

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074681.D
 Acq On : 28 Oct 2022 19:37
 Operator : VA/SY
 Sample : N5284-01
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1-WC

Quant Time: Oct 29 02:16:26 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	150092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78451	61.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.805	113	97521	58.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.300%
50) Toluene-d8	10.269	98	359337	55.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.569	95	89796	50.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.400%

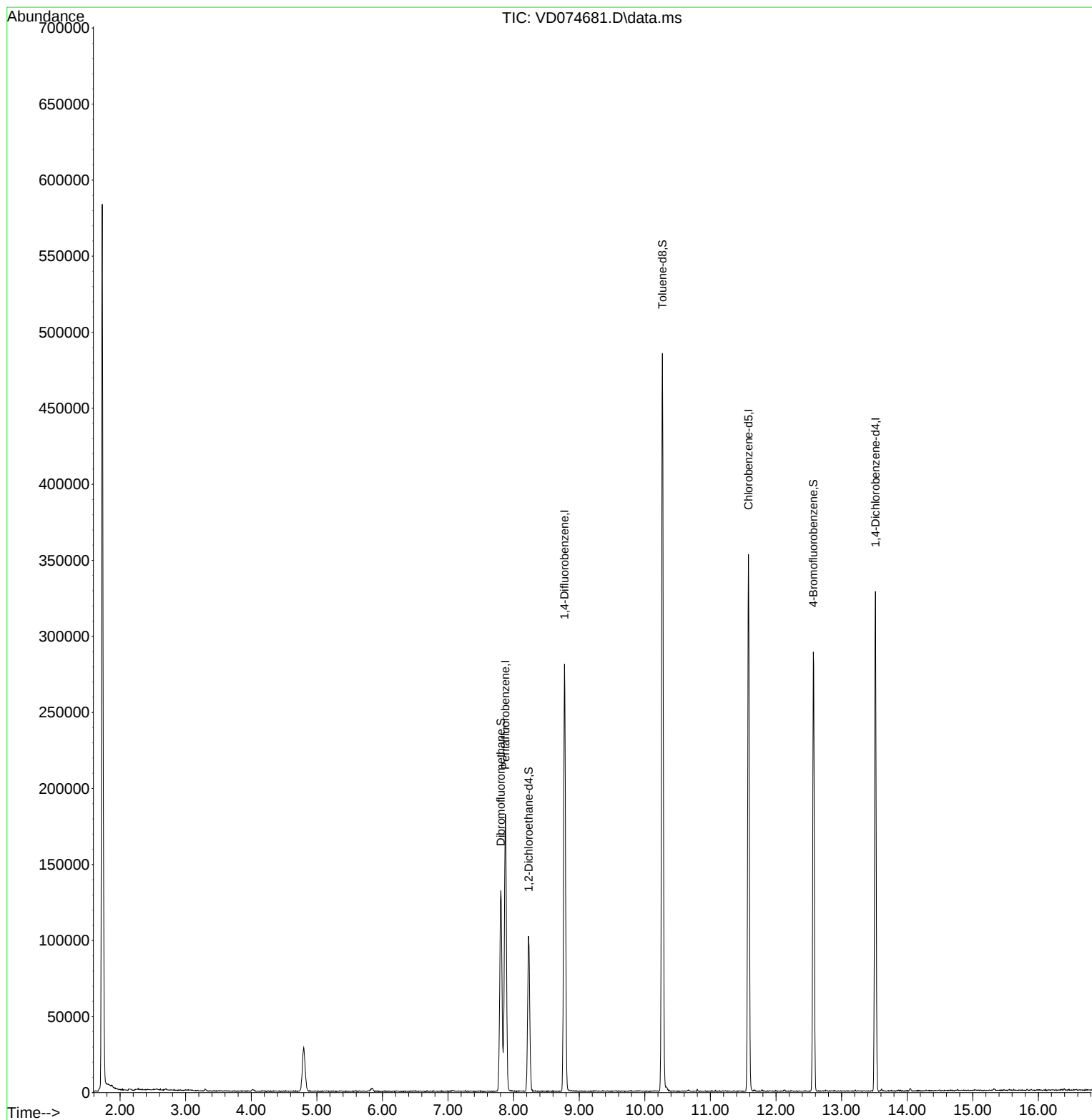
Target Compounds	Qvalue

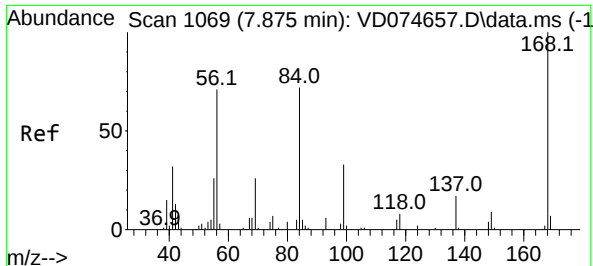
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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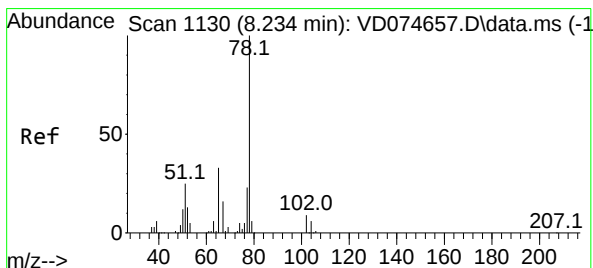
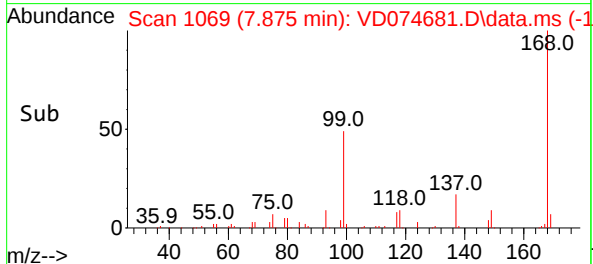
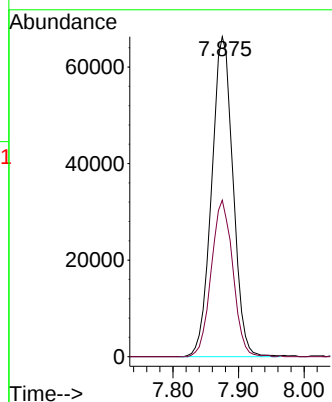
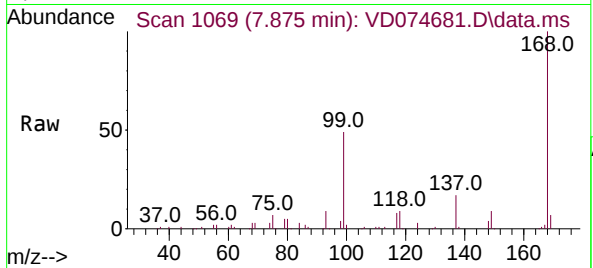




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

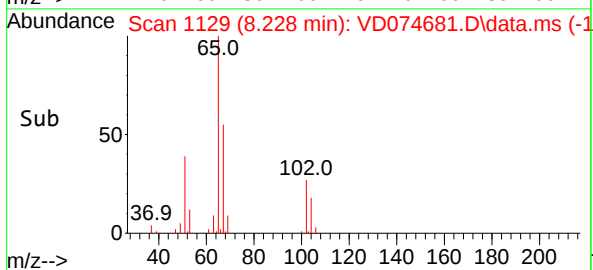
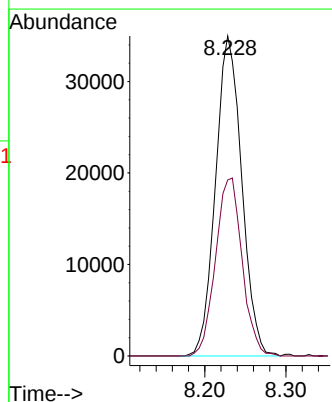
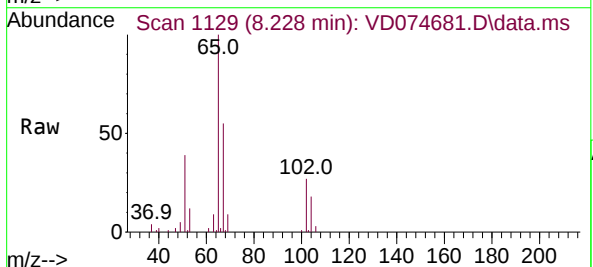
Instrument :
MSVOA_D
ClientSampleId :
MH-1-WC

