

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073545.D
 Acq On : 13 Jun 2022 14:44
 Operator : VA/SY
 Sample : N3295-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-060922

Quant Time: Jun 14 01:28:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	199258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	367442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	109067	51.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.020%
35) Dibromofluoromethane	7.909	113	128937	54.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.140%
50) Toluene-d8	10.332	98	479787	53.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.620	95	206536	63.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.380%

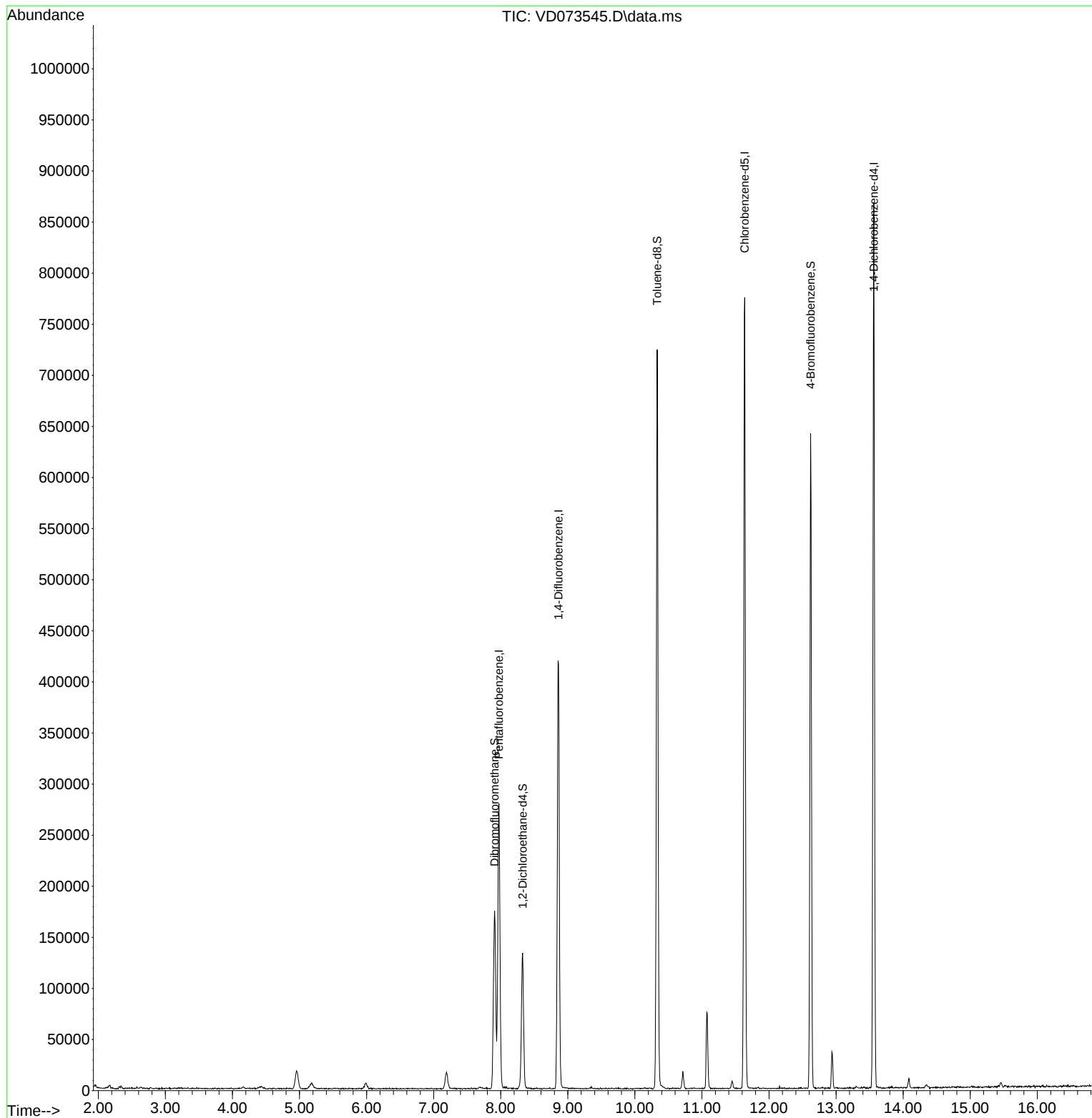
Target Compounds	Qvalue

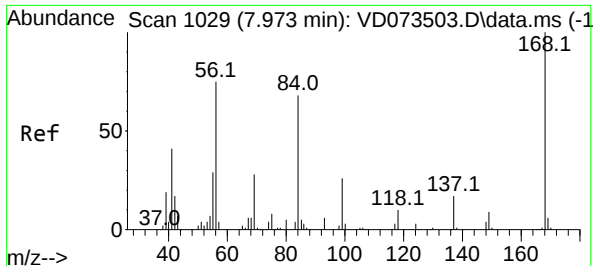
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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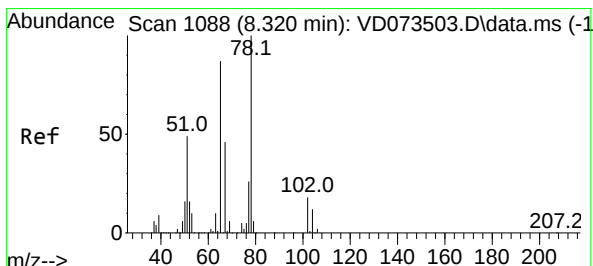
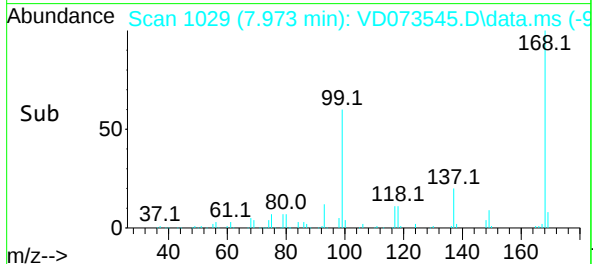
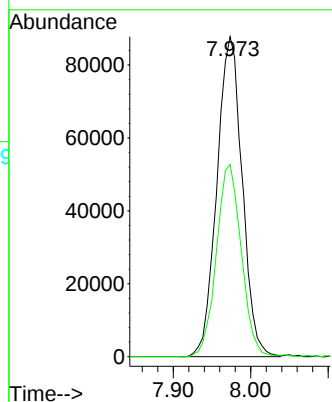
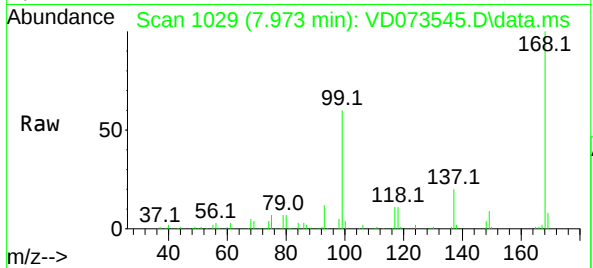




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

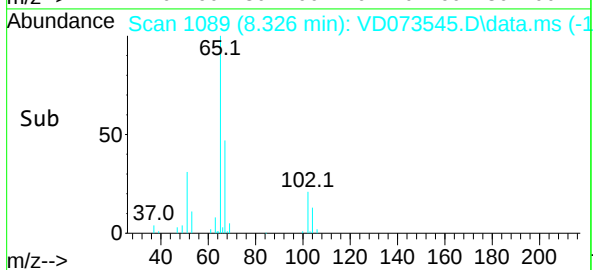
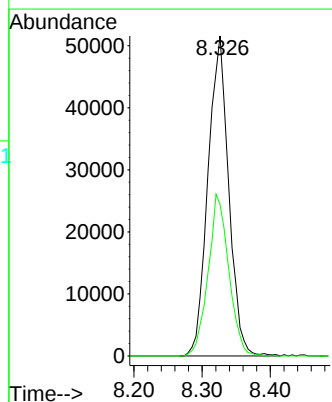
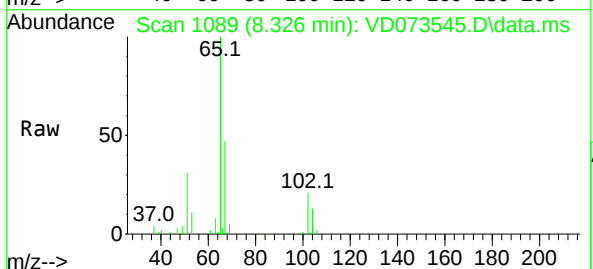
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

