

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073437.D
 Acq On : 31 May 2022 21:12
 Operator : VA/SY
 Sample : N3075-04
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-4

Quant Time: Jun 01 01:40:24 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	140269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	297065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	142965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	101633	65.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.12%
35) Dibromofluoromethane	7.908	113	97492	59.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.00%
50) Toluene-d8	10.332	98	319706	52.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.98%
62) 4-Bromofluorobenzene	12.620	95	128372	60.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.12%

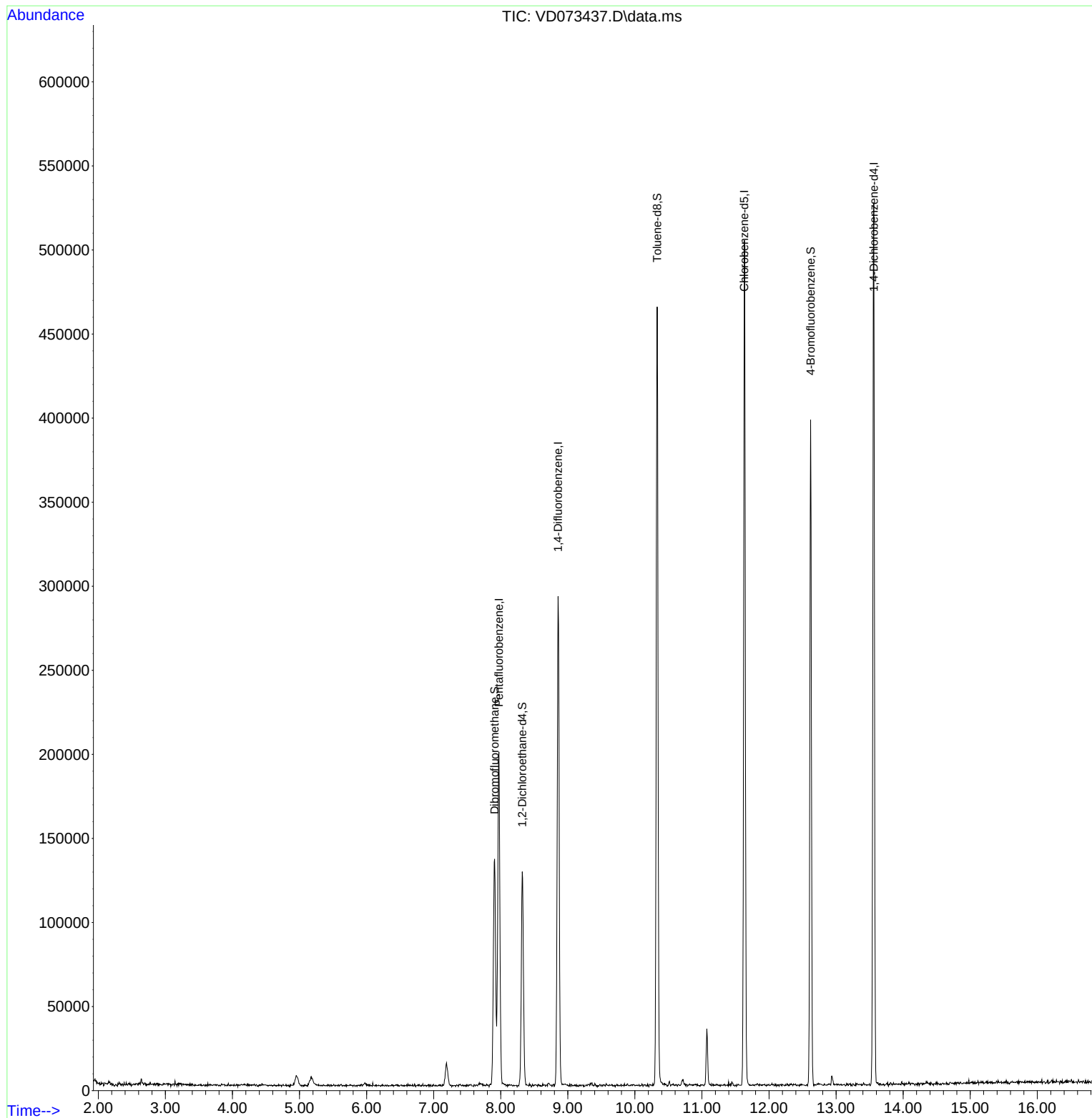
Target Compounds	Qvalue

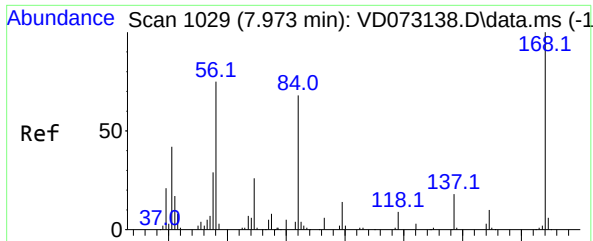
