

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073203.D
 Acq On : 21 May 2022 00:40
 Operator : VA/SY
 Sample : N2885-05
 Misc : 5.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS002-2430-01

Quant Time: May 21 03:54:06 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	278772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	505129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170921	55.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.909	113	180596	54.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.332	98	635418	51.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.620	95	247507	57.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.800%

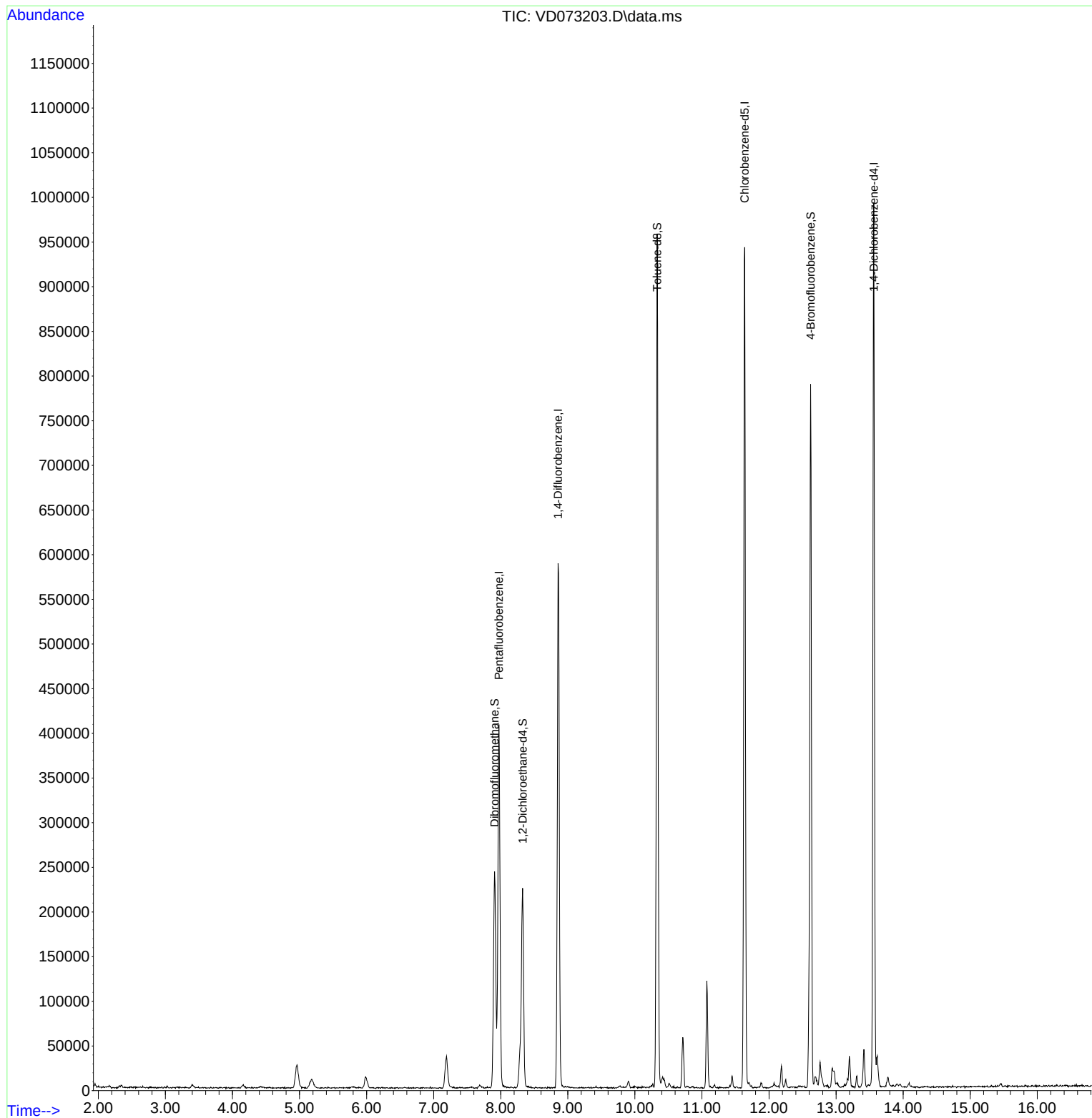
Target Compounds	Qvalue

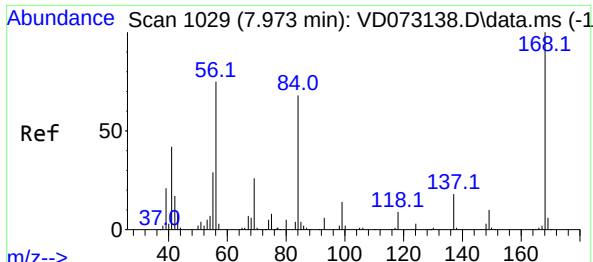
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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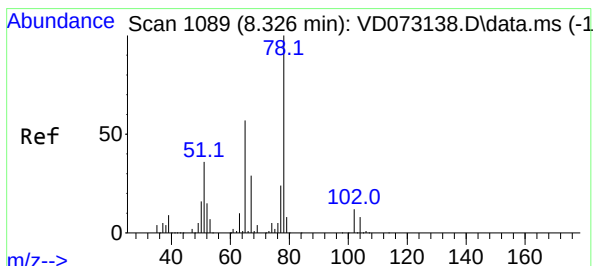
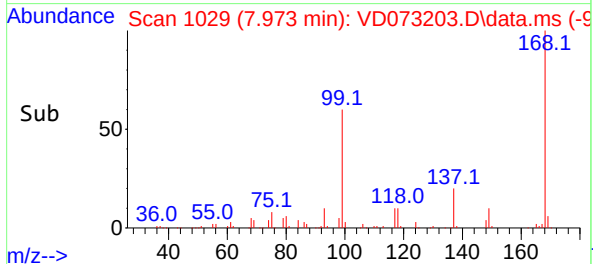
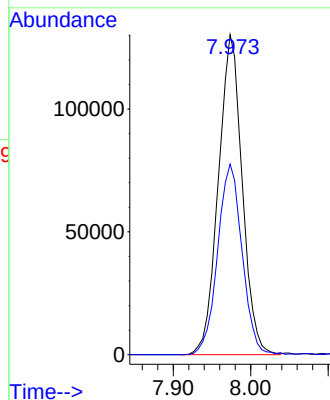
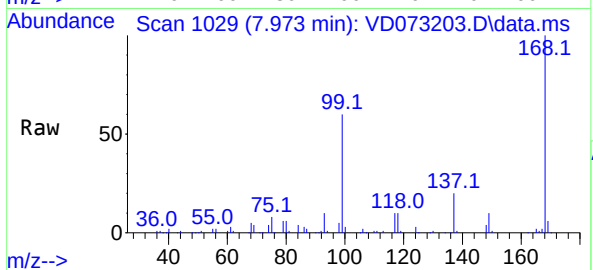




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

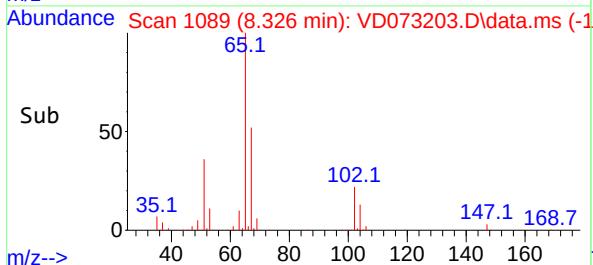
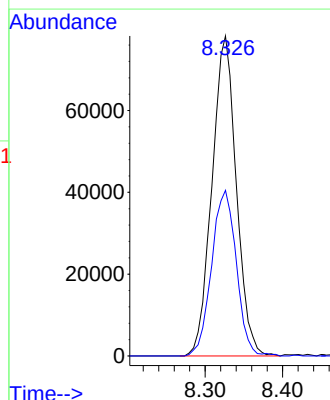
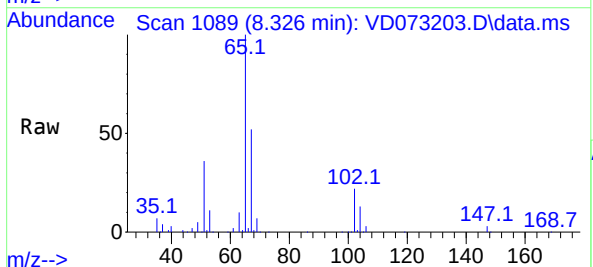
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-2430-01

