

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075346.D
 Acq On : 14 Feb 2023 16:34
 Operator : KP/SY
 Sample : 01555-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-2142023

Quant Time: Feb 15 03:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	111198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31723	43.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.100%
35) Dibromofluoromethane	7.805	113	33628	43.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.260%
50) Toluene-d8	10.269	98	139170	47.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.575	95	46185	47.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.740%

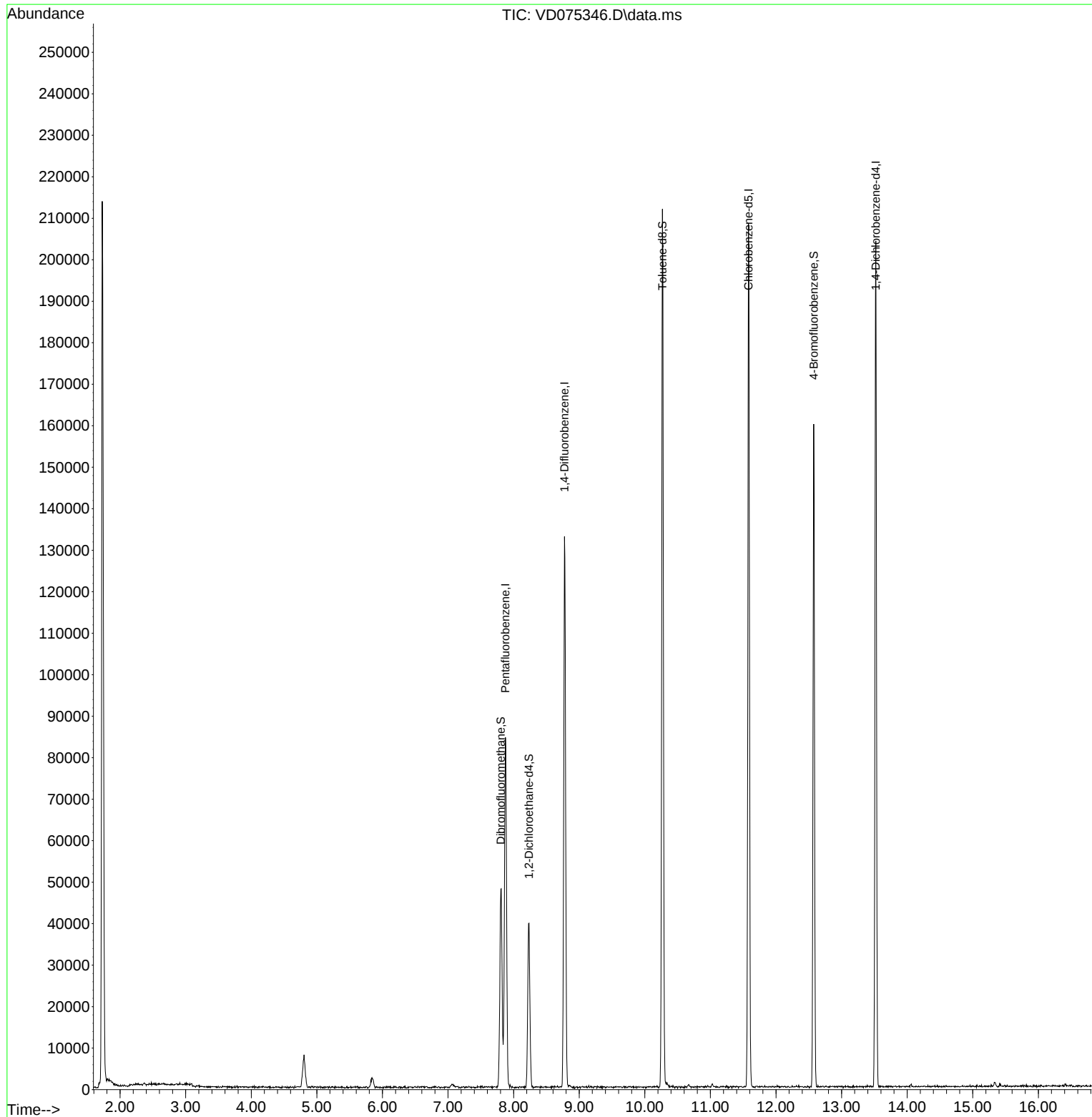
Target Compounds	Qvalue

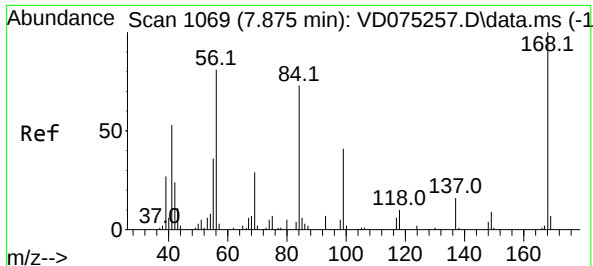
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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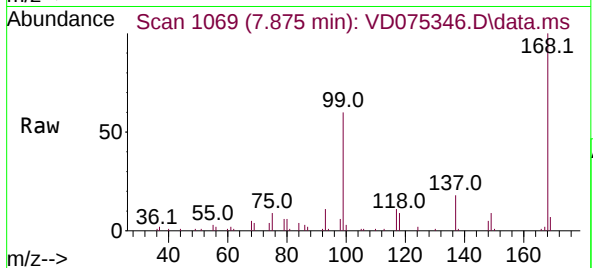
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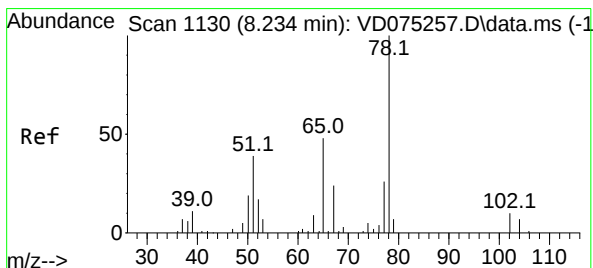
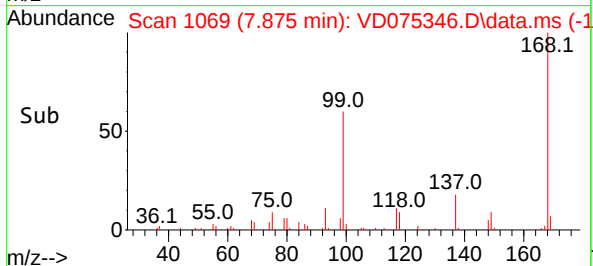
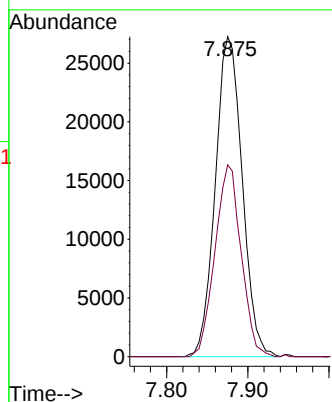


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

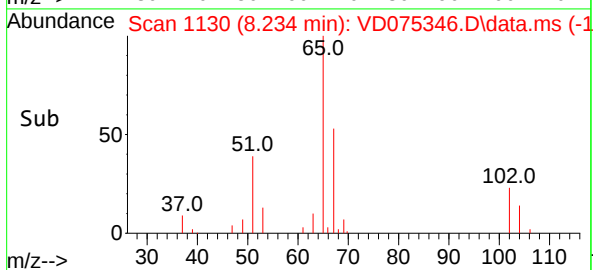
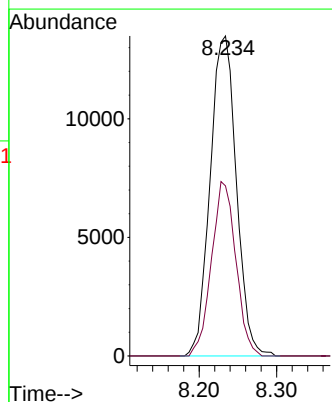
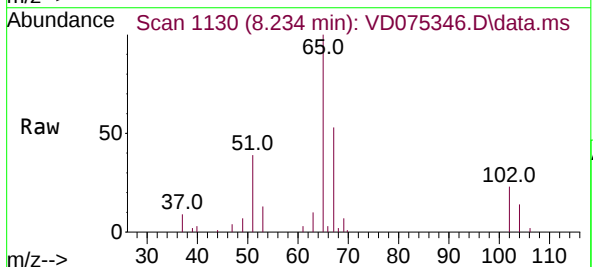


