

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073281.D
 Acq On : 23 May 2022 14:19
 Operator : VA/SY
 Sample : N2920-26
 Misc : 4.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS003-0006-01

Quant Time: May 24 03:26:35 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	341685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	595642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	601682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175509	46.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.960%
35) Dibromofluoromethane	7.908	113	196131	49.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.332	98	737212	50.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.620	95	284282	55.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.820%

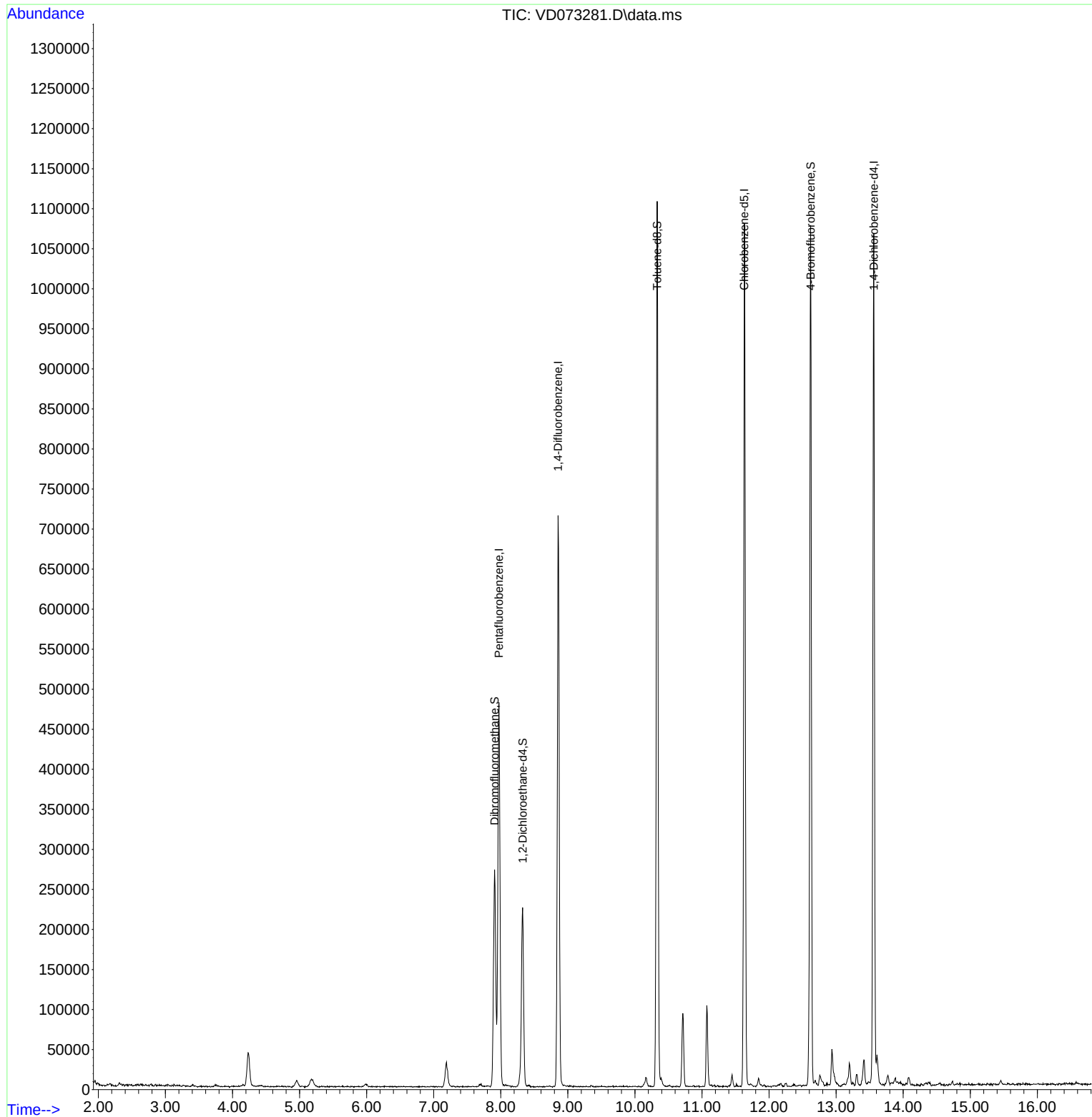
Target Compounds	Qvalue

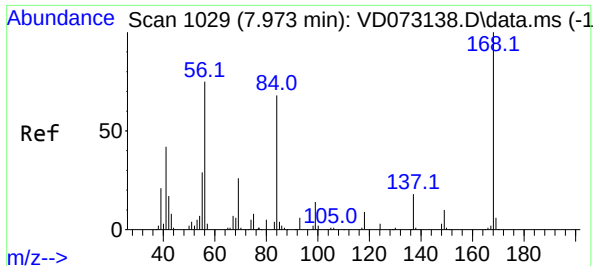
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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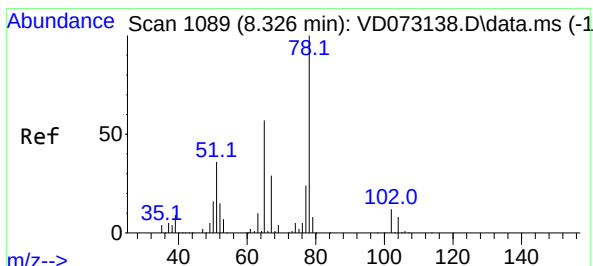
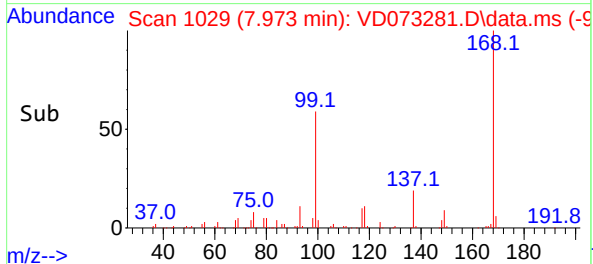
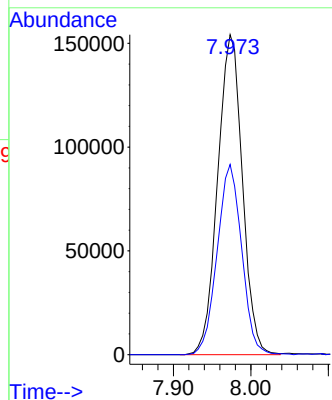
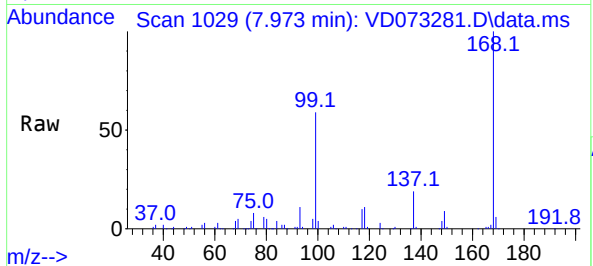




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

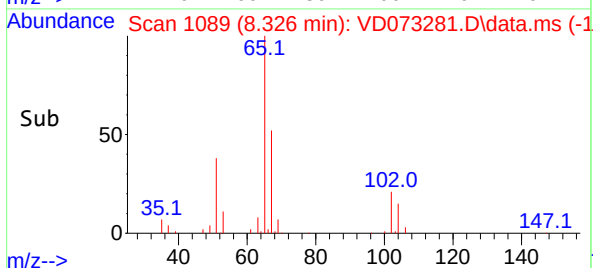
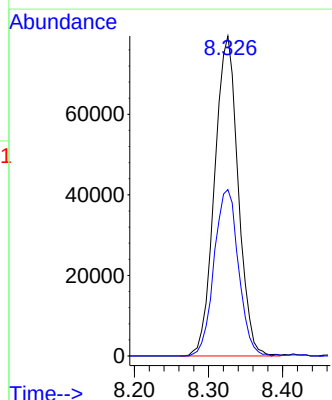
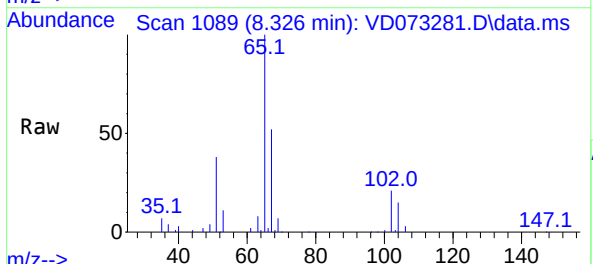
Instrument :
MSVOA_D
ClientSampleId :
P028-SS003-0006-01

