

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072643.D
 Acq On : 20 Apr 2022 13:18
 Operator : VA/SY
 Sample : N2442-03
 Misc : 3.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124030

Quant Time: Apr 20 14:49:20 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	495397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	875354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	816088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	362929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268532	44.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.620%
35) Dibromofluoromethane	7.914	113	279925	41.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.300%
50) Toluene-d8	10.332	98	1042696	44.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.620	95	360906	39.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.160%

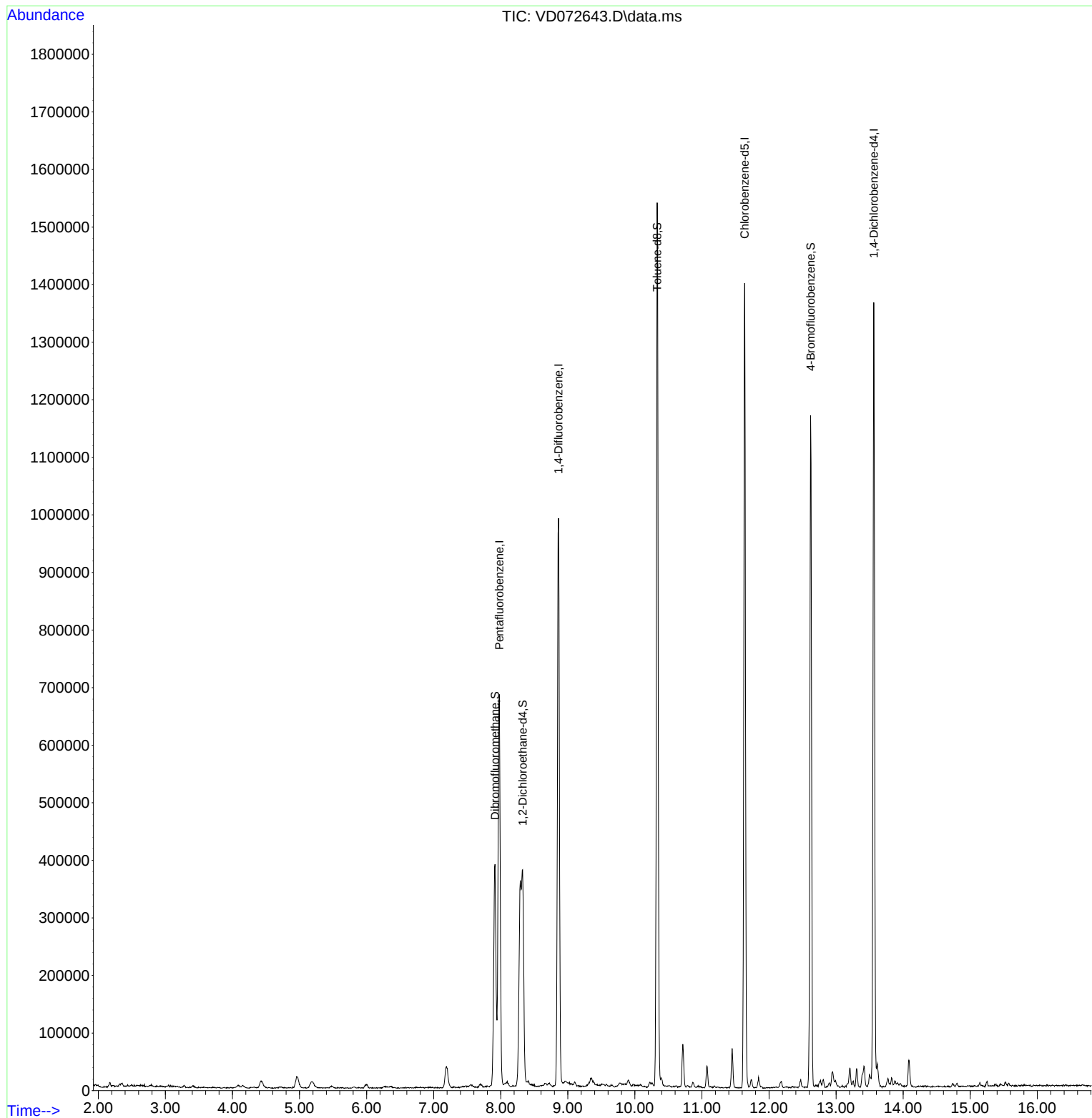
Target Compounds	Qvalue

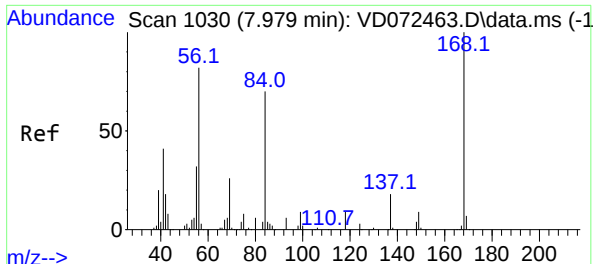
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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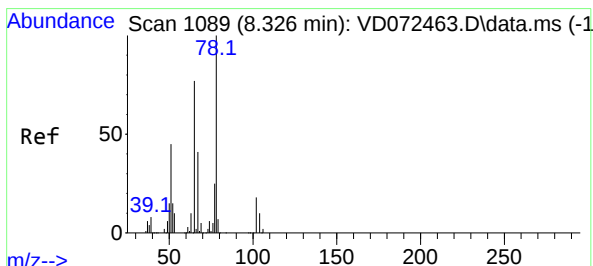
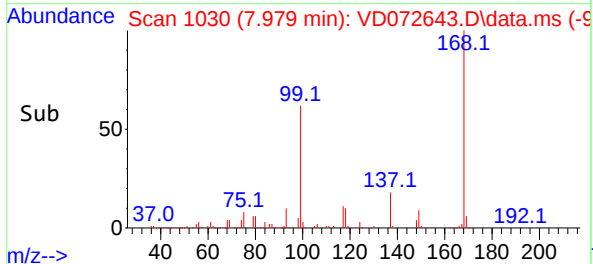
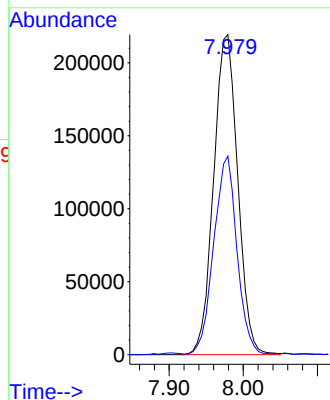
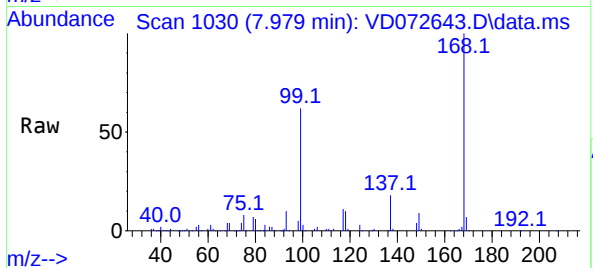




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

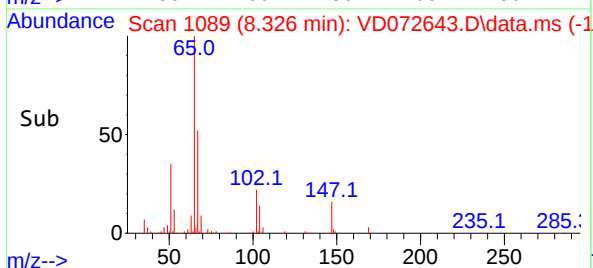
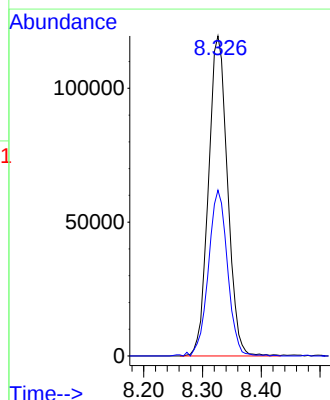
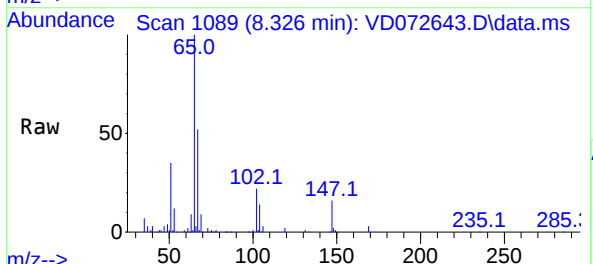
Instrument :
MSVOA_D
ClientSampleId :
124030