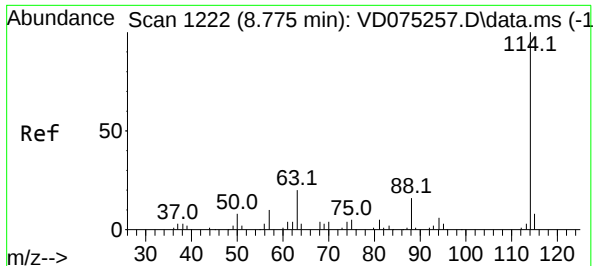
Tgt Ion:168 Resp: 62841
Ion Ratio Lower Upper
168 100
99 59.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 43.051 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 65 Resp: 31723
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 111198

Delta R.T. 0.000 min

Lab File: VD075346.D

Acq: 14 Feb 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

OR-3-2142023

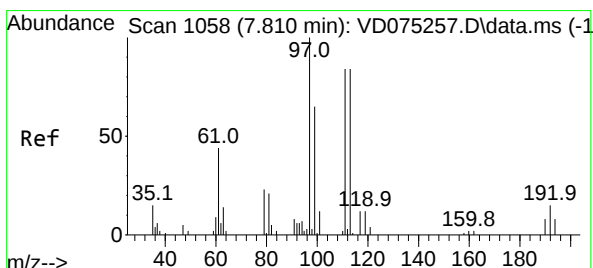
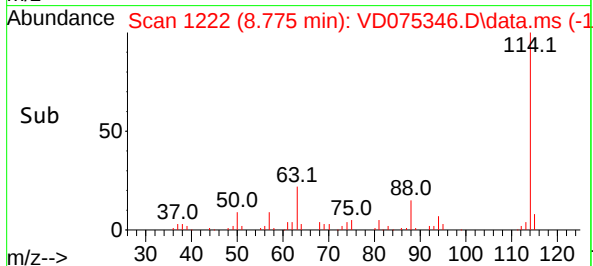
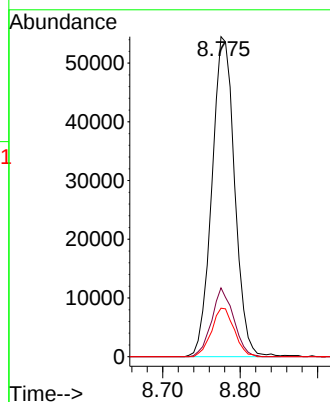
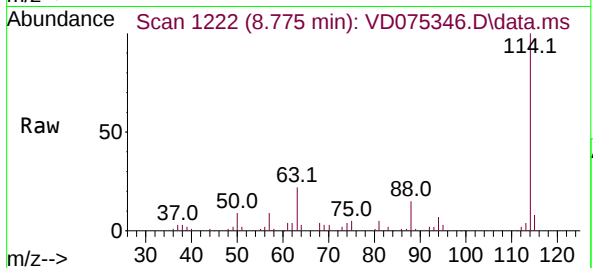
Tgt Ion:114 Resp: 111198

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.2

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 43.128 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075346.D

Acq: 14 Feb 2023 16:34

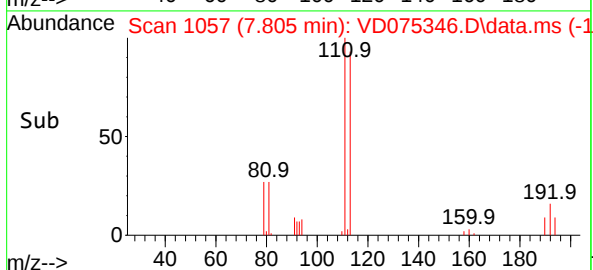
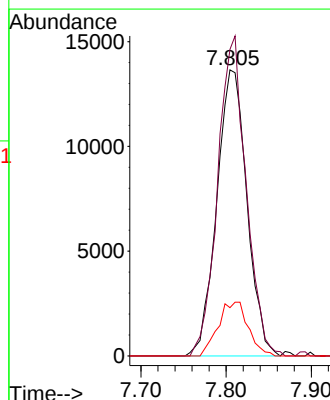
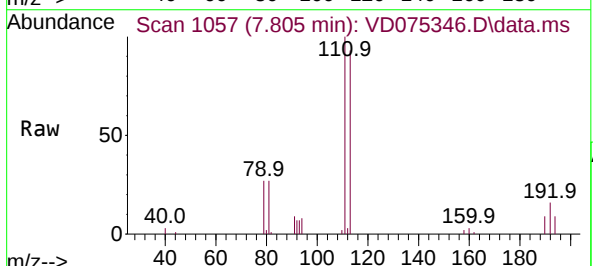
Tgt Ion:113 Resp: 33628