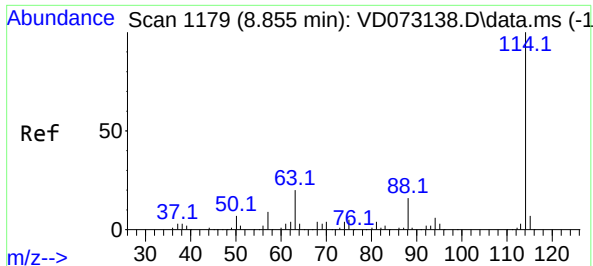
Tgt Ion:168 Resp: 341685
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

Tgt Ion: 65 Resp: 175509
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4

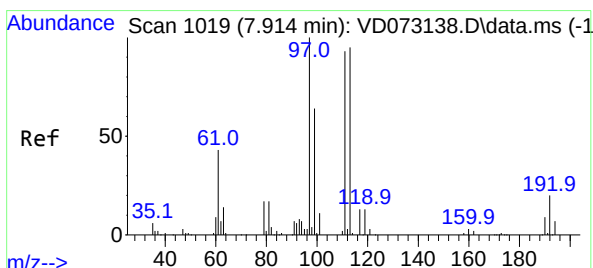
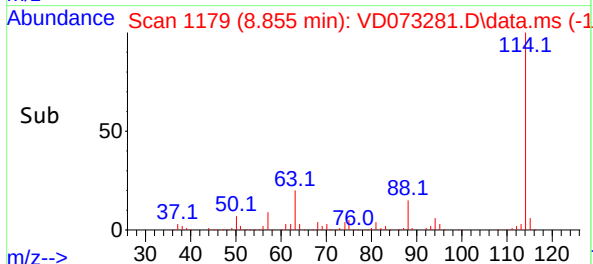
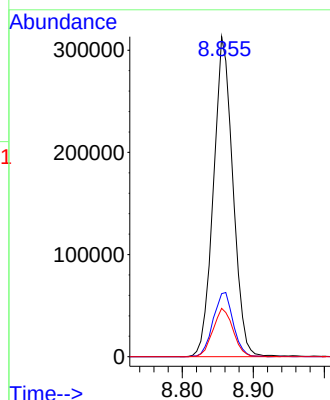
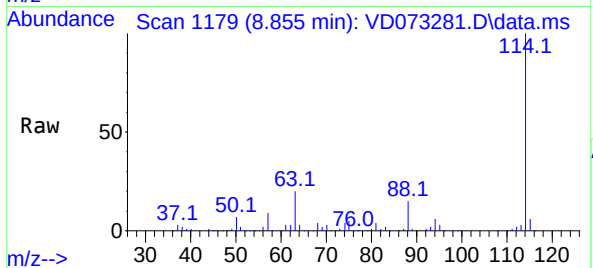




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

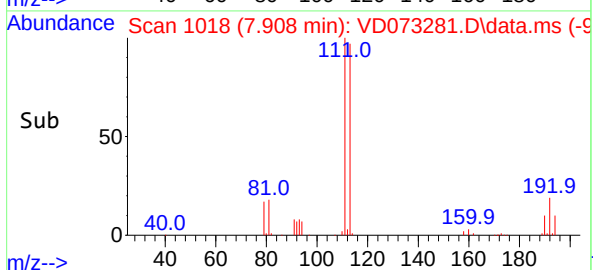
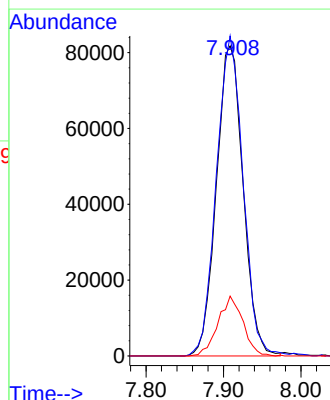
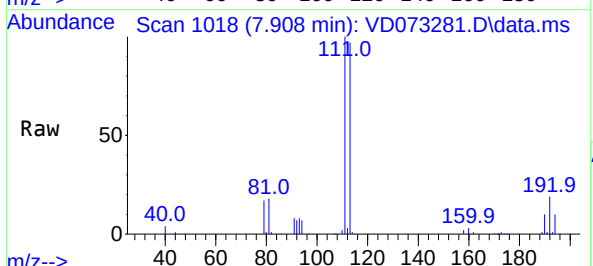
Instrument :
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P028-SS003-0006-01