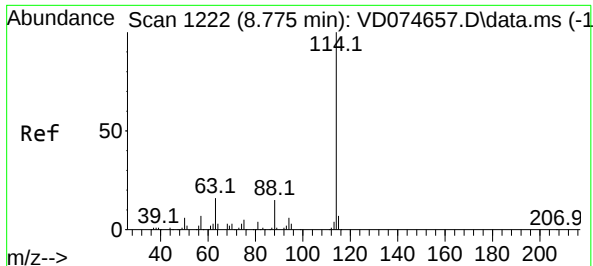
Tgt Ion:168 Resp: 150092
Ion Ratio Lower Upper
168 100
99 48.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 61.928 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

Tgt Ion: 65 Resp: 78451
Ion Ratio Lower Upper
65 100
67 56.4 0.0 110.2

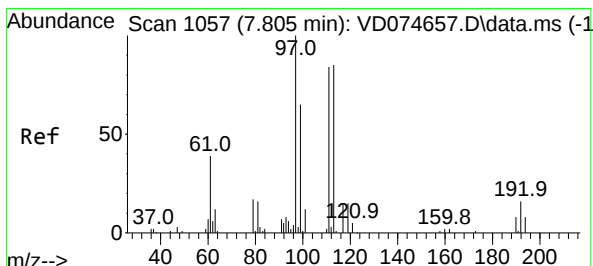
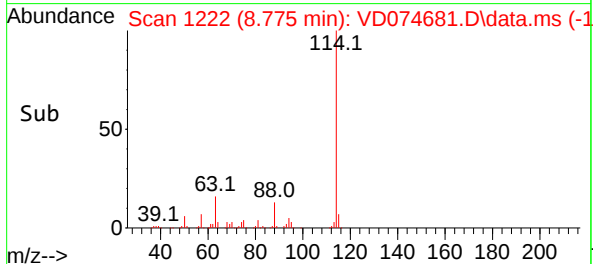
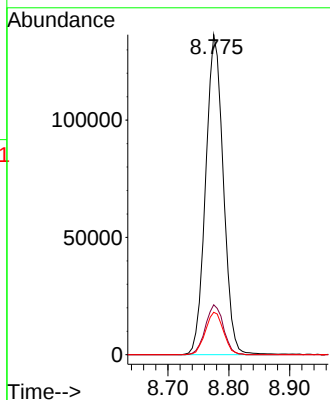
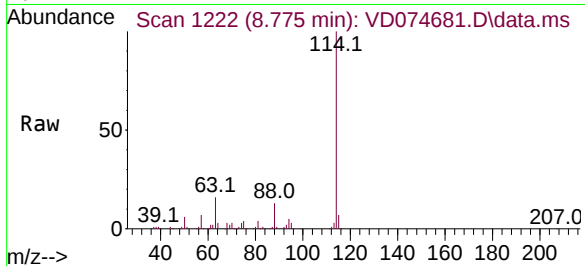