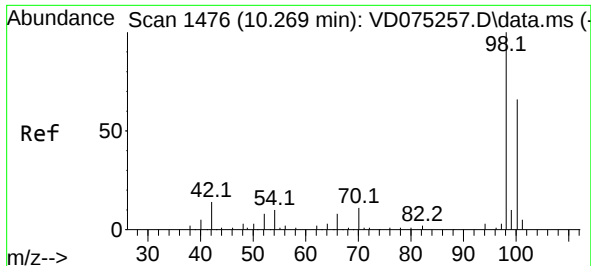
Ion Ratio Lower Upper

113 100

111 105.3 80.1 120.1

192 18.8 15.4 23.0

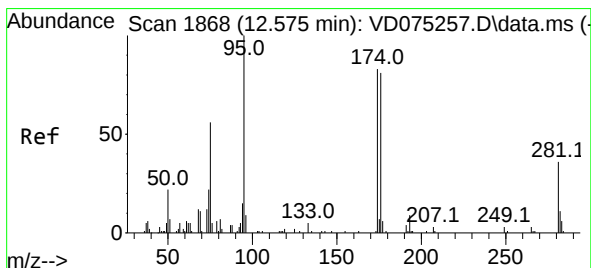
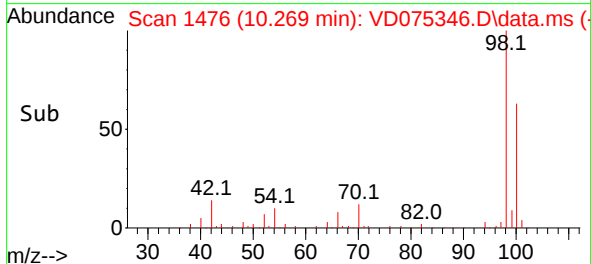
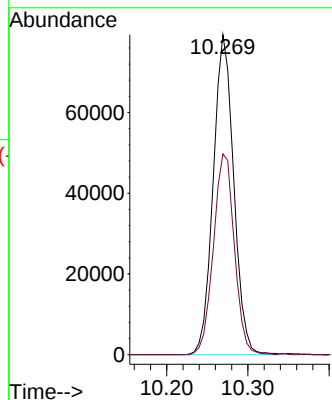
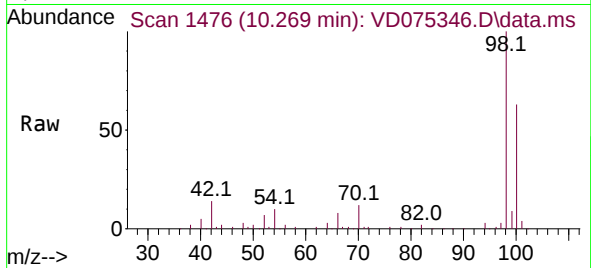




#50
Toluene-d8
Concen: 47.065 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

