

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078775.D
 Acq On : 28 Mar 2024 15:35
 Operator : RP/MD
 Sample : P1877-03
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1291

Quant Time: Mar 29 01:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	280366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69604	50.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.060%
35) Dibromofluoromethane	7.810	113	88275	48.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.269	98	347696	52.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.575	95	85376	43.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.920%

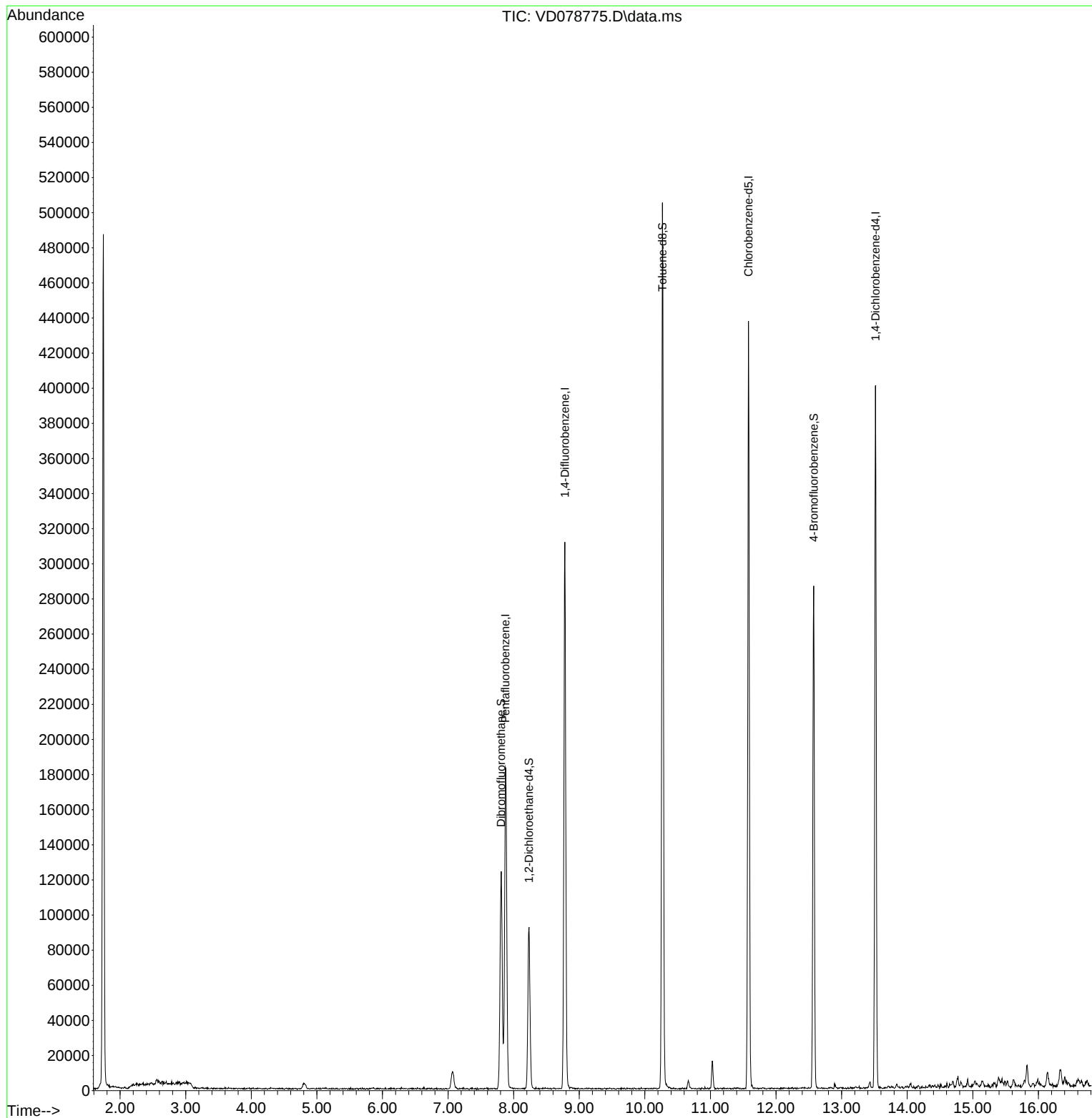
Target Compounds	Qvalue

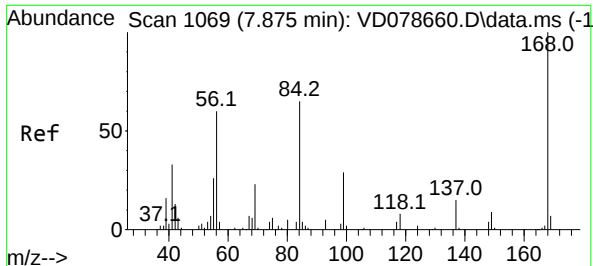
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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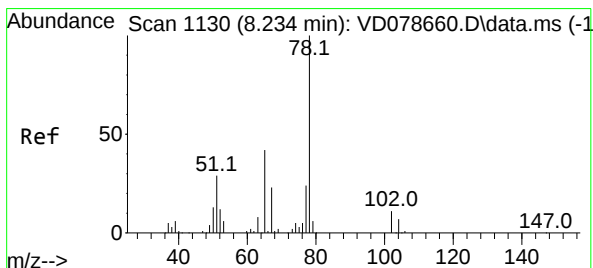
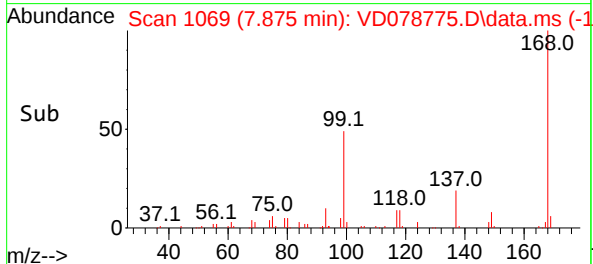
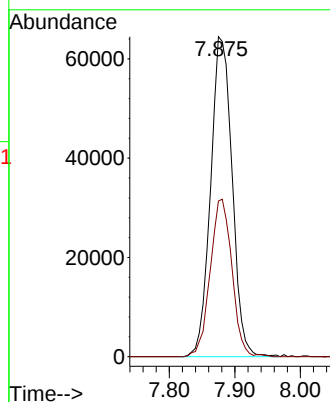
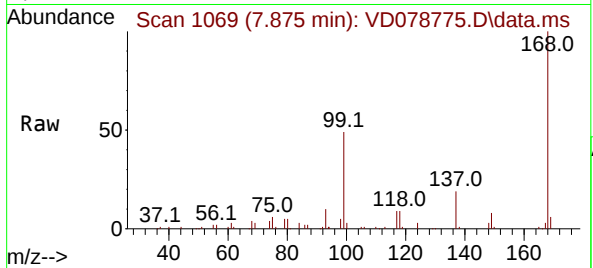




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

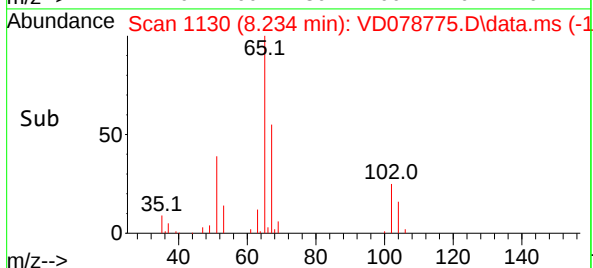
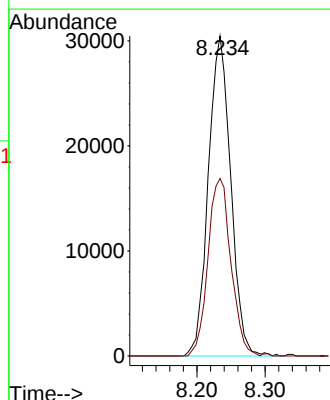
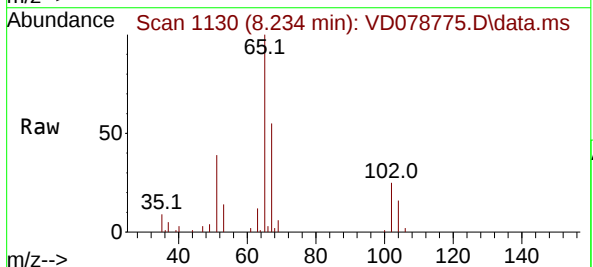
Instrument :
MSVOA_D
ClientSampleId :
TRE-1291

