

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075797.D
 Acq On : 24 Apr 2023 16:52
 Operator : KP/SY
 Sample : 02472-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FP-1

Quant Time: Apr 25 06:10:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	17352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	38671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16739	101.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	203.260%#
35) Dibromofluoromethane	7.810	113	16669	67.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.460%
50) Toluene-d8	10.269	98	43096	43.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.820%
62) 4-Bromofluorobenzene	12.575	95	13005	49.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.560%

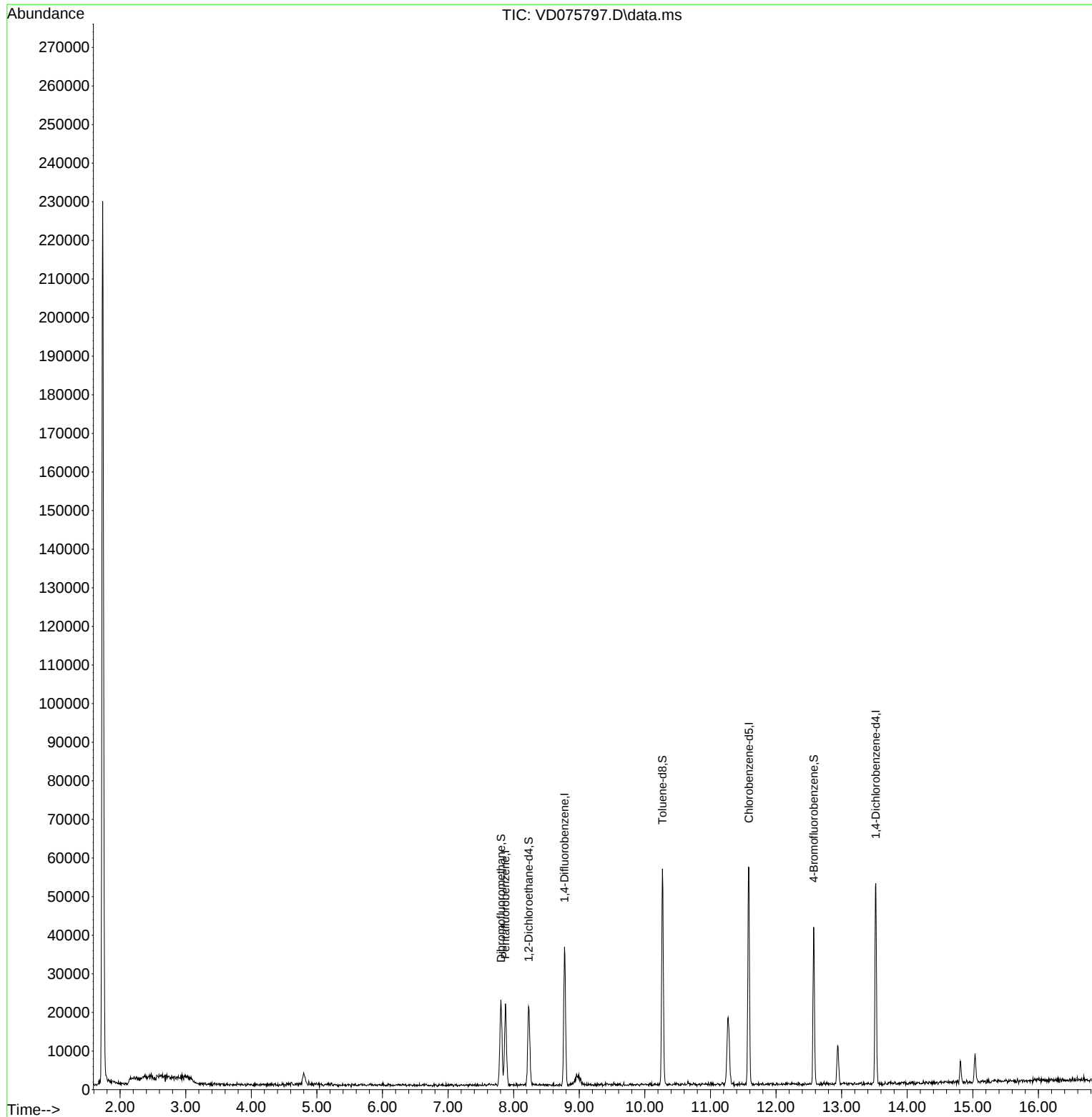
Target Compounds	Qvalue

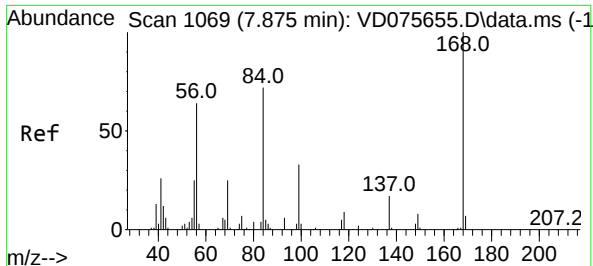
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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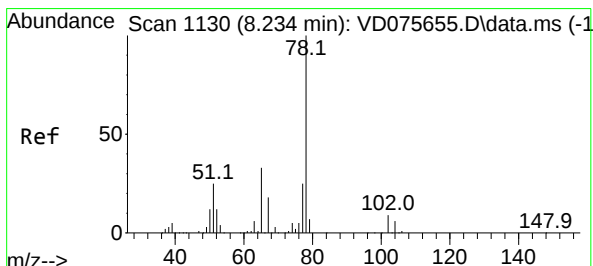
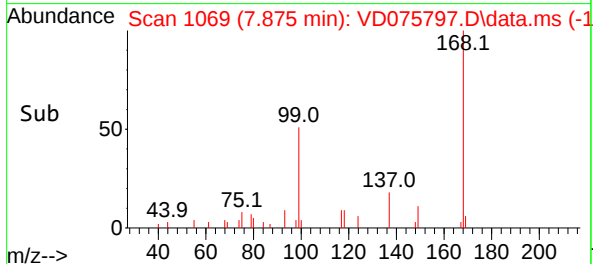
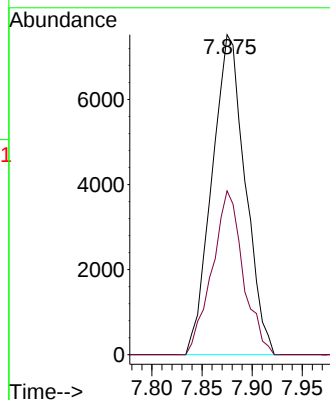
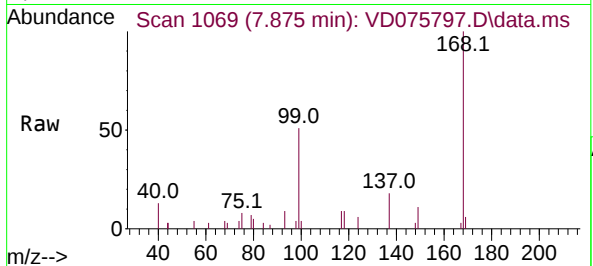




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

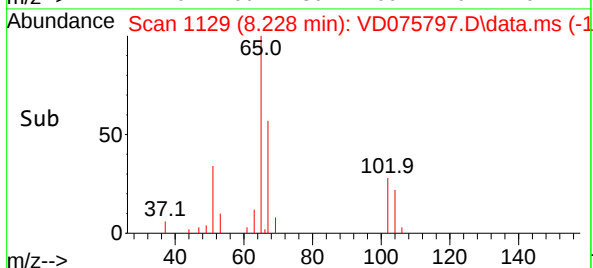
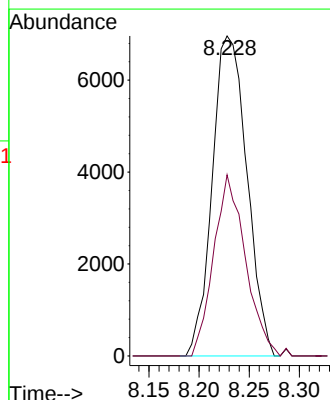
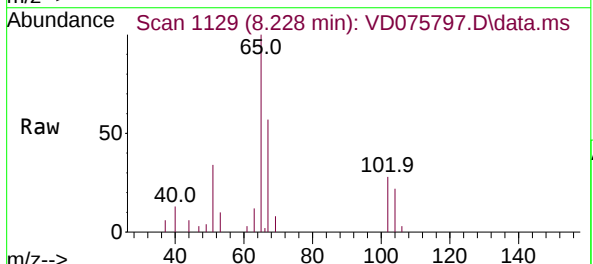
Instrument :
MSVOA_D
ClientSampleId :
FP-1

