

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071832.D
 Acq On : 28 Jan 2022 19:04
 Operator : VA/SY
 Sample : N1336-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-012822

Quant Time: Jan 29 04:53:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	444415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	806148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	744562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267787	47.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.340%
35) Dibromofluoromethane	7.914	113	258903	48.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.338	98	1030134	52.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.626	95	310163	44.880	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.760%

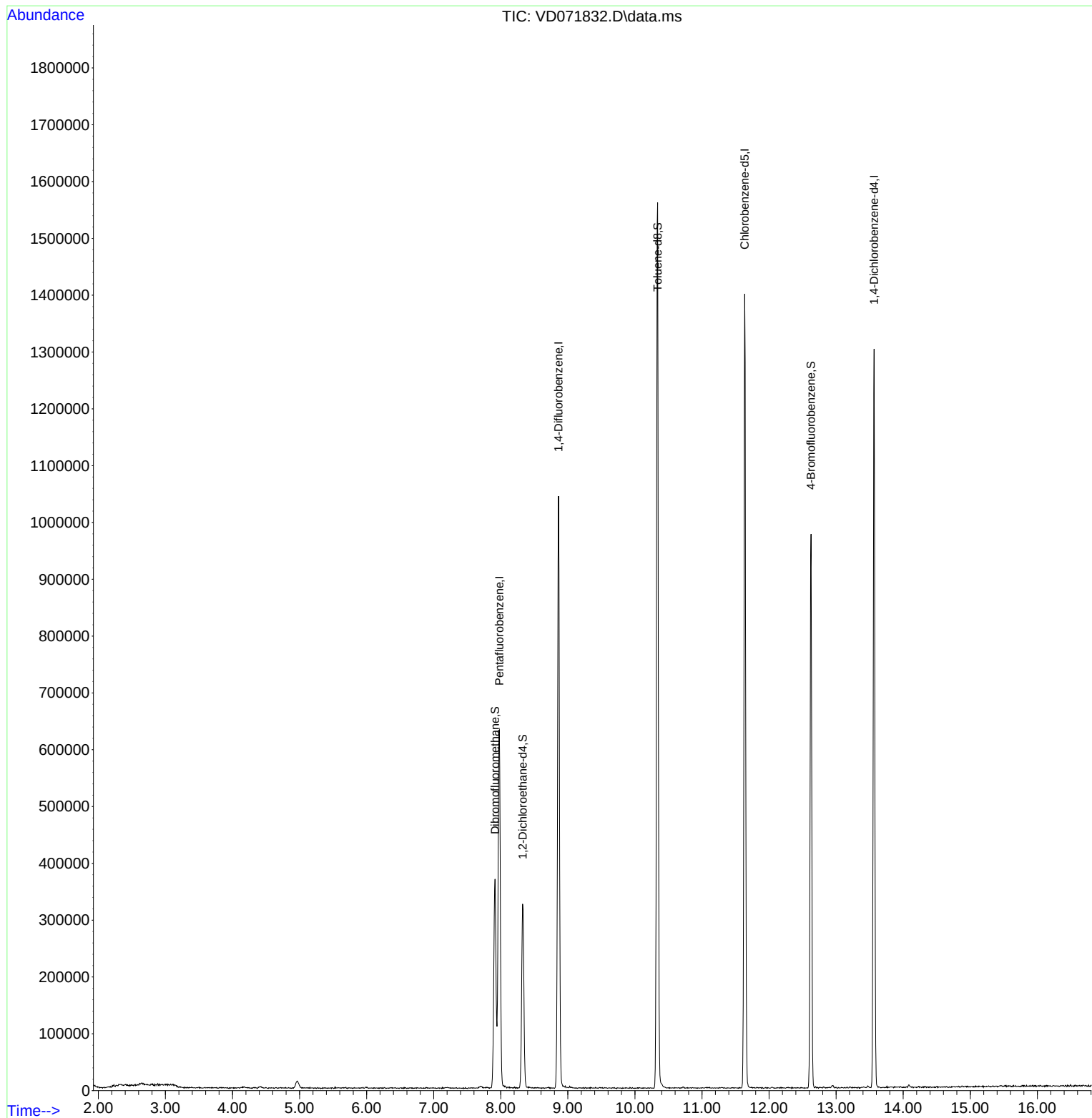
Target Compounds	Qvalue

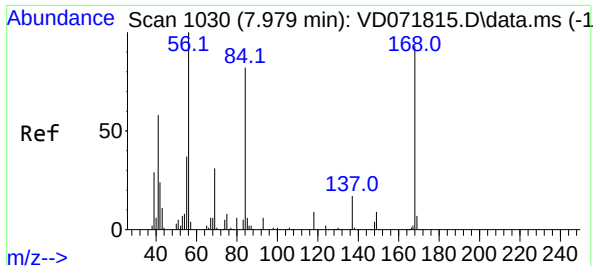
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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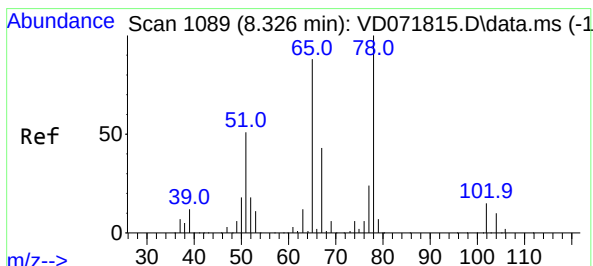
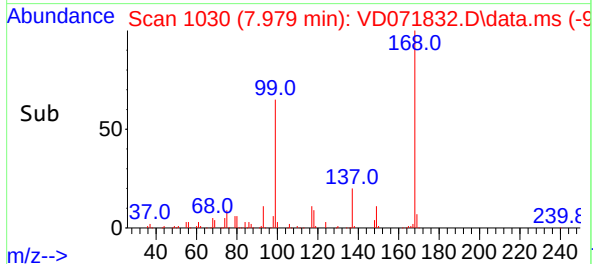
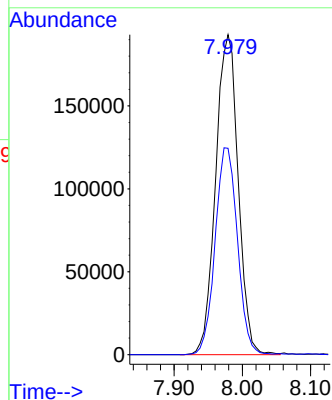
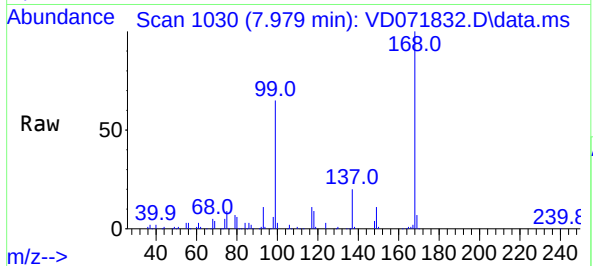




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

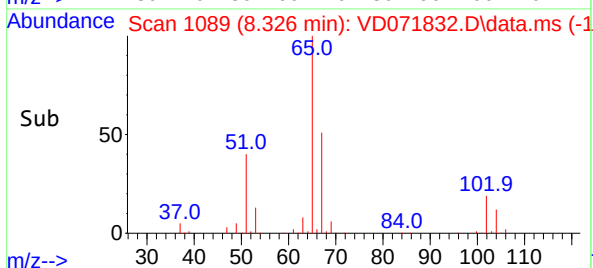
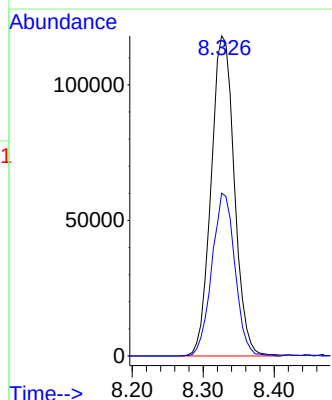
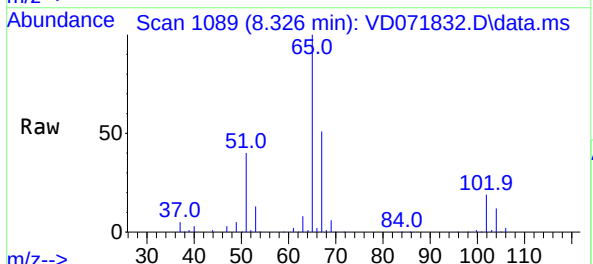
Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

