

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074671.D
 Acq On : 28 Oct 2022 15:02
 Operator : VA/SY
 Sample : N5313-07
 Misc : 8.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-6-SW-QUARTER

Quant Time: Oct 29 02:15:00 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	151735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79338	61.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.900%
35) Dibromofluoromethane	7.805	113	99068	59.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.440%
50) Toluene-d8	10.263	98	381479	59.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.600%
62) 4-Bromofluorobenzene	12.569	95	102669	58.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.220%

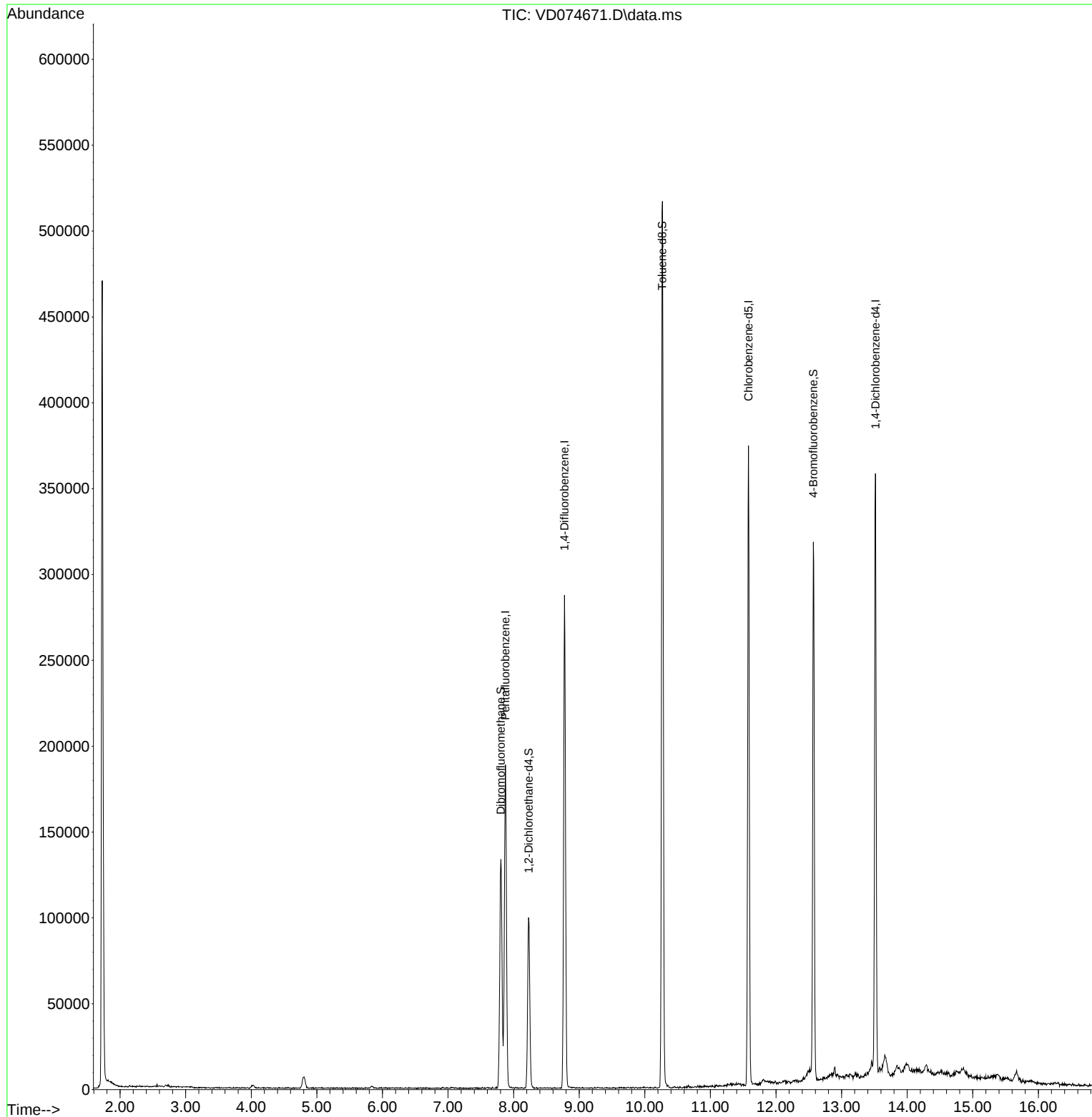
Target Compounds	Qvalue

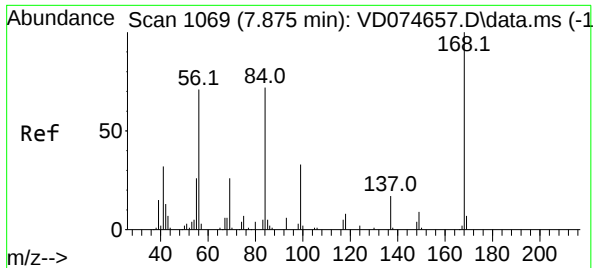
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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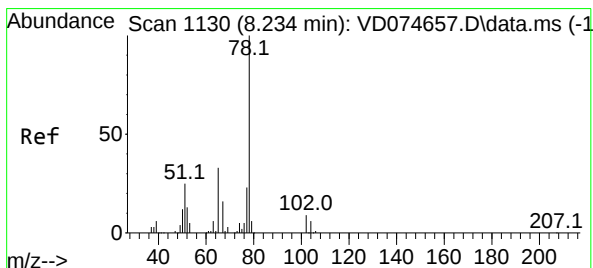
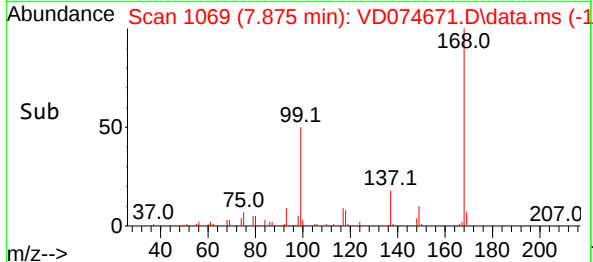
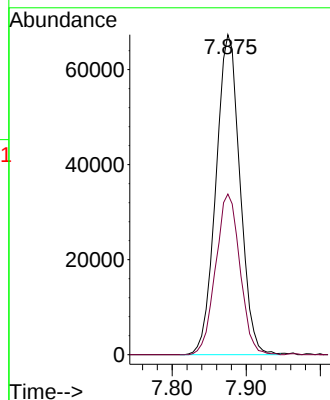
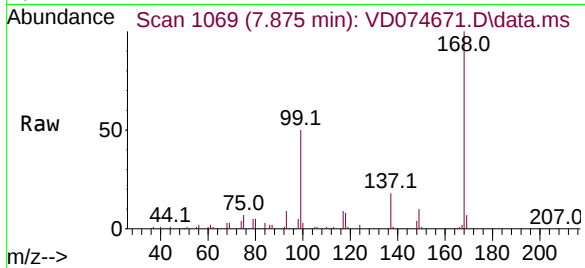




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

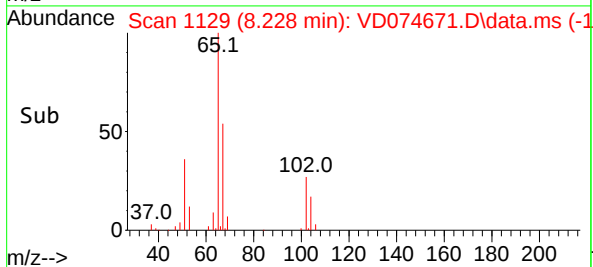
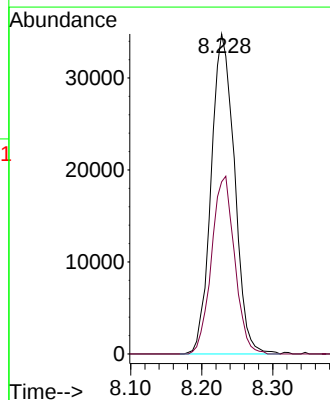
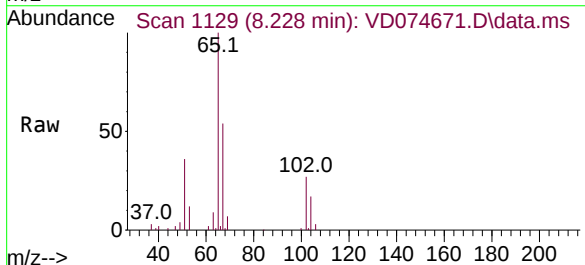
Instrument :
MSVOA_D
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TOTAL-VOC-GRAB-6-SW-QUARTER

