

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074806.D
 Acq On : 08 Nov 2022 16:02
 Operator : VA/SY
 Sample : N5415-12RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-25RE

Quant Time: Nov 08 16:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	9780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	18678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10030	129.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 258.980%#	
35) Dibromofluoromethane	7.811	113	9665	98.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.340%#	
50) Toluene-d8	10.269	98	20673	57.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.140%	
62) 4-Bromofluorobenzene	12.569	95	7260	70.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 140.040%	

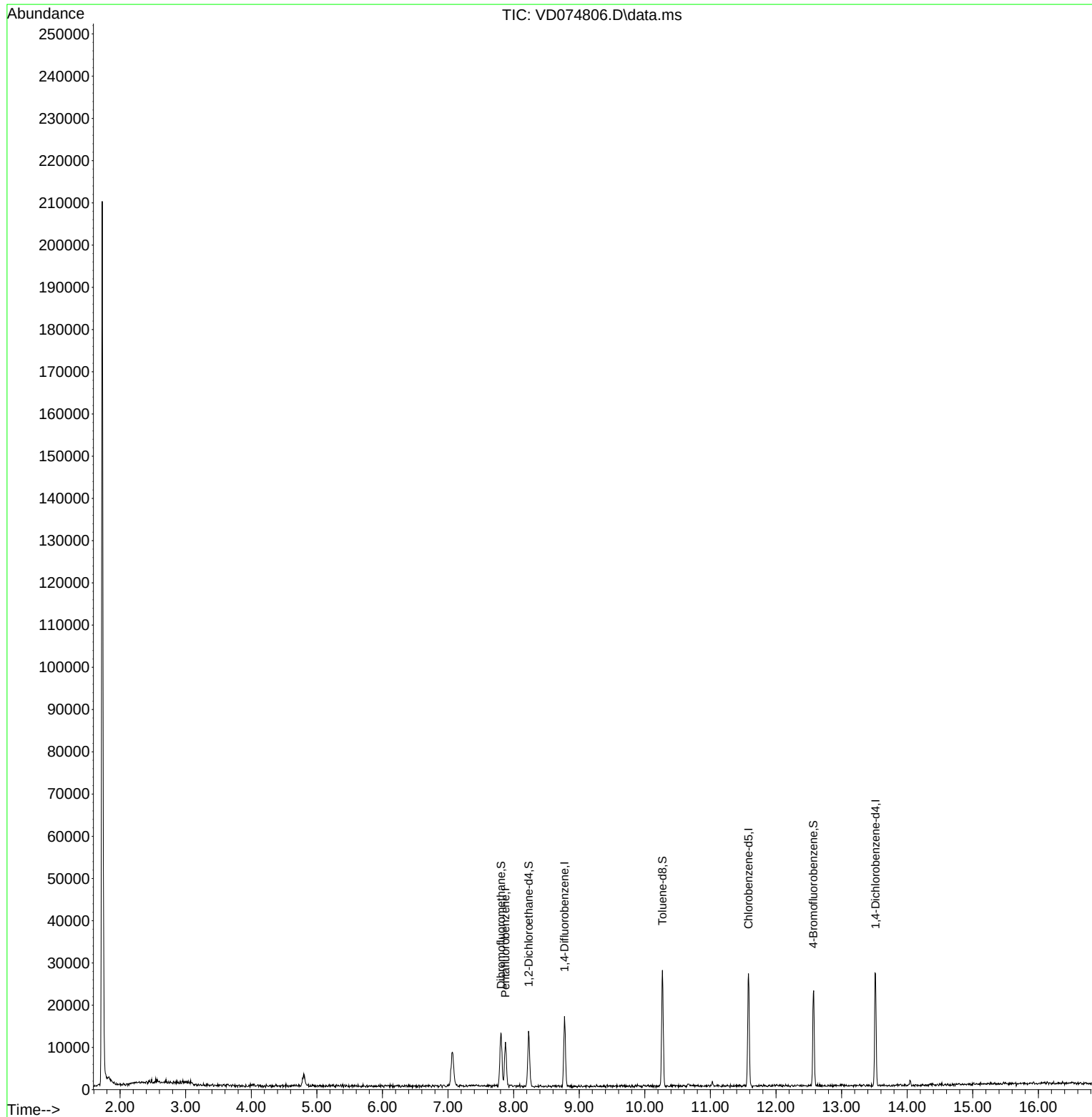
Target Compounds	Qvalue

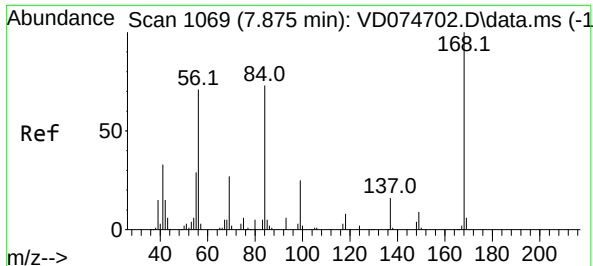
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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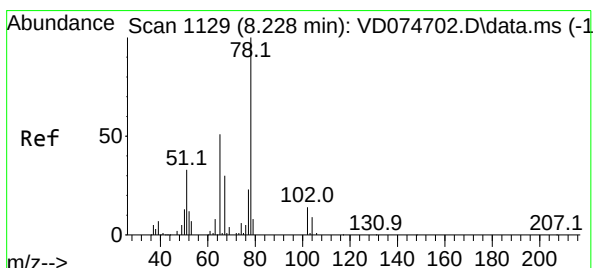
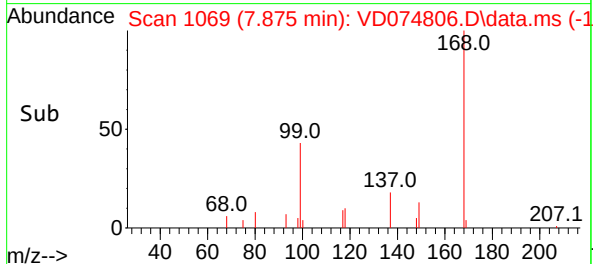
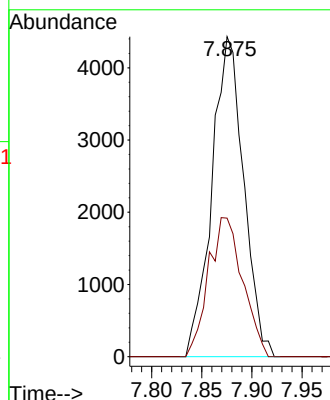
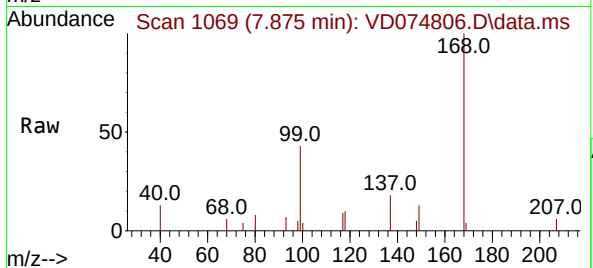




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

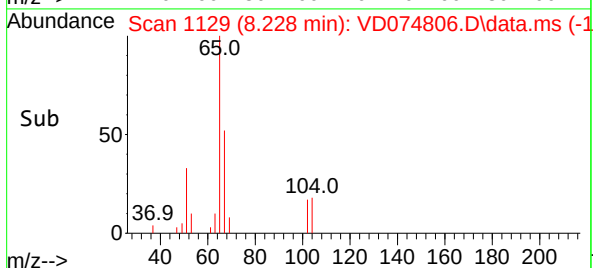
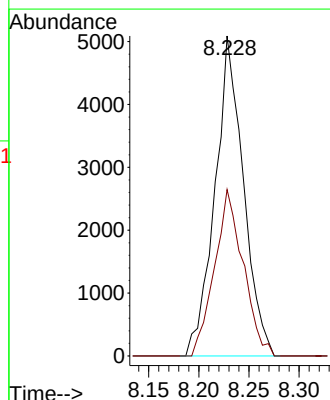
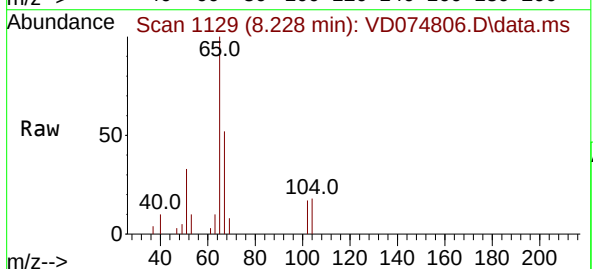
Instrument :
MSVOA_D
ClientSampleId :
R-25RE

