

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076798.D
 Acq On : 19 Jul 2023 18:42
 Operator : KP/SY
 Sample : 03655-01RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MARION-COMPRES

Quant Time: Jul 20 05:01:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

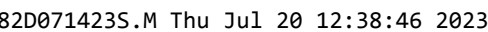
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

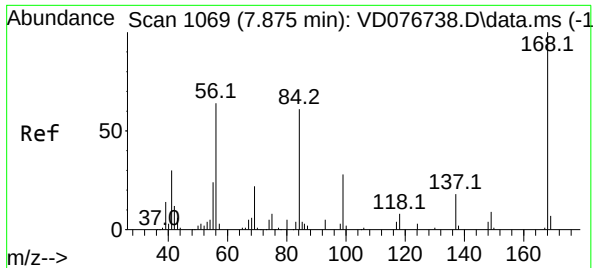
Internal Standards						
1) Pentafluorobenzene	7.875	168	7747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	16619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7192	93.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 186.420%#	
35) Dibromofluoromethane	7.799	113	6748	64.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.860%	
50) Toluene-d8	10.269	98	19926	53.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.575	95	6207	51.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.200%	

Target Compounds	Qvalue

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

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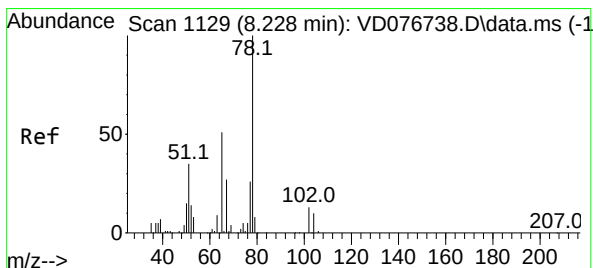
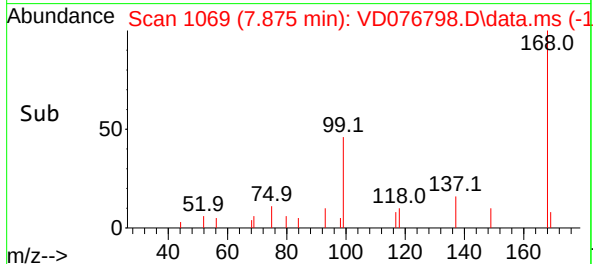
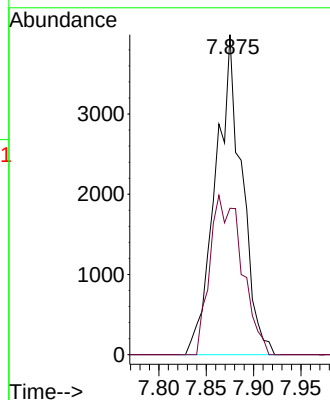
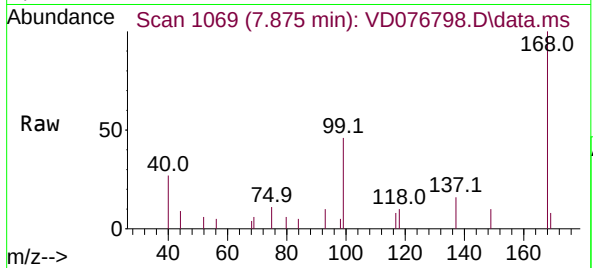




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076798.D
Acq: 19 Jul 2023 18:42

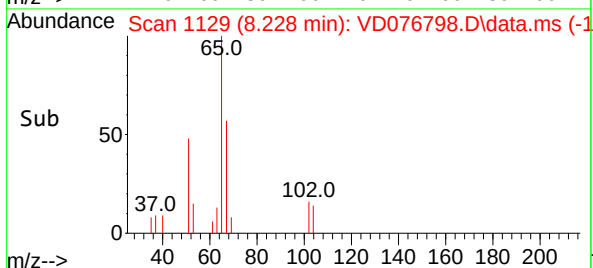
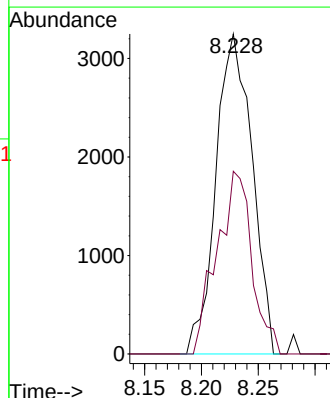
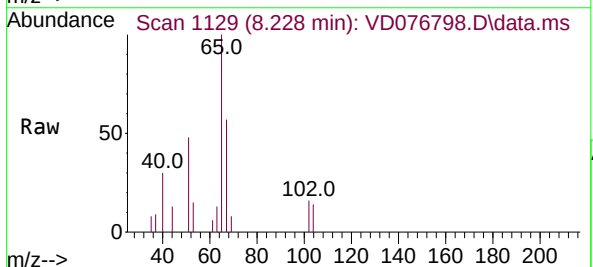
Instrument :
MSVOA_D
ClientSampleId :
MARION-COMPRE

