

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076860.D
 Acq On : 28 Jul 2023 17:49
 Operator : KP/SY
 Sample : 03810-07
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15B

Quant Time: Jul 29 00:17:03 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)

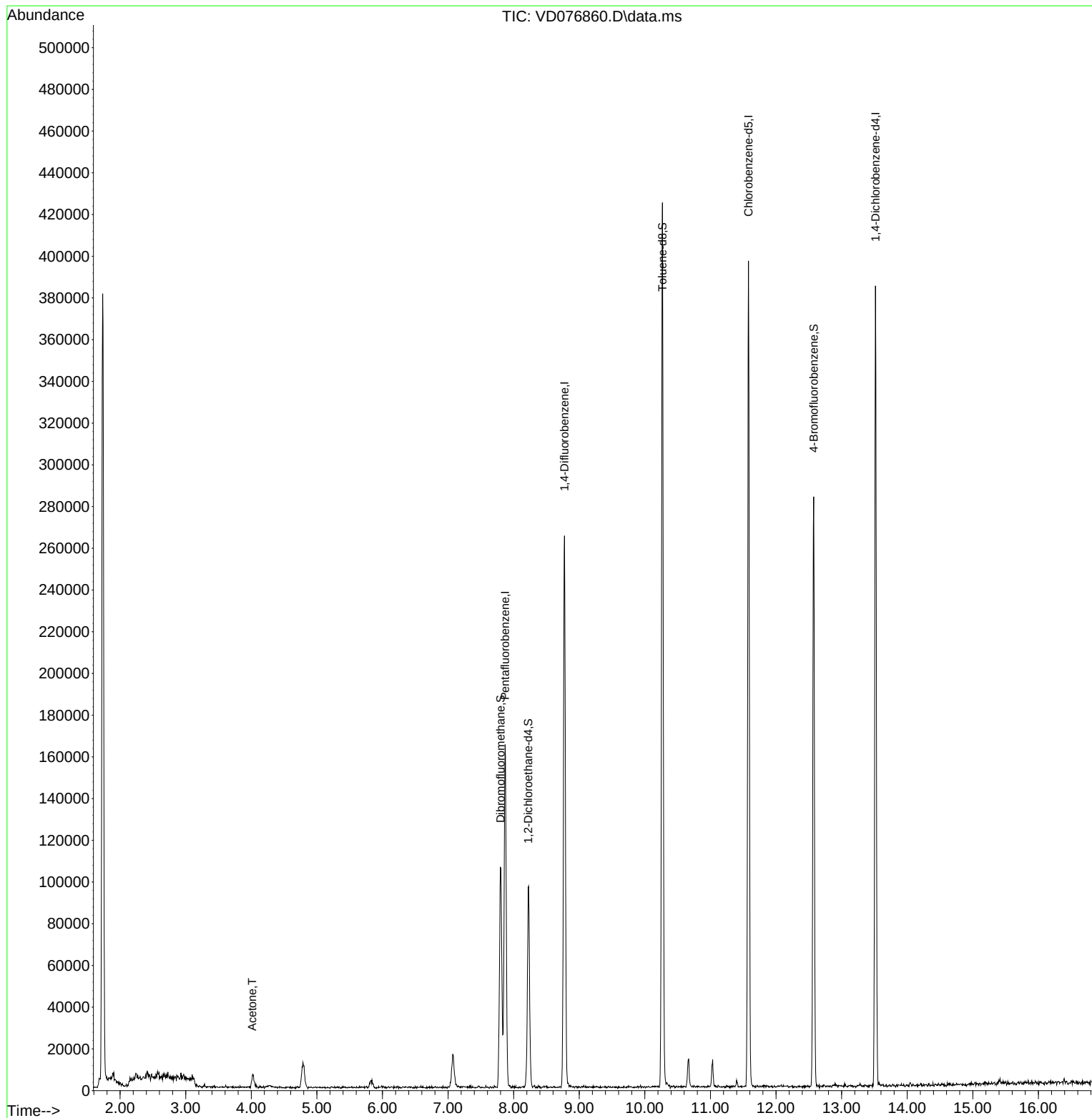
Internal Standards						
1) Pentafluorobenzene	7.869	168	122460	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	243100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	71458	58.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.160%
35) Dibromofluoromethane	7.798	113	79872	52.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.269	98	290248	53.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.575	95	88980	50.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.660%
Target Compounds						
16) Acetone	4.016	43	10479	35.973	ug/l	# 71