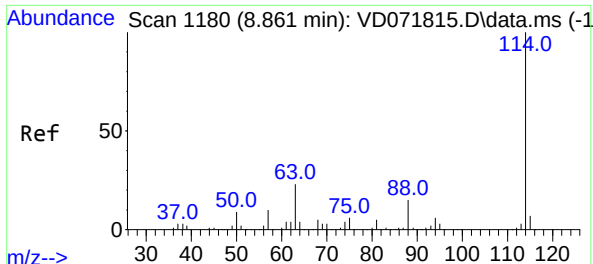
Tgt Ion:168 Resp: 444415
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.673 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 65 Resp: 267787
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4

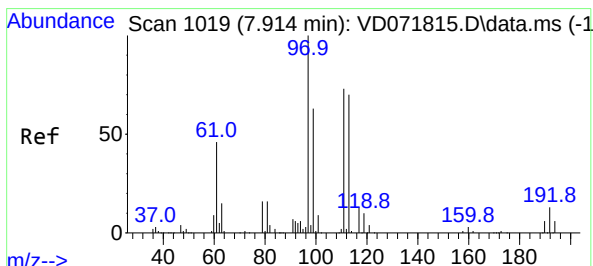
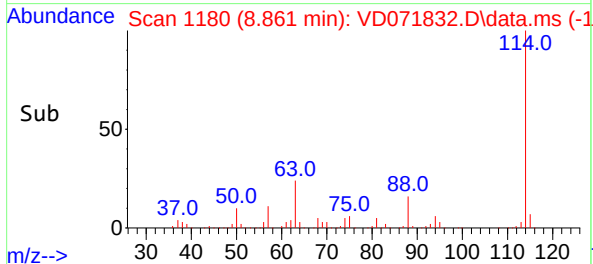
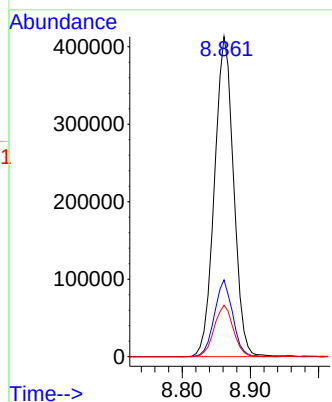
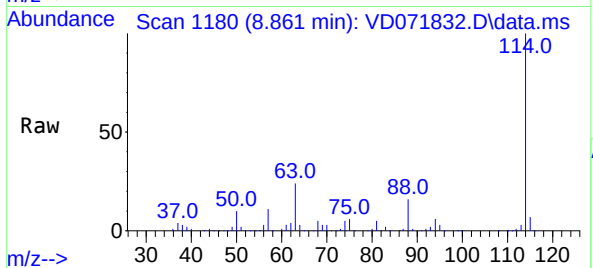




