

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078663.D
 Acq On : 14 Mar 2024 12:51
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 15 05:46:52 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	99920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45290	48.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.804	113	73152	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.269	98	312148	57.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.460%
62) 4-Bromofluorobenzene	12.575	95	128028	80.929	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	161.860%#

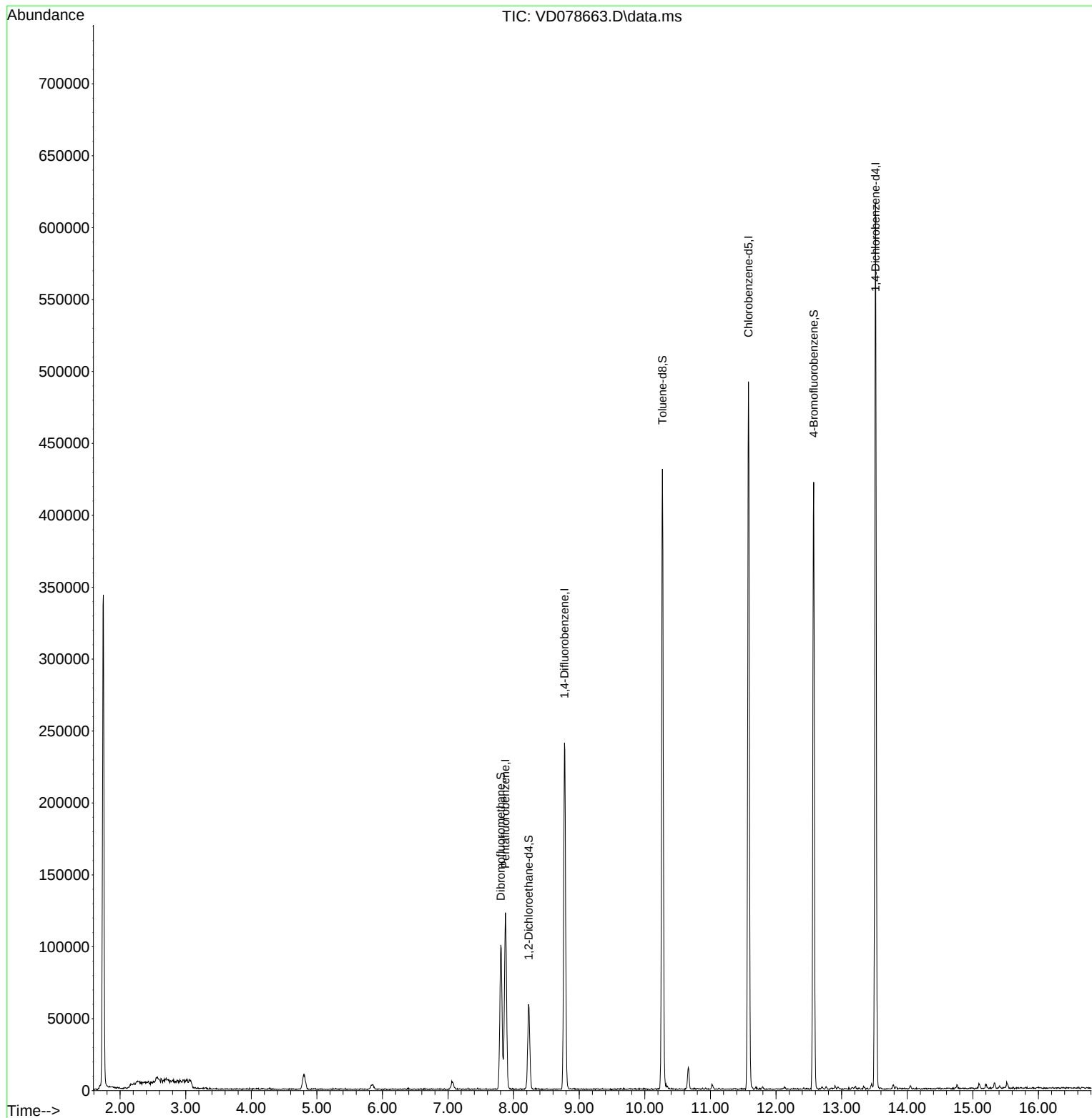
Target Compounds	Qvalue

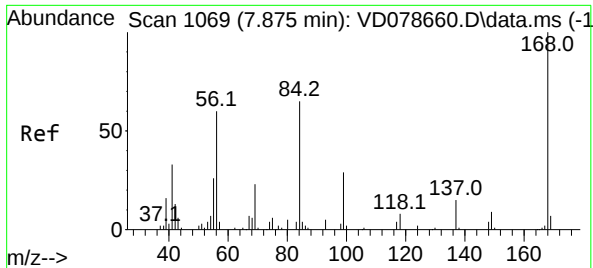
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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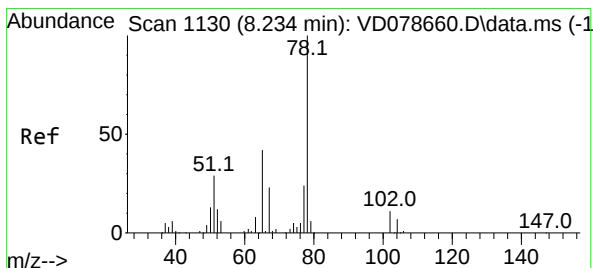
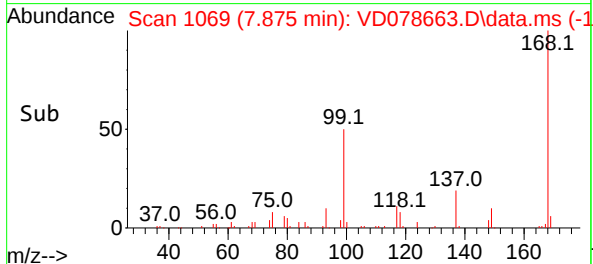
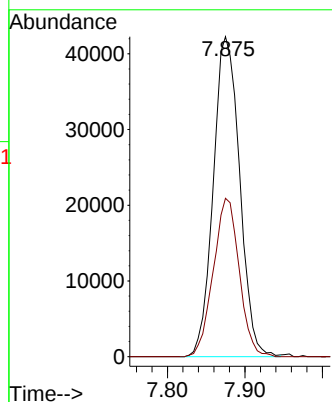
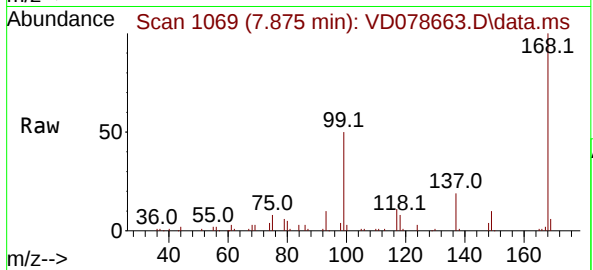




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

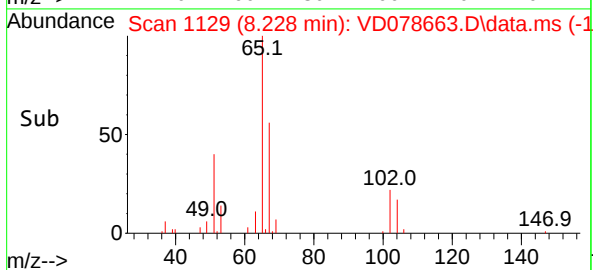
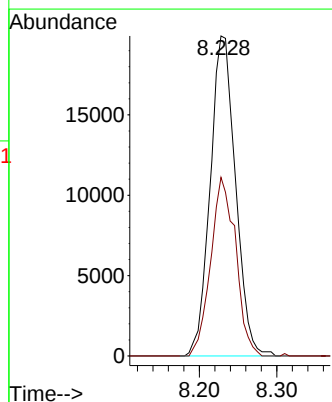
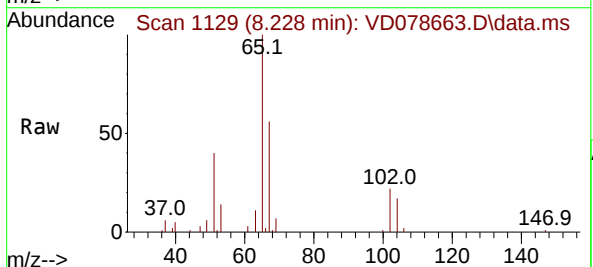
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

