

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075699.D
 Acq On : 17 Apr 2023 14:12
 Operator : KP/SY
 Sample : 02348-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-041323RE

Quant Time: Apr 18 01:17:52 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	7.881	168	16766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10073	63.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.600%
35) Dibromofluoromethane	7.810	113	13558	60.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.300%
50) Toluene-d8	10.269	98	43692	48.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.581	95	20061	83.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	167.220%#

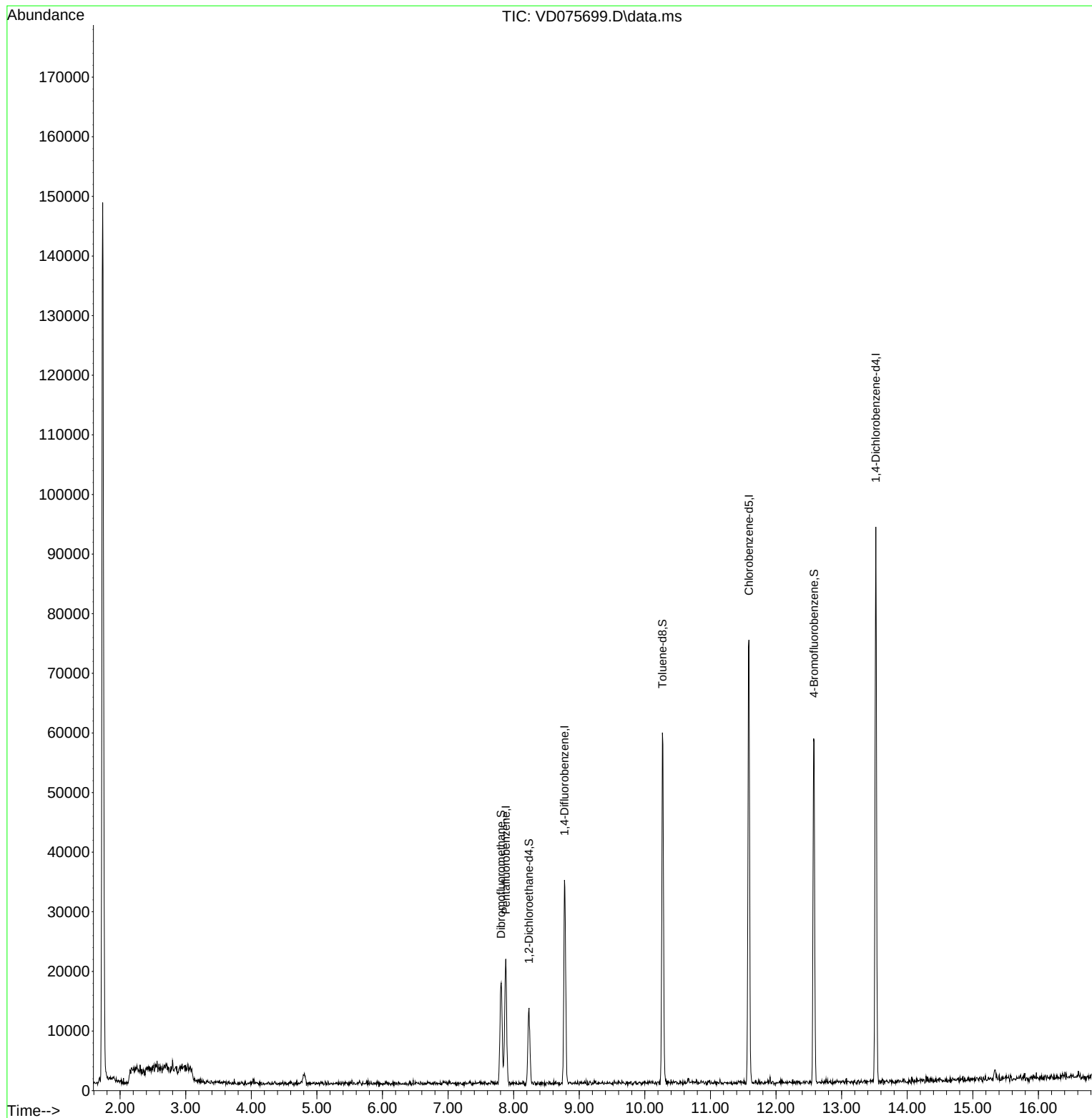
Target Compounds	Qvalue

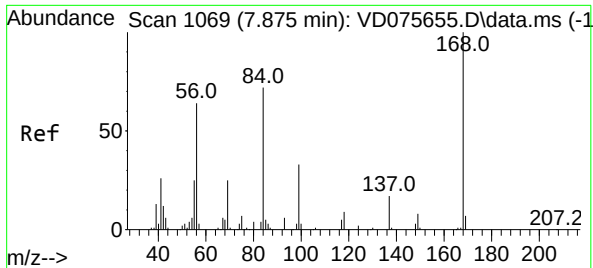
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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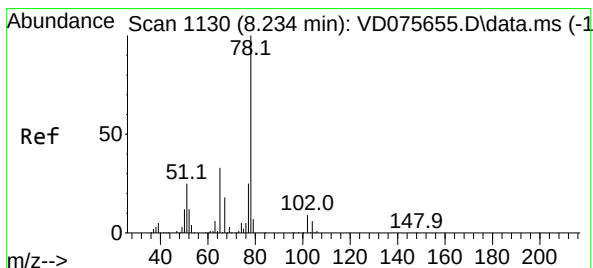
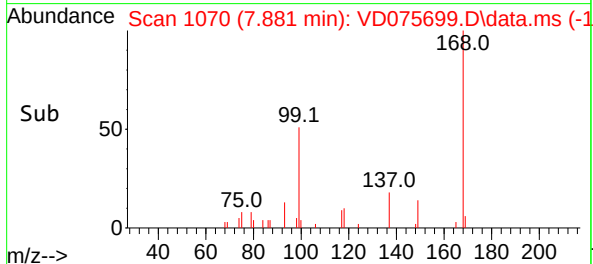
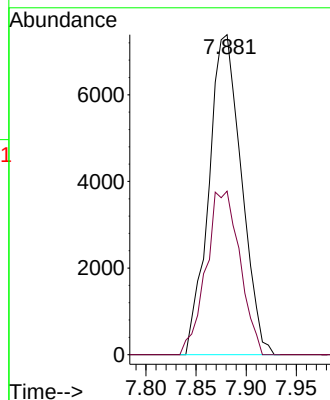
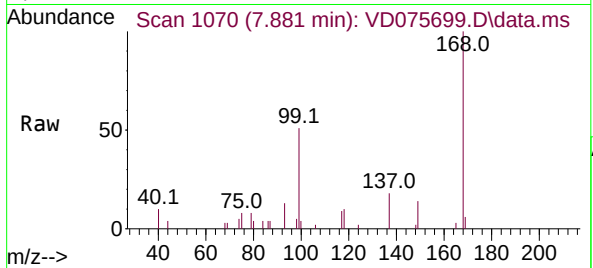




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

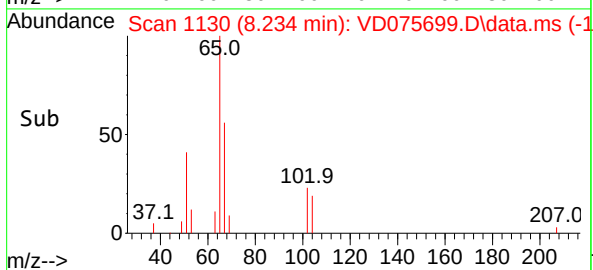
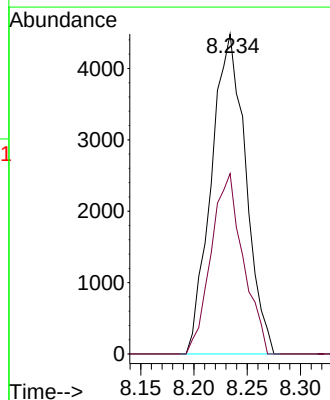
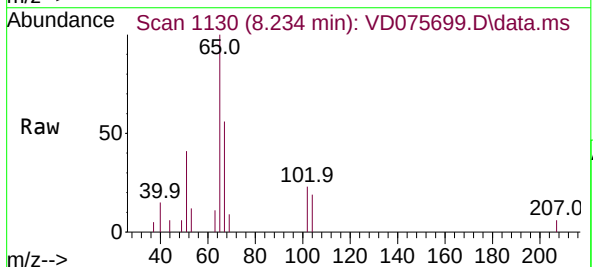
Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