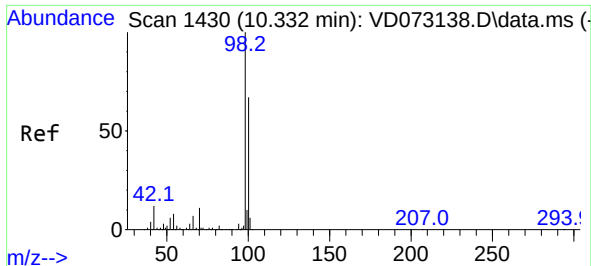
Tgt Ion:114 Resp: 595642
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.901 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

Tgt Ion:113 Resp: 196131
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.0 14.6 21.8

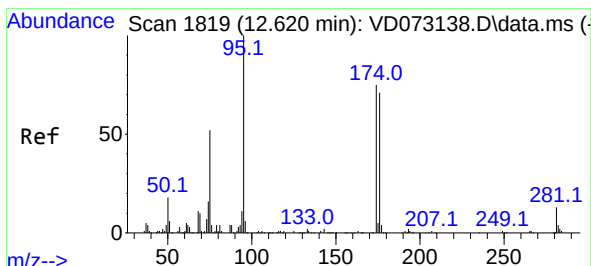
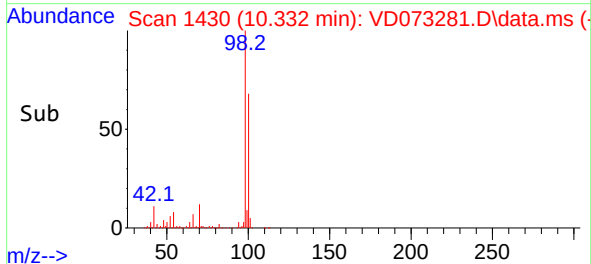
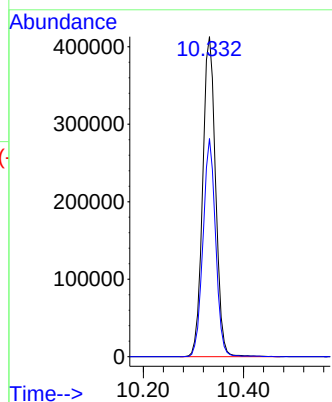
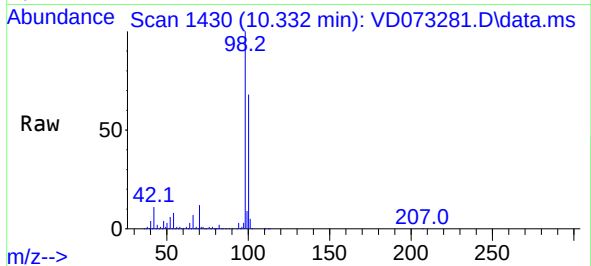




#50
Toluene-d8
Concen: 50.882 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