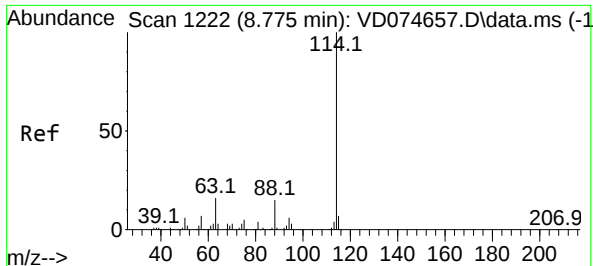
Tgt Ion:168 Resp: 151735
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 61.950 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 65 Resp: 79338
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

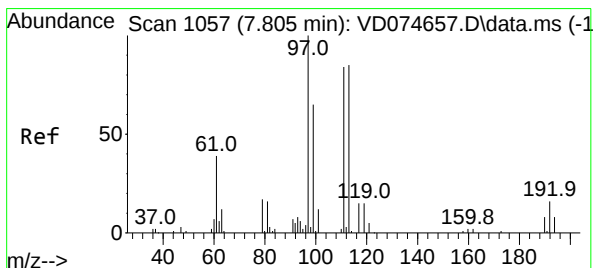
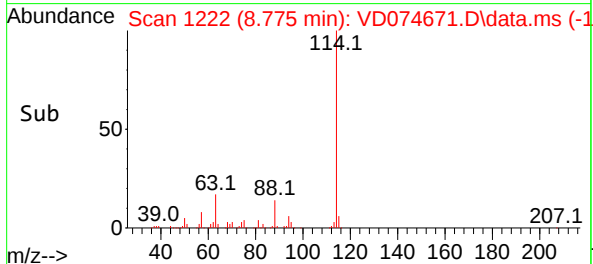
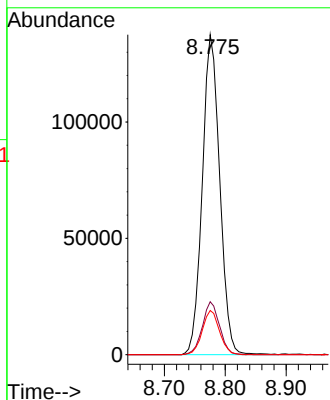
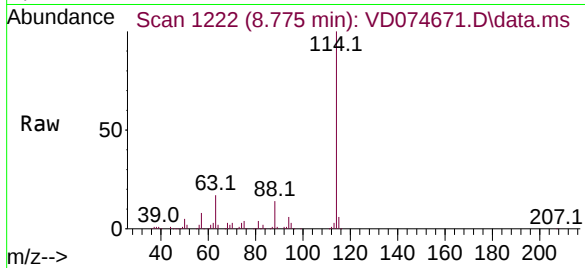