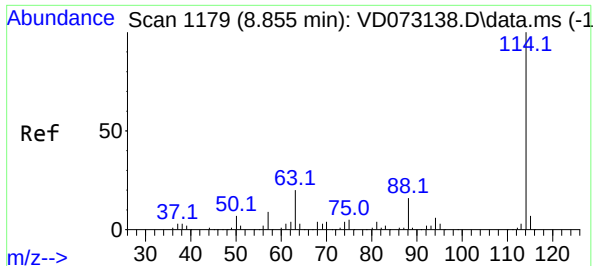
Tgt Ion:168 Resp: 278772
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

Tgt Ion: 65 Resp: 170921
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4

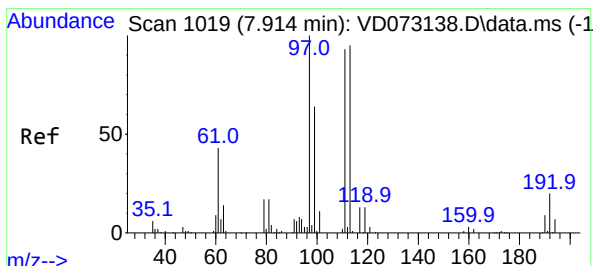
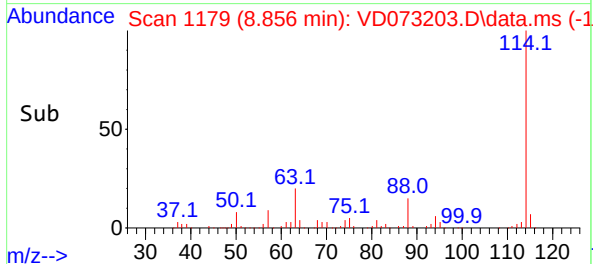
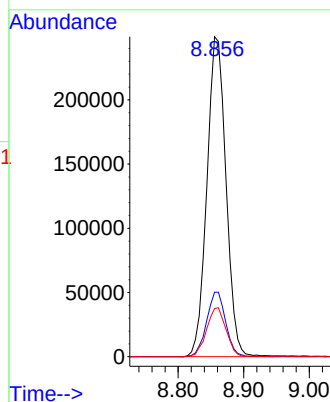
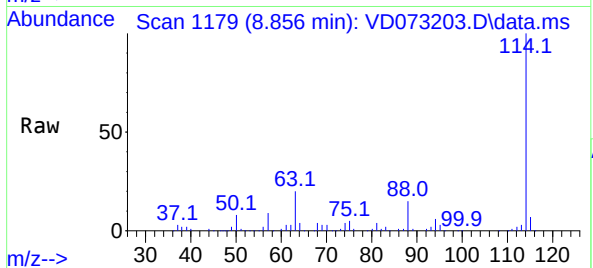




