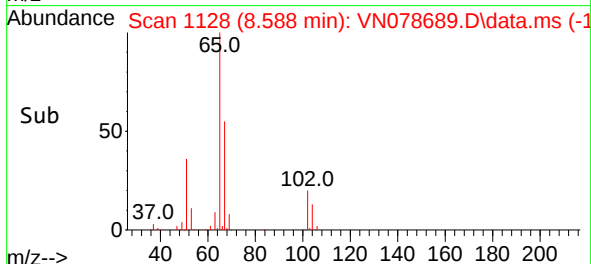
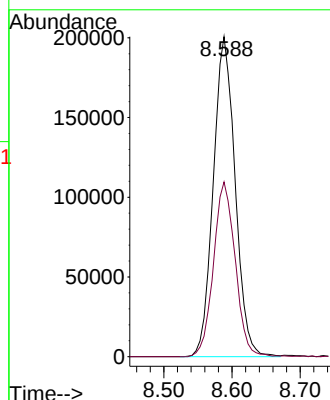
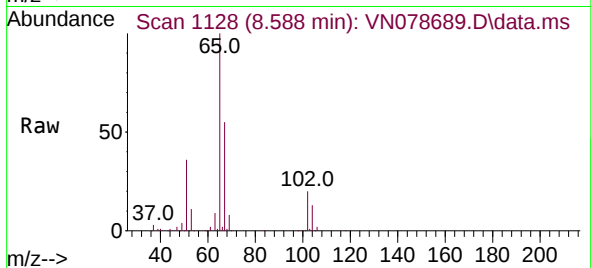




#33
1,2-Dichloroethane-d4
Concen: 47.360 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

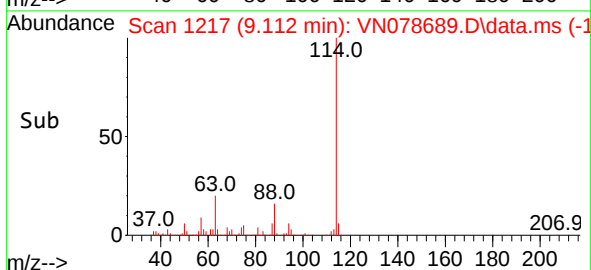
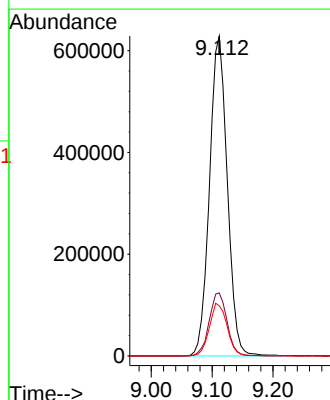
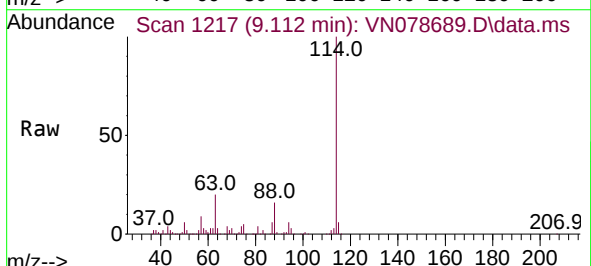
Instrument :
MSVOA_N
ClientSampleId :
ORA-1694

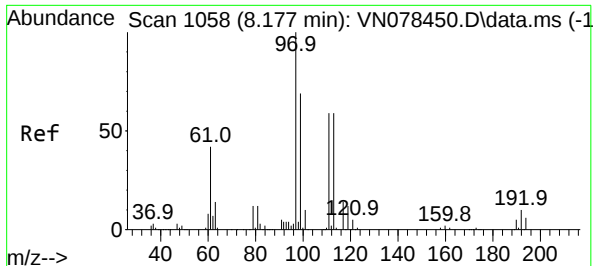
Tgt Ion: 65 Resp: 447966
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

Tgt Ion: 114 Resp: 1275456
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.608 ug/l