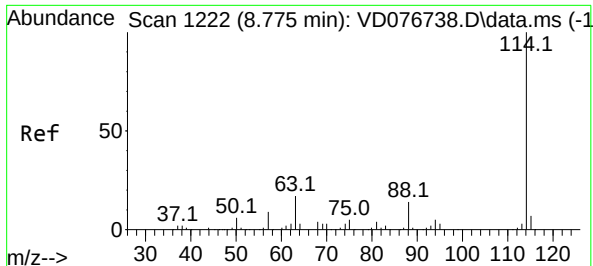
Tgt Ion:168 Resp: 7747
Ion Ratio Lower Upper
168 100
99 45.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 93.206 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076798.D
Acq: 19 Jul 2023 18:42

Tgt Ion: 65 Resp: 7192
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076798.D

Acq: 19 Jul 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

MARION-COMPRE

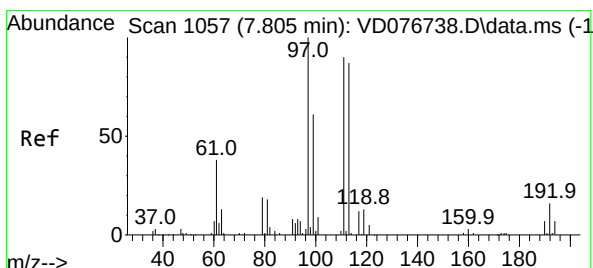
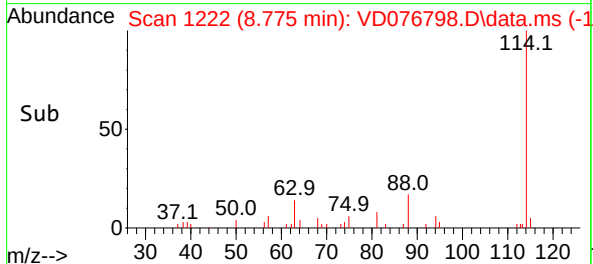
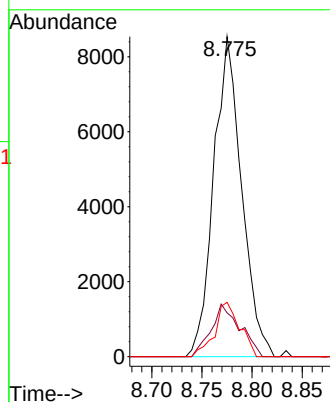
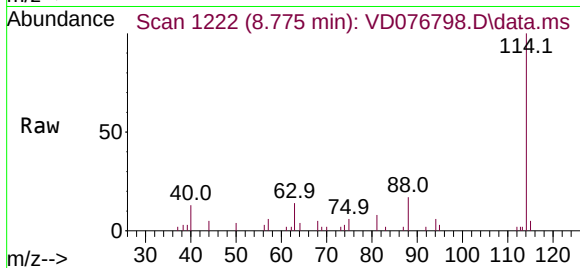
Tgt Ion:114 Resp: 16539

Ion Ratio Lower Upper

114 100

63 13.7 0.0 33.4

88 17.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 64.927 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076798.D

