

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074445.D
 Acq On : 27 Sep 2022 15:12
 Operator : VA/SY
 Sample : N4809-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0923

Quant Time: Sep 28 04:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	61155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	84505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	39263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25350	48.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.805	113	33894	51.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	104343	47.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.569	95	31515	39.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%

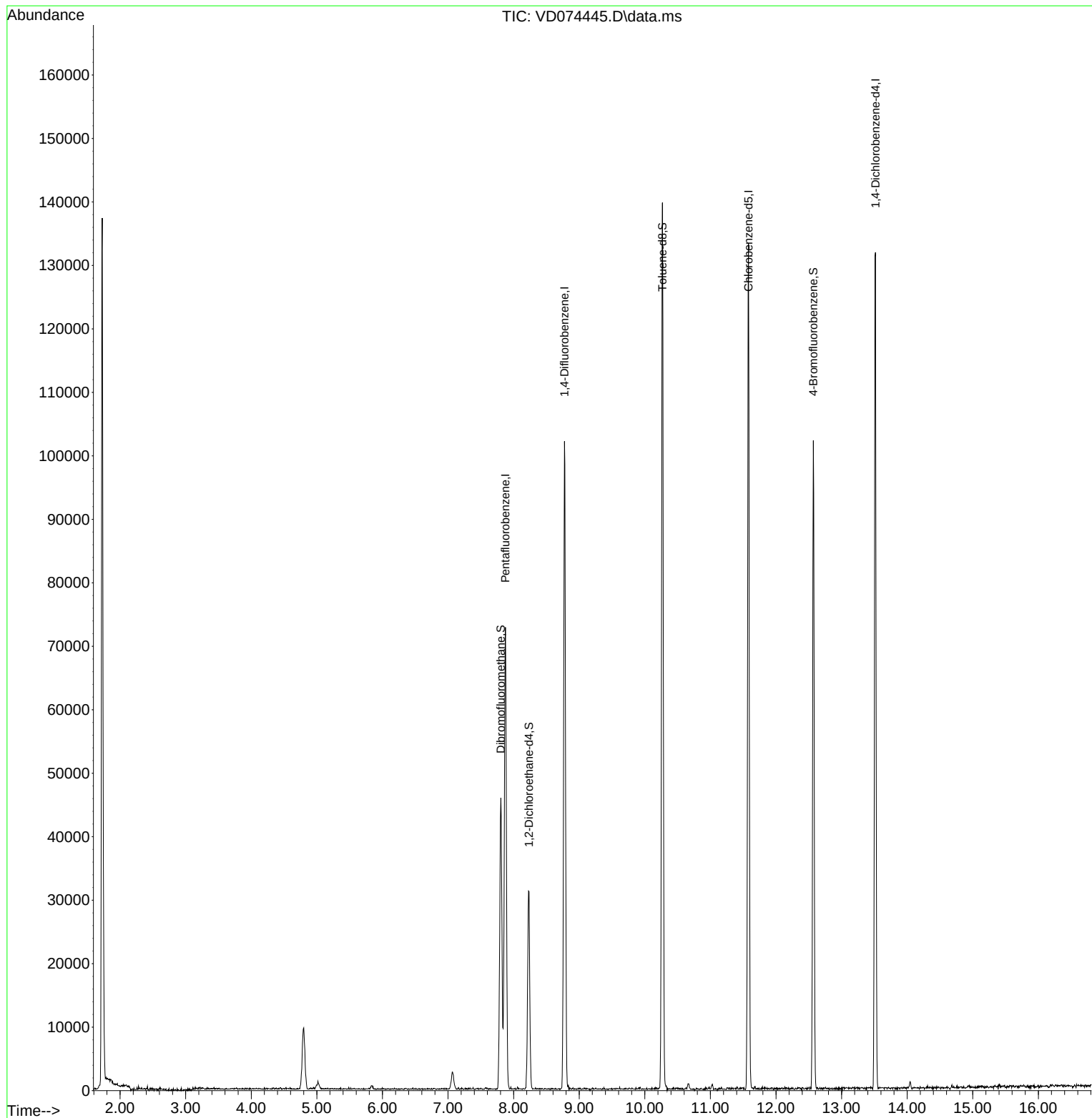
Target Compounds	Qvalue

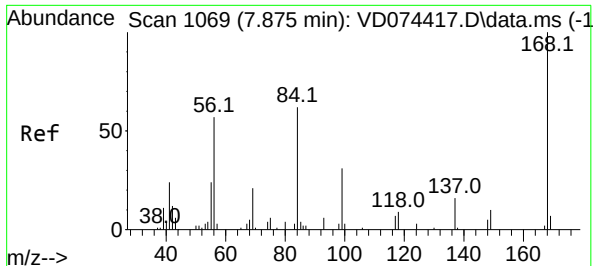
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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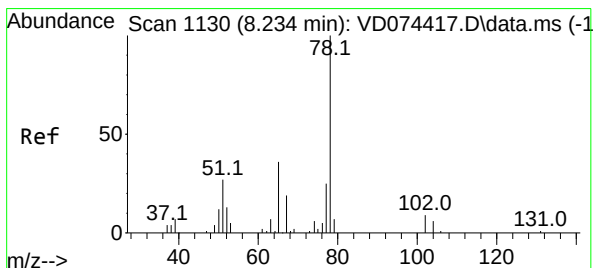
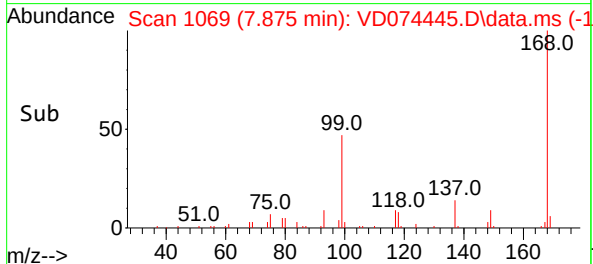
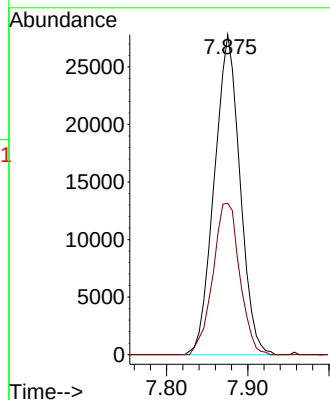
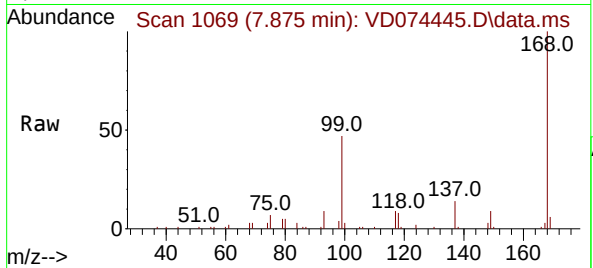




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

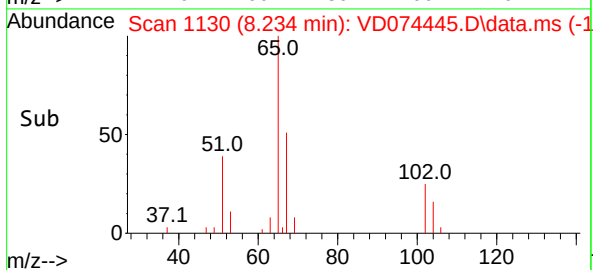
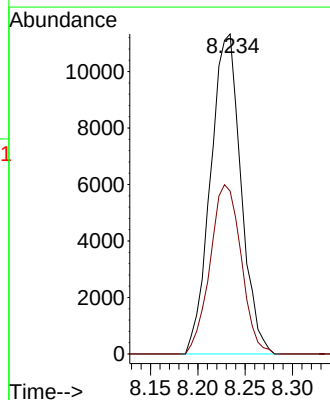
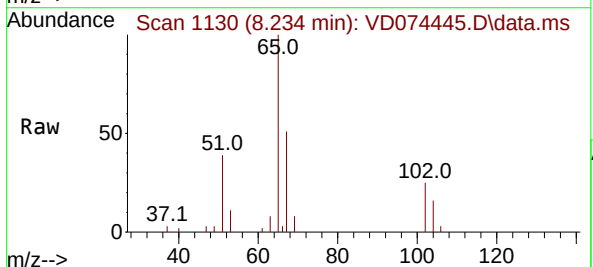
Instrument :
MSVOA_D
ClientSampleId :
TP1-0923