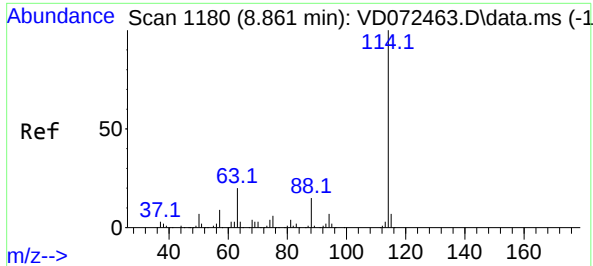
Tgt Ion:168 Resp: 495397
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.809 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

Tgt Ion: 65 Resp: 268532
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



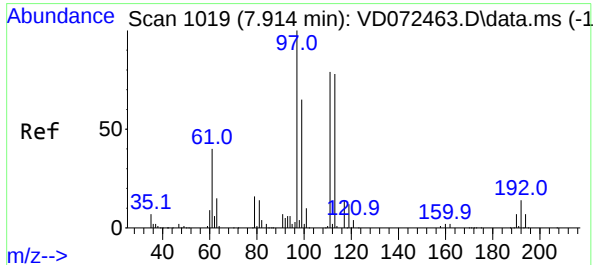
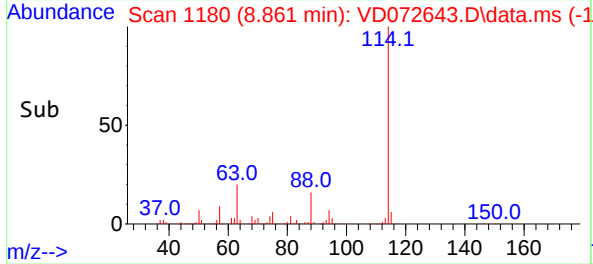
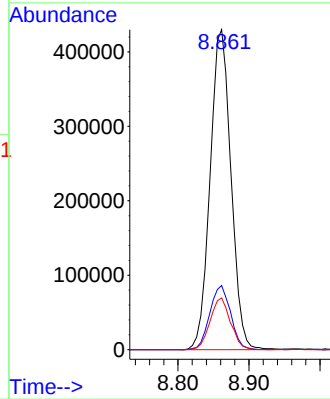
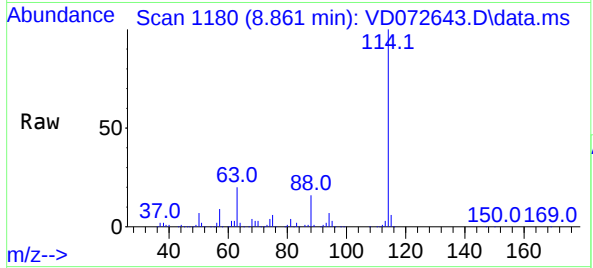


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

Instrument :
MSVOA_D
ClientSampleId :
124030

Tgt Ion:114 Resp: 875354

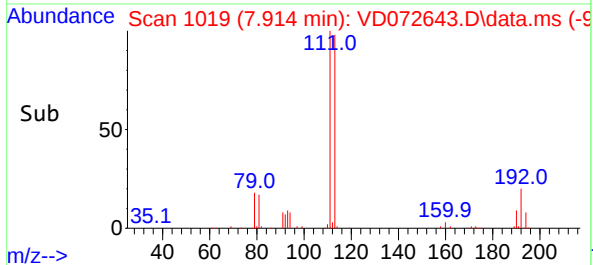
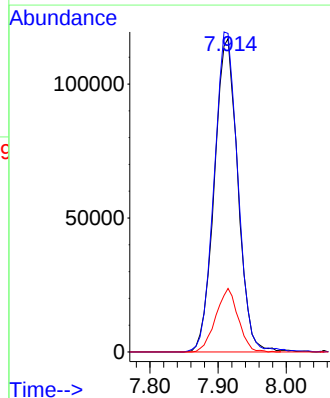
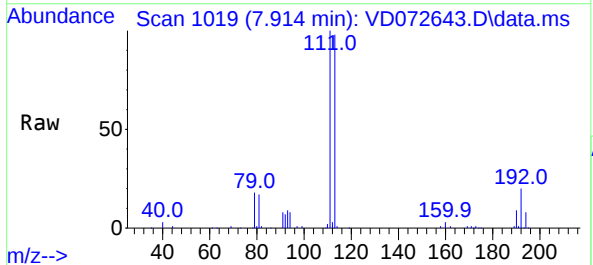
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	16.2	0.0	33.2

