

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072585.D
 Acq On : 11 Apr 2022 13:58
 Operator : VA/SY
 Sample : N2337-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B250-CU

Quant Time: Apr 12 01:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	500997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	929546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	845329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	367338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295550	48.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.914	113	305445	42.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.560%
50) Toluene-d8	10.332	98	1113124	44.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.626	95	372846	38.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.040%

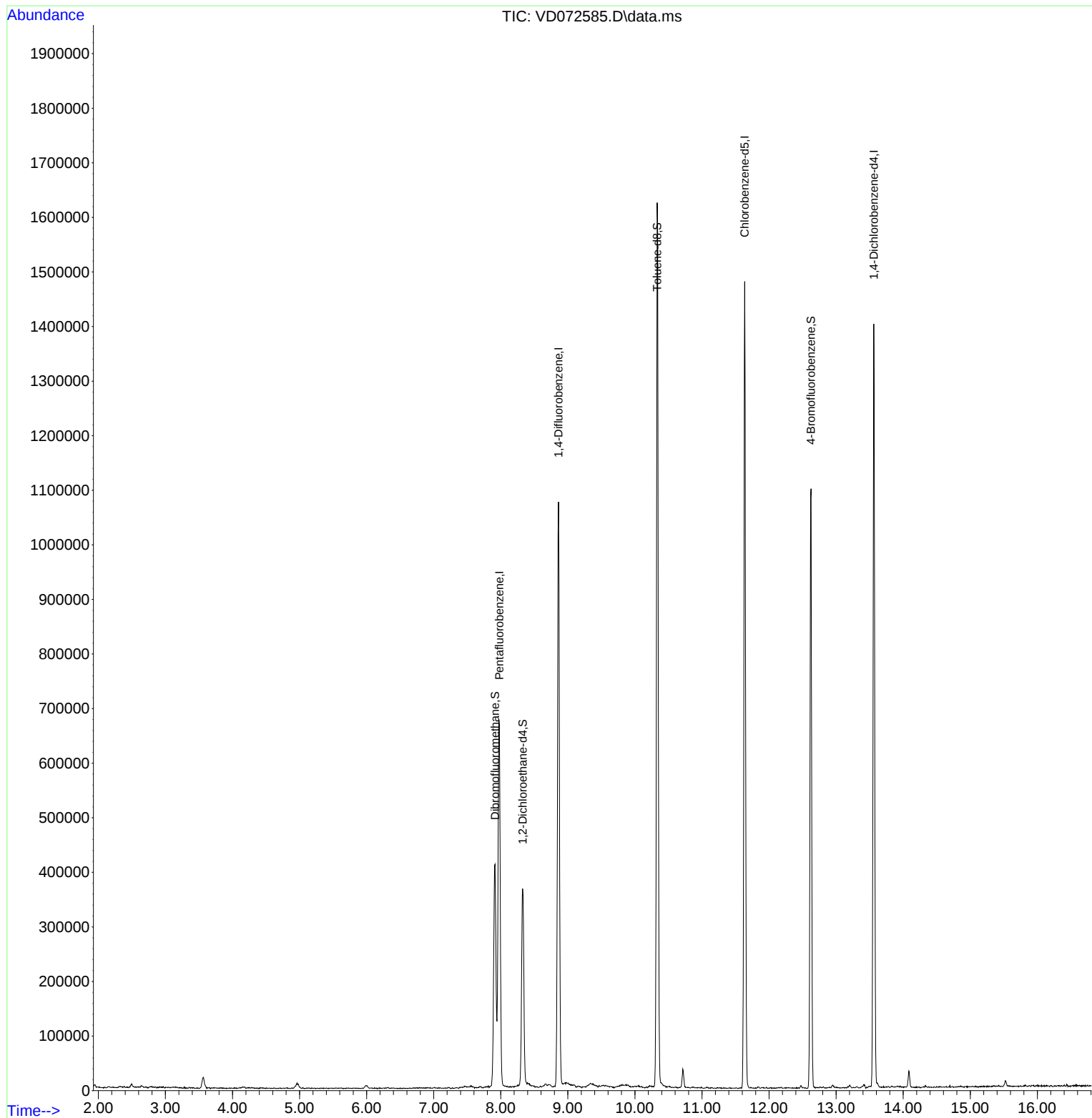
Target Compounds	Qvalue

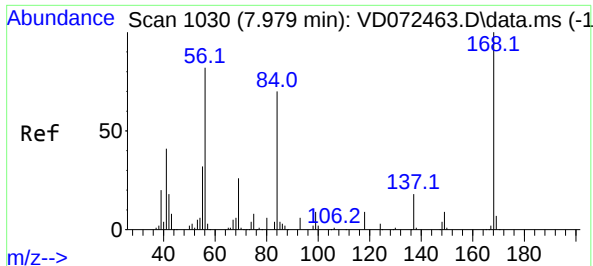
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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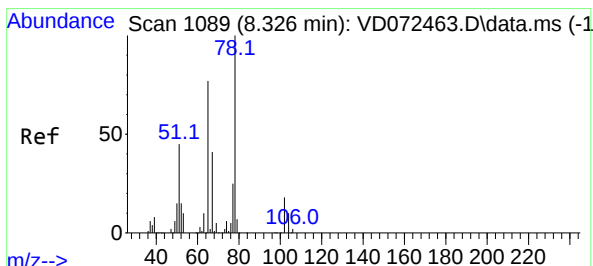
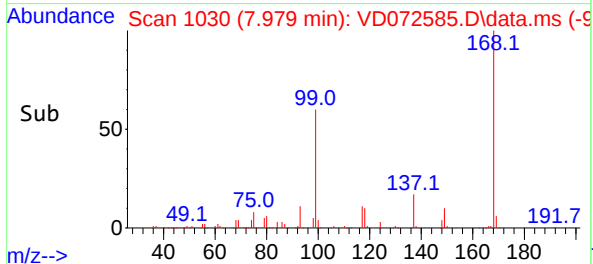
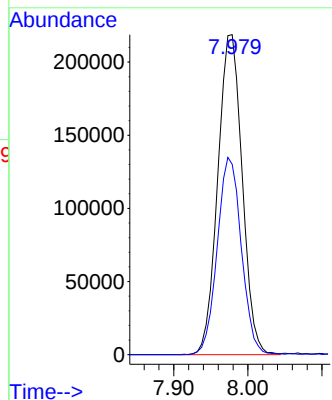
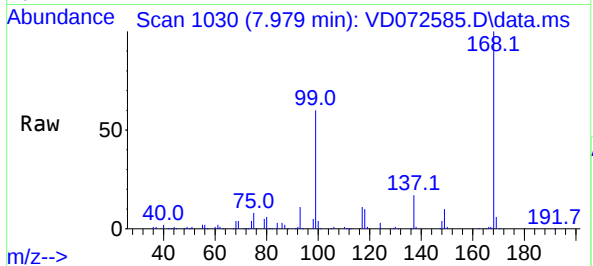




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

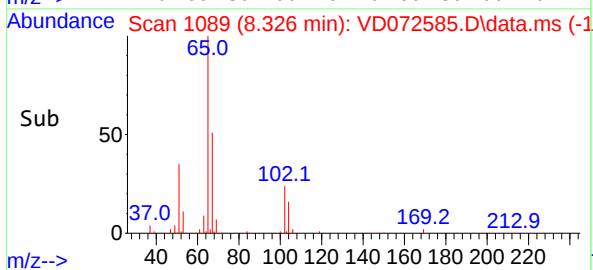
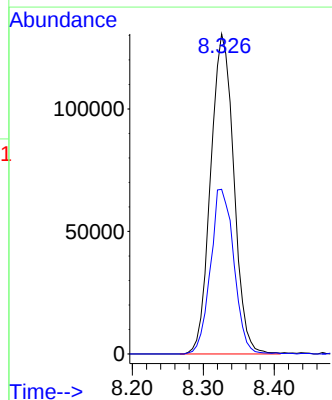
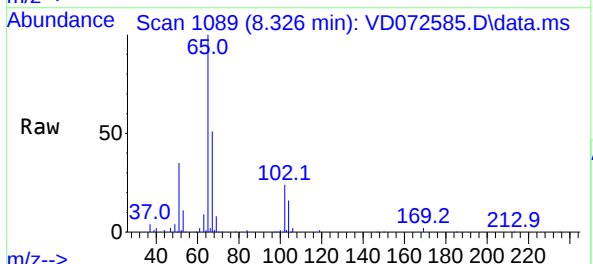
Instrument :
MSVOA_D
ClientSampleId :
B250-CU