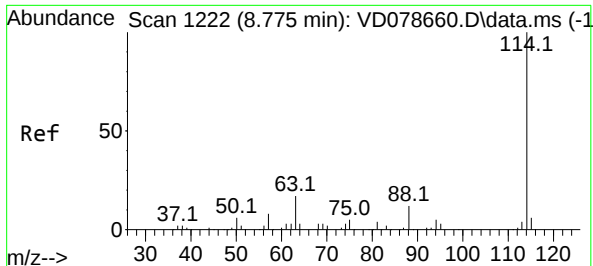
Tgt Ion:168 Resp: 146988
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 50.529 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

Tgt Ion: 65 Resp: 69604
Ion Ratio Lower Upper
65 100
67 56.9 0.0 110.2

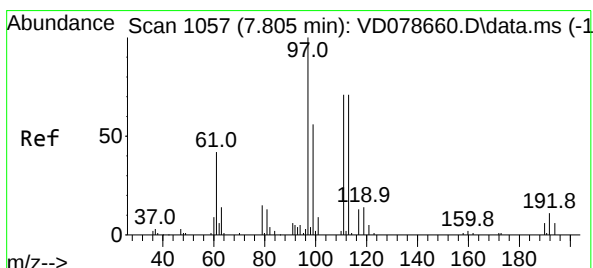
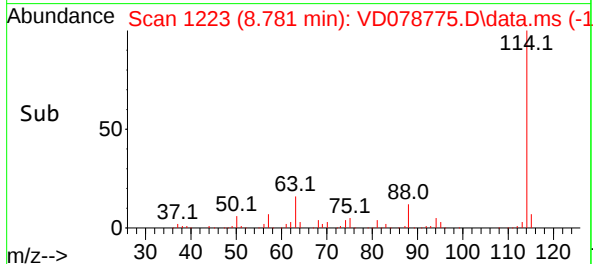
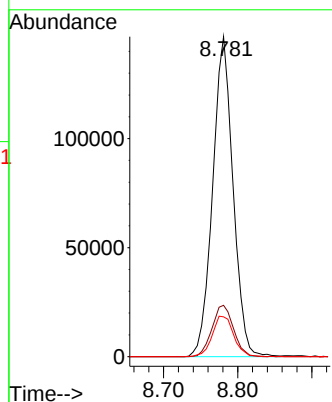
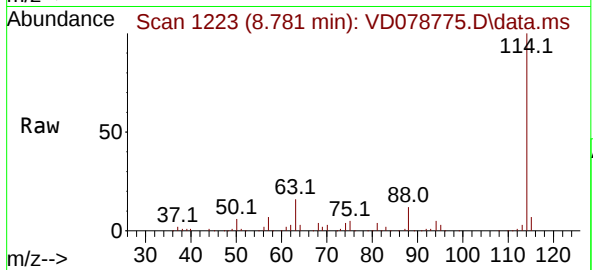




