

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074689.D
 Acq On : 31 Oct 2022 15:41
 Operator : VA/SY
 Sample : N5303-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1839

Quant Time: Nov 01 01:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76636	66.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.280%
35) Dibromofluoromethane	7.804	113	90442	59.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.840%
50) Toluene-d8	10.269	98	289760	49.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.575	95	84395	52.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.000%

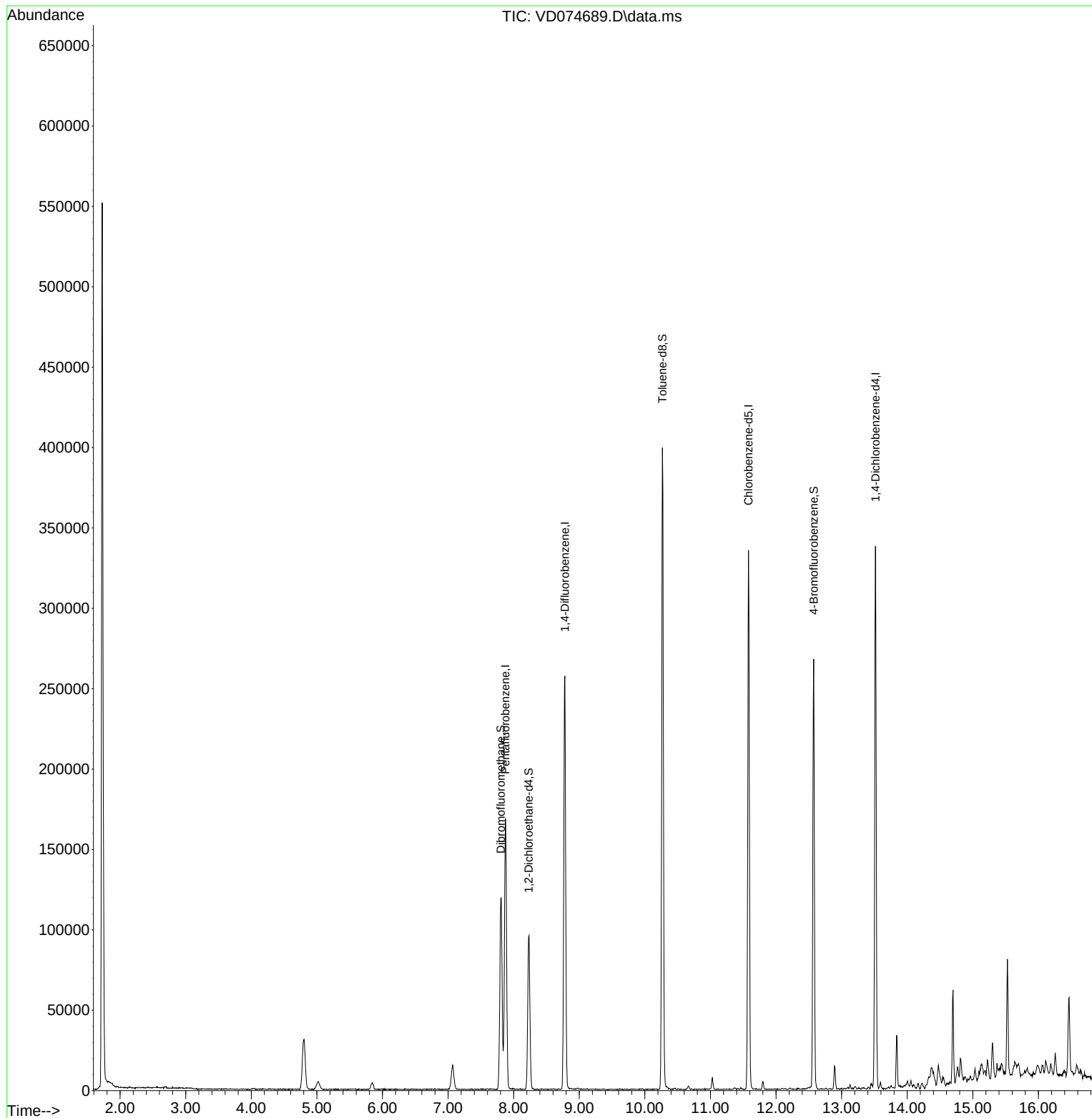
Target Compounds	Qvalue

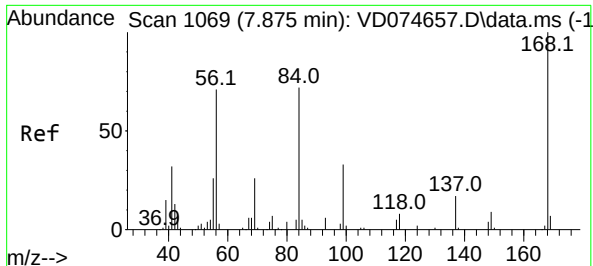
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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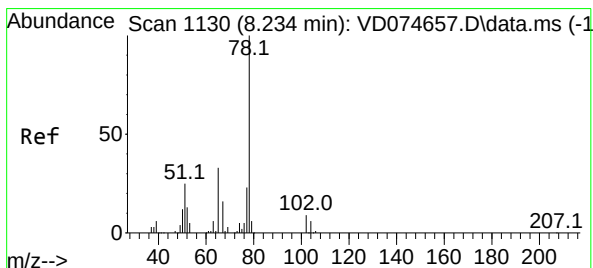
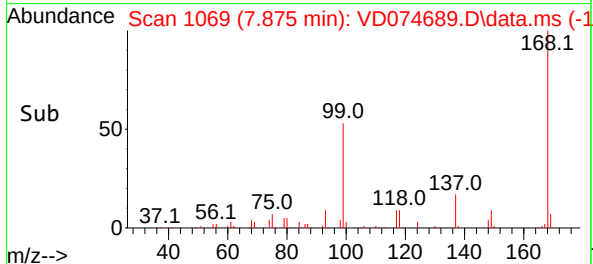
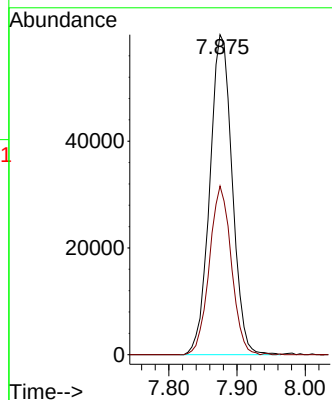
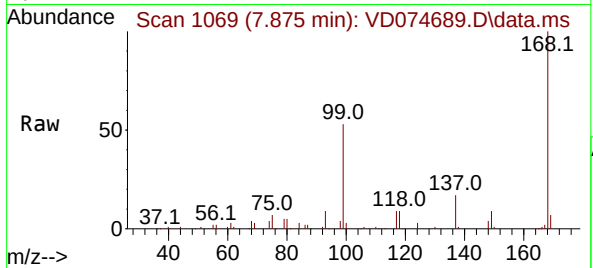




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

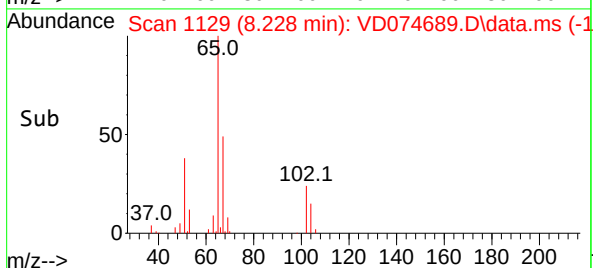
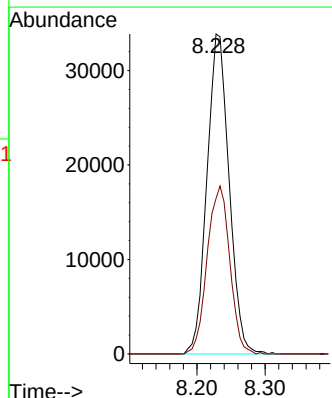
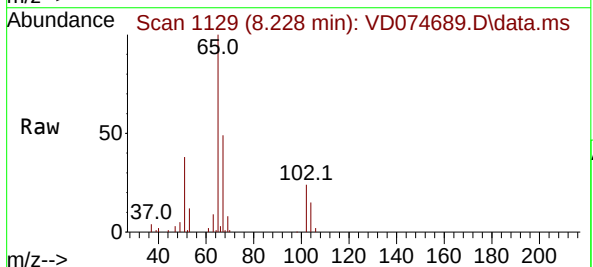
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