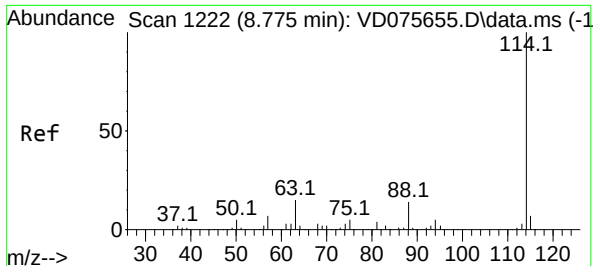
Tgt Ion:168 Resp: 16766
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 63.296 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 65 Resp: 10073
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075699.D

Acq: 17 Apr 2023 14:12

Instrument :

MSVOA_D

ClientSampleId :

TR-05-041323RE

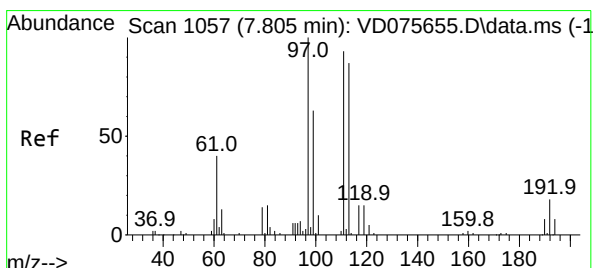
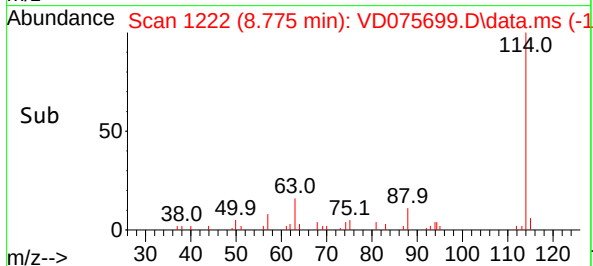
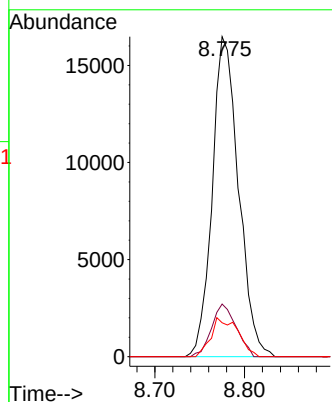
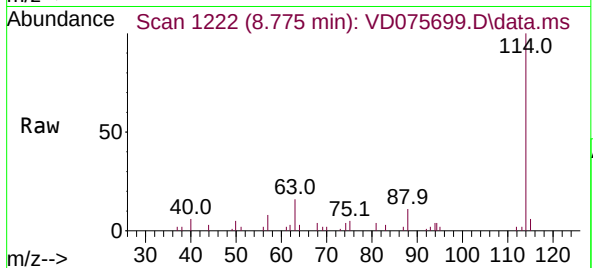
Tgt Ion:114 Resp: 33513

Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 10.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.149 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075699.D

Acq: 17 Apr 2023 14:12

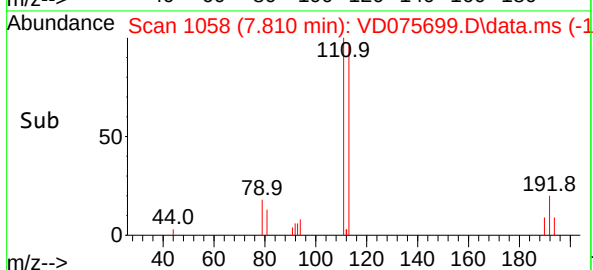
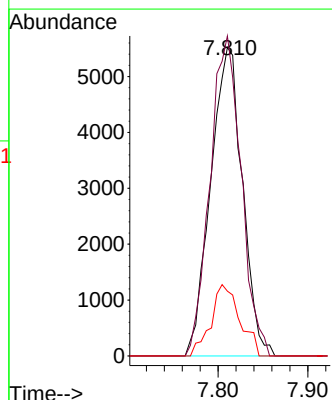
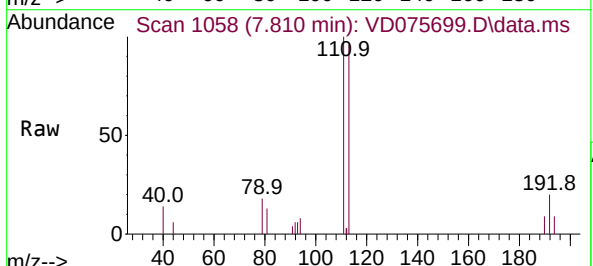
Tgt Ion:113 Resp: 13558