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

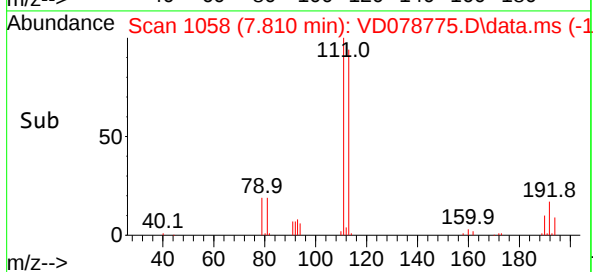
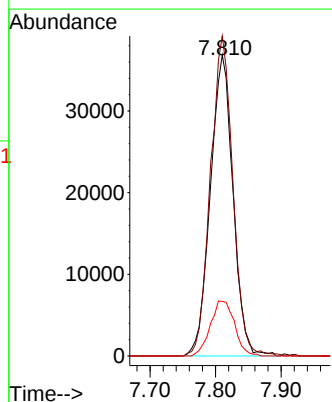
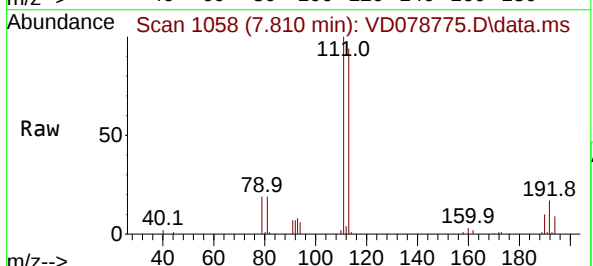
Instrument :
MSVOA_D
ClientSampleId :
TRE-1291

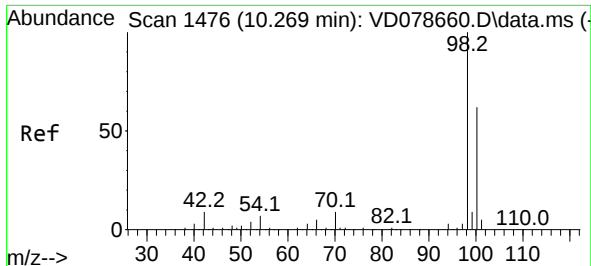
Tgt Ion:114 Resp: 280366
Ion Ratio Lower Upper
114 100
63 16.1 0.0 33.4
88 12.4 0.0 24.6



#35
Dibromofluoromethane
Concen: 48.902 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

Tgt Ion:113 Resp: 88275
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 19.5 15.4 23.0

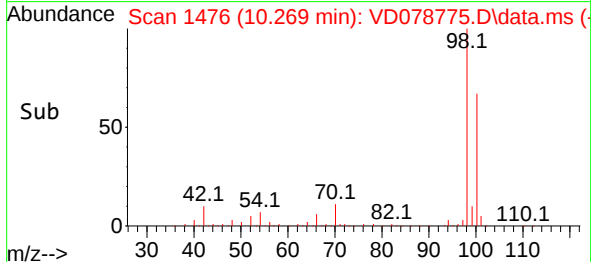
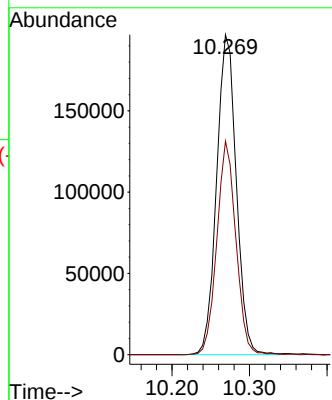
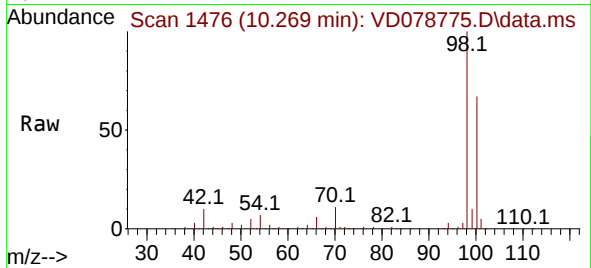




