

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073393.D
 Acq On : 26 May 2022 17:32
 Operator : VA/SY
 Sample : N3061-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: May 27 01:32:55 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	336234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	591499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169493	45.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.908	113	195823	50.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.332	98	736592	51.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.620	95	304068	60.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.440%

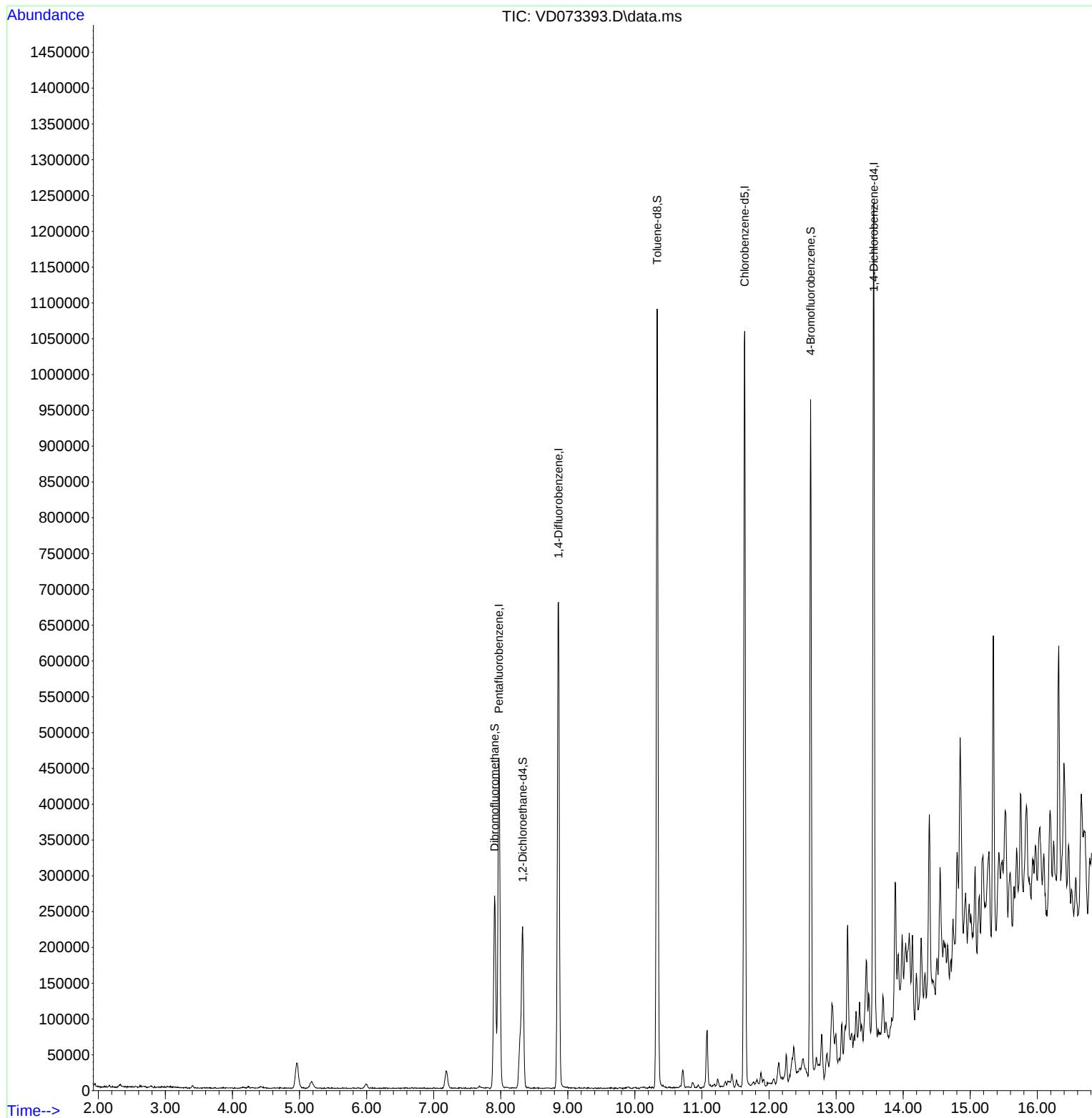
Target Compounds	Qvalue