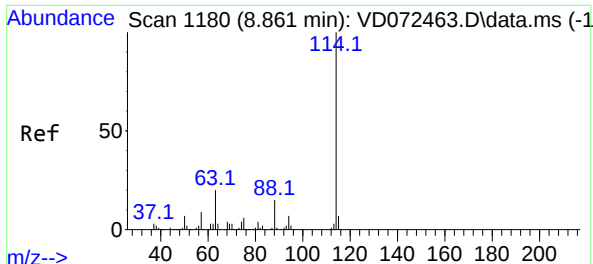
Tgt Ion:168 Resp: 500997
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.766 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

Tgt Ion: 65 Resp: 295550
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

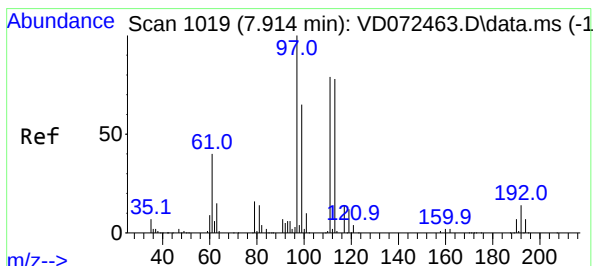
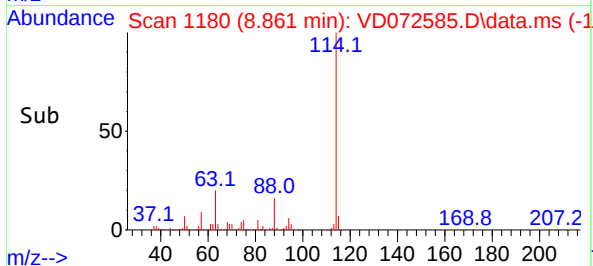
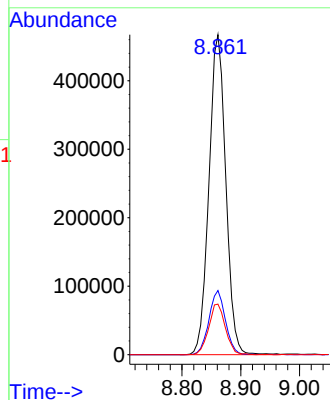
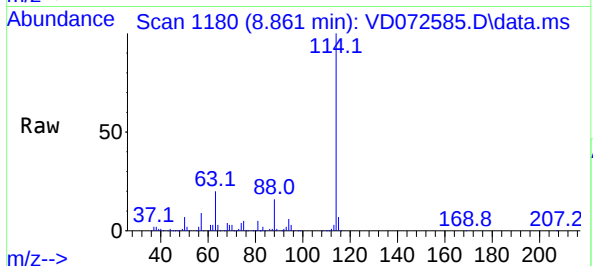




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

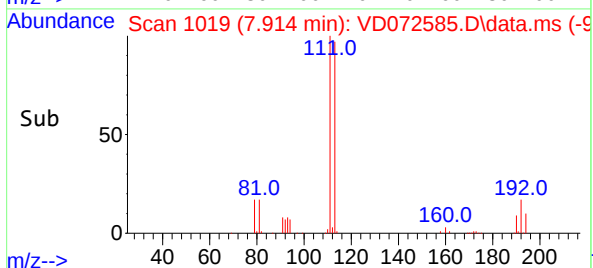
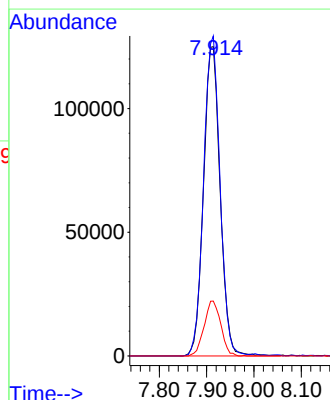
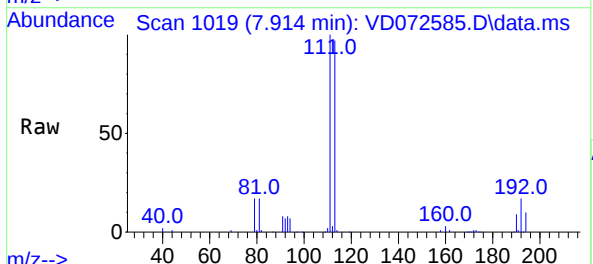
Instrument :
MSVOA_D
ClientSampleId :
B250-CU