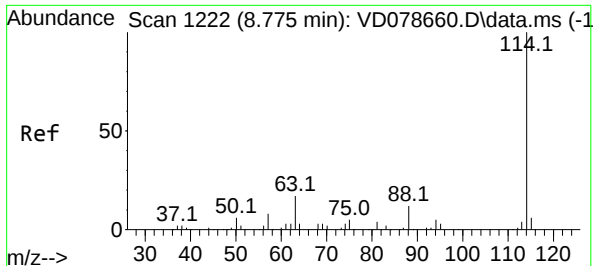
Tgt Ion:168 Resp: 99920
Ion Ratio Lower Upper
168 100
99 49.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 48.365 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

Tgt Ion: 65 Resp: 45290
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2

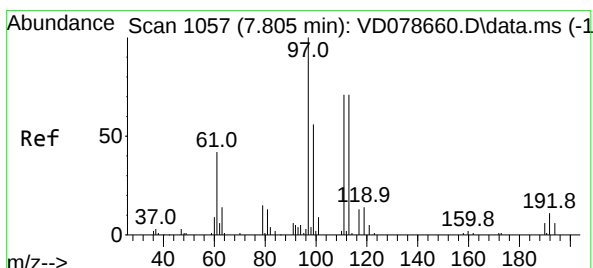
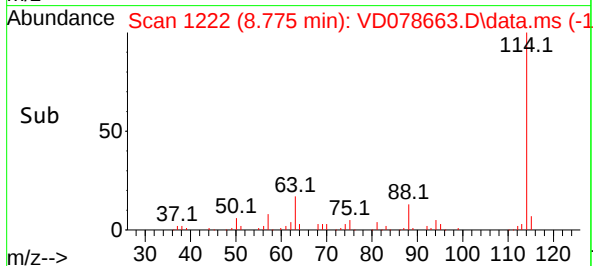
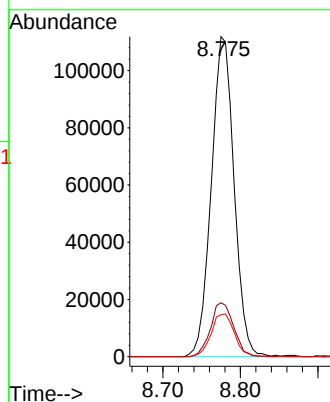
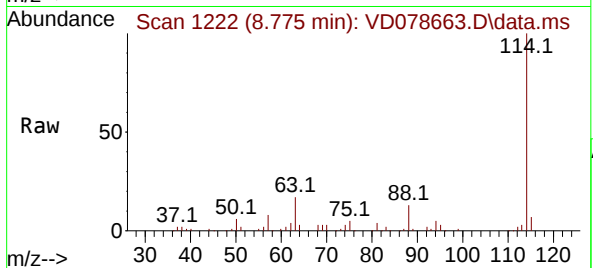