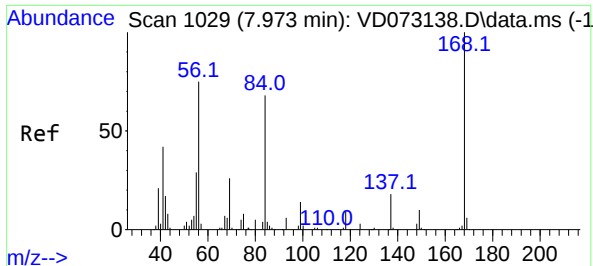
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073393.D

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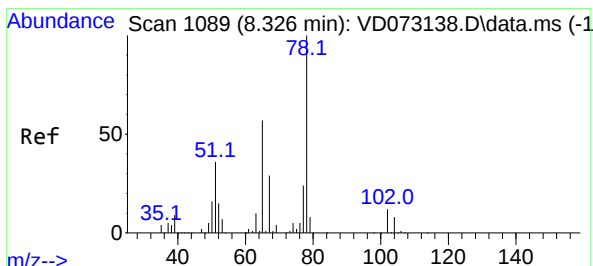
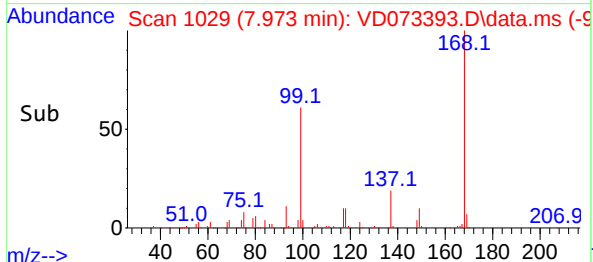
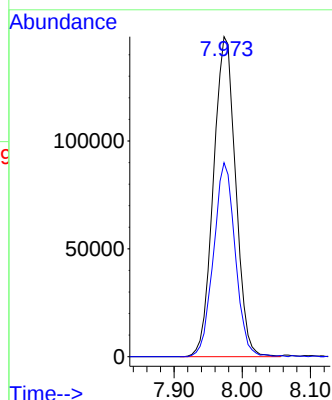
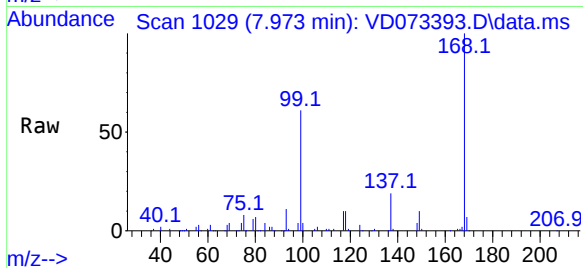
VOC

Tgt Ion:168 Resp: 336234

Ion Ratio Lower Upper

168 100

99 60.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.613 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073393.D

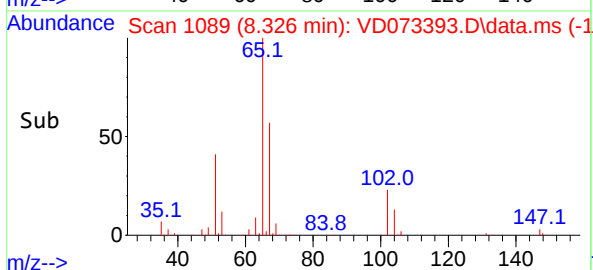
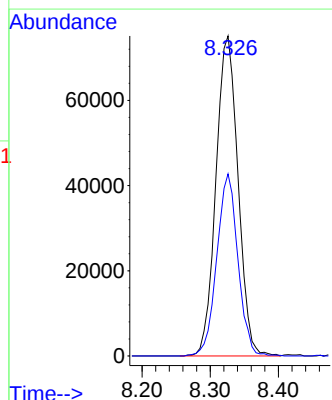
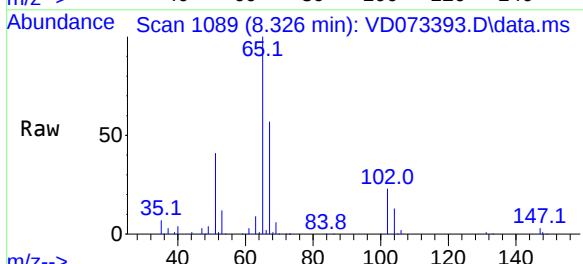
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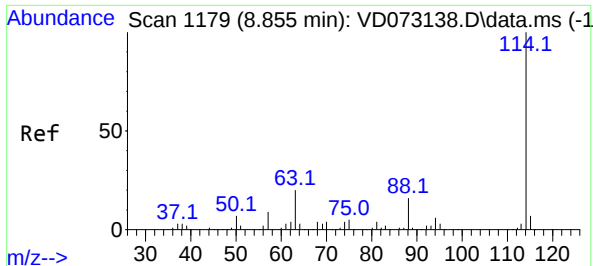
Tgt Ion: 65 Resp: 169493

