

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073465.D
 Acq On : 02 Jun 2022 12:00
 Operator : VA/SY
 Sample : N3113-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357

Quant Time: Jun 03 01:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	295181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	555529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142375	43.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.909	113	174415	50.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.332	98	652818	50.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.620	95	243197	54.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.100%

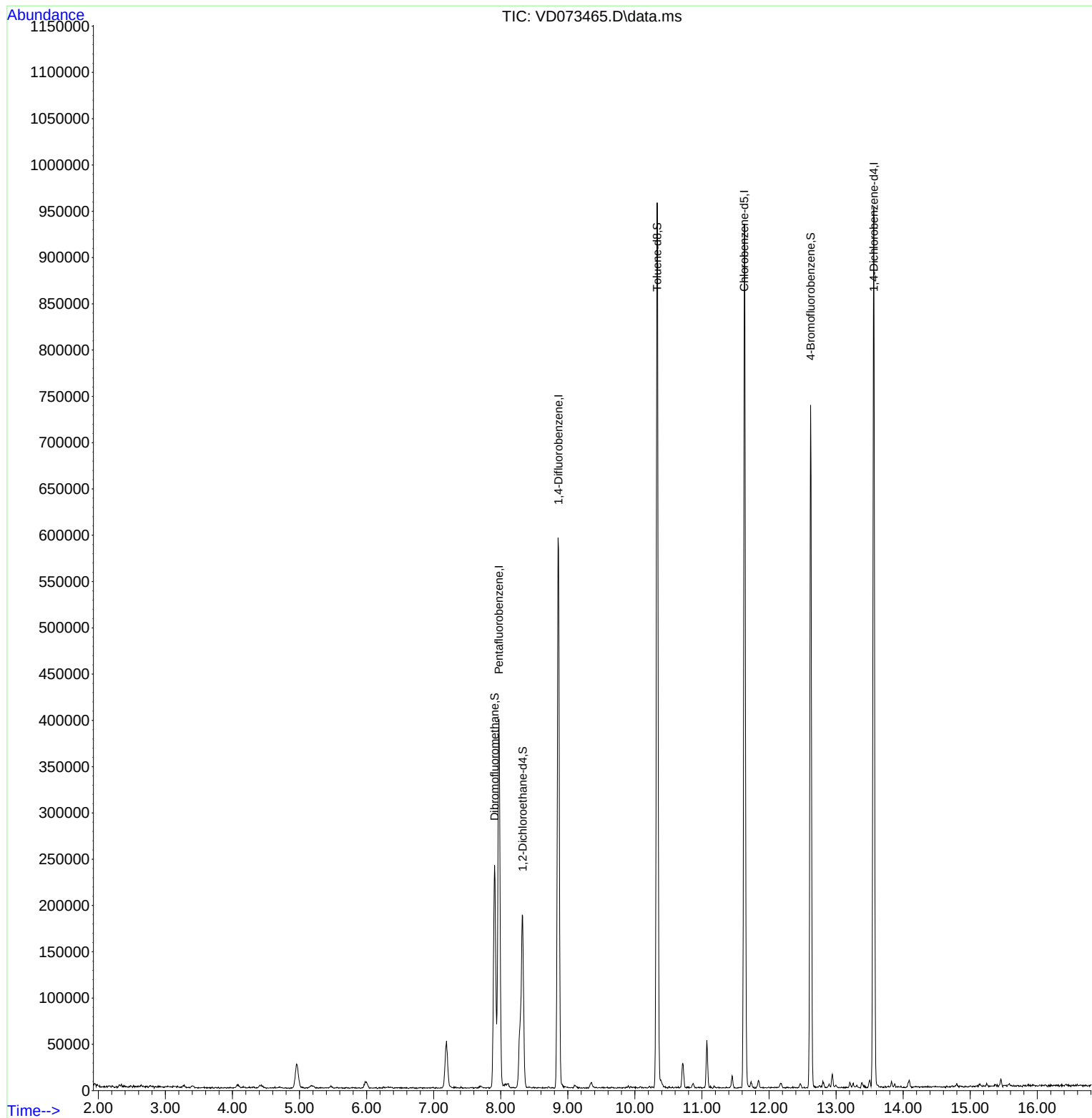
Target Compounds	Qvalue

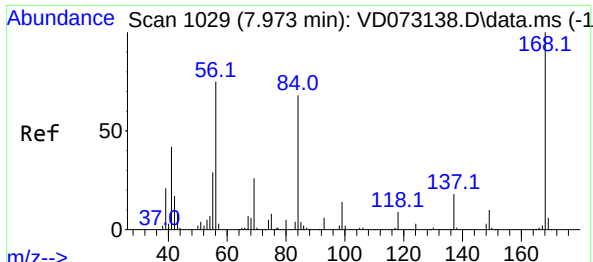
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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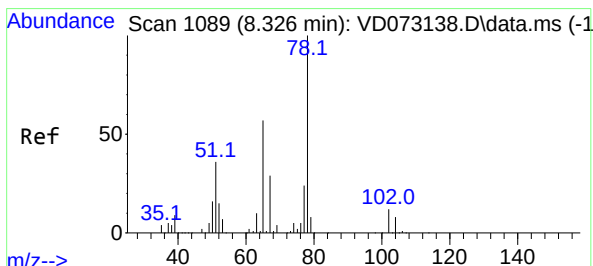
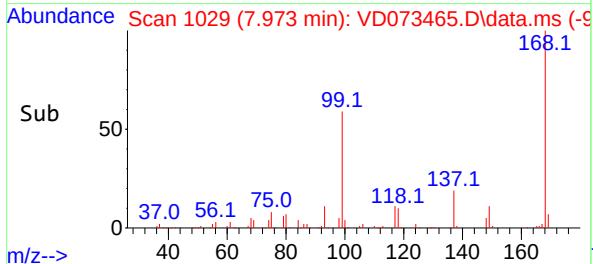
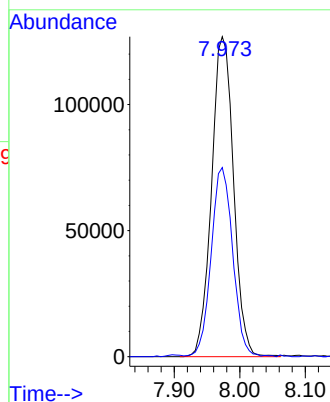
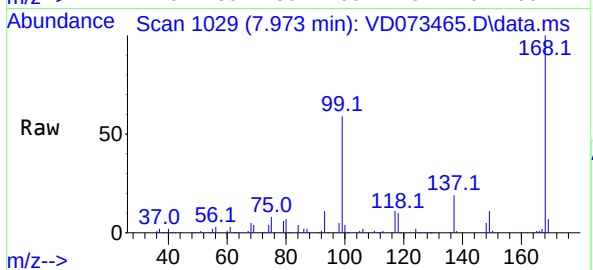




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

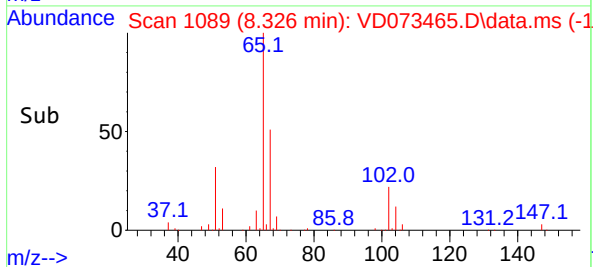
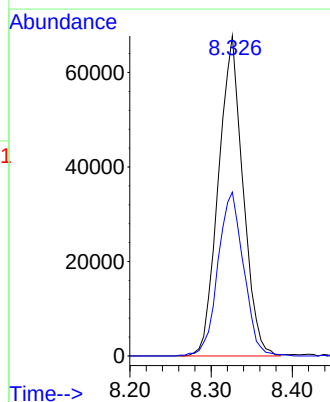
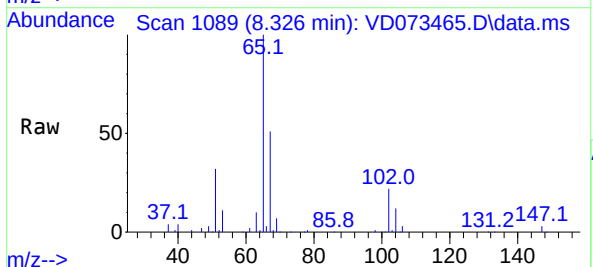
Instrument :
MSVOA_D
ClientSampleId :
357