Acq: 19 Jul 2023 18:42

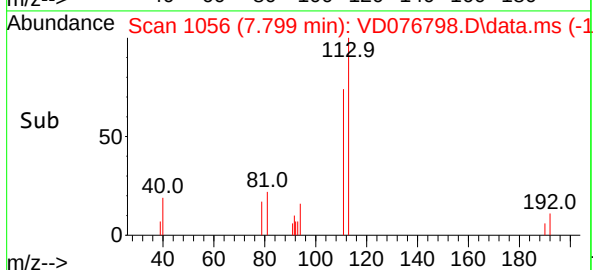
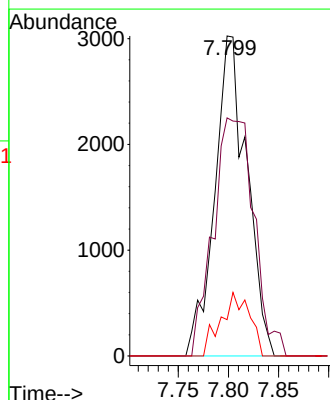
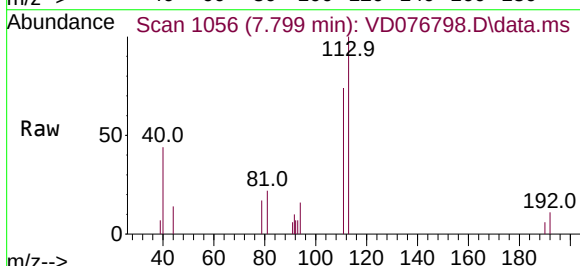
Tgt Ion:113 Resp: 6748

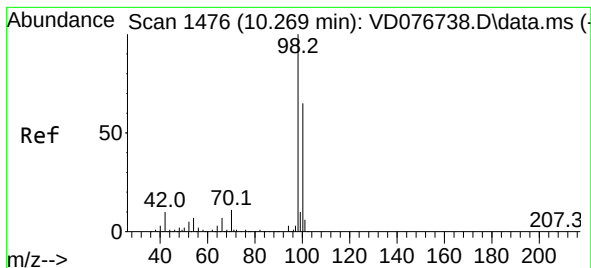
Ion Ratio Lower Upper

113 100

111 94.3 84.7 127.1

192 17.7 16.8 25.2





#50

Toluene-d8

Concen: 53.593 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076798.D

Acq: 19 Jul 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

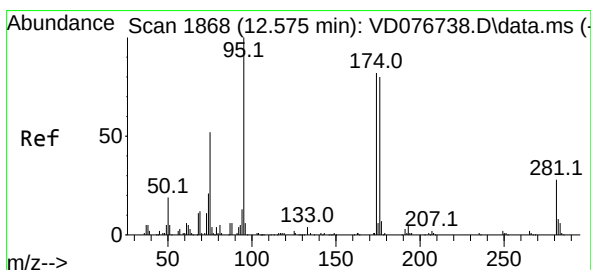
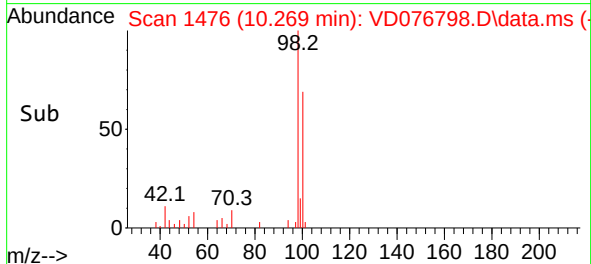
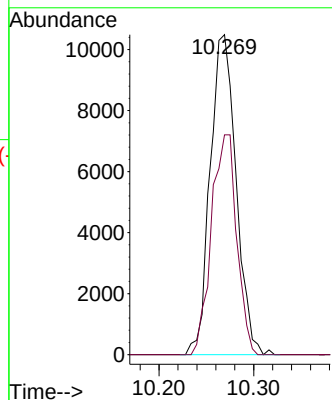
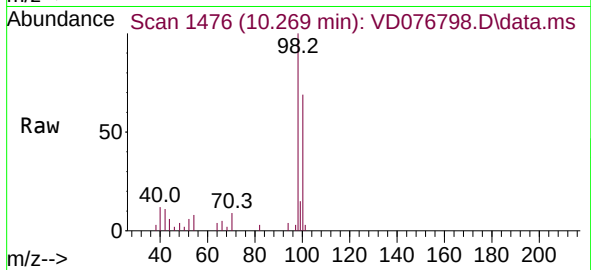
MARION-COMPRE

Tgt Ion: 98 Resp: 19926

Ion Ratio Lower Upper

98 100

100 67.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 51.605 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076798.D