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4

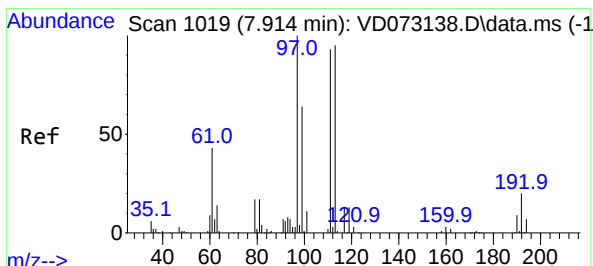
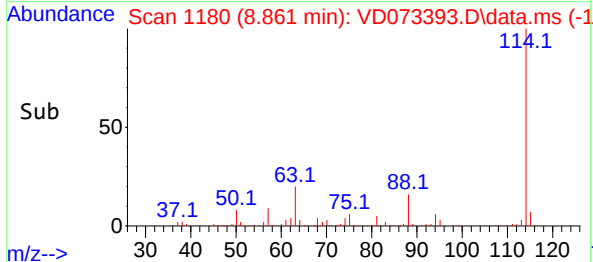
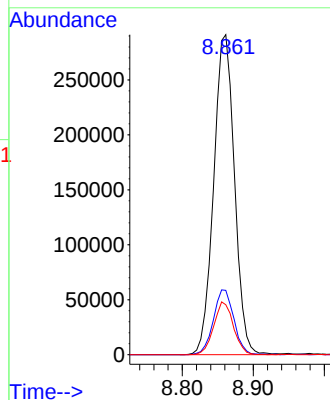
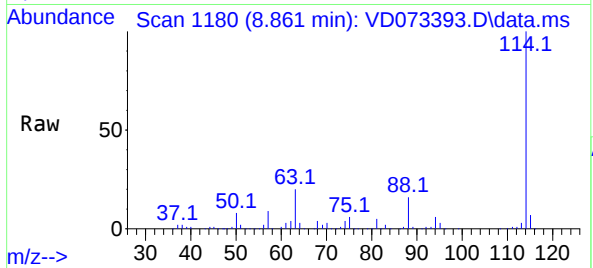




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073393.D
Acq: 26 May 2022 17:32