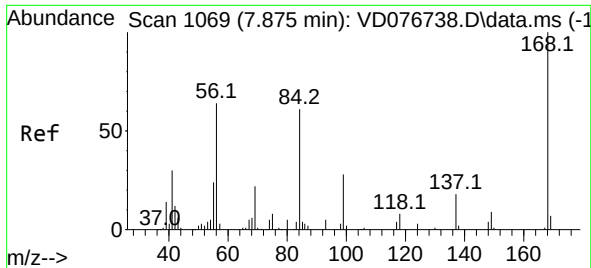
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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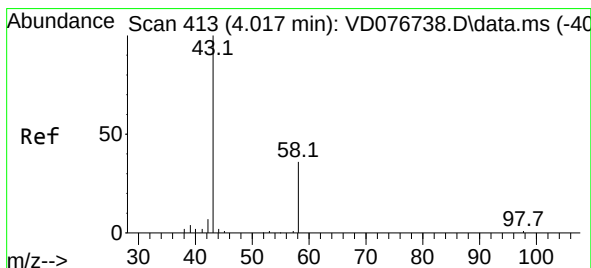
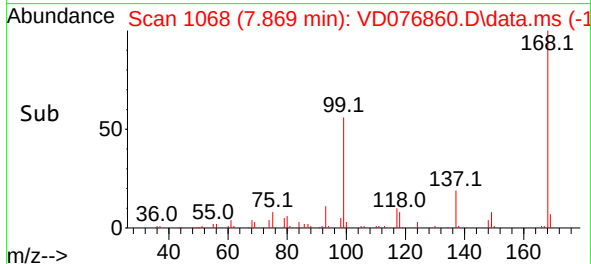
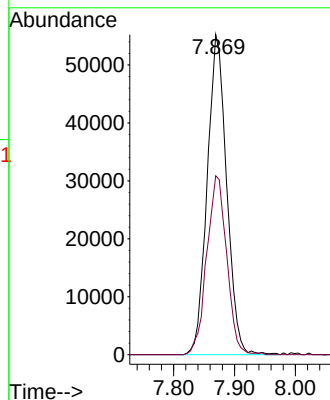
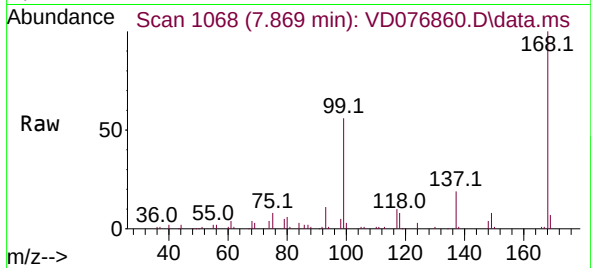