#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

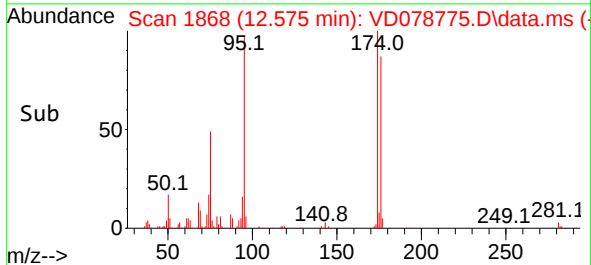
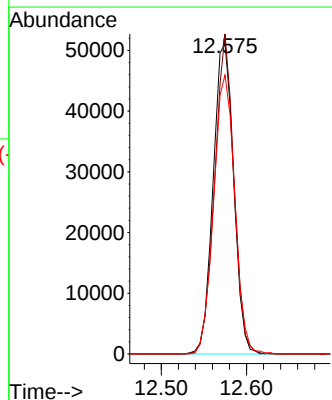
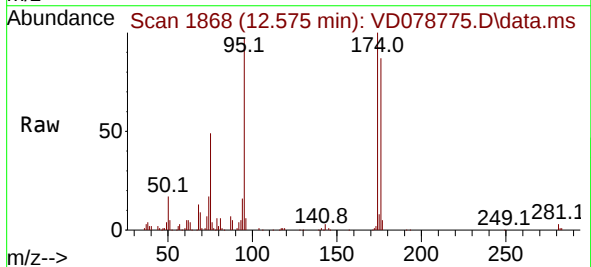
Instrument :
MSVOA_D
ClientSampleId :
TRE-1291

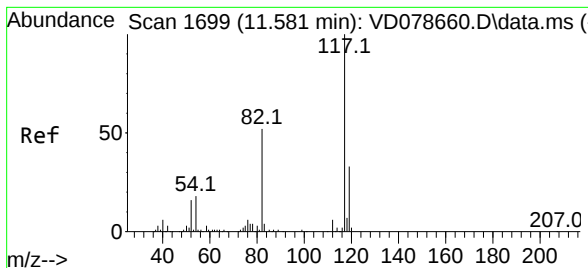
Tgt Ion: 98 Resp: 347696
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.959 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

Tgt Ion: 95 Resp: 85376
Ion Ratio Lower Upper
95 100
174 97.0 0.0 195.2
176 92.5 0.0 188.2

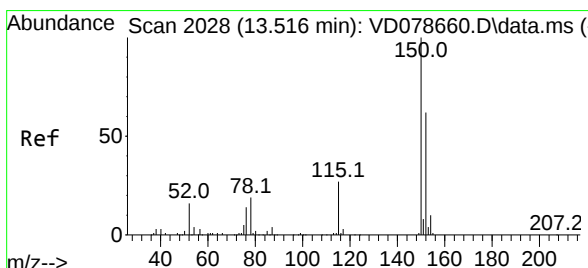
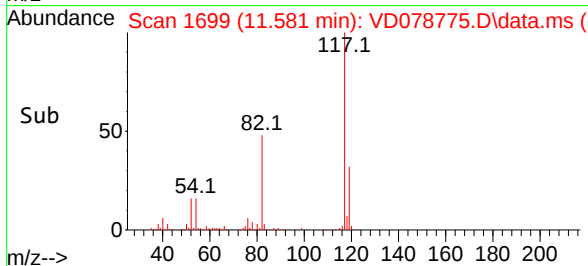
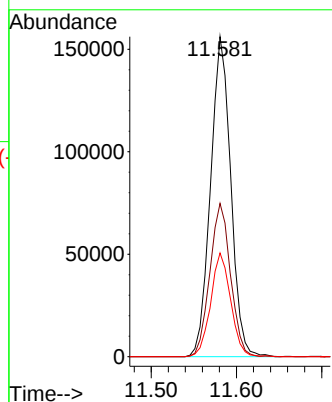
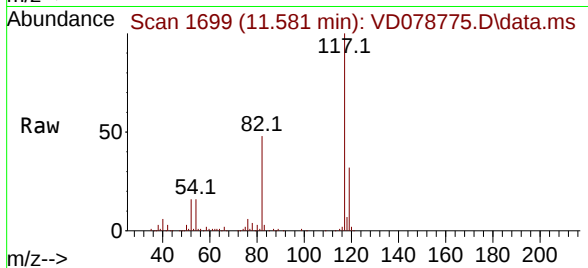




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

Instrument :
MSVOA_D
ClientSampleId :
TRE-1291

Tgt Ion:117 Resp: 257323
Ion Ratio Lower Upper
117 100
82 47.9 41.4 62.2
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078775.D
Acq: 28 Mar 2024 15:35

Tgt Ion:152 Resp: 109928
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.2
150 157.5 0.0 350.2