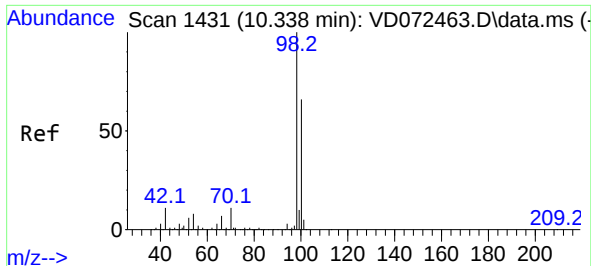
Tgt Ion:114 Resp: 929546
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.283 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

Tgt Ion:113 Resp: 305445
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.8 14.6 21.8

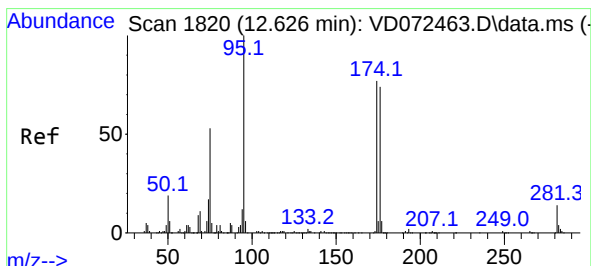
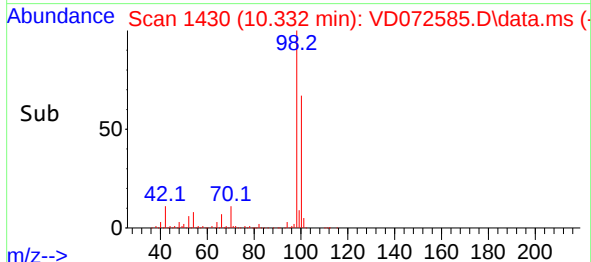
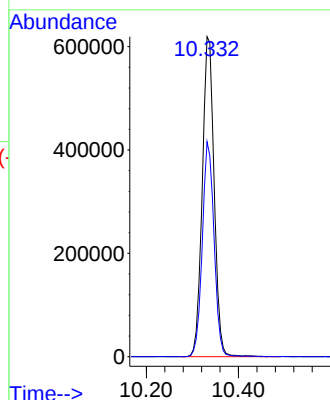
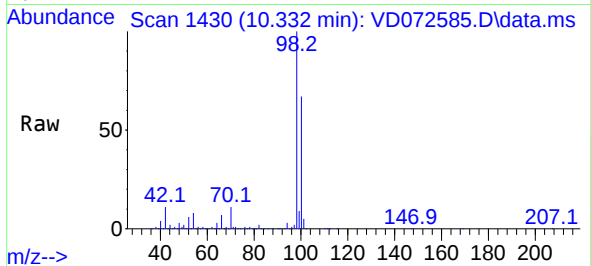




#50
Toluene-d8
Concen: 44.329 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

