

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074672.D
 Acq On : 28 Oct 2022 15:30
 Operator : VA/SY
 Sample : N5313-13
 Misc : 10.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-1-NW-QUARTER

Quant Time: Oct 29 02:15:10 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	116387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61390	62.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.980%
35) Dibromofluoromethane	7.805	113	79928	61.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.060%
50) Toluene-d8	10.269	98	304322	60.921	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.840%
62) 4-Bromofluorobenzene	12.575	95	80796	58.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.780%

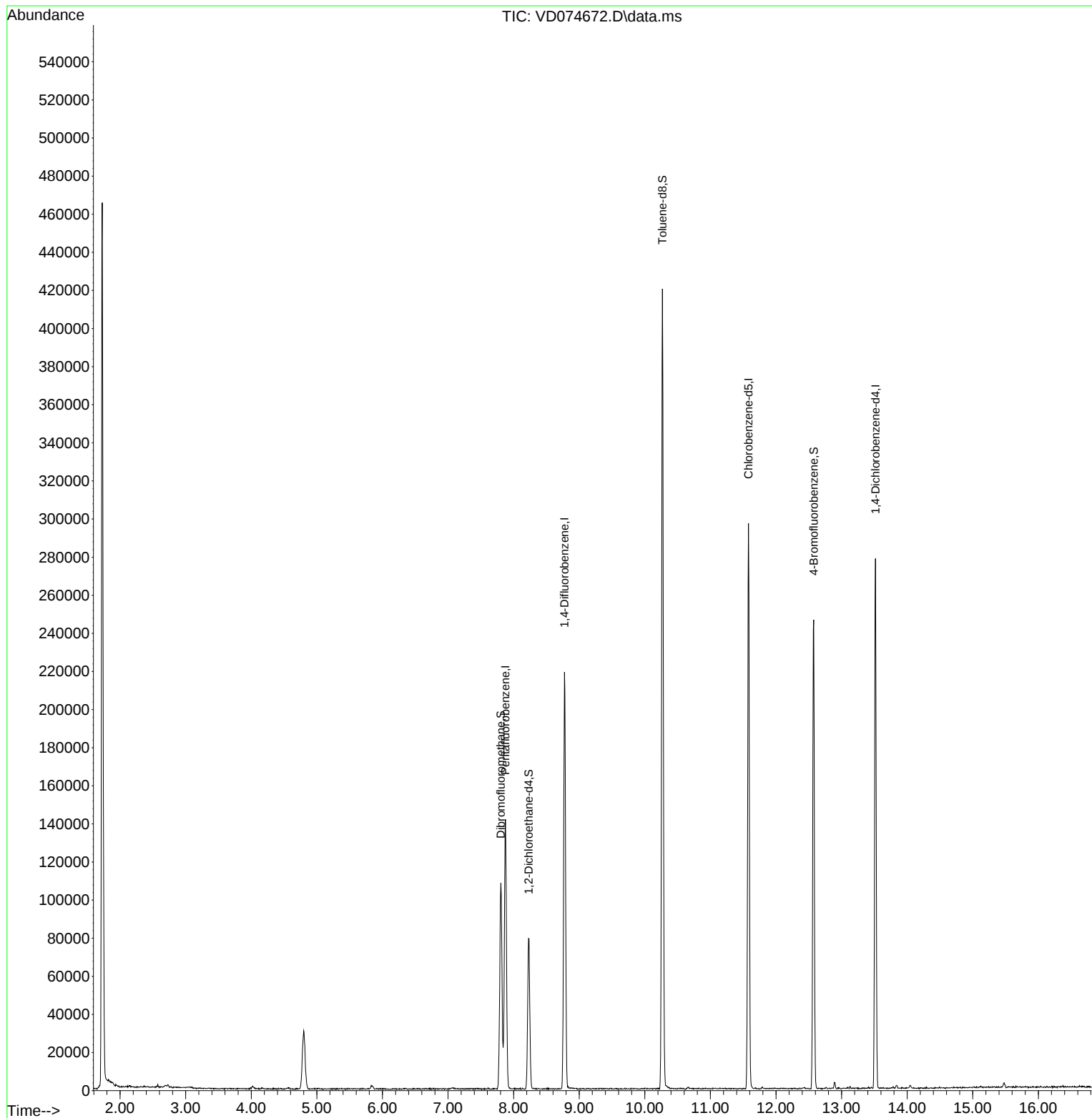
Target Compounds	Qvalue

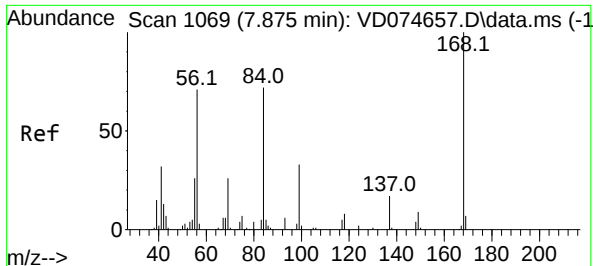
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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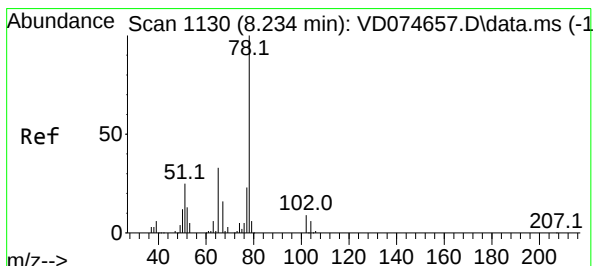
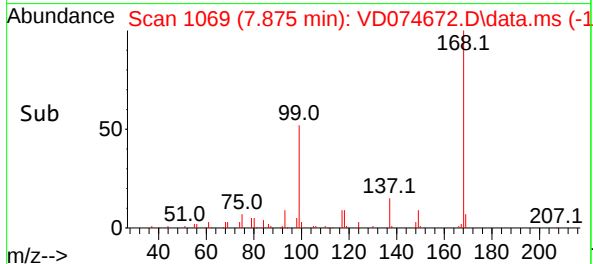
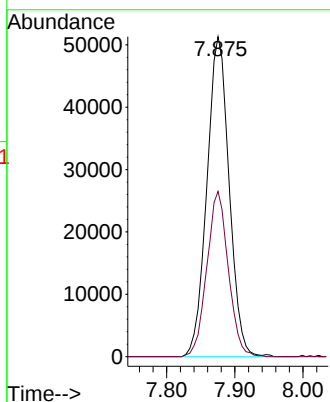
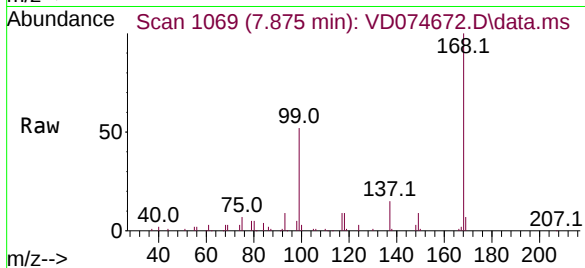




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

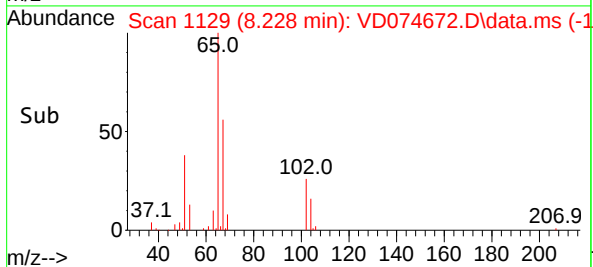
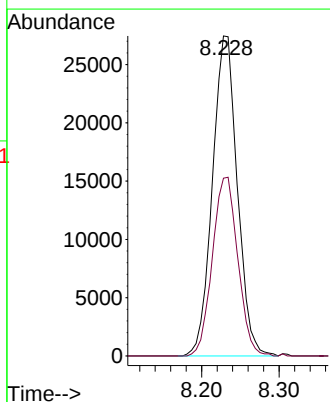
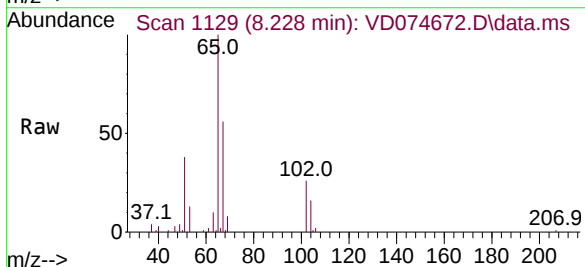
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-1-NW-QUARTER