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

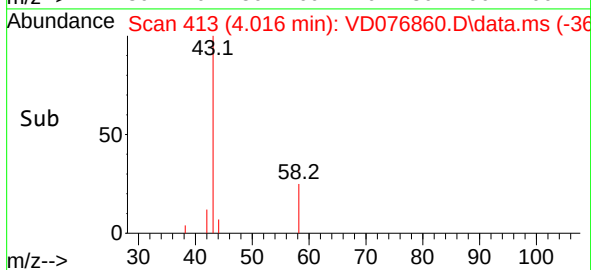
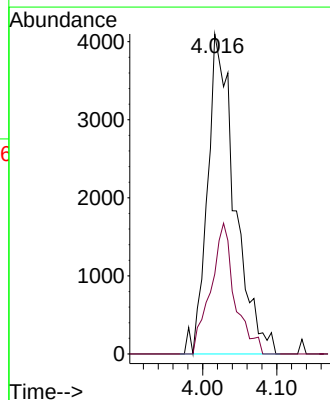
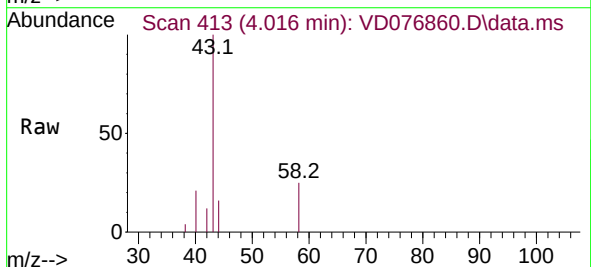
Instrument :
MSVOA_D
ClientSampleId :
B-P15B

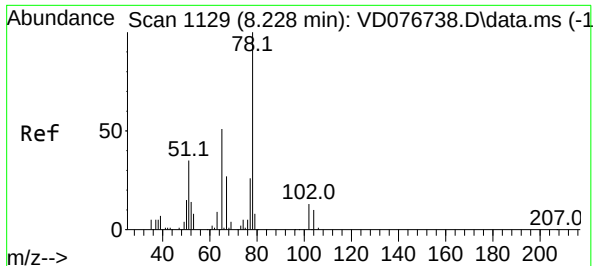
Tgt Ion:168 Resp: 122460
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#



#16
Acetone
Concen: 35.973 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

Tgt Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 24.9 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 58.585 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076860.D

Acq: 28 Jul 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

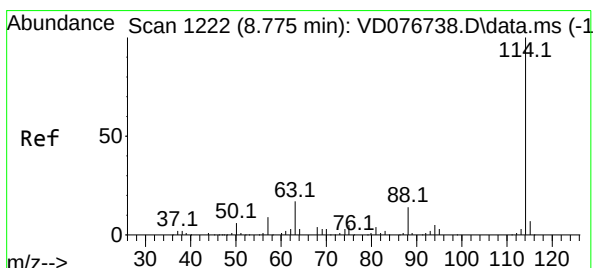
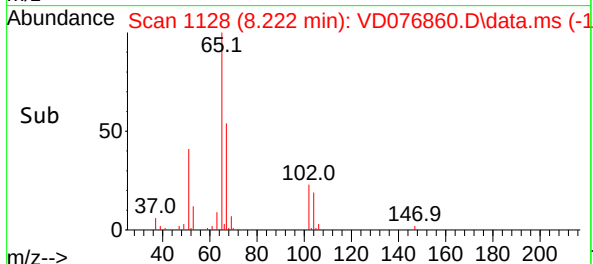
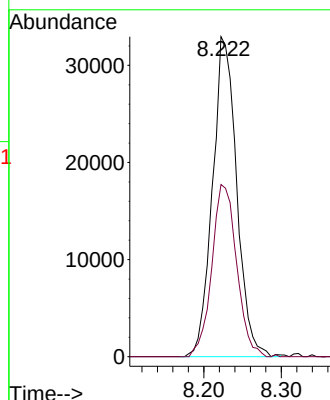
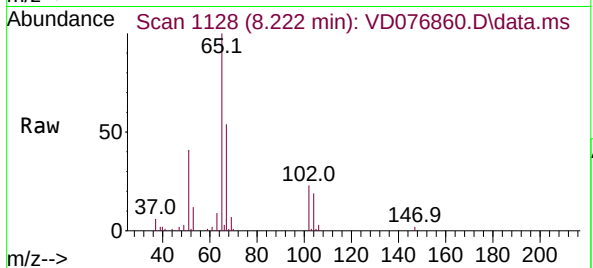
B-P15B