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

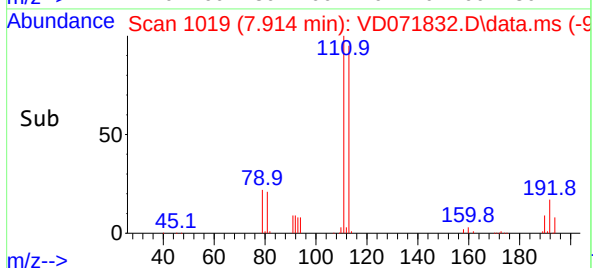
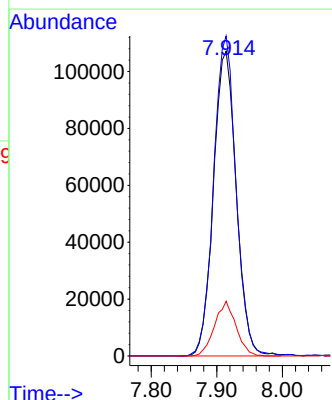
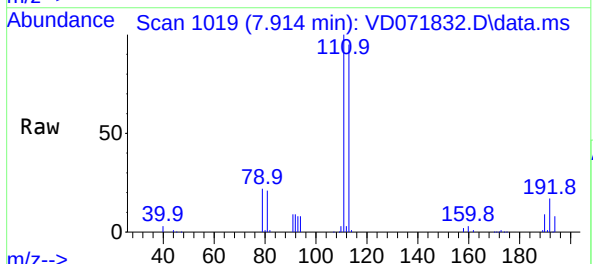
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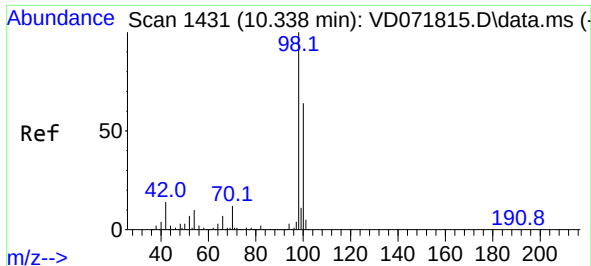
Tgt Ion:114 Resp: 806148
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.858 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion:113 Resp: 258903
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 16.8 14.6 21.8

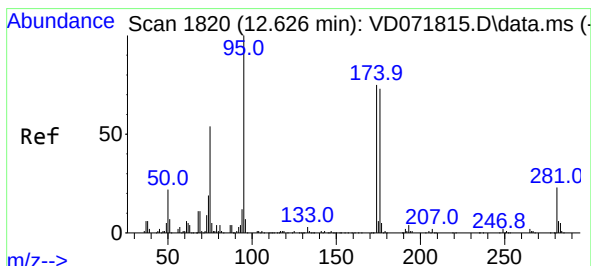
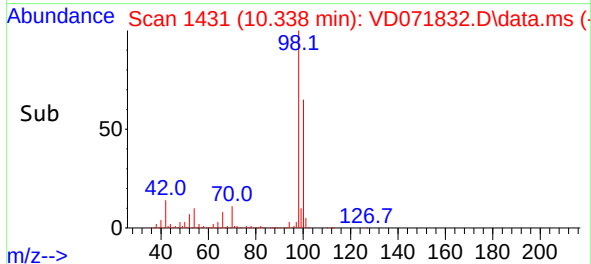
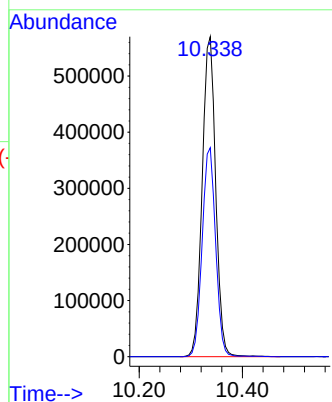
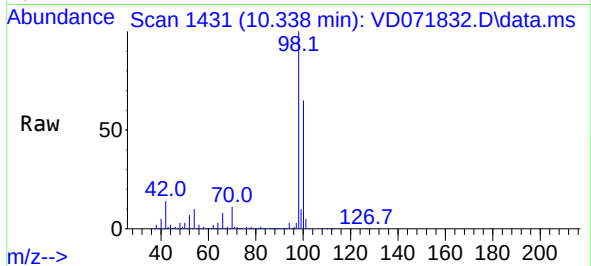




#50
Toluene-d8
Concen: 52.053 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