Acq: 19 Jul 2023 18:42

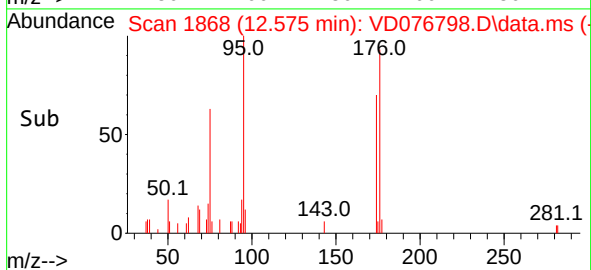
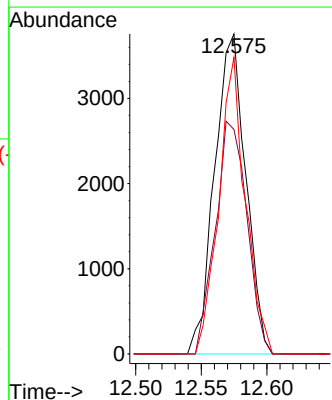
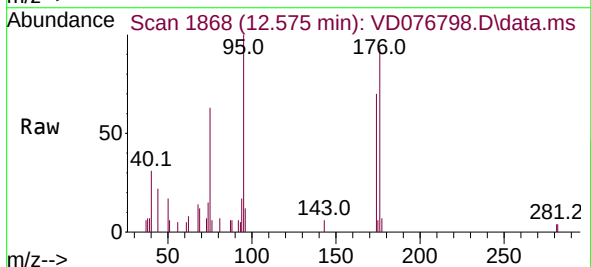
Tgt Ion: 95 Resp: 6207

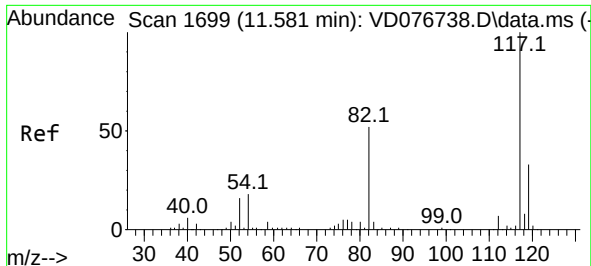
Ion Ratio Lower Upper

95 100

174 73.5 0.0 201.8

176 79.0 0.0 191.8

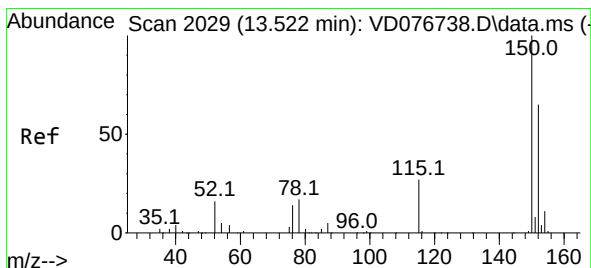
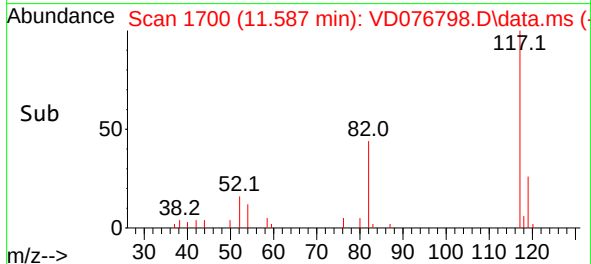
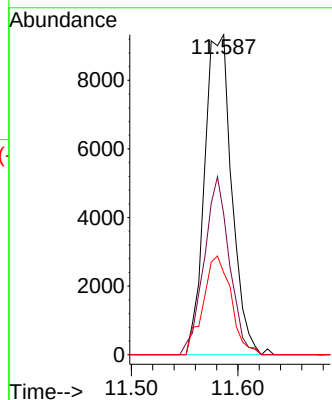
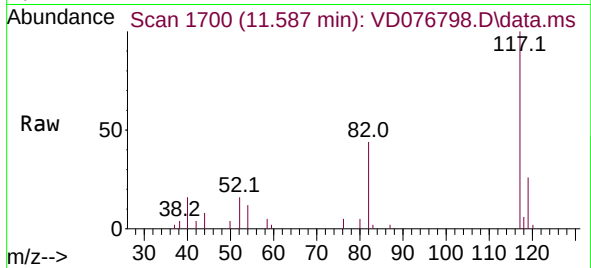




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076798.D
Acq: 19 Jul 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
MARION-COMPRES

Tgt Ion:117 Resp: 16619
Ion Ratio Lower Upper
117 100
82 43.9 38.3 57.5
119 25.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076798.D
Acq: 19 Jul 2023 18:42

Tgt Ion:152 Resp: 7190
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 153.4 0.0 353.6