Tgt Ion: 65 Resp: 71458

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# 1222

Delta R.T. -0.000 min

Lab File: VD076860.D

Acq: 28 Jul 2023 17:49

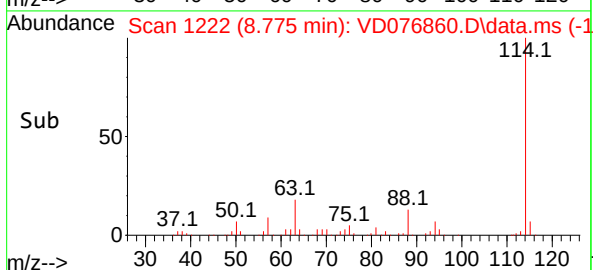
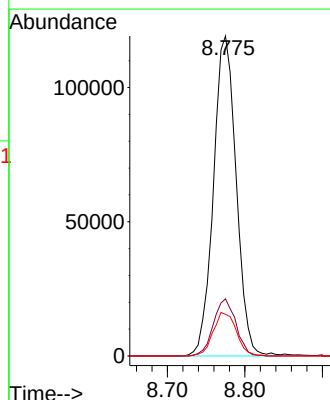
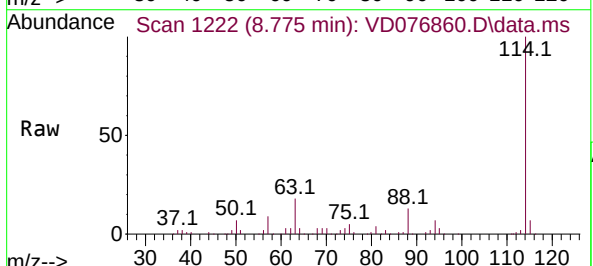
Tgt Ion: 114 Resp: 243100

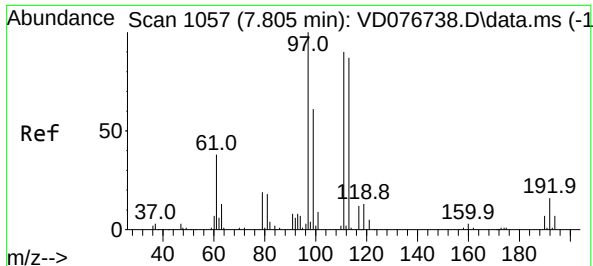
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.284 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076860.D

Acq: 28 Jul 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

B-P15B

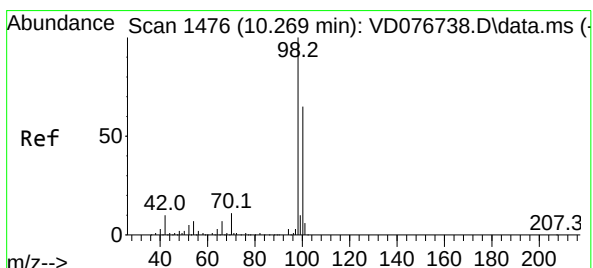
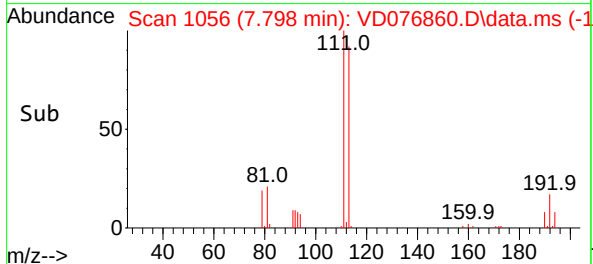
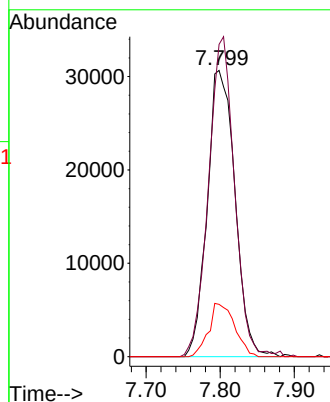
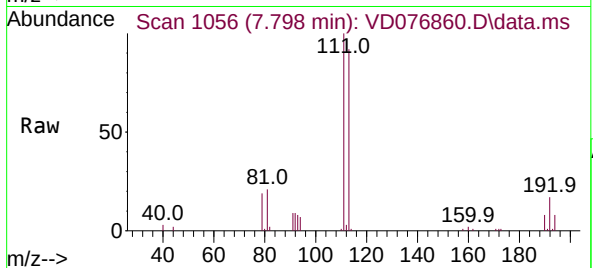
Tgt Ion:113 Resp: 79872

Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 17.4 16.8 25.2



#50

Toluene-d8

Concen: 53.110 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076860.D

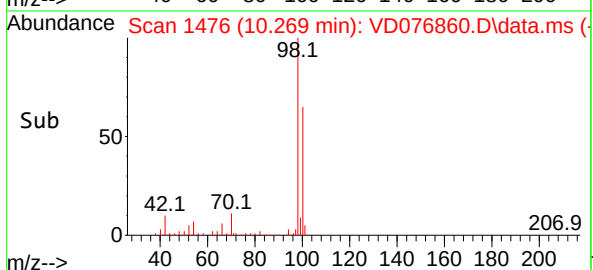
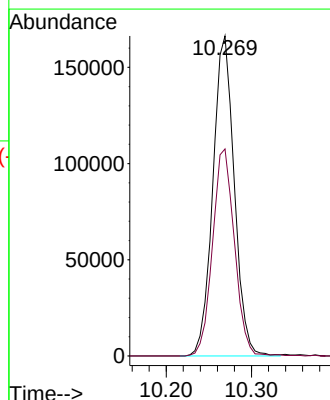
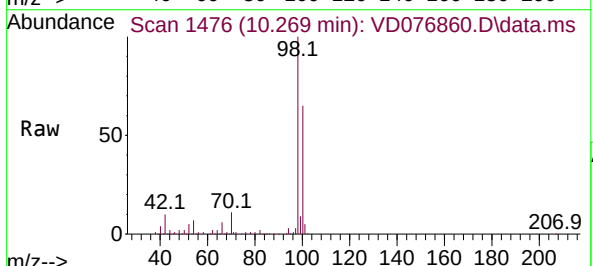
Acq: 28 Jul 2023 17:49

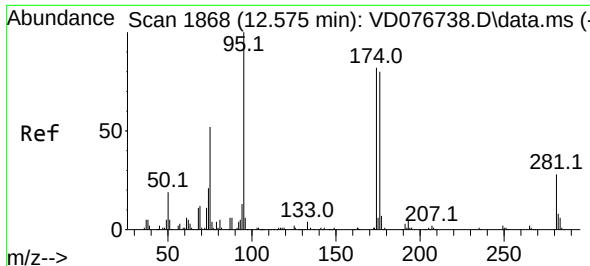
Tgt Ion: 98 Resp: 290248

Ion Ratio Lower Upper

98 100

100 66.2 50.3 75.5

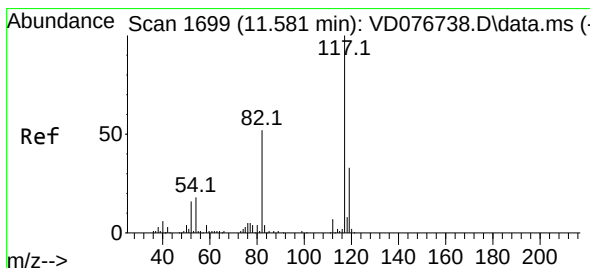
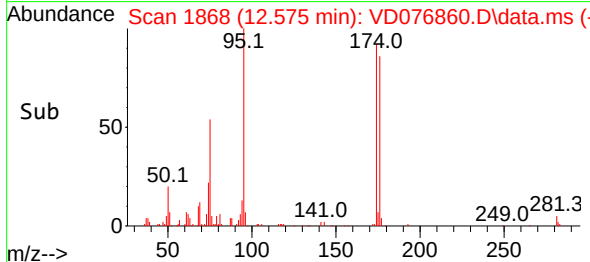
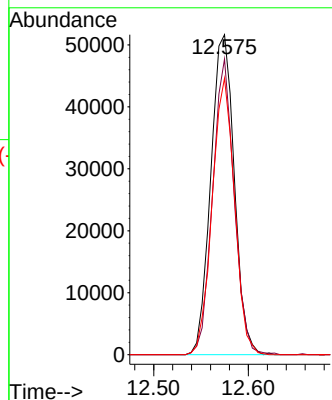
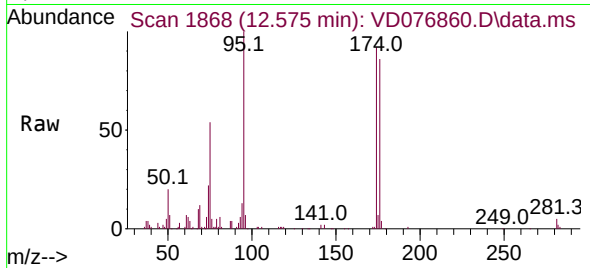