RT: 8.176 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VN078689.D

Acq: 28 Jul 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

ORA-1694

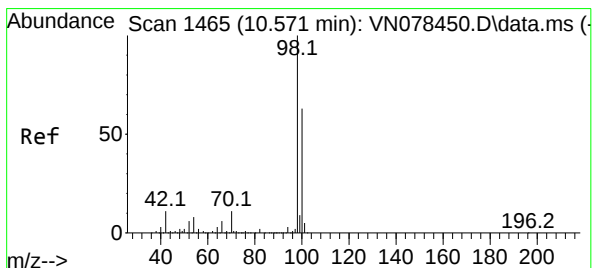
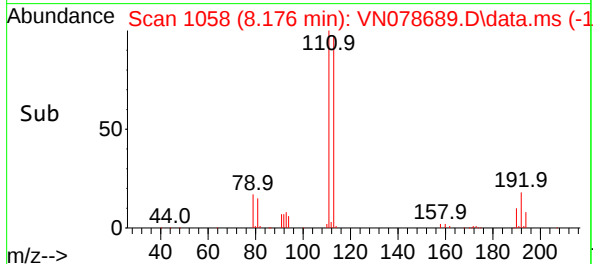
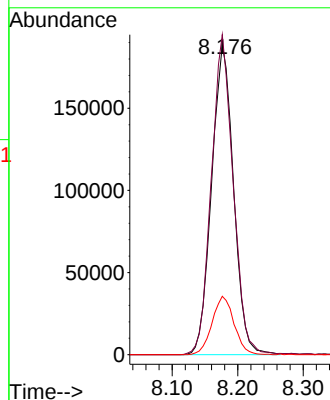
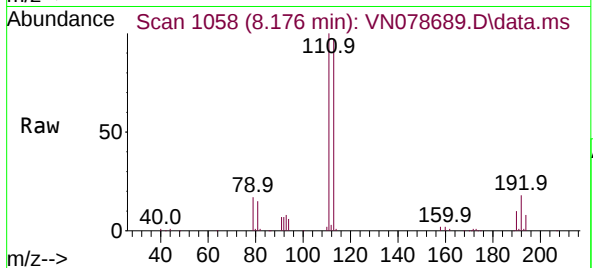
Tgt Ion:113 Resp: 438174

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.9 12.7 19.1



#50

Toluene-d8

Concen: 46.459 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078689.D

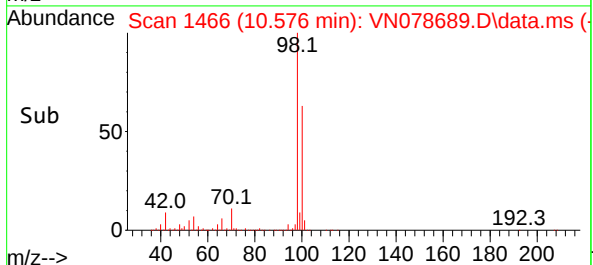
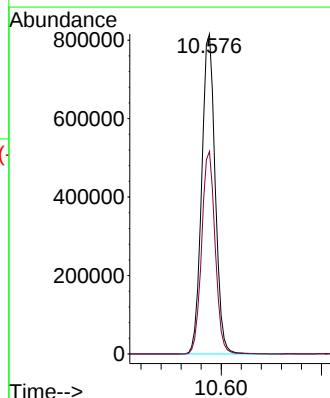
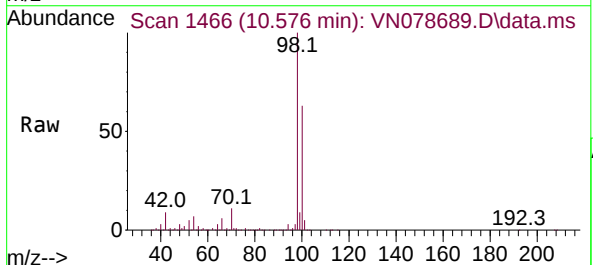
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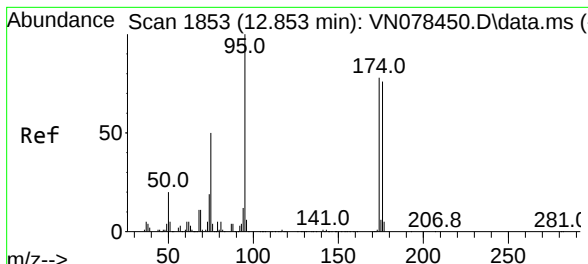
Tgt Ion: 98 Resp: 1519585