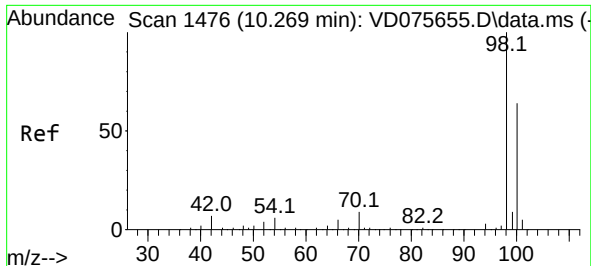
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 21.0 15.2 22.8

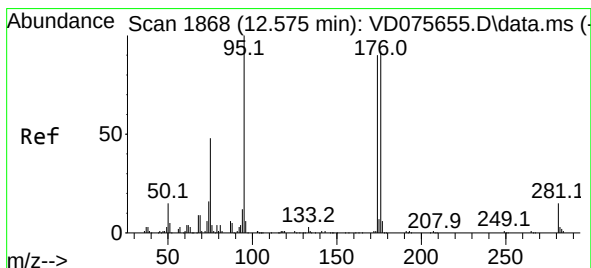
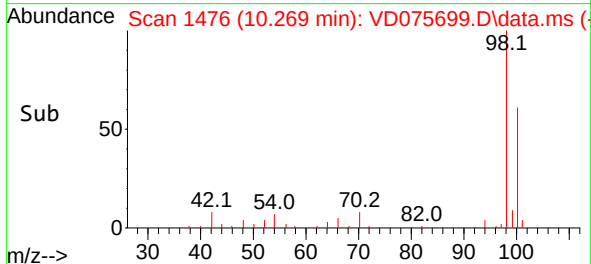
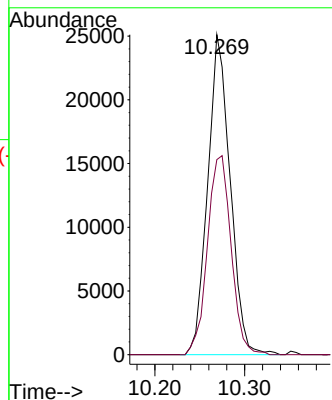
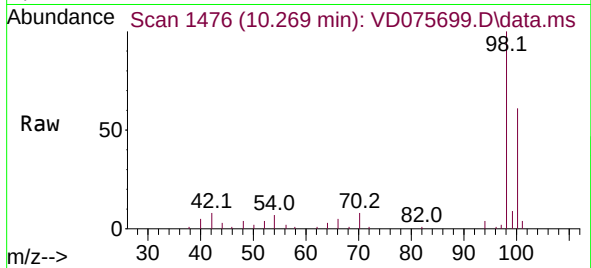




#50
Toluene-d8
Concen: 48.403 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