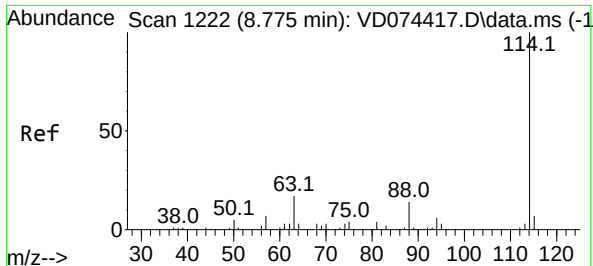
Tgt Ion:168 Resp: 61155
Ion Ratio Lower Upper
168 100
99 47.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 48.147 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 65 Resp: 25350
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074445.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

TP1-0923

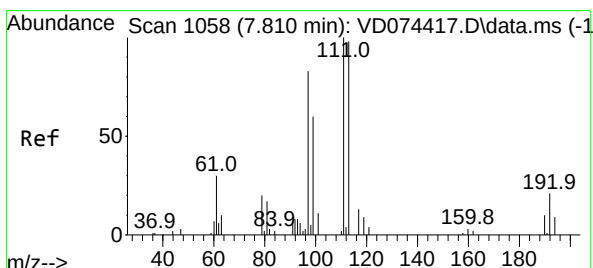
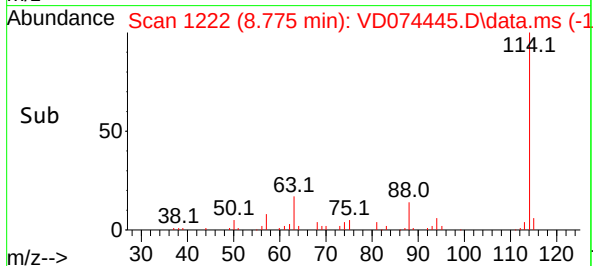
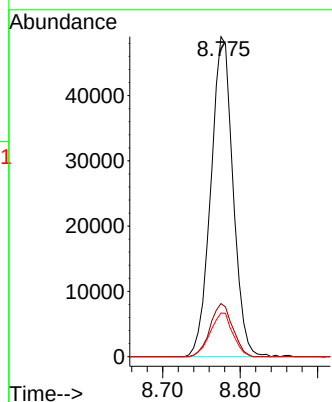
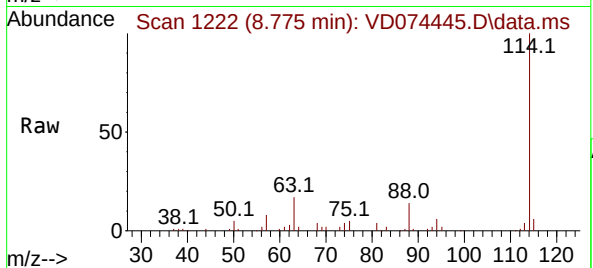
Tgt Ion:114 Resp: 97315

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.870 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD074445.D