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

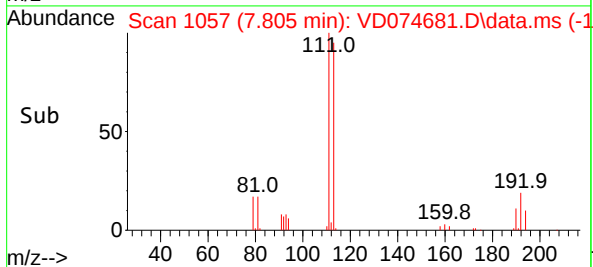
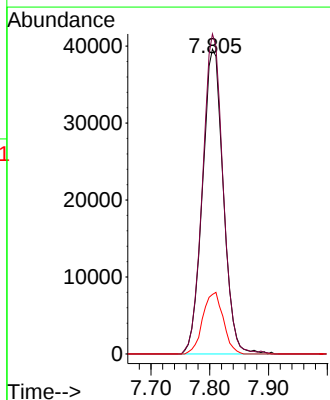
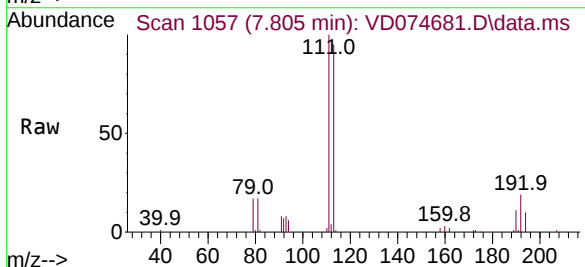
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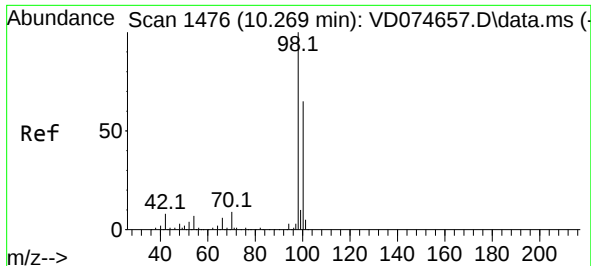
Tgt Ion:114 Resp: 274628
Ion Ratio Lower Upper
114 100
63 15.6 0.0 33.2
88 13.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 58.154 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

Tgt Ion:113 Resp: 97521
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.9 16.4 24.6

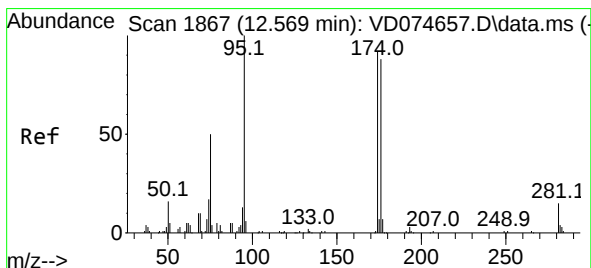
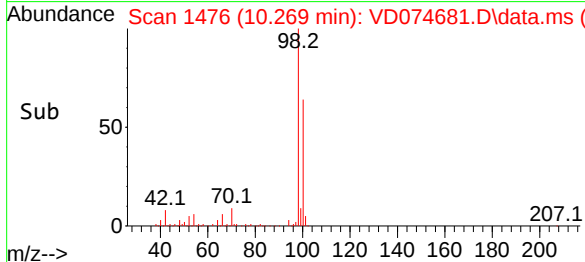
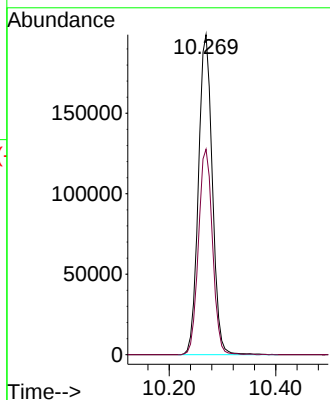
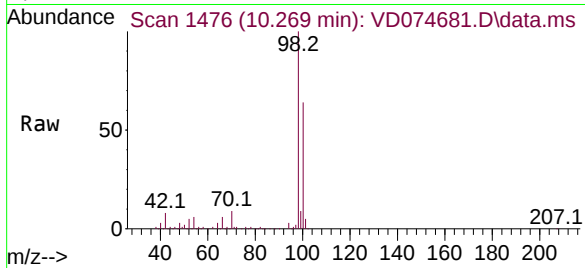




#50
Toluene-d8
Concen: 55.720 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