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

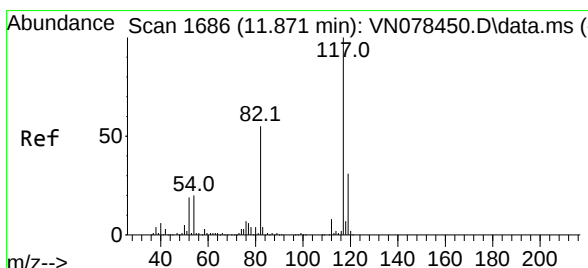
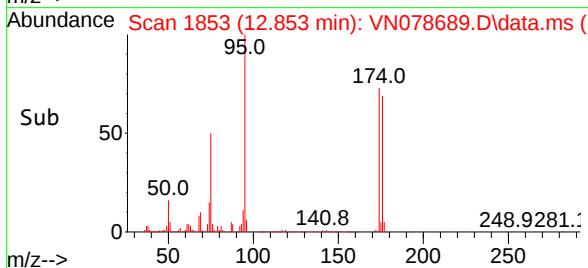
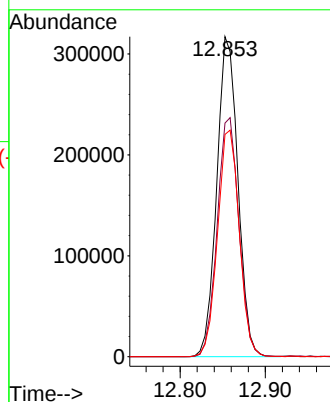
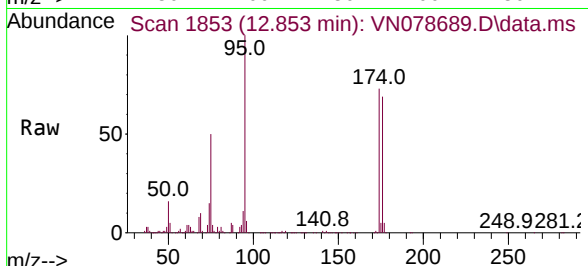




#62
4-Bromofluorobenzene
Concen: 54.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

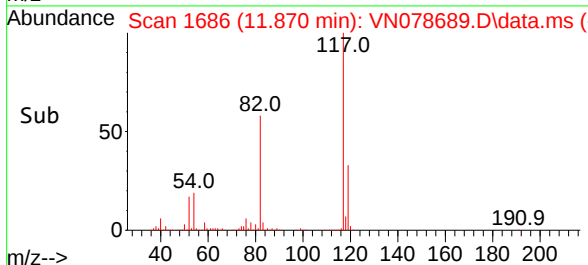
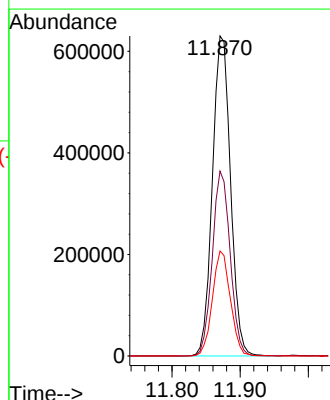
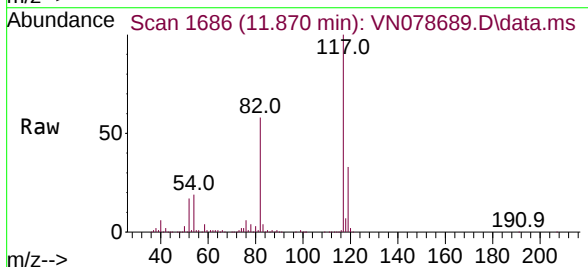
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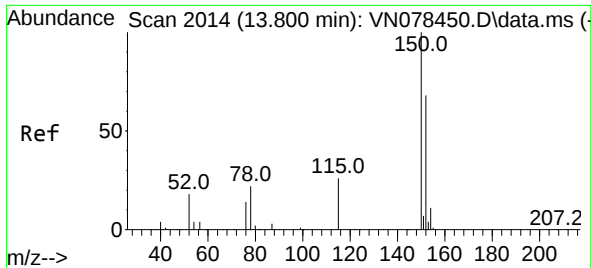
Tgt Ion:	95	Resp:	546585
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	143.8
176	72.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078689.D
Acq: 28 Jul 2023 16:53

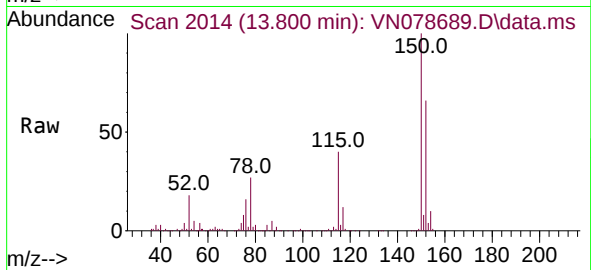
Tgt Ion:	117	Resp:	1165570
Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.0	66.0
119	32.8	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078689.D
 Acq: 28 Jul 2023 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-1694



Tgt Ion:152 Resp: 433195
 Ion Ratio Lower Upper
 152 100
 115 60.4 32.3 96.8
 150 154.3 0.0 355.8