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

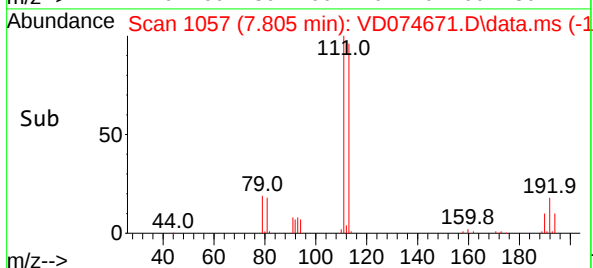
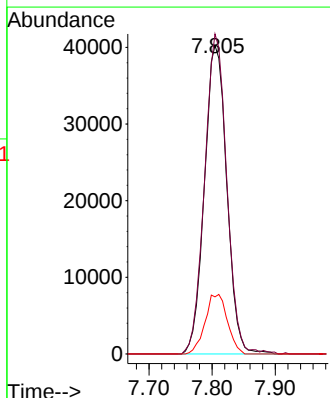
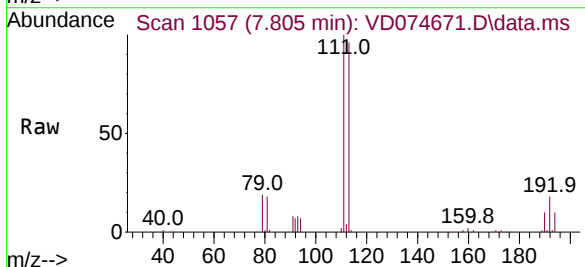
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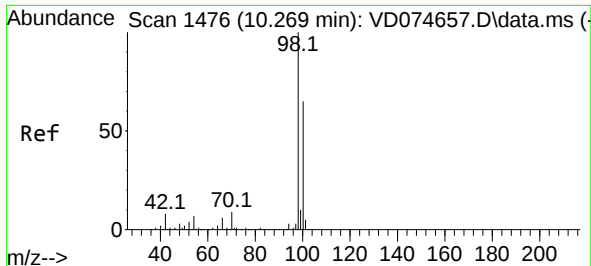
Tgt Ion:114 Resp: 273942
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 13.8 0.0 28.2



#35
Dibromofluoromethane
Concen: 59.224 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion:113 Resp: 99068
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.2 16.4 24.6

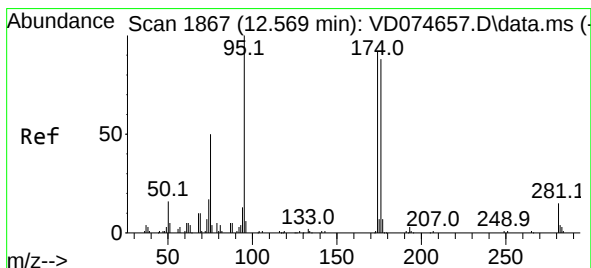
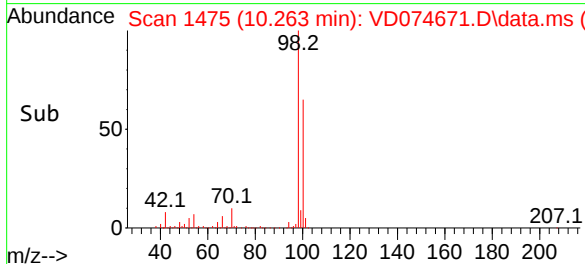
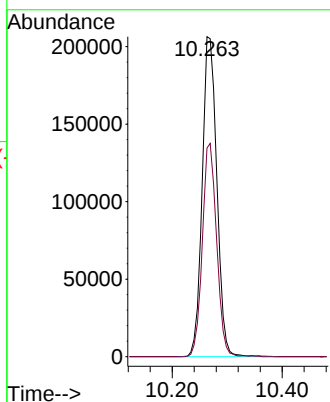
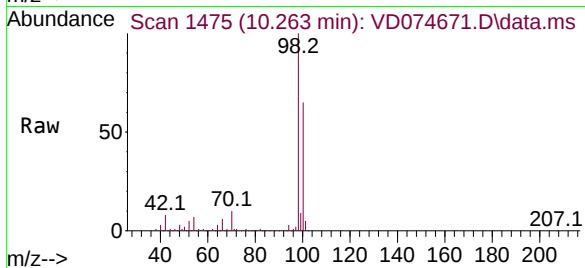




#50
Toluene-d8
Concen: 59.301 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