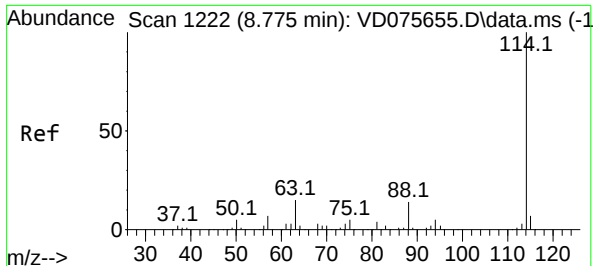
Tgt Ion:168 Resp: 17352
Ion Ratio Lower Upper
168 100
99 51.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 101.631 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

Tgt Ion: 65 Resp: 16739
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075797.D

Acq: 24 Apr 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

FP-1

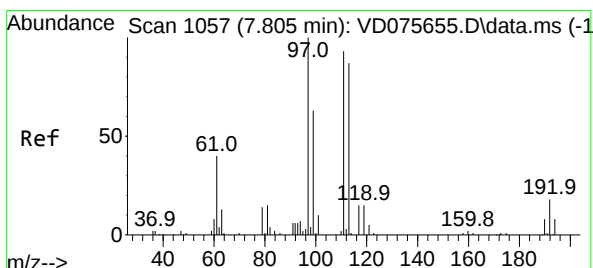
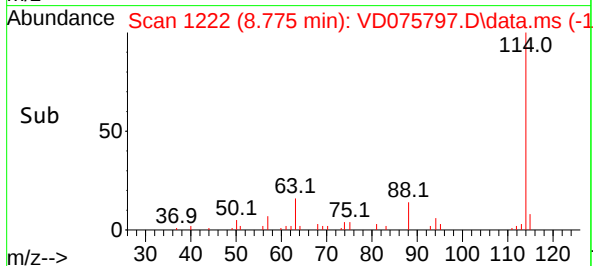
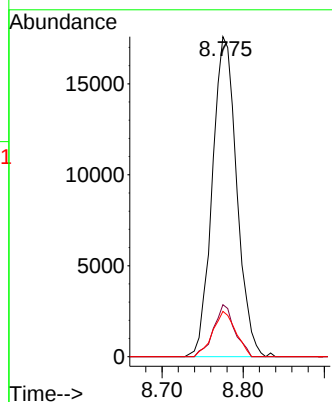
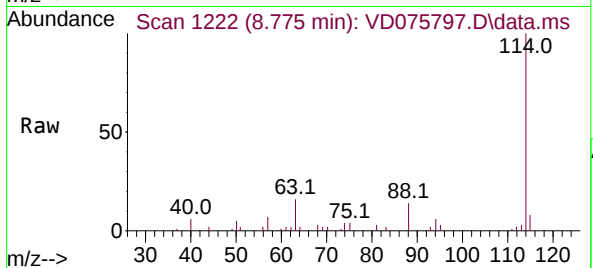
Tgt Ion:114 Resp: 36861

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 67.234 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075797.D

Acq: 24 Apr 2023 16:52

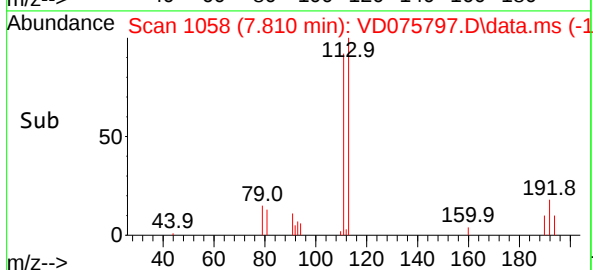
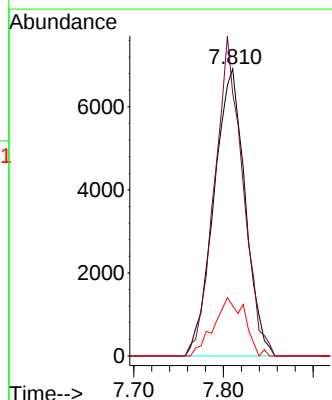
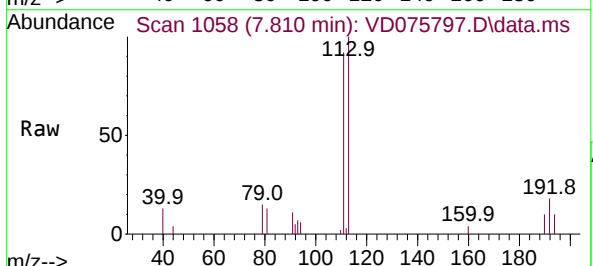
Tgt Ion:113 Resp: 16669