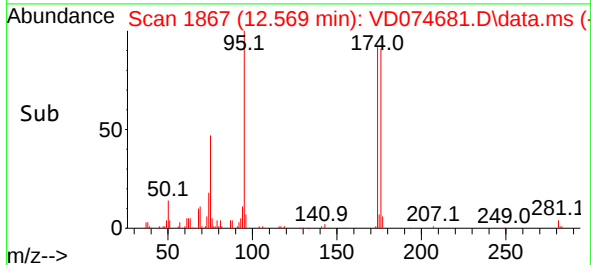
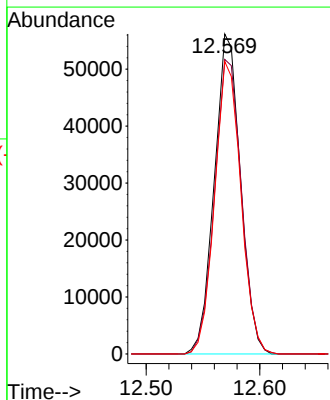
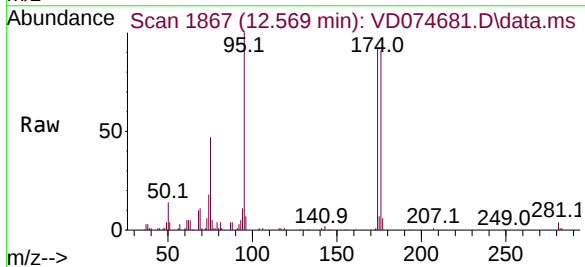
Instrument :
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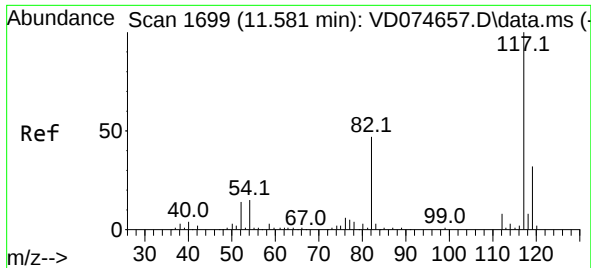
Tgt Ion: 98 Resp: 359337
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

Tgt Ion: 95 Resp: 89796
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 91.6 0.0 182.6

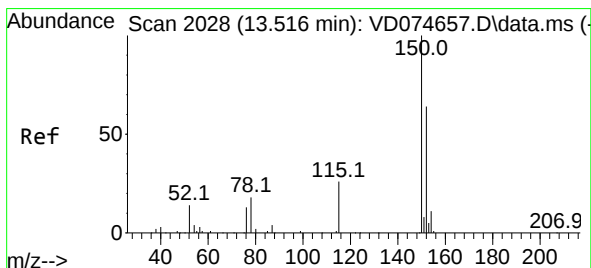
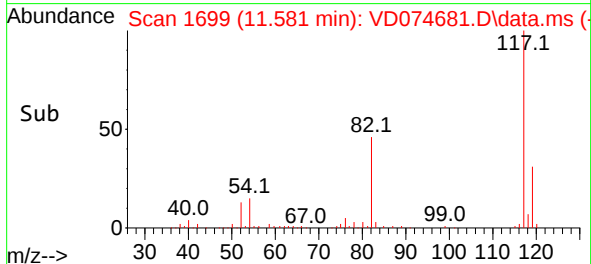
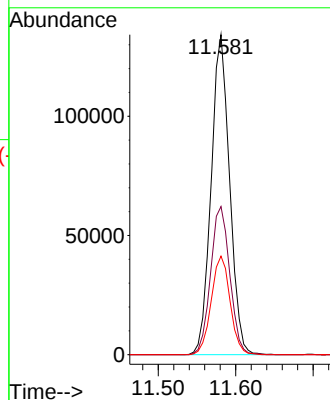
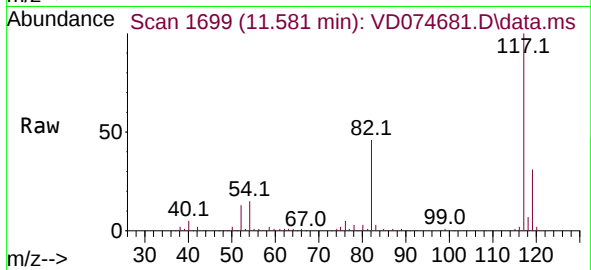




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074681.D
Acq: 28 Oct 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
MH-1-WC

Tgt Ion:117 Resp: 222177
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 30.8 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: VD074681.D
Acq: 28 Oct 2022 19:37

Tgt Ion:152 Resp: 92865
Ion Ratio Lower Upper
152 100
115 54.2 26.8 80.4
150 159.9 0.0 348.2