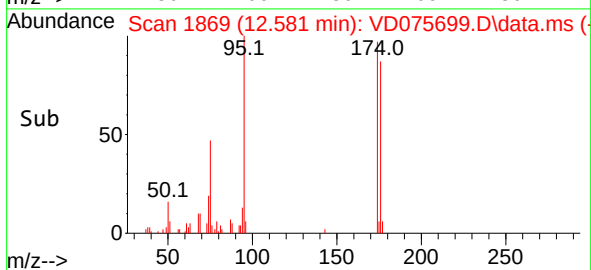
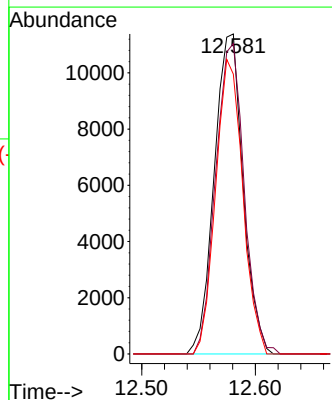
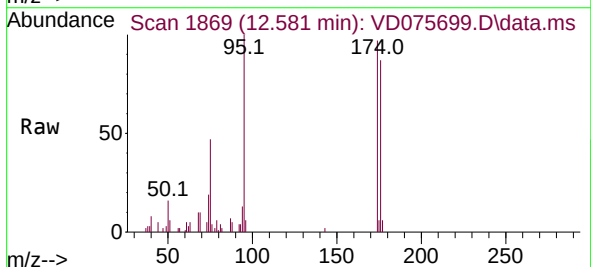
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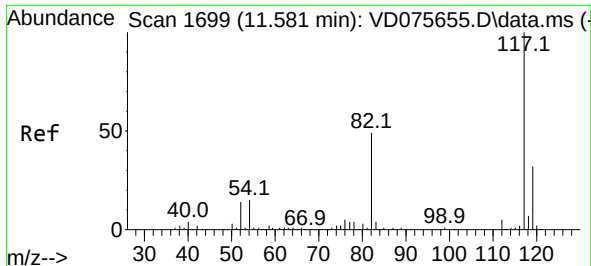
Tgt Ion: 98 Resp: 43692
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 83.613 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 95 Resp: 20061
Ion Ratio Lower Upper
95 100
174 95.9 0.0 164.0
176 86.7 0.0 156.8

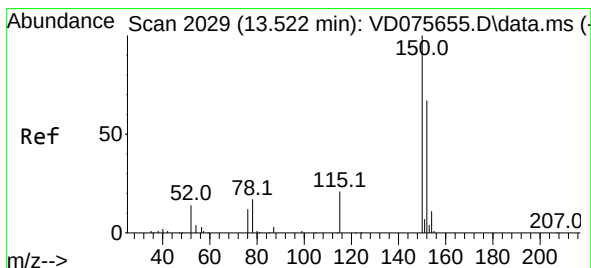
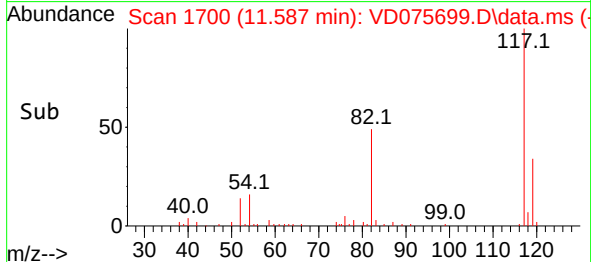
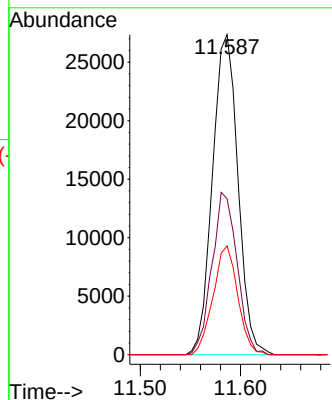
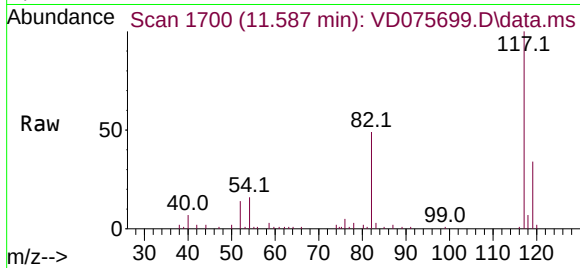




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

Tgt Ion:	117	Resp:	48285
Ion Ratio	Lower	Upper	
117	100		
82	48.7	44.0	66.0
119	34.0	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: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion:	152	Resp:	26886
Ion Ratio	Lower	Upper	
152	100		
115	53.7	30.1	90.3
150	158.2	0.0	364.8