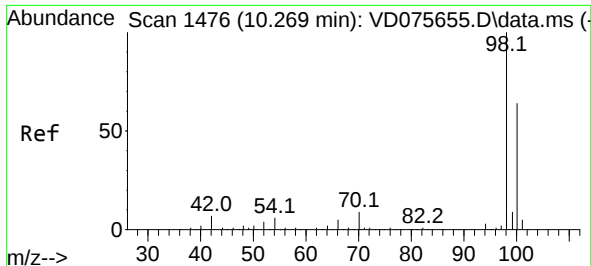
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 20.2 15.2 22.8

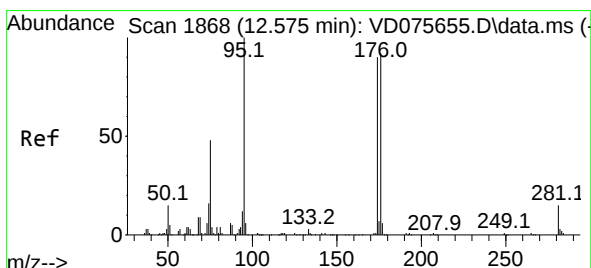
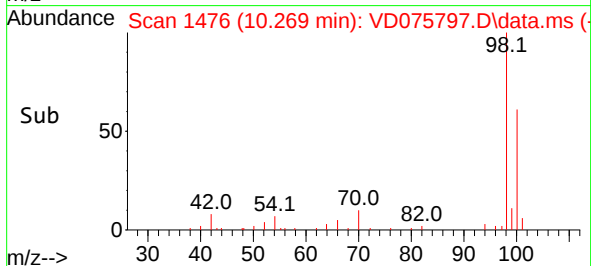
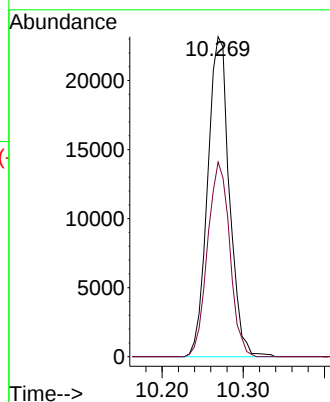
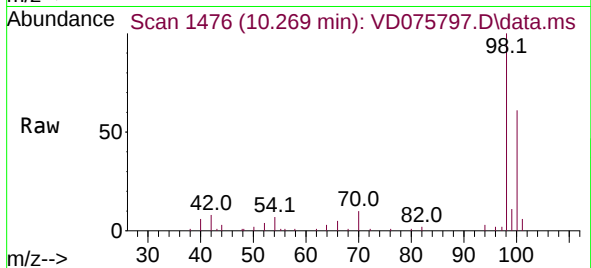




#50
Toluene-d8
Concen: 43.407 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