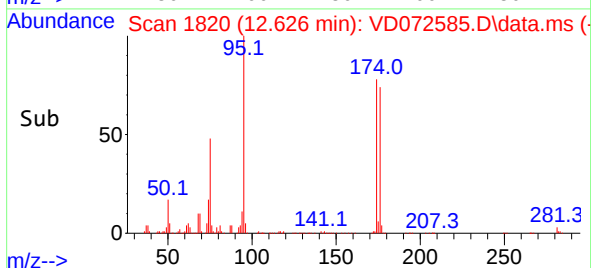
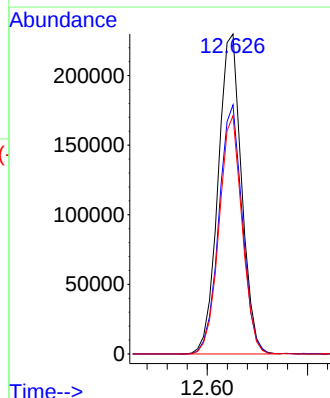
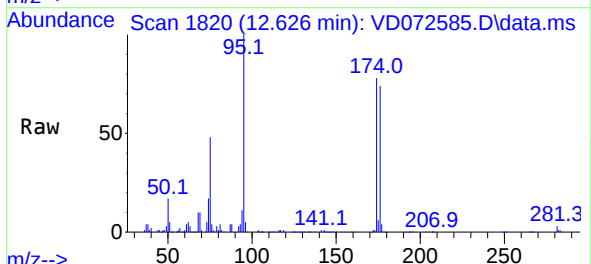
Instrument :
MSVOA_D
ClientSampleId :
B250-CU

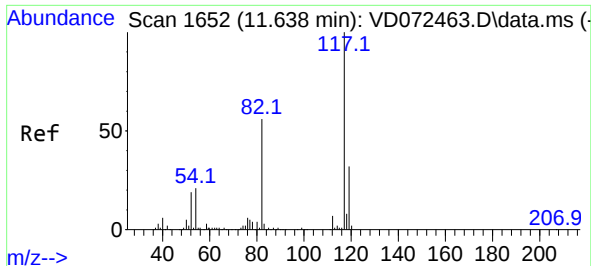
Tgt Ion: 98 Resp: 1113124
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.019 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

Tgt Ion: 95 Resp: 372846
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 72.9 0.0 145.4

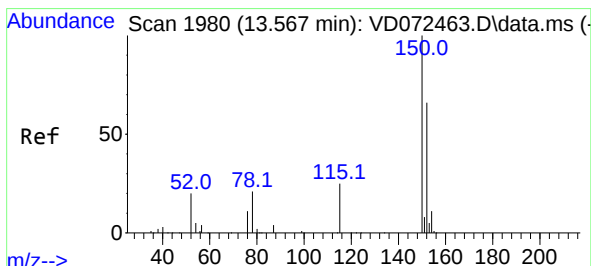
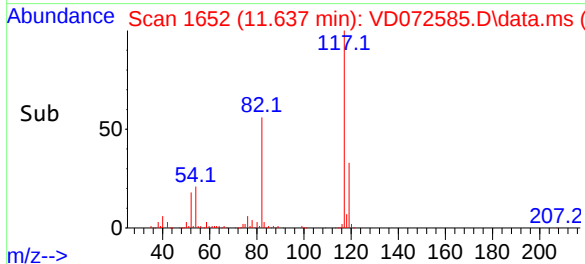
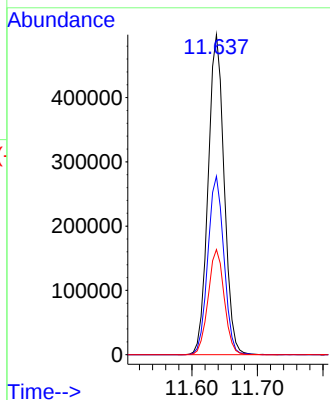
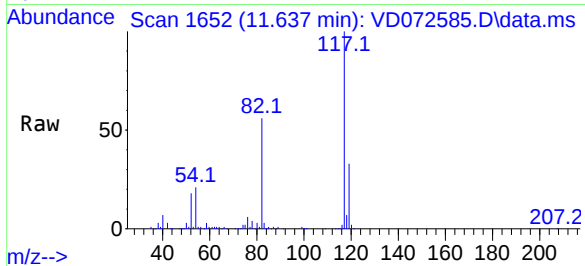




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

Instrument :
MSVOA_D
ClientSampleId :
B250-CU

Tgt Ion:117 Resp: 845329
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072585.D
Acq: 11 Apr 2022 13:58

Tgt Ion:152 Resp: 367338
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 158.3 0.0 348.6