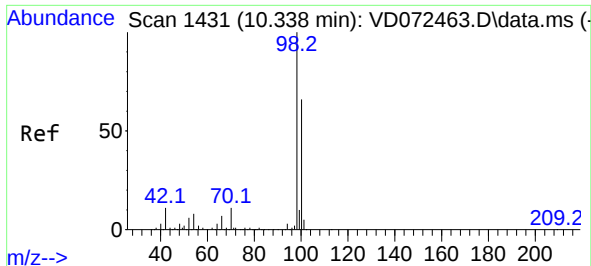


#35
Dibromofluoromethane
Concen: 41.149 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

Tgt Ion:113 Resp: 279925

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	19.4	14.6	21.8

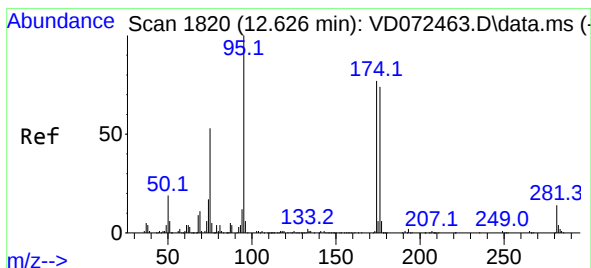
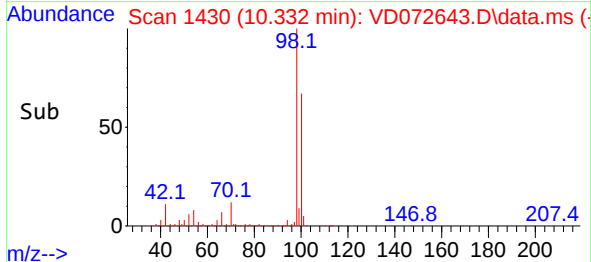
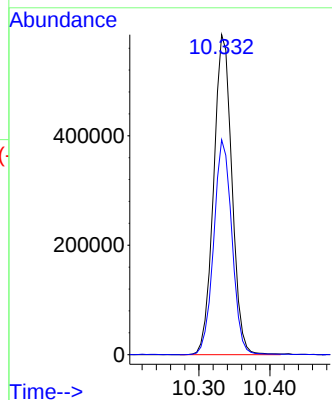
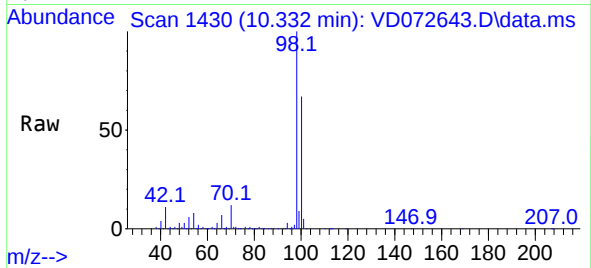




#50
Toluene-d8
Concen: 44.095 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