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

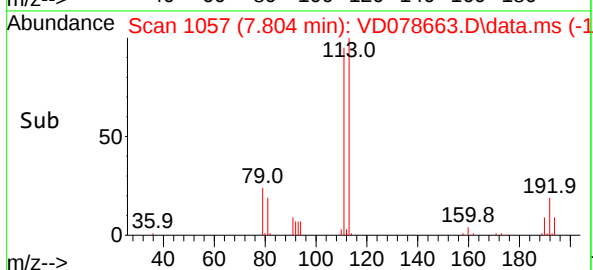
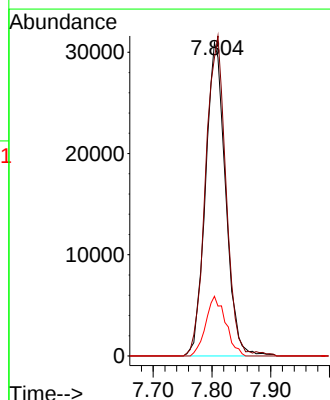
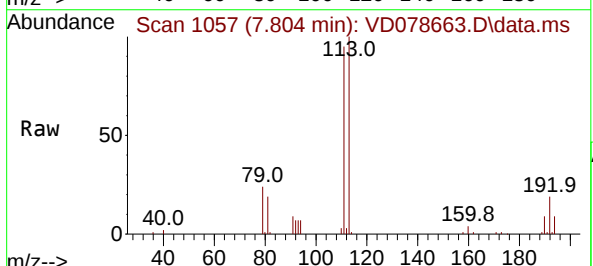
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

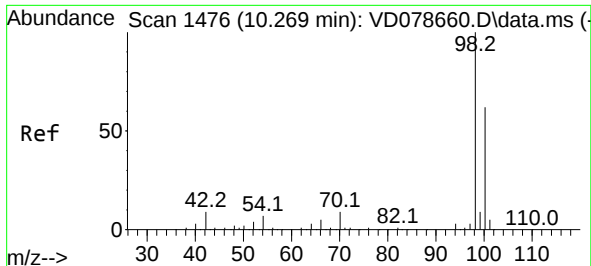
Tgt Ion:114 Resp: 228368
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 13.1 0.0 24.6



#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

Tgt Ion:113 Resp: 73152
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.9 15.4 23.0

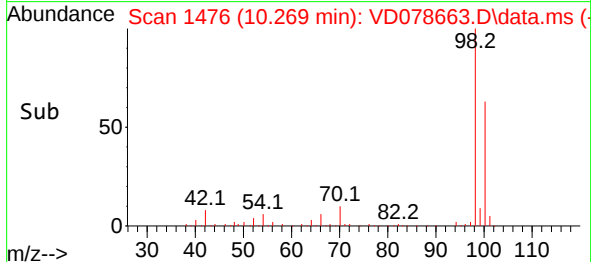
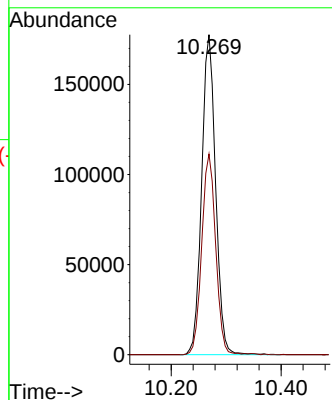
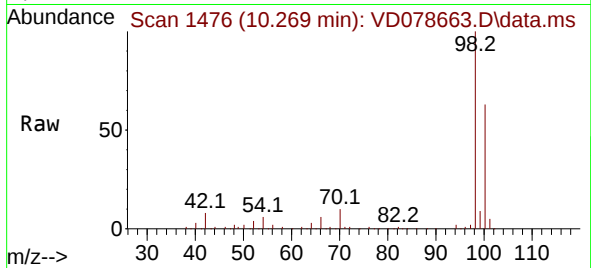




#50
Toluene-d8
Concen: 57.725 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