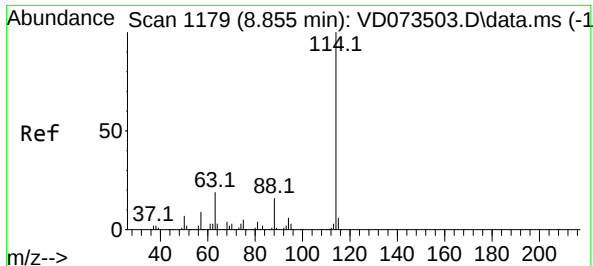
Tgt Ion:168 Resp: 199258
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.006 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 65 Resp: 109067
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4

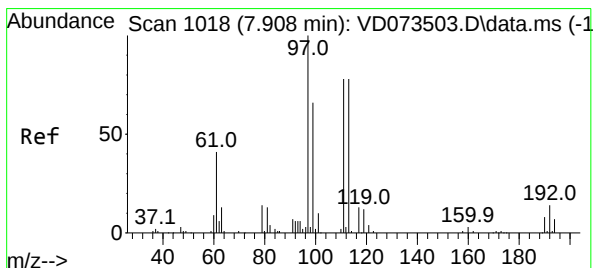
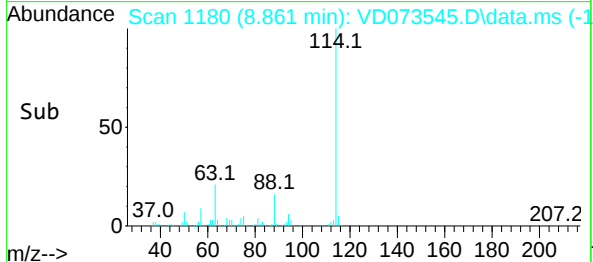
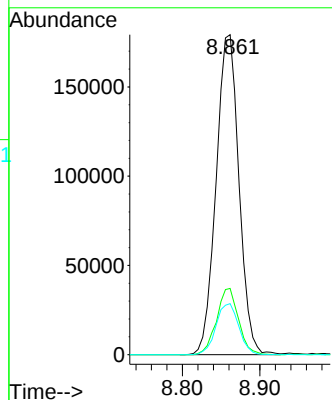
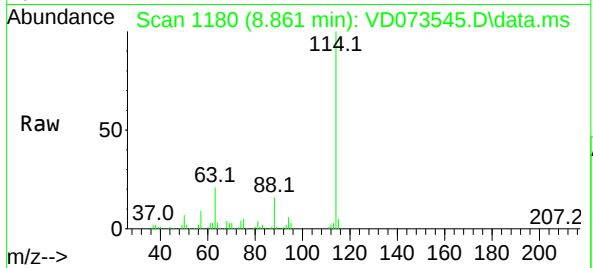