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

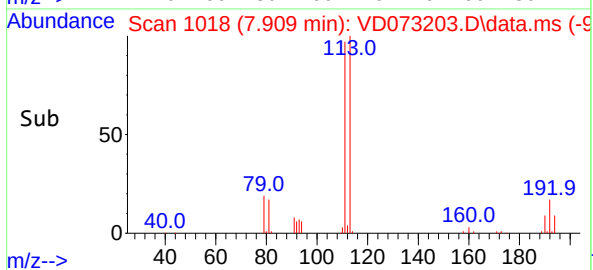
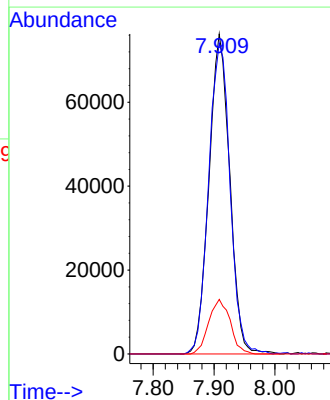
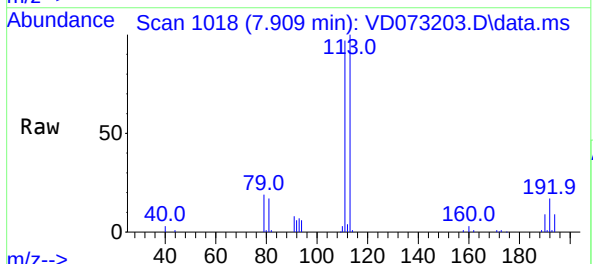
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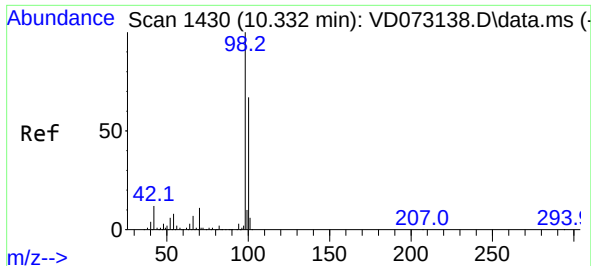
Tgt Ion:114 Resp: 505129
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.181 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

Tgt Ion:113 Resp: 180596
Ion Ratio Lower Upper
113 100
111 100.2 83.8 125.6
192 17.7 14.6 21.8

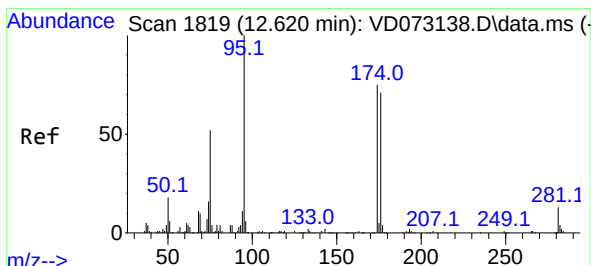
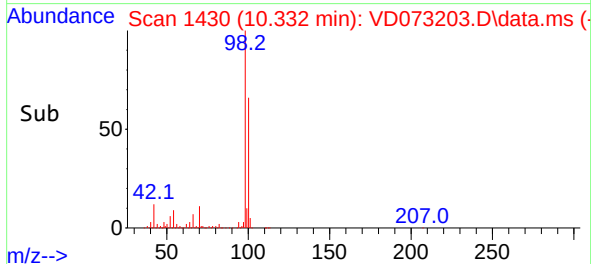
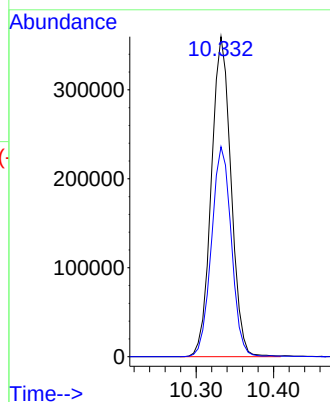
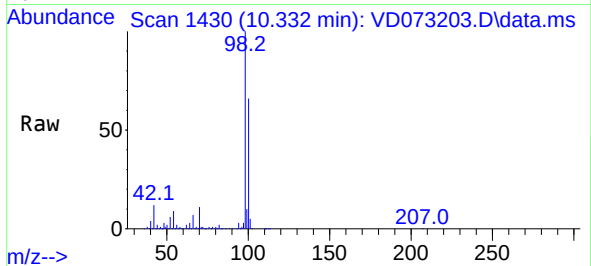




#50
Toluene-d8
Concen: 51.715 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