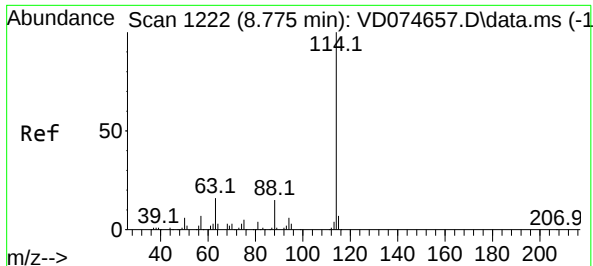
Tgt Ion:168 Resp: 116387
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 62.494 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

Tgt Ion: 65 Resp: 61390
Ion Ratio Lower Upper
65 100
67 57.0 0.0 110.2

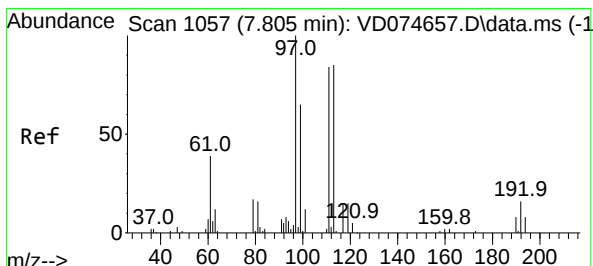
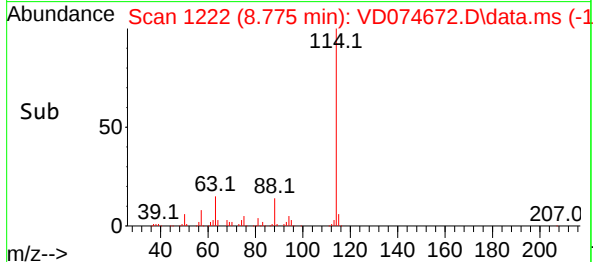
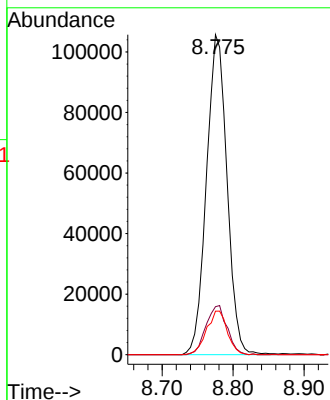
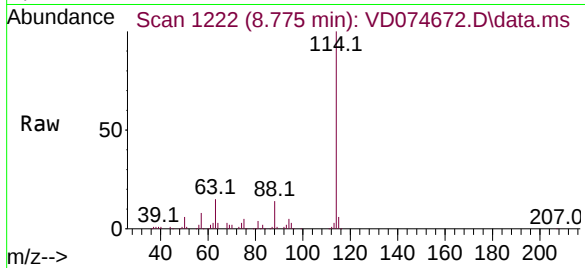