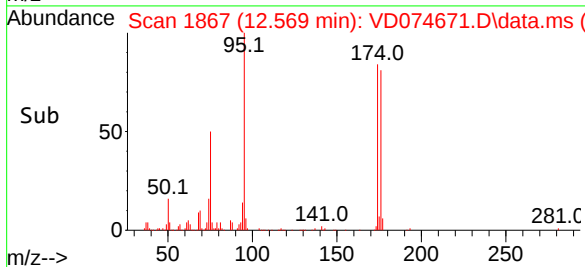
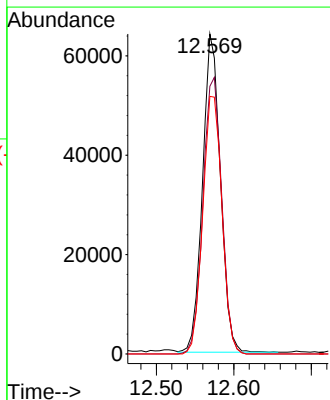
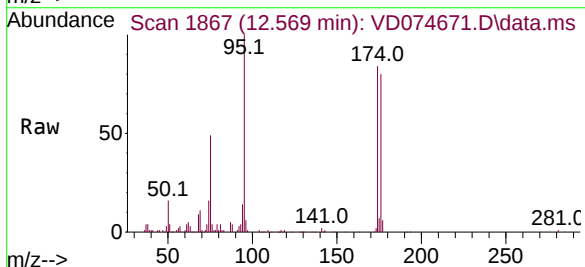
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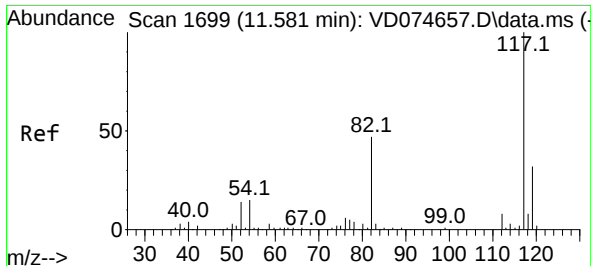
Tgt Ion: 98 Resp: 381479
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.113 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 95 Resp: 102669
Ion Ratio Lower Upper
95 100
174 91.5 0.0 197.0
176 86.9 0.0 182.6

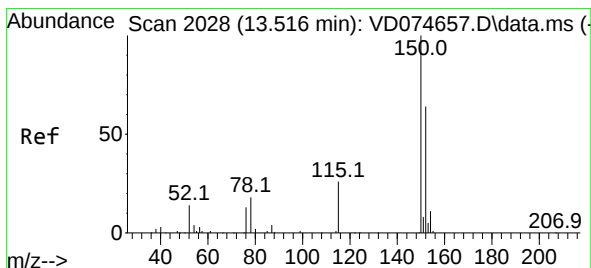
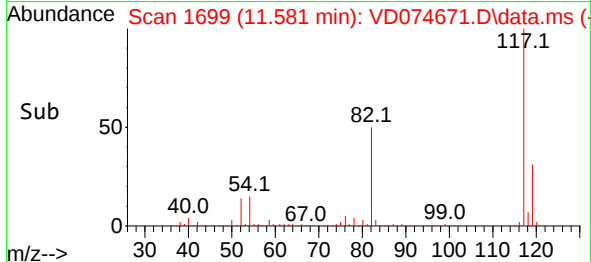
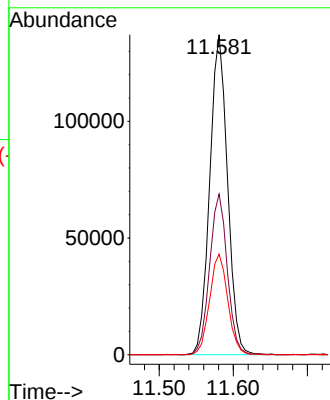
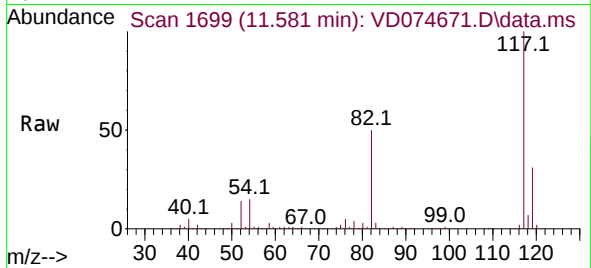




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

Tgt Ion:117 Resp: 228261
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.4 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: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion:152 Resp: 98700
Ion Ratio Lower Upper
152 100
115 57.6 26.8 80.4
150 155.5 0.0 348.2