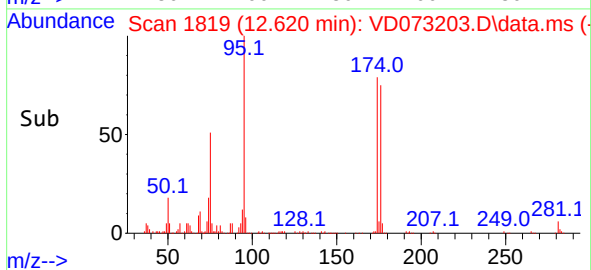
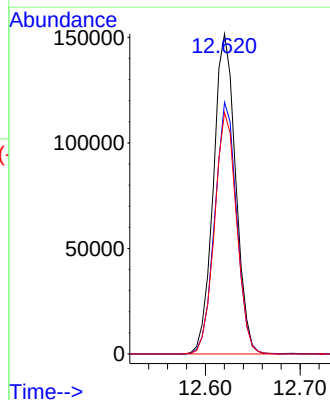
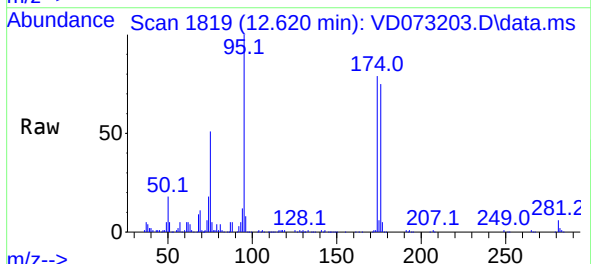
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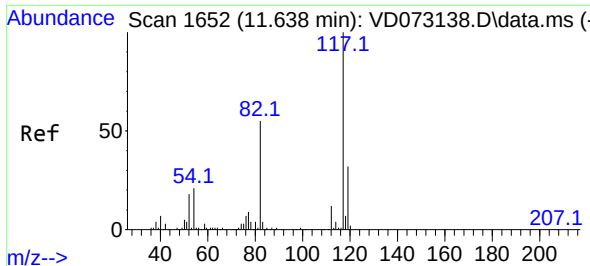
Tgt Ion: 98 Resp: 635418
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.400 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

Tgt Ion: 95 Resp: 247507
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.7 0.0 145.4

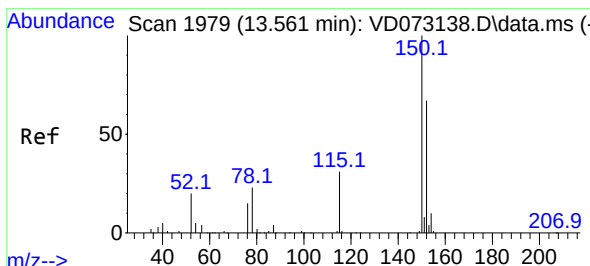
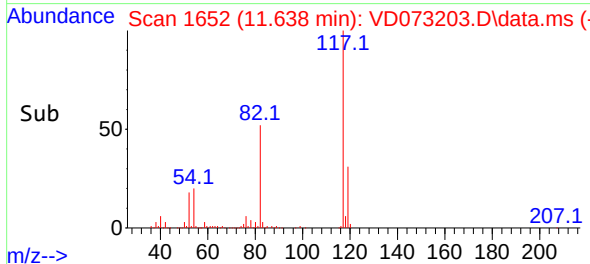
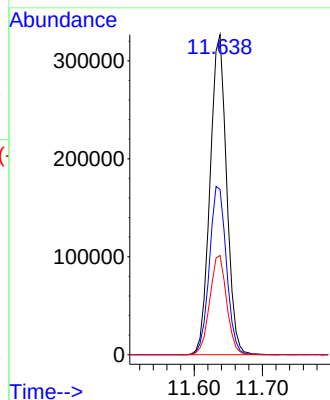
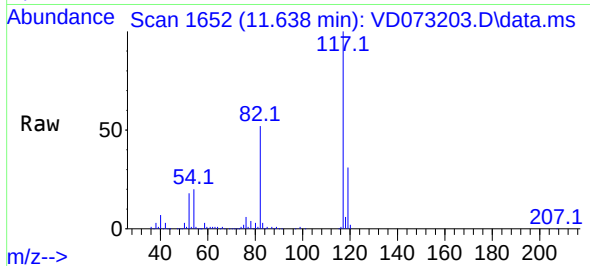




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073203.D
Acq: 21 May 2022 00:40

Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-2430-01

Tgt Ion:117 Resp: 551652
Ion Ratio Lower Upper
117 100
82 51.7 45.3 67.9
119 31.0 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: VD073203.D
Acq: 21 May 2022 00:40

Tgt Ion:152 Resp: 256364
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 156.7 0.0 348.6