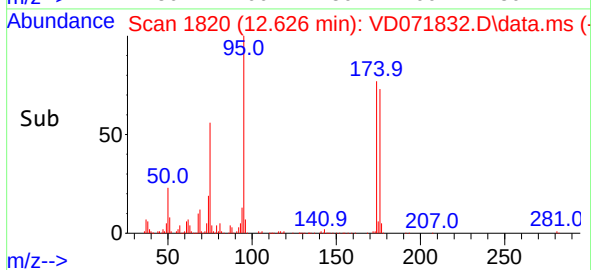
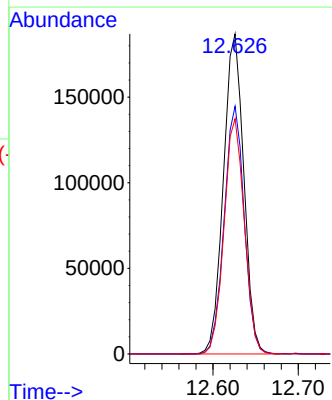
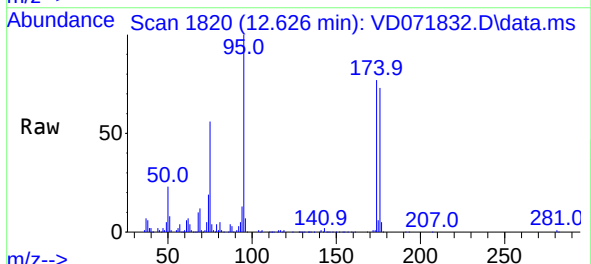
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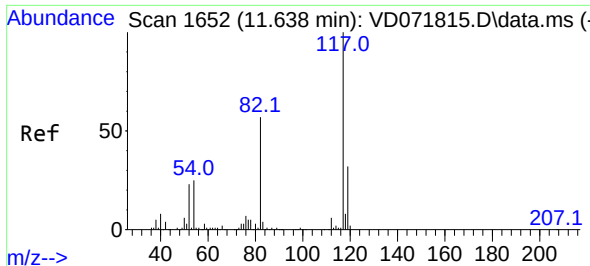
Tgt Ion: 98 Resp: 1030134
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.880 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion: 95 Resp: 310163
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.8 0.0 145.4

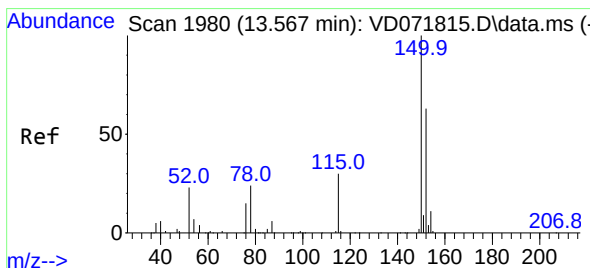
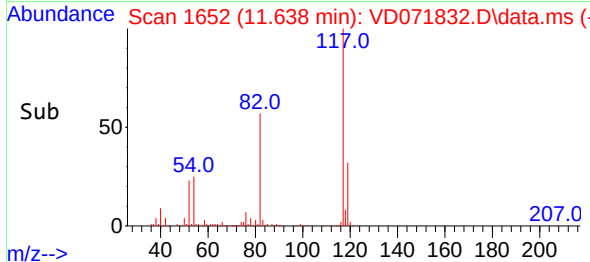
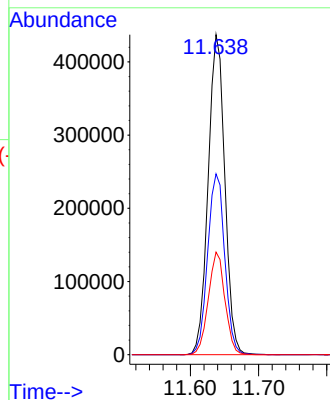
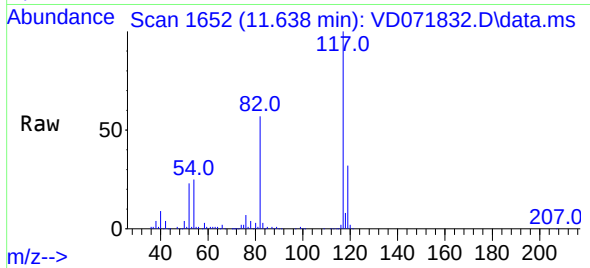




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :
HD-01-012822

Tgt Ion:117 Resp: 744562
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071832.D
Acq: 28 Jan 2022 19:04

Tgt Ion:152 Resp: 314262
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 155.8 0.0 348.6