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

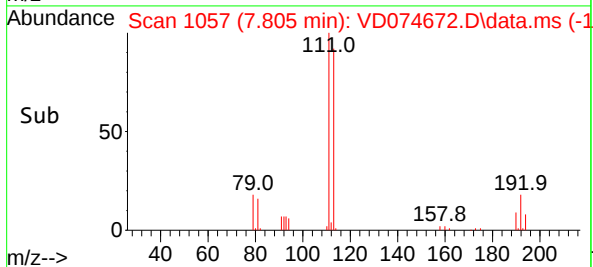
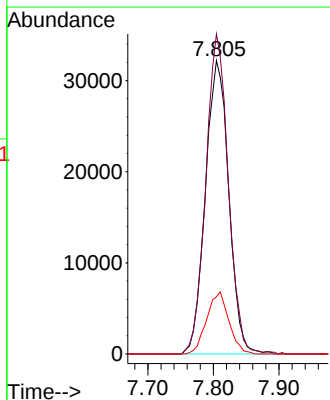
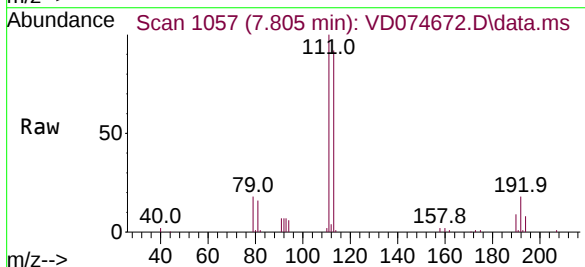
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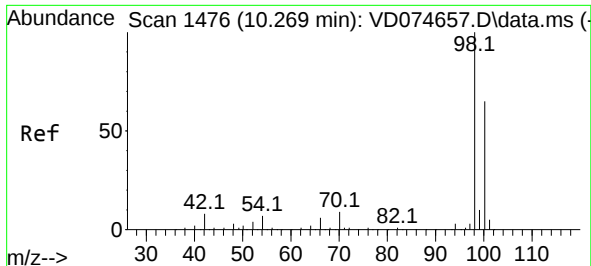
Tgt Ion:114 Resp: 212724
Ion Ratio Lower Upper
114 100
63 15.0 0.0 33.2
88 13.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 61.533 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

Tgt Ion:113 Resp: 79928
Ion Ratio Lower Upper
113 100
111 104.8 82.3 123.5
192 20.0 16.4 24.6

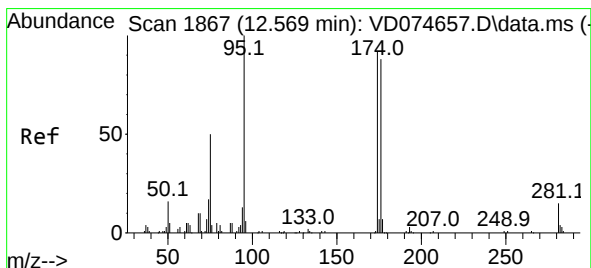
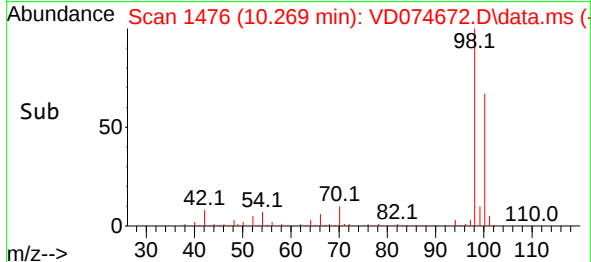
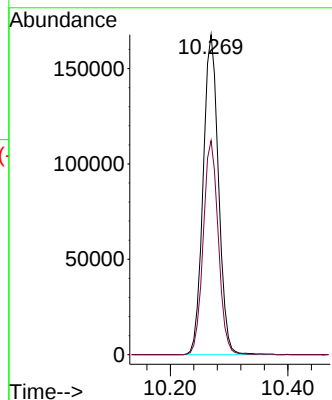
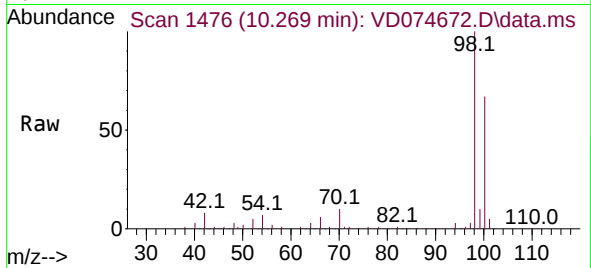




#50
Toluene-d8
Concen: 60.921 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