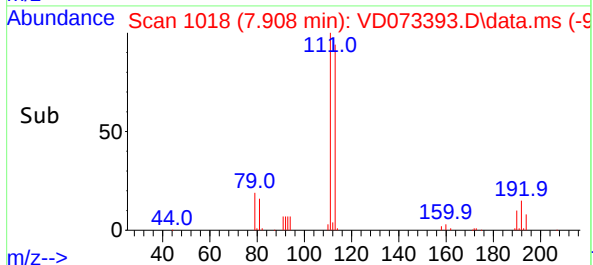
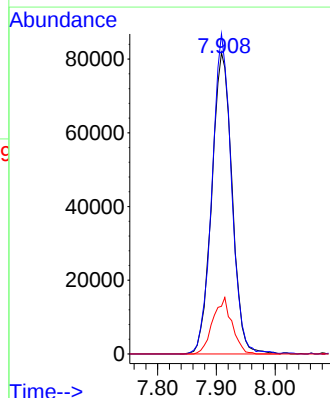
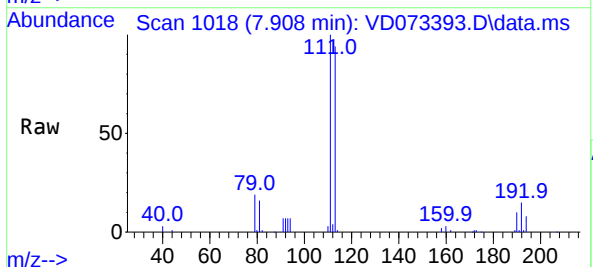
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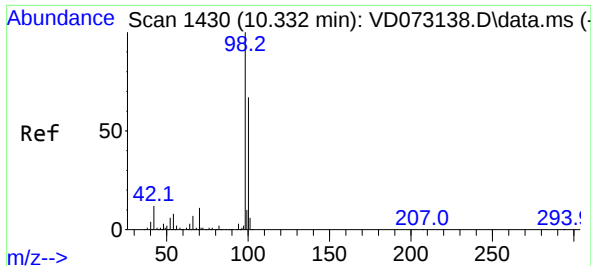
Tgt Ion:114 Resp: 591499
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073393.D
Acq: 26 May 2022 17:32

Tgt Ion:113 Resp: 195823
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.7 14.6 21.8

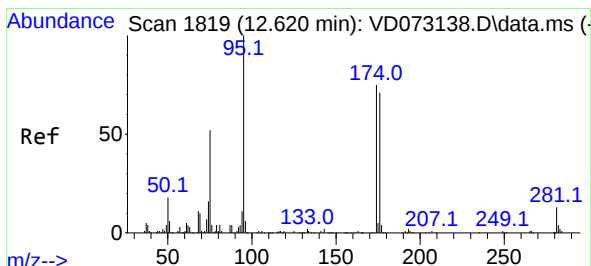
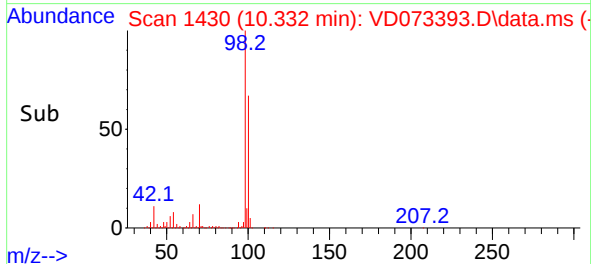
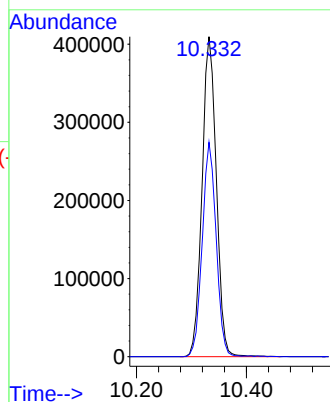
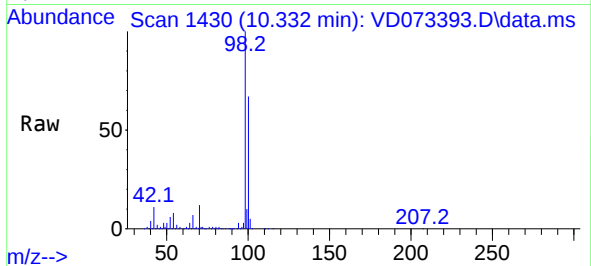




#50
Toluene-d8
Concen: 51.196 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073393.D
Acq: 26 May 2022 17:32