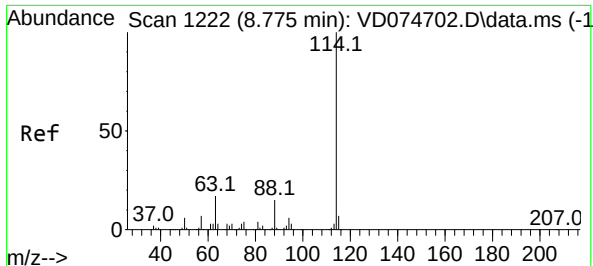
Tgt Ion:168 Resp: 9780
Ion Ratio Lower Upper
168 100
99 43.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 129.487 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion: 65 Resp: 10030
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074806.D

Acq: 08 Nov 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

R-25RE

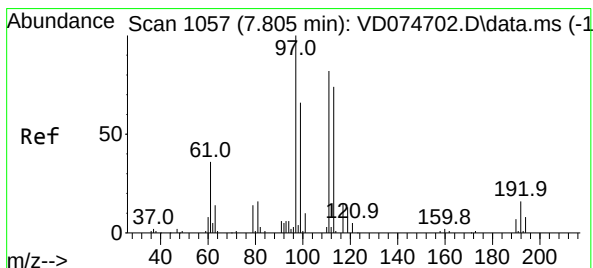
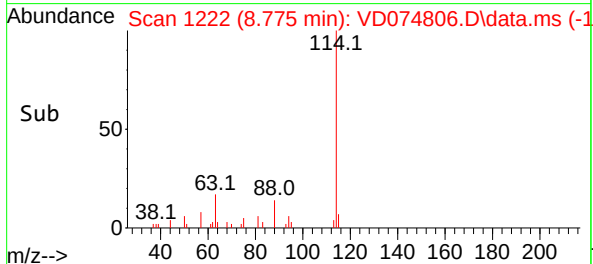
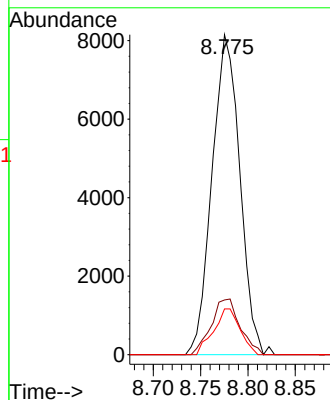
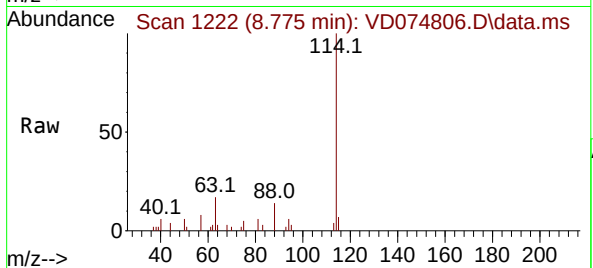
Tgt Ion:114 Resp: 16643

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 98.172 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074806.D