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

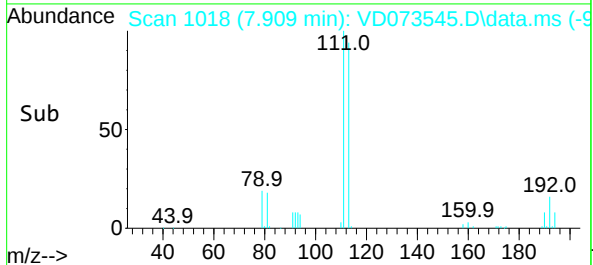
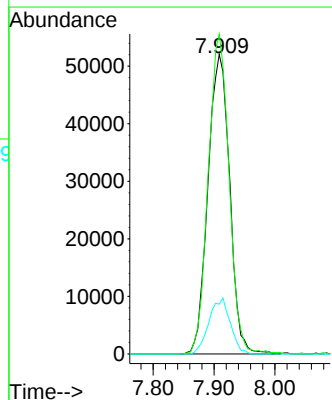
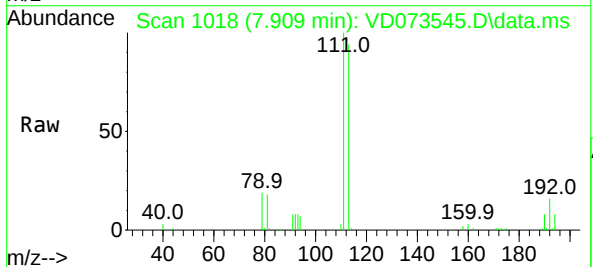
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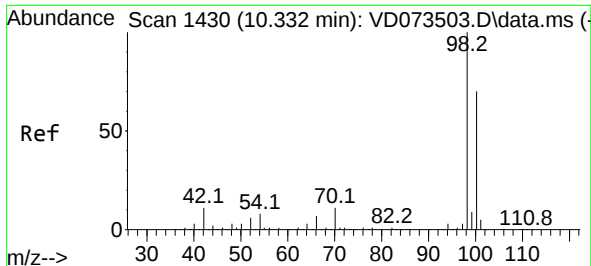
Tgt Ion:114 Resp: 367442
Ion Ratio Lower Upper
114 100
63 20.7 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.570 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion:113 Resp: 128937
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.3 14.6 21.8

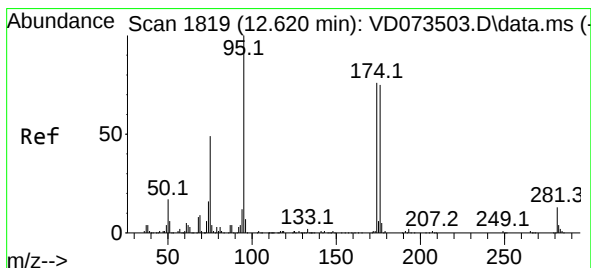
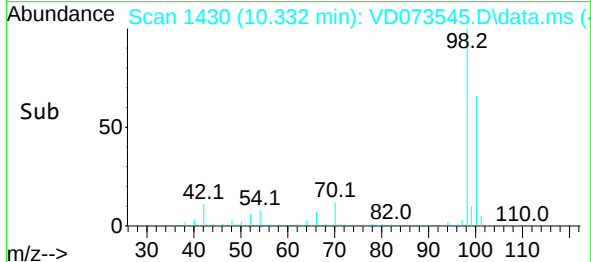
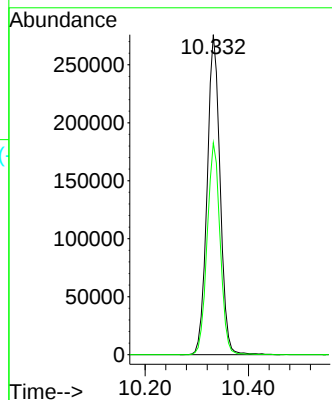
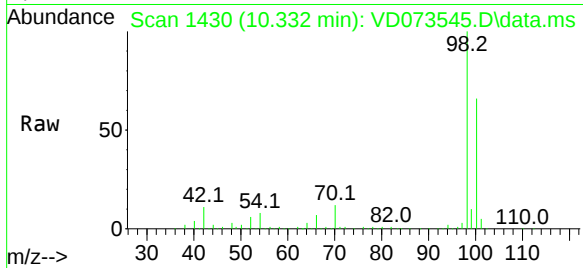




#50
Toluene-d8
Concen: 53.707 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