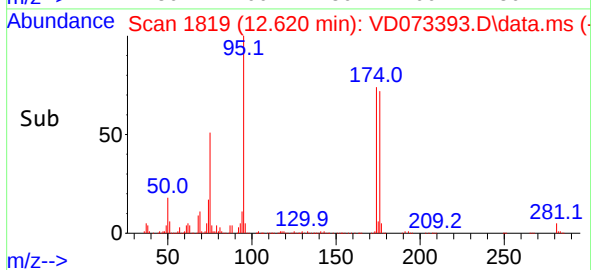
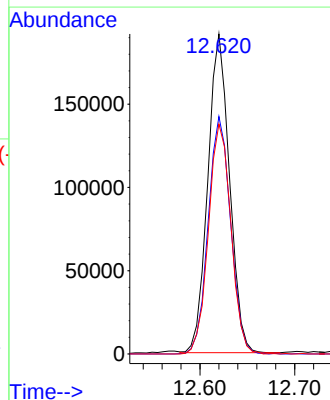
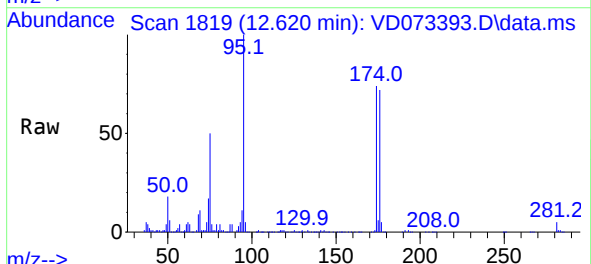
Instrument :
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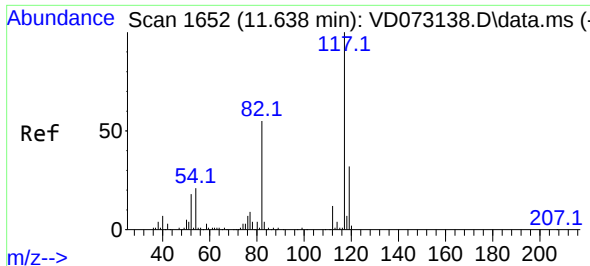
Tgt Ion: 98 Resp: 736592
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.220 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073393.D
Acq: 26 May 2022 17:32

Tgt Ion: 95 Resp: 304068
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.5 0.0 145.4

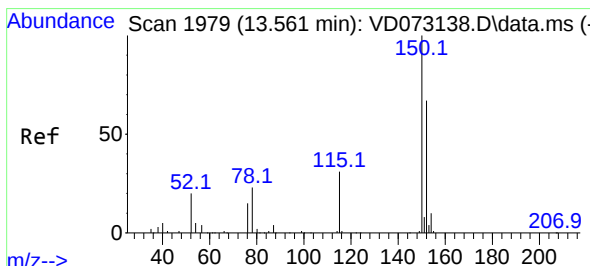
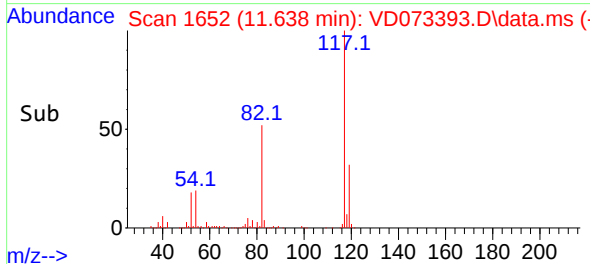
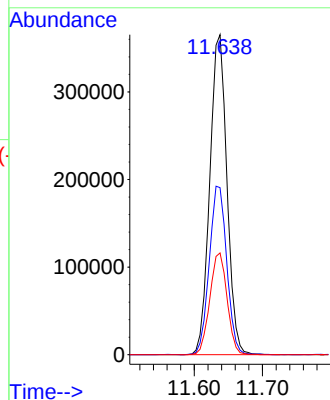
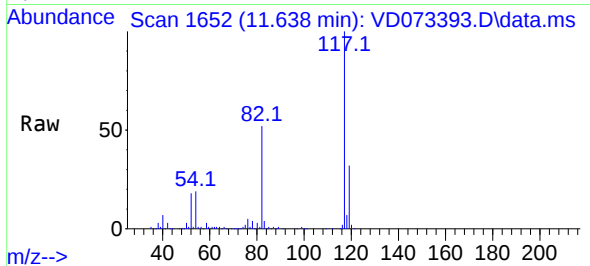




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073393.D
Acq: 26 May 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 639299
Ion Ratio Lower Upper
117 100
82 52.2 45.3 67.9
119 31.8 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: VD073393.D
Acq: 26 May 2022 17:32

Tgt Ion:152 Resp: 317767
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.7 0.0 348.6