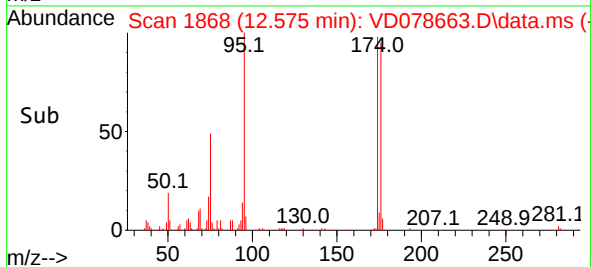
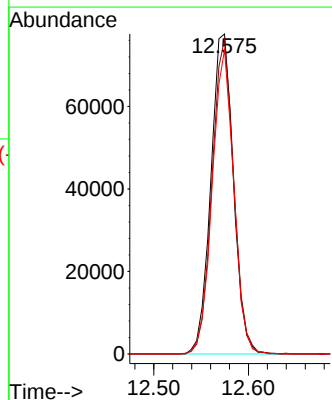
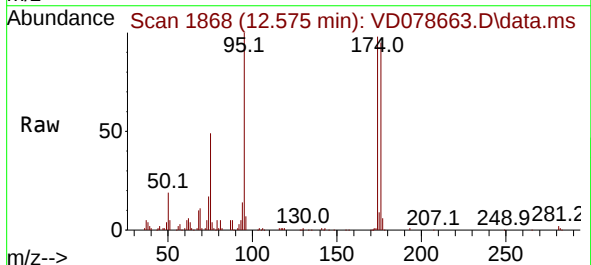
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

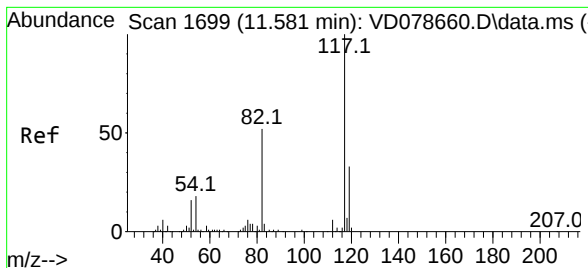
Tgt Ion: 98 Resp: 312148
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 80.929 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

Tgt Ion: 95 Resp: 128028
Ion Ratio Lower Upper
95 100
174 95.3 0.0 195.2
176 90.9 0.0 188.2

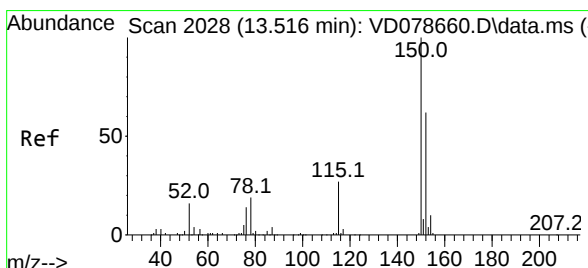
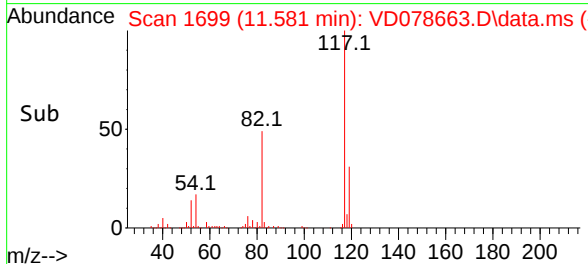
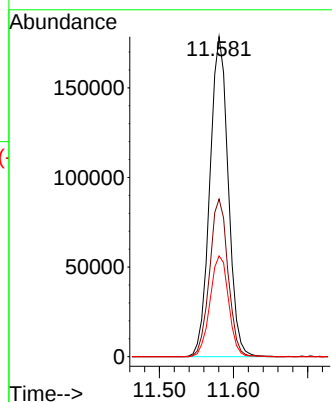
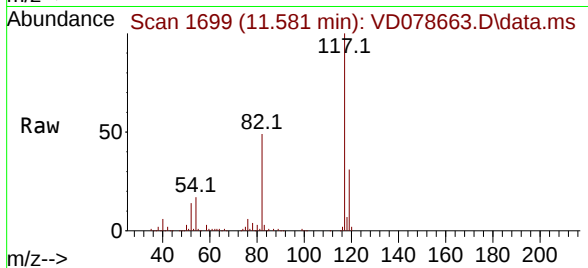




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078663.D
Acq: 14 Mar 2024 12:51

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 307481
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 31.5 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: VD078663.D
Acq: 14 Mar 2024 12:51

Tgt Ion:152 Resp: 165401
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.2
150 155.9 0.0 350.2