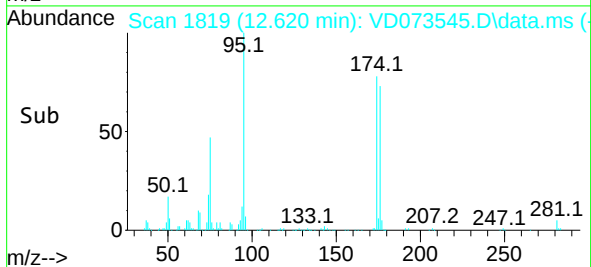
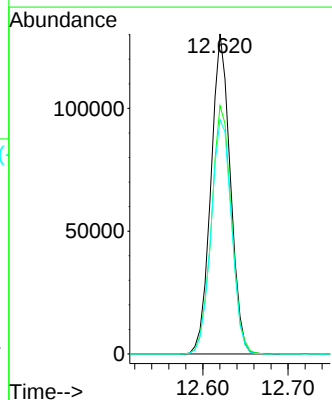
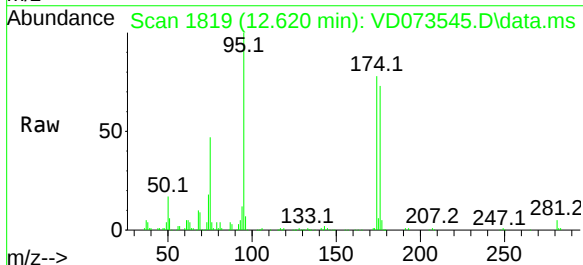
Instrument :
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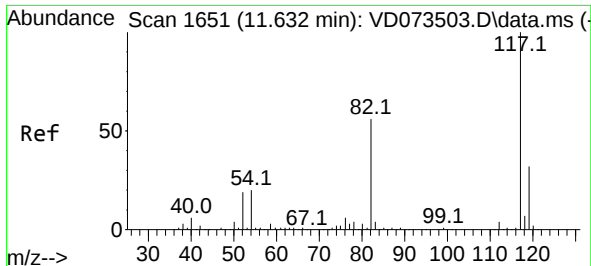
Tgt Ion: 98 Resp: 479787
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 63.685 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 95 Resp: 206536
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 77.0 0.0 145.4

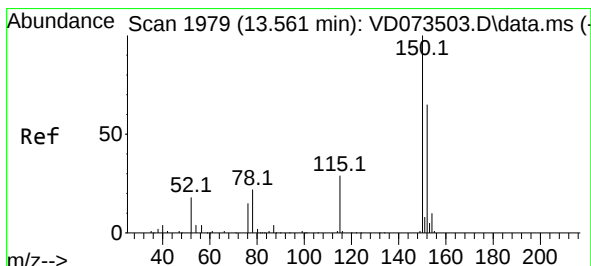
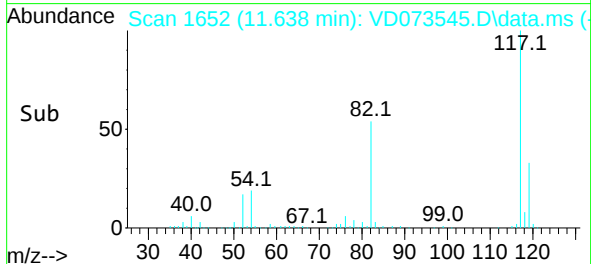
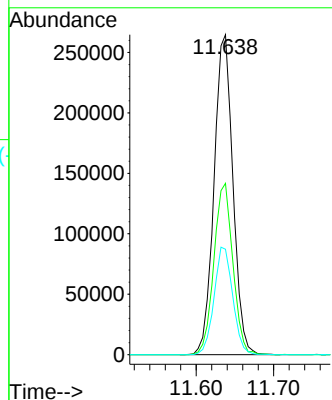
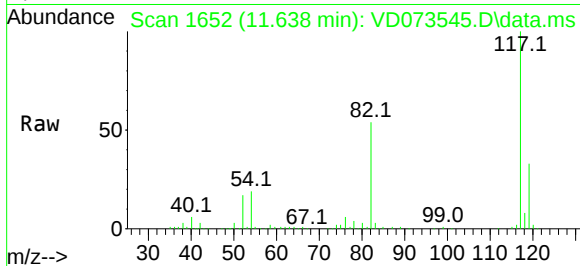




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

Tgt Ion:117 Resp: 447534
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 33.0 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: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion:152 Resp: 228335
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 158.0 0.0 348.6