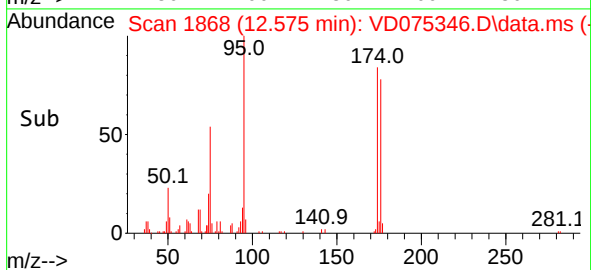
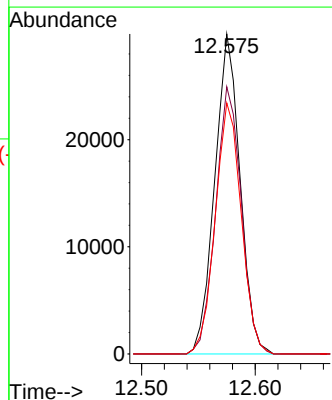
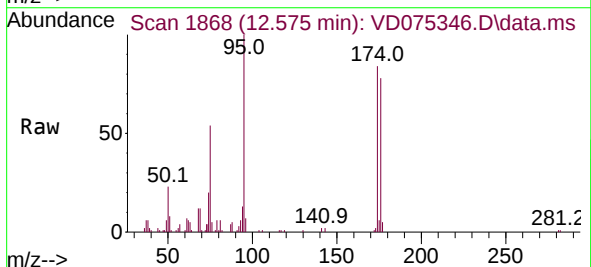
Instrument :
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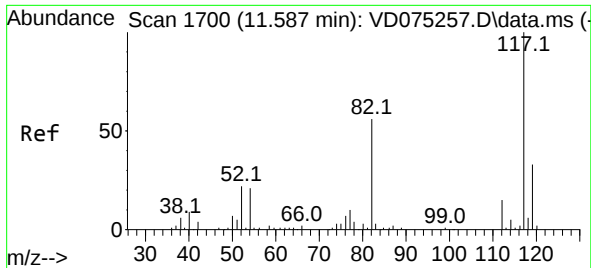
Tgt Ion: 98 Resp: 139170
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 95 Resp: 46185
Ion Ratio Lower Upper
95 100
174 84.5 0.0 161.2
176 80.7 0.0 160.2

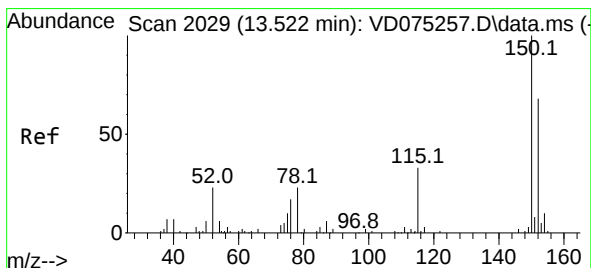
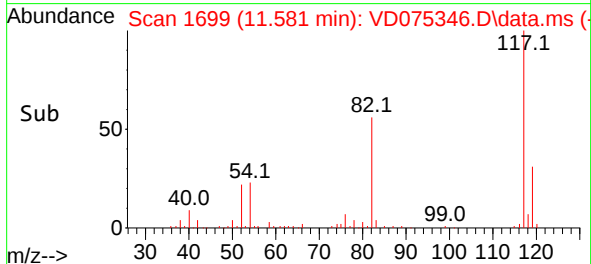
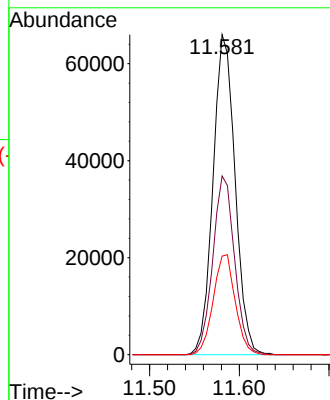
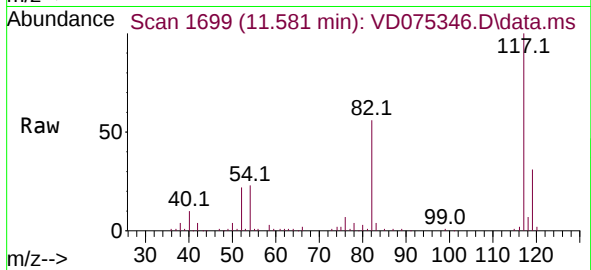




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

Tgt Ion:117 Resp: 112704
Ion Ratio Lower Upper
117 100
82 55.9 39.6 59.4
119 30.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion:152 Resp: 51444
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 155.3 0.0 348.6