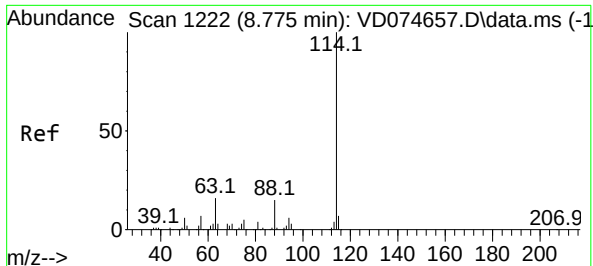
Tgt Ion:168 Resp: 137290
Ion Ratio Lower Upper
168 100
99 52.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 66.137 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 65 Resp: 76636
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2

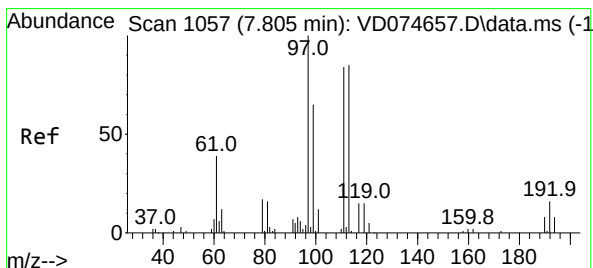
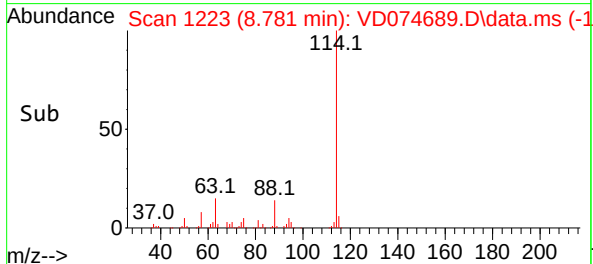
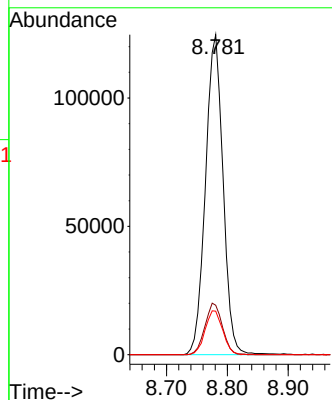
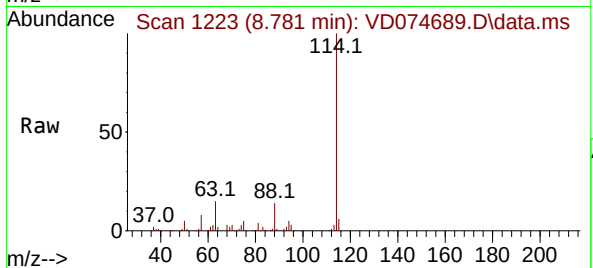




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

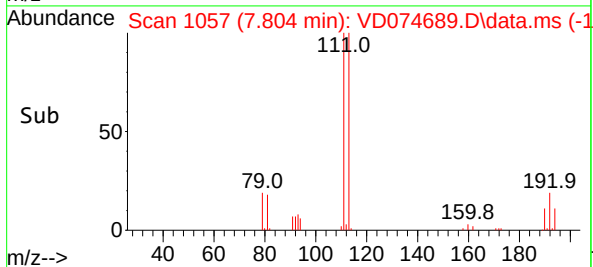
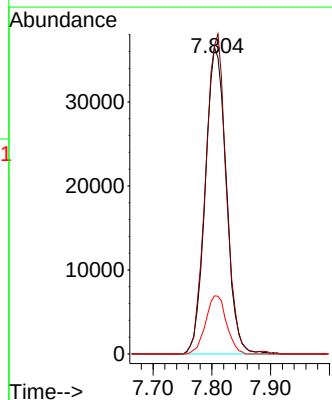
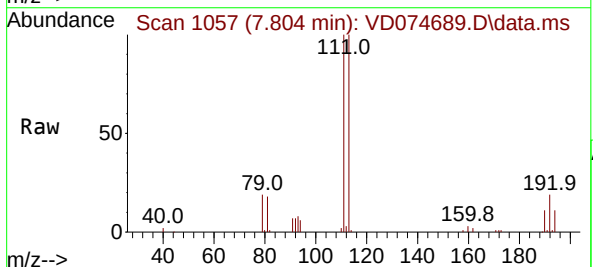
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