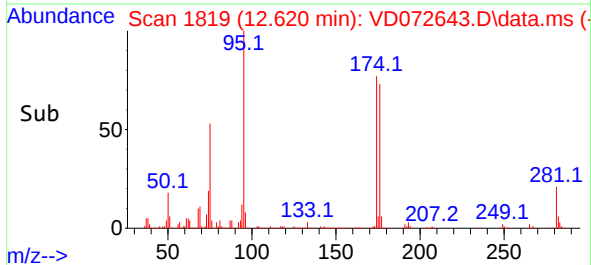
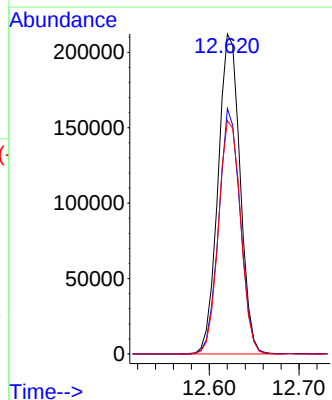
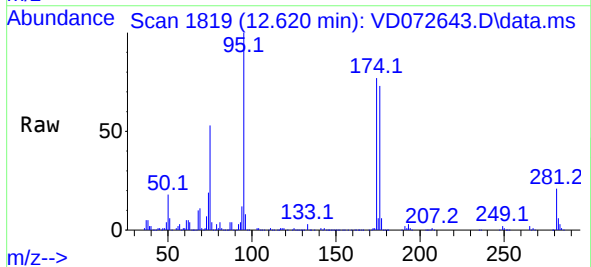
Instrument :
MSVOA_D
ClientSampleId :
124030

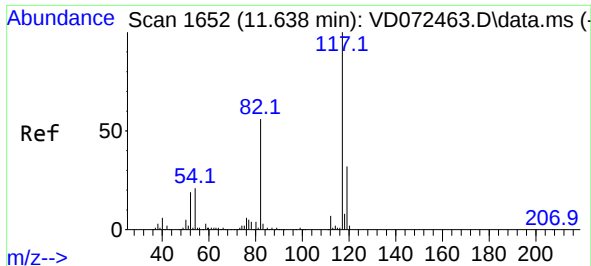
Tgt Ion: 98 Resp: 1042696
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.080 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

Tgt Ion: 95 Resp: 360906
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 73.4 0.0 145.4

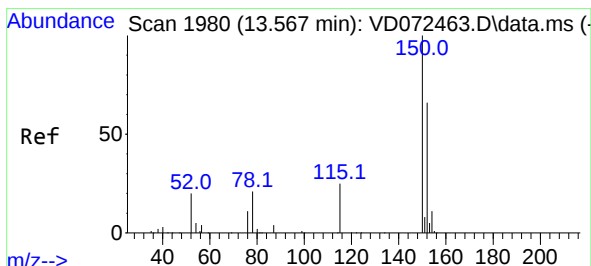
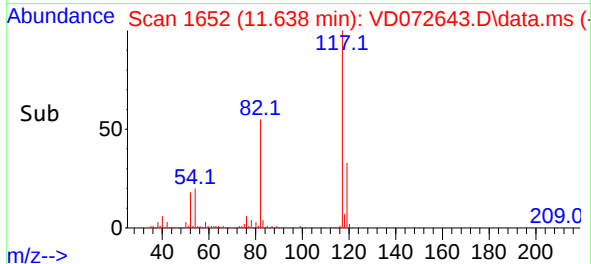
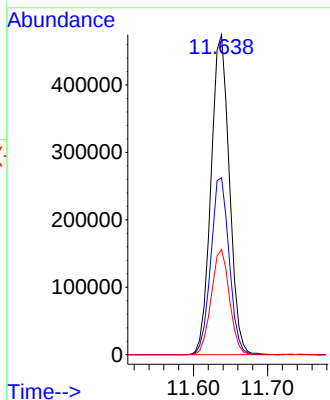
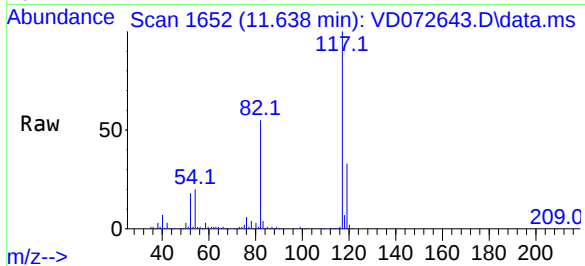




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072643.D
Acq: 20 Apr 2022 13:18

Instrument :
MSVOA_D
ClientSampleId :
124030

Tgt Ion:117 Resp: 816088
Ion Ratio Lower Upper
117 100
82 55.3 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: VD072643.D
Acq: 20 Apr 2022 13:18

Tgt Ion:152 Resp: 362929
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 156.6 0.0 348.6