Acq: 08 Nov 2022 16:02

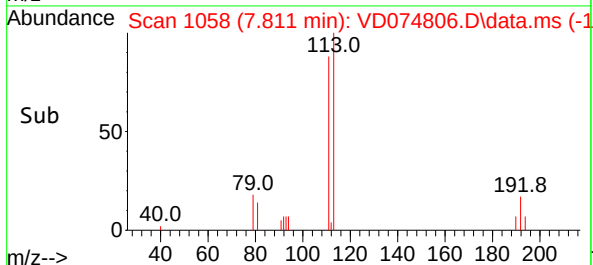
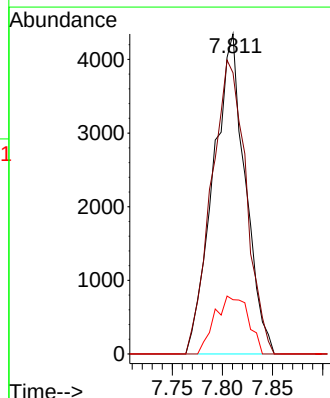
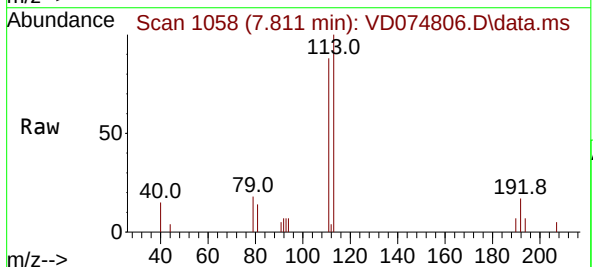
Tgt Ion:113 Resp: 9665

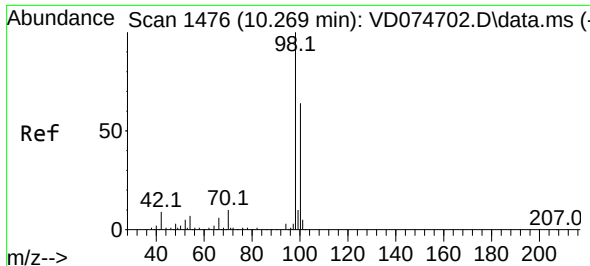
Ion Ratio Lower Upper

113 100

111 99.3 82.3 123.5

192 18.9 16.4 24.6

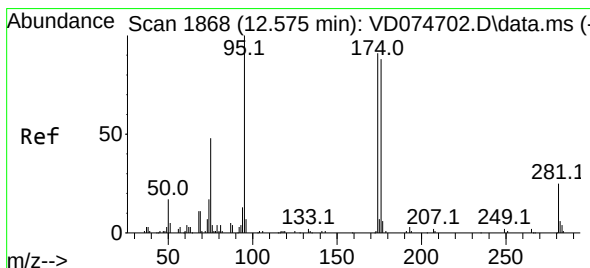
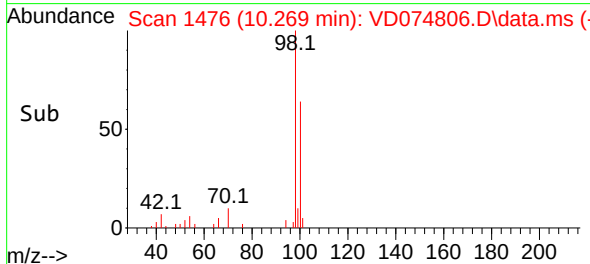
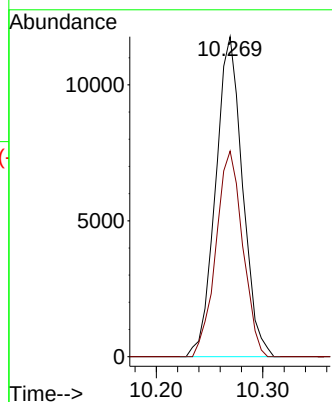
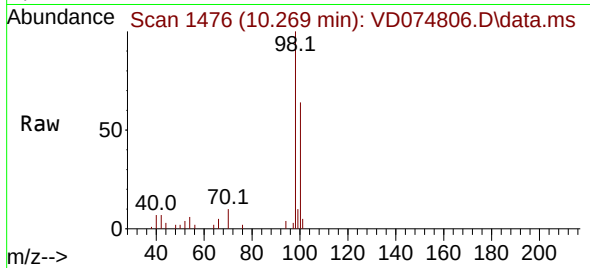