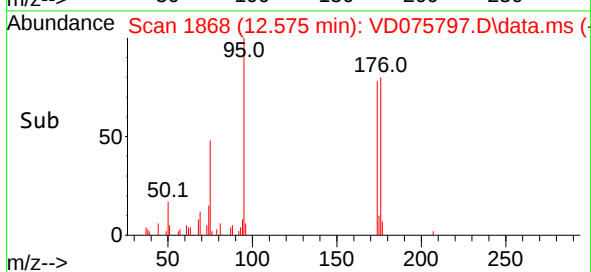
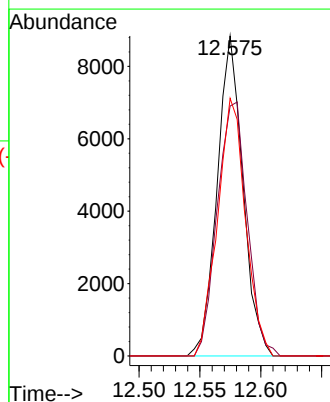
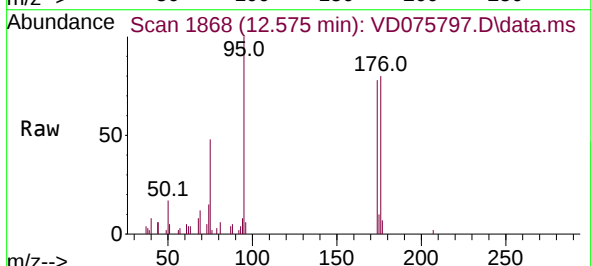
Instrument :
MSVOA_D
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FP-1

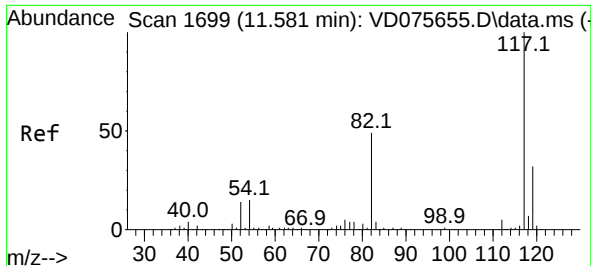
Tgt Ion: 98 Resp: 43096
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

Tgt Ion: 95 Resp: 13005
Ion Ratio Lower Upper
95 100
174 92.1 0.0 164.0
176 87.6 0.0 156.8

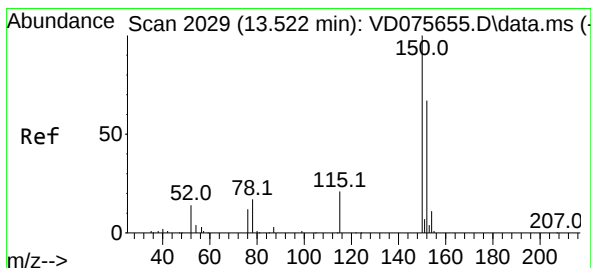
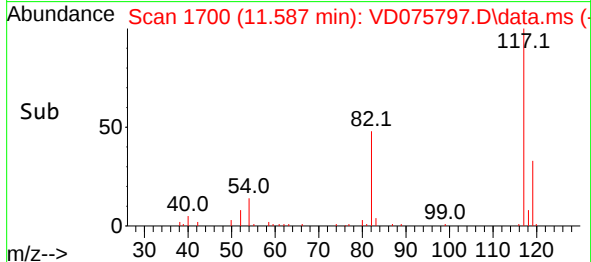
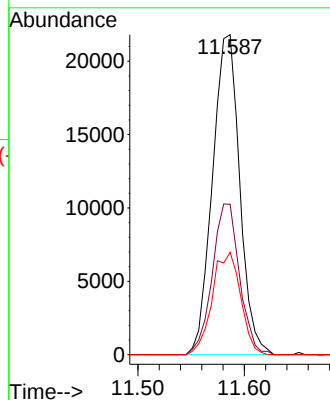
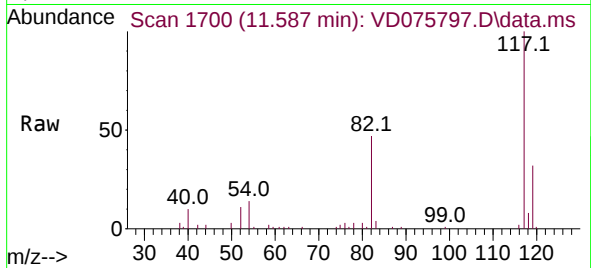




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

Instrument :
MSVOA_D
ClientSampleId :
FP-1

Tgt Ion:	117	Resp:	38671
Ion Ratio	Lower	Upper	
117	100		
82	47.0	44.0	66.0
119	32.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075797.D
Acq: 24 Apr 2023 16:52

Tgt Ion:	152	Resp:	15803
Ion Ratio	Lower	Upper	
152	100		
115	56.5	30.1	90.3
150	162.3	0.0	364.8