Acq: 27 Sep 2022 15:12

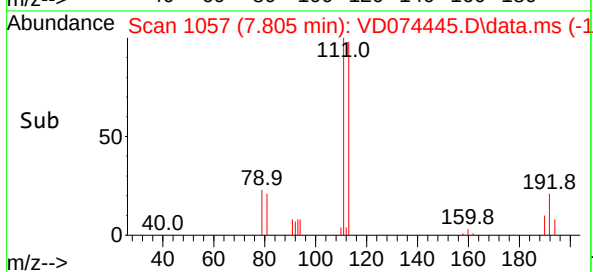
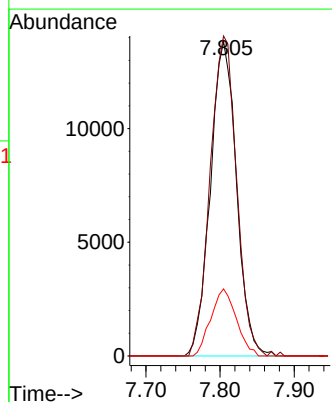
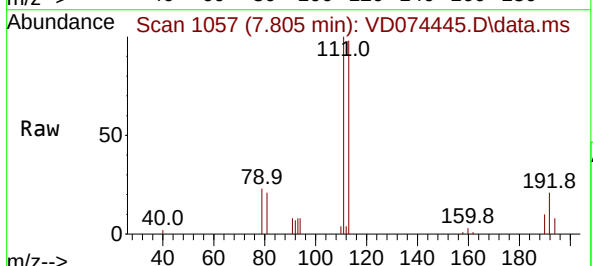
Tgt Ion:113 Resp: 33894

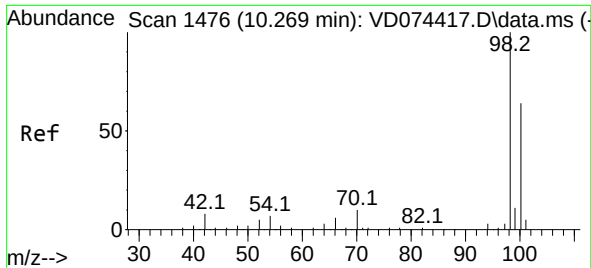
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 20.8 16.4 24.6

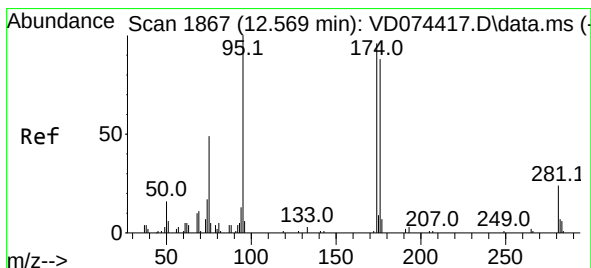
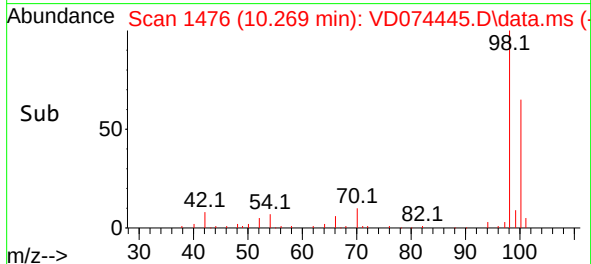
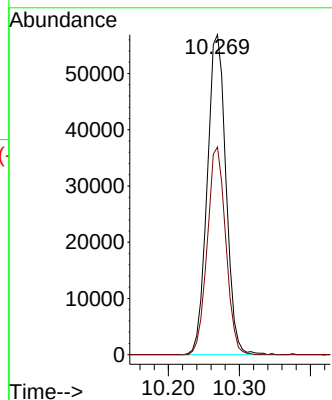
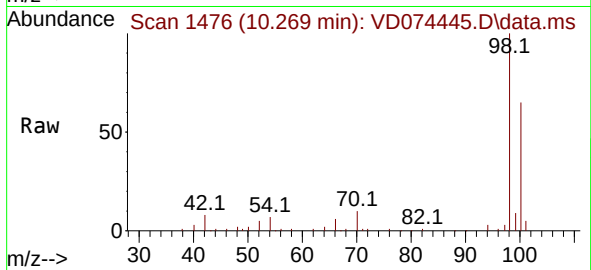