#50
Toluene-d8
Concen: 57.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

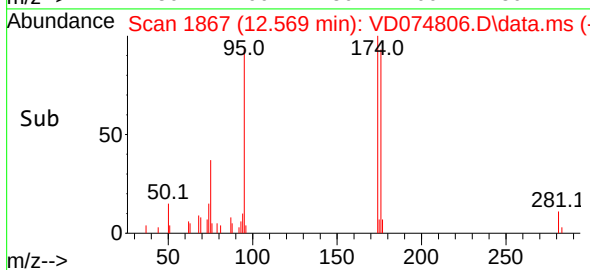
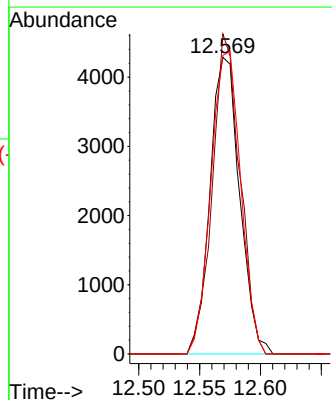
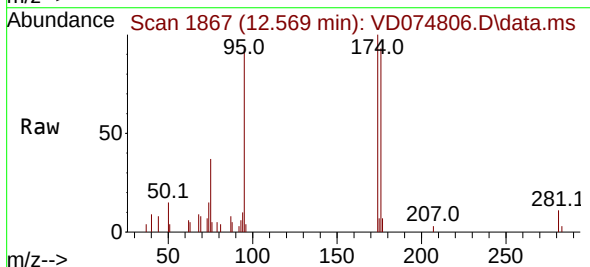
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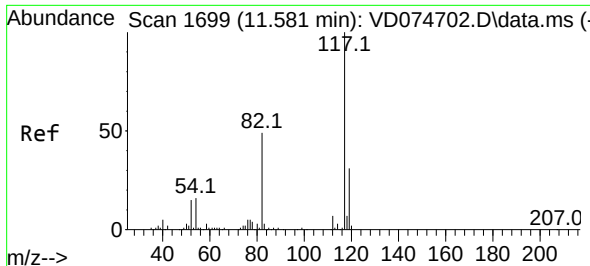
Tgt Ion: 98 Resp: 20673
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 70.017 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion: 95 Resp: 7260
Ion Ratio Lower Upper
95 100
174 100.5 0.0 197.0
176 102.6 0.0 182.6

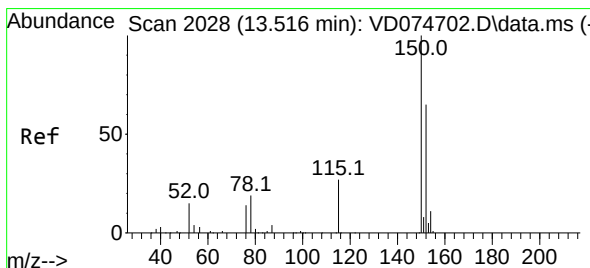
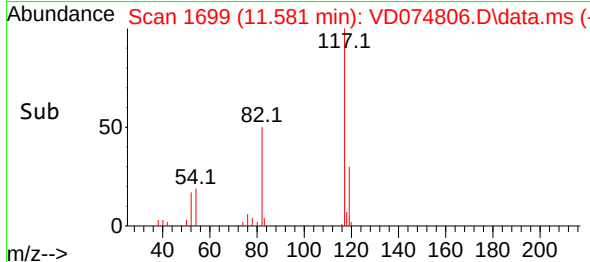
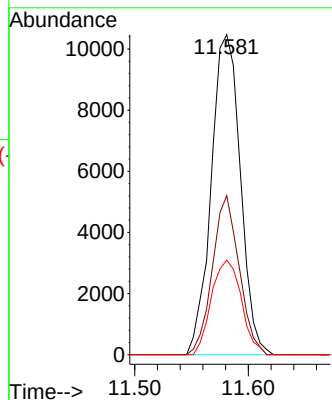
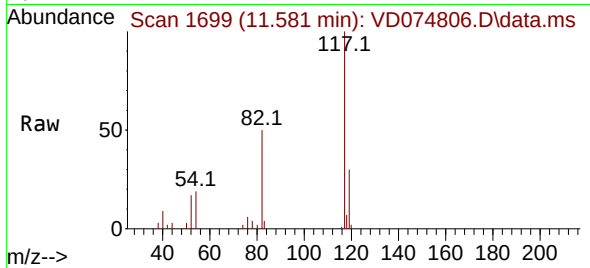




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
R-25RE

Tgt Ion:	117	Resp:	18678
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.6	62.4
119	29.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion:	152	Resp:	8736
Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.8	80.4
150	158.5	0.0	348.2