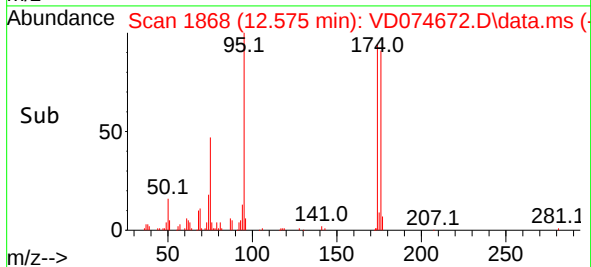
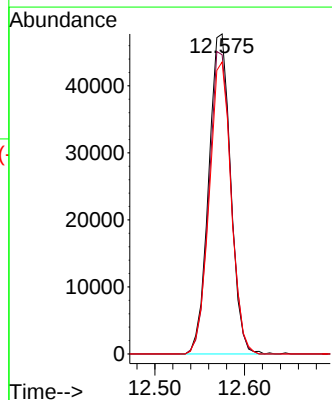
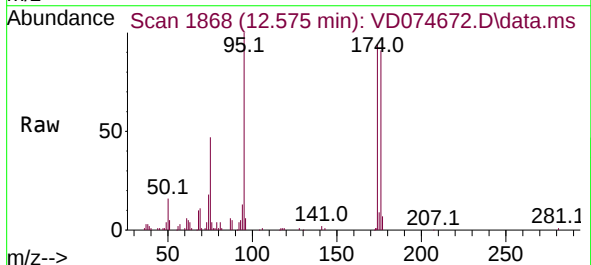
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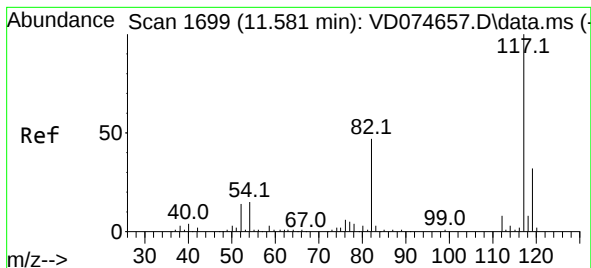
Tgt Ion: 98 Resp: 304322
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.893 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

Tgt Ion: 95 Resp: 80796
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.0
176 91.3 0.0 182.6

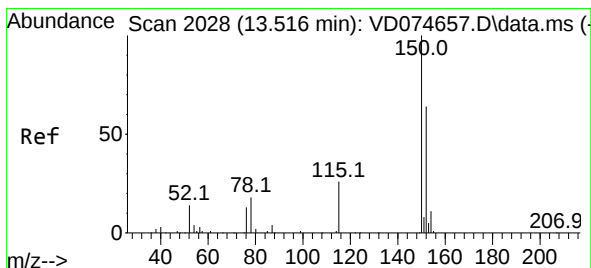
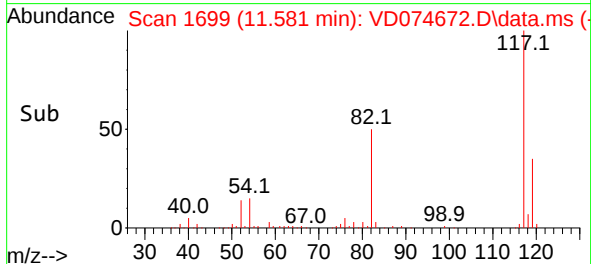
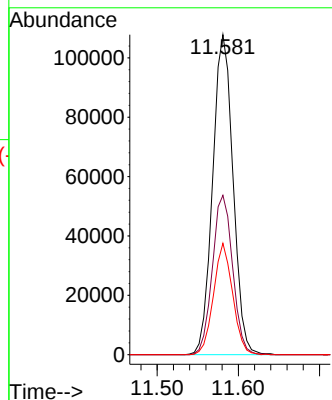
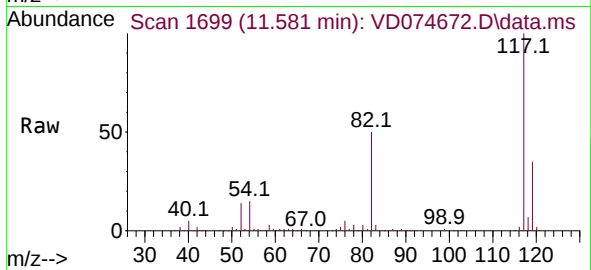




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074672.D
Acq: 28 Oct 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-1-NW-QUARTER

Tgt Ion:117 Resp: 188082
Ion Ratio Lower Upper
117 100
82 49.8 41.6 62.4
119 34.8 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: VD074672.D
Acq: 28 Oct 2022 15:30

Tgt Ion:152 Resp: 79899
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 160.2 0.0 348.2