#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

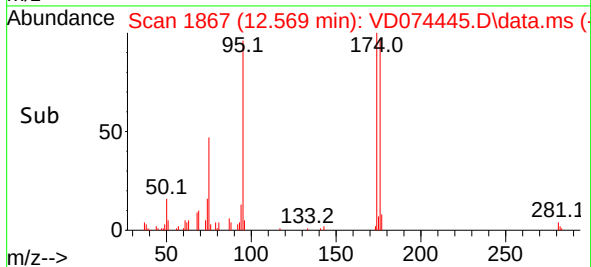
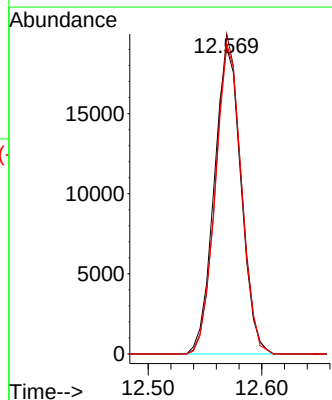
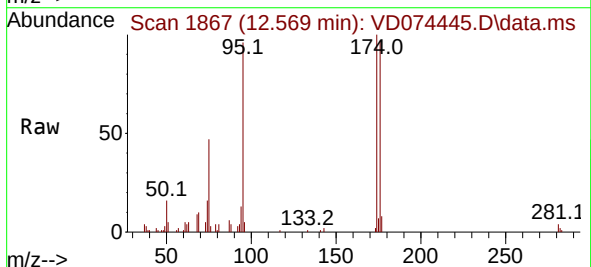
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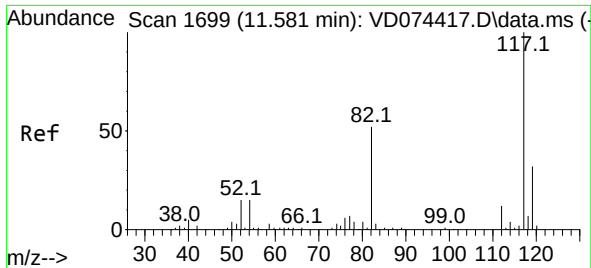
Tgt Ion: 98 Resp: 104343
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.543 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 95 Resp: 31515
Ion Ratio Lower Upper
95 100
174 99.4 0.0 197.0
176 97.3 0.0 182.6

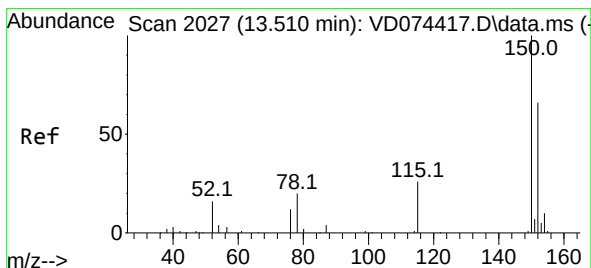
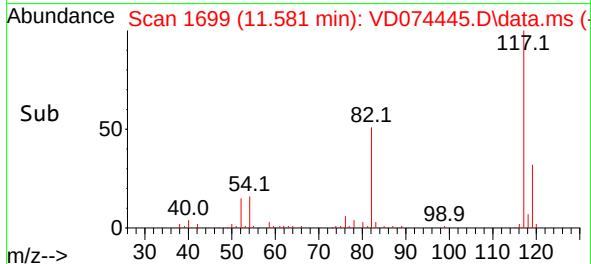
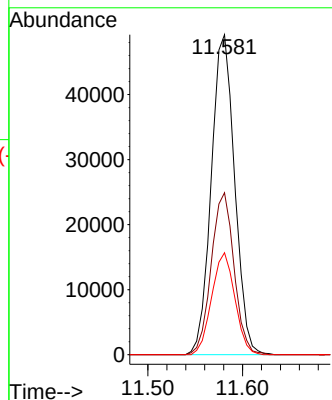
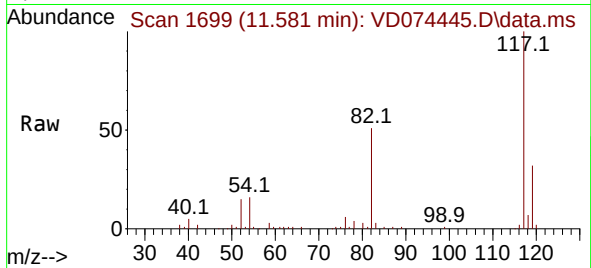




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :
TP1-0923

Tgt Ion:117 Resp: 84505
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion:152 Resp: 39263
Ion Ratio Lower Upper
152 100
115 52.8 26.8 80.4
150 157.1 0.0 348.2