#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

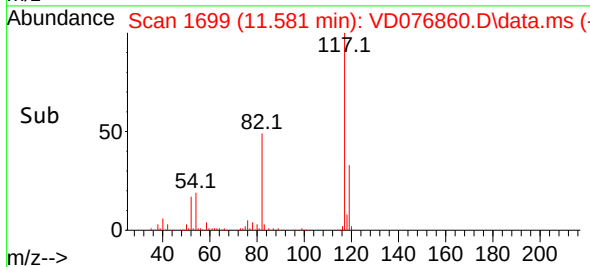
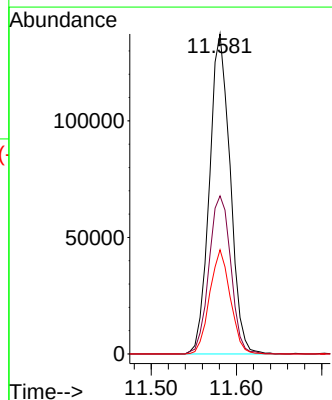
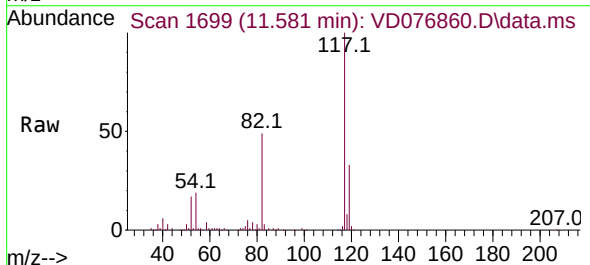
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MSVOA_D
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B-P15B

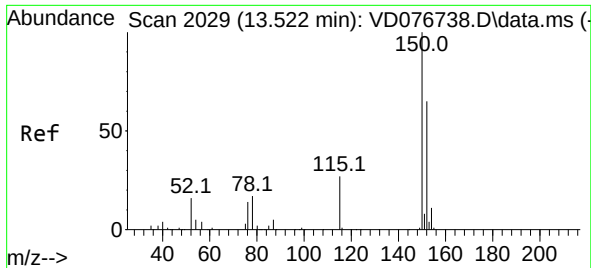
Tgt Ion: 95 Resp: 88980
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 82.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

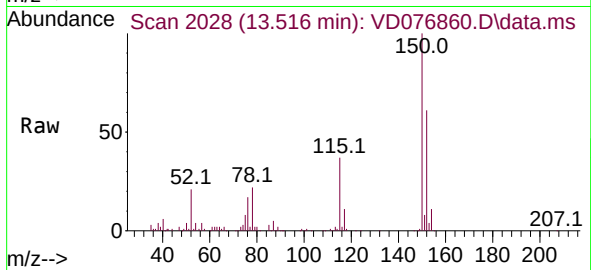
Tgt Ion: 117 Resp: 231978
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 32.6 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

Instrument :
MSVOA_D
ClientSampleId :
B-P15B



Tgt Ion:152 Resp: 101244
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 159.5 0.0 353.6