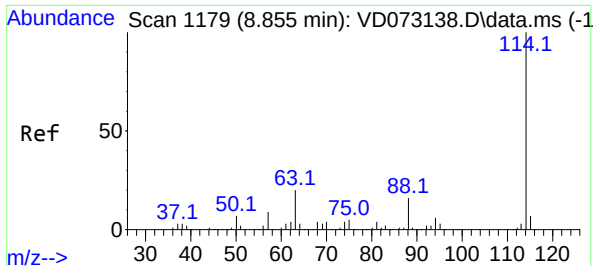
Tgt Ion:168 Resp: 295181
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.644 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

Tgt Ion: 65 Resp: 142375
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.4

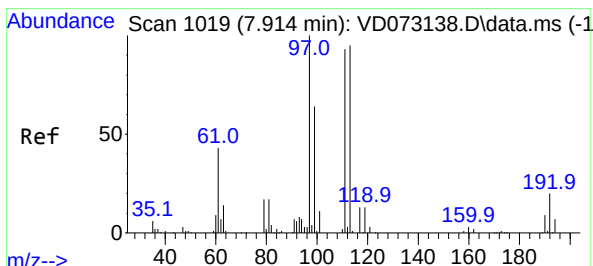
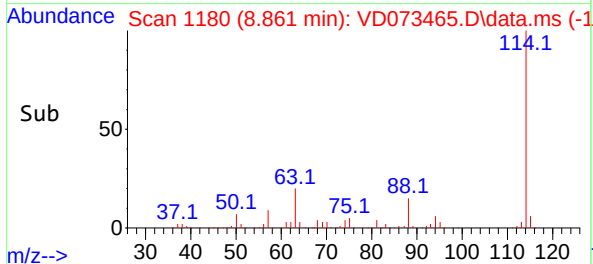
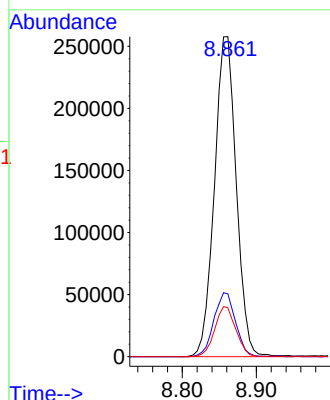
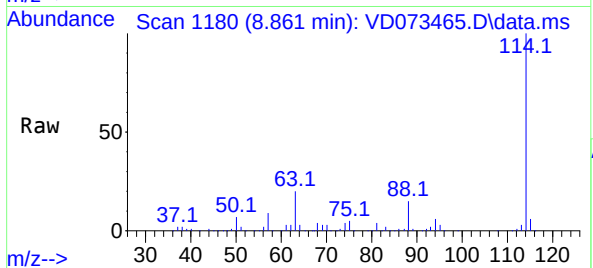




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

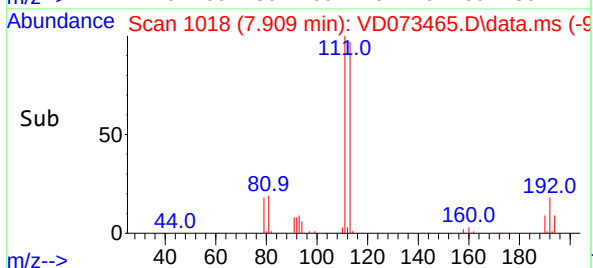
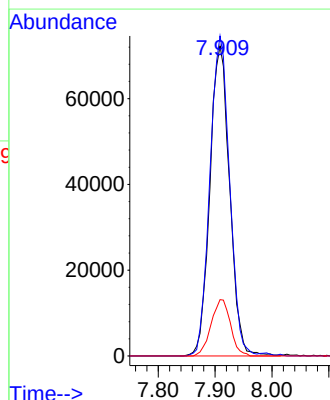
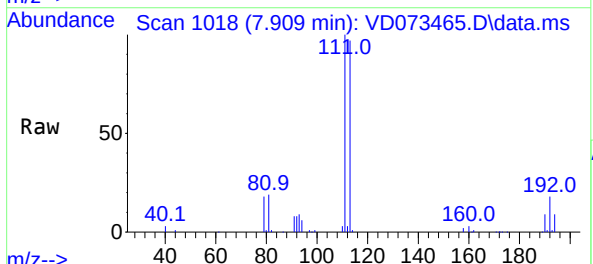
Instrument :
MSVOA_D
ClientSampleId :
357