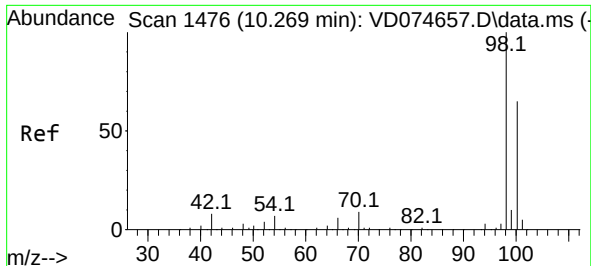
Tgt Ion:114 Resp: 249272
Ion Ratio Lower Upper
114 100
63 15.4 0.0 33.2
88 13.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 59.419 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion:113 Resp: 90442
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 18.8 16.4 24.6

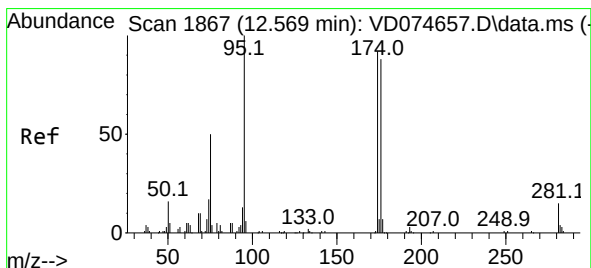
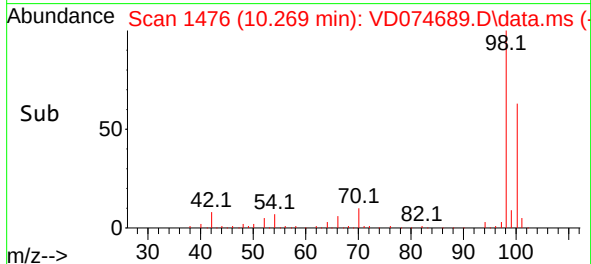
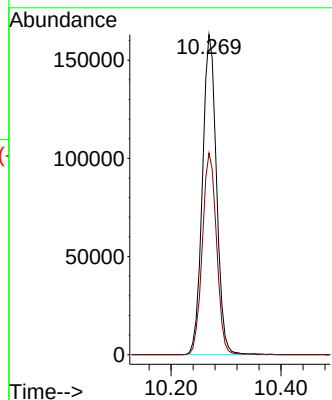
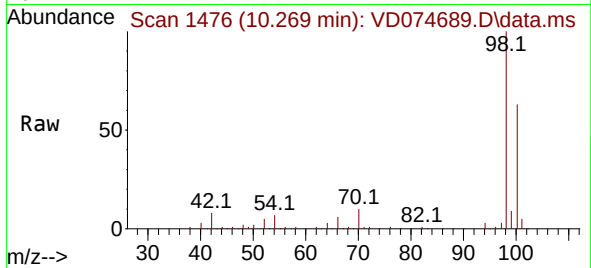




#50
Toluene-d8
Concen: 49.501 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