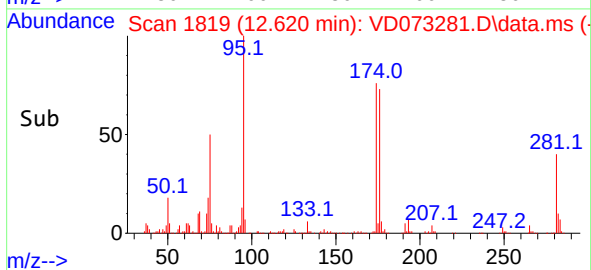
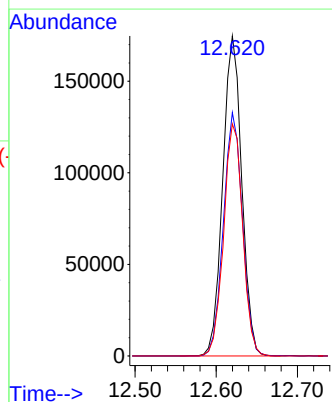
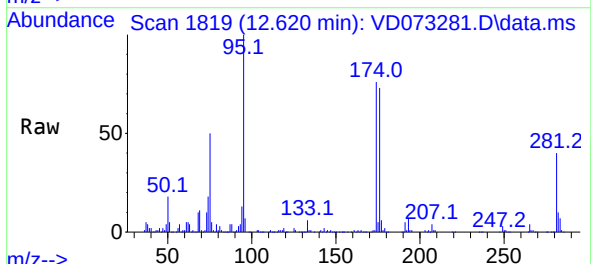
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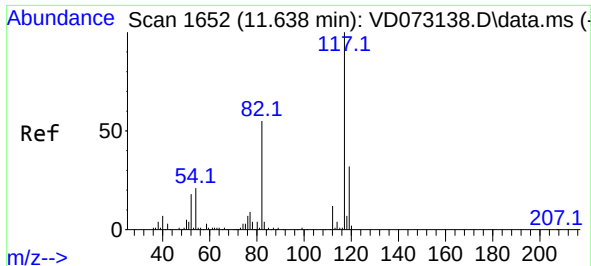
Tgt Ion: 98 Resp: 737212
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.910 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

Tgt Ion: 95 Resp: 284282
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.7 0.0 145.4

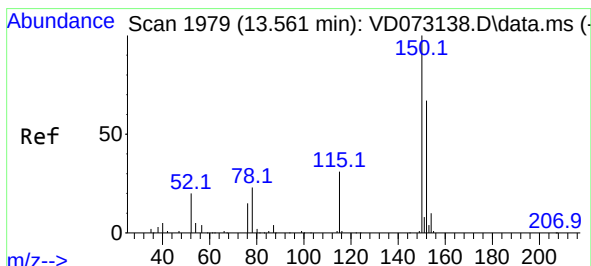
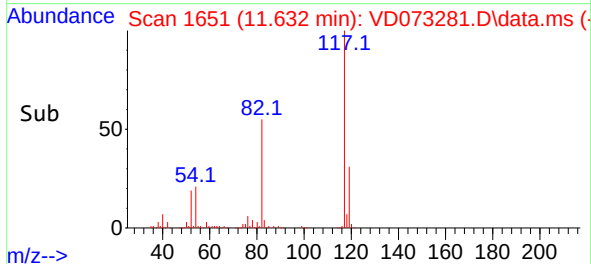
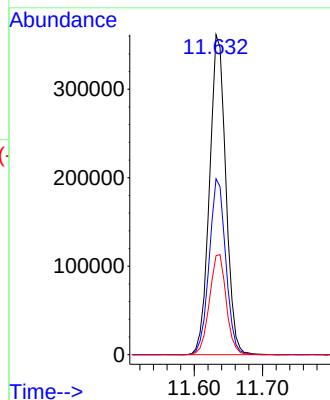
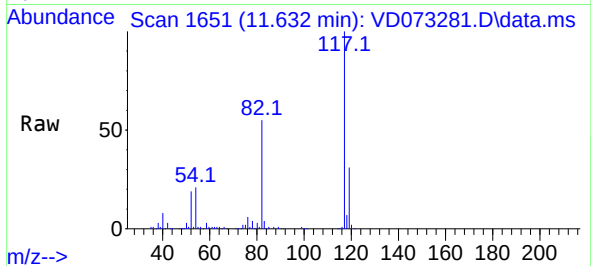




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073281.D
Acq: 23 May 2022 14:19

Instrument :
MSVOA_D
ClientSampleId :
P028-SS003-0006-01

Tgt Ion:117 Resp: 601682
Ion Ratio Lower Upper
117 100
82 54.9 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: VD073281.D
Acq: 23 May 2022 14:19

Tgt Ion:152 Resp: 276679
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.2 0.0 348.6