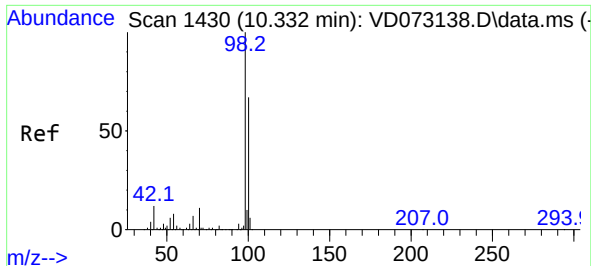
Tgt Ion:114 Resp: 527089
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.147 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

Tgt Ion:113 Resp: 174415
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.8 14.6 21.8

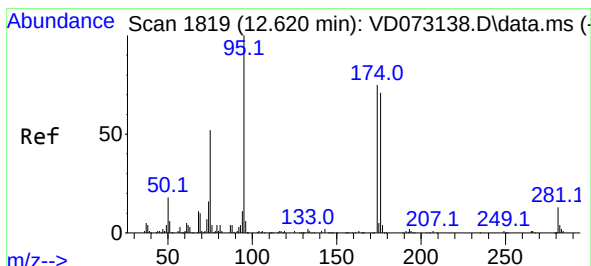
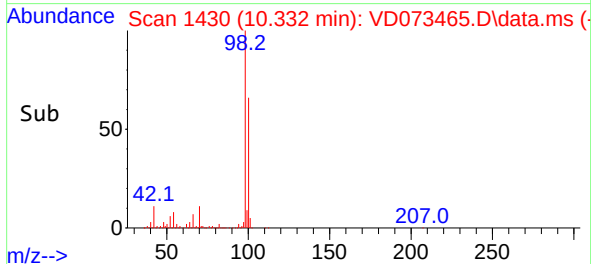
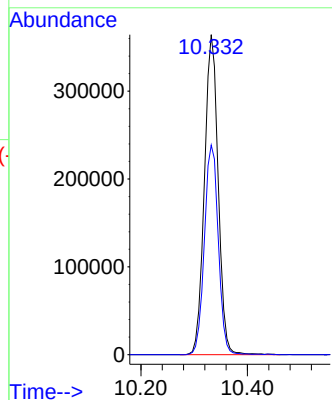
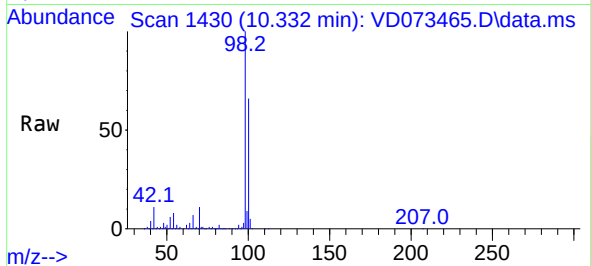




#50
Toluene-d8
Concen: 50.918 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