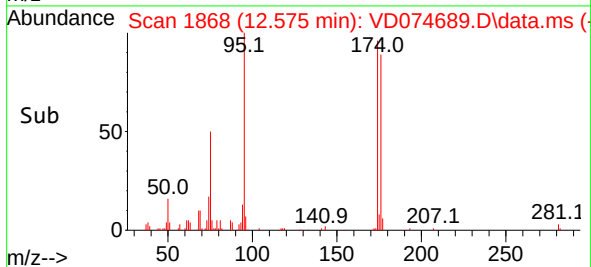
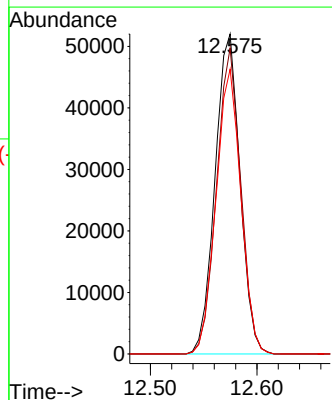
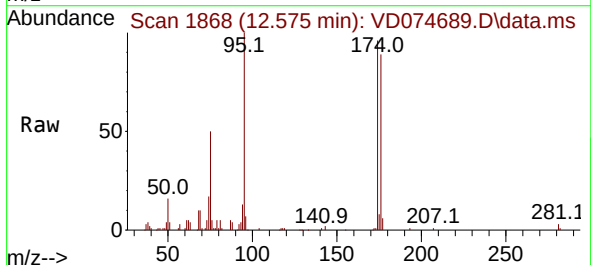
Instrument :
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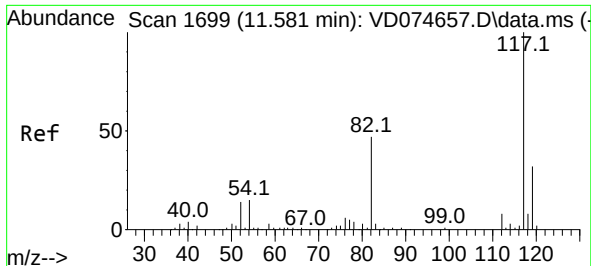
Tgt Ion: 98 Resp: 289760
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.497 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 95 Resp: 84395
Ion Ratio Lower Upper
95 100
174 92.9 0.0 197.0
176 88.9 0.0 182.6

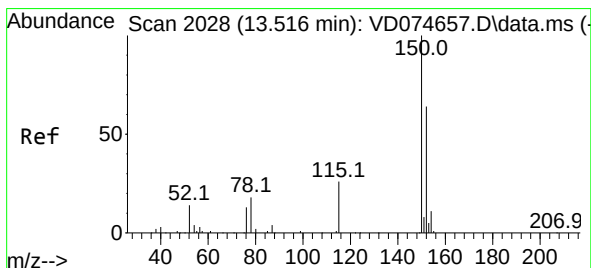
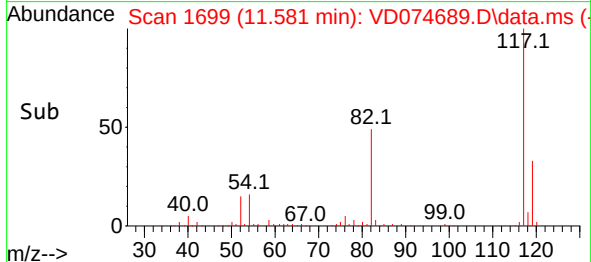
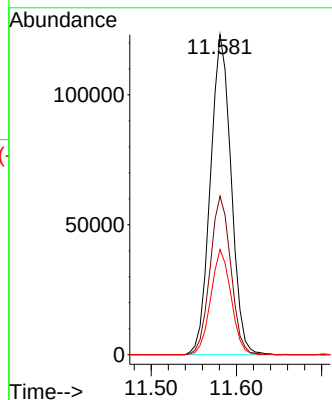
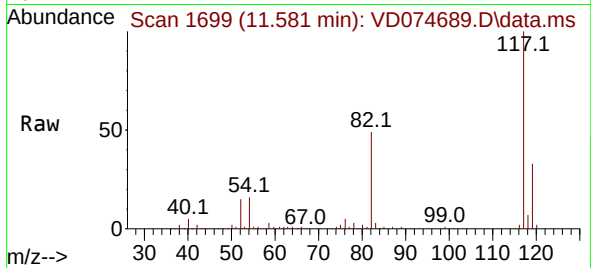




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

Tgt Ion:117 Resp: 208103
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion:152 Resp: 94573
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 153.9 0.0 348.2