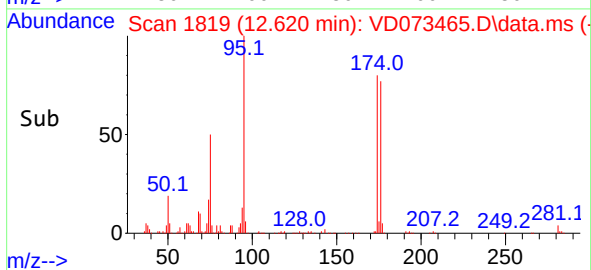
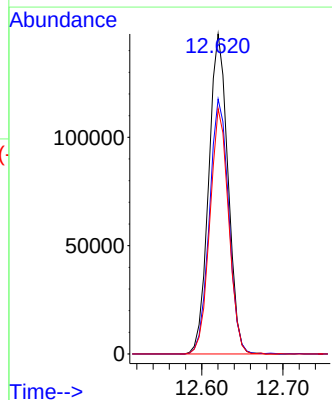
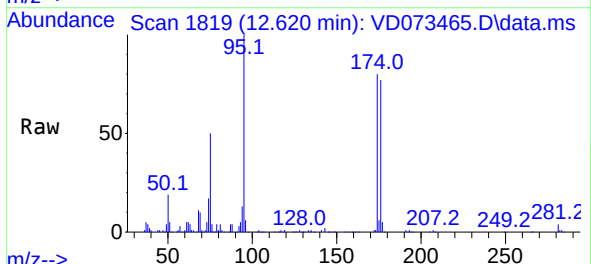
Instrument :
MSVOA_D
ClientSampleId :
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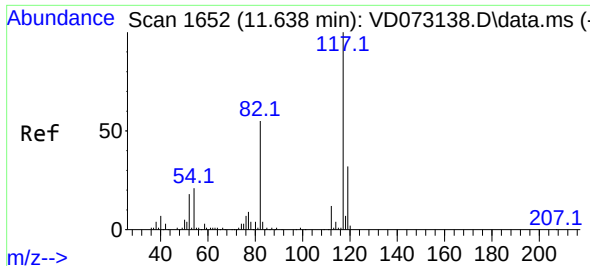
Tgt Ion: 98 Resp: 652818
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.050 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

Tgt Ion: 95 Resp: 243197
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 74.6 0.0 145.4

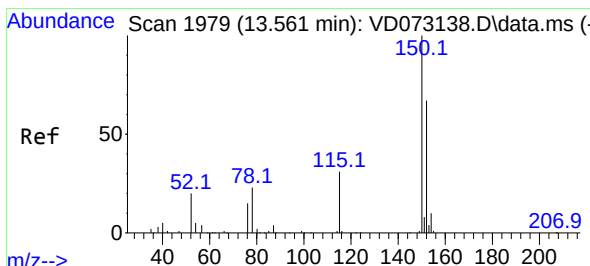
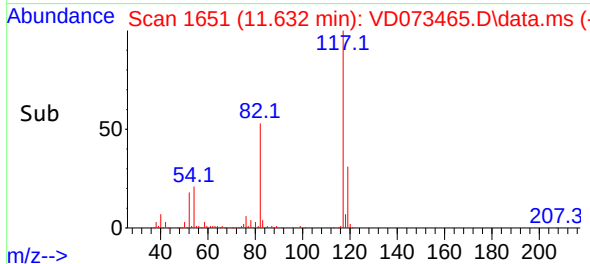
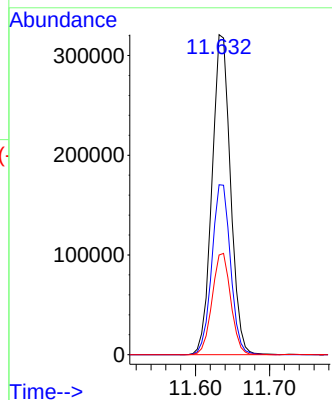
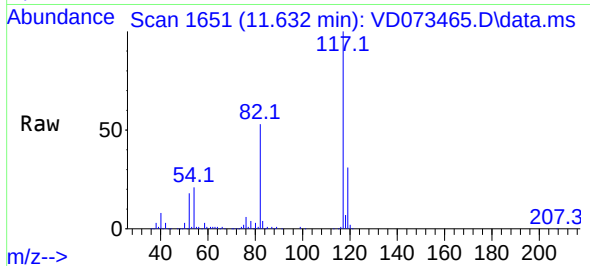




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

Instrument :
MSVOA_D
ClientSampleId :
357

Tgt Ion:117 Resp: 555529
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073465.D
Acq: 02 Jun 2022 12:00

Tgt Ion:152 Resp: 257960
Ion Ratio Lower Upper
152 100
115 58.8 31.3 93.8
150 154.8 0.0 348.6