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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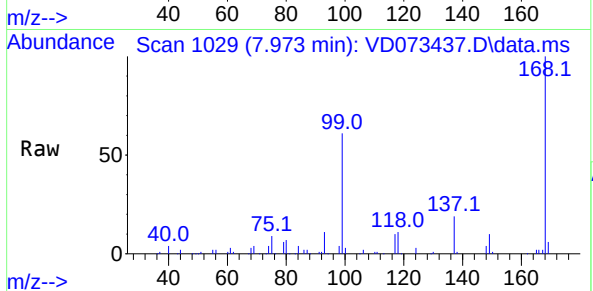
Quant Time: Jun 01 01:40:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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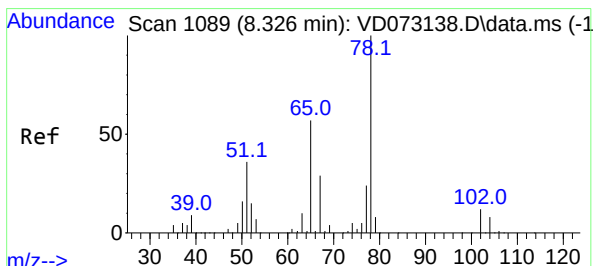
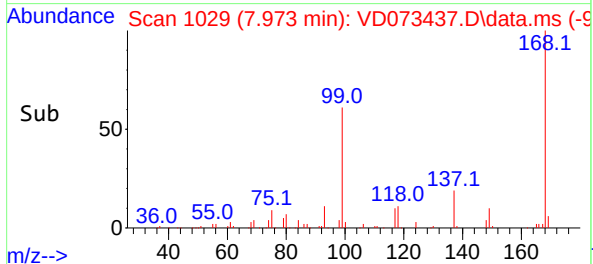
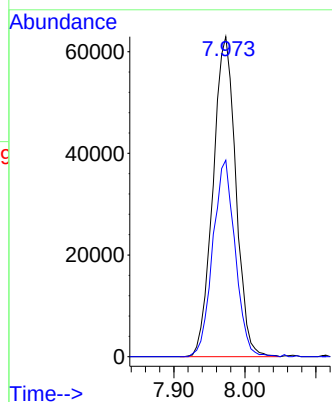


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :
SS-4

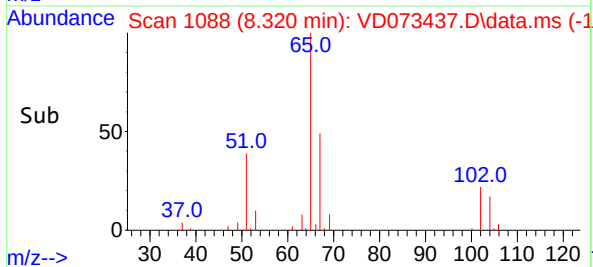
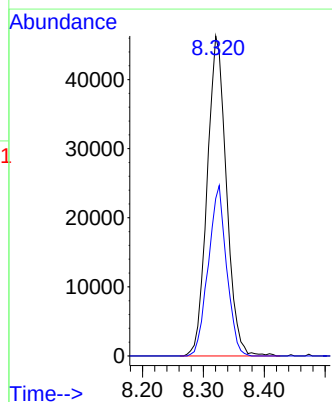
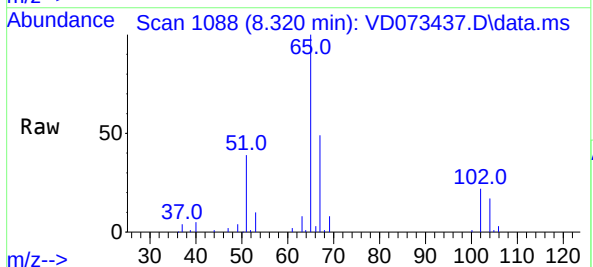


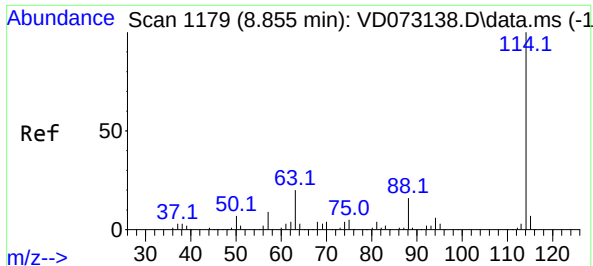
Tgt Ion:168 Resp: 140269
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 65.56 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion: 65 Resp: 101633
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4

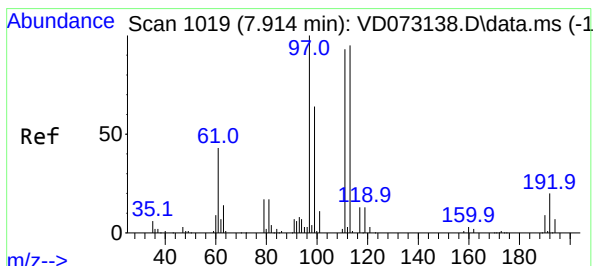
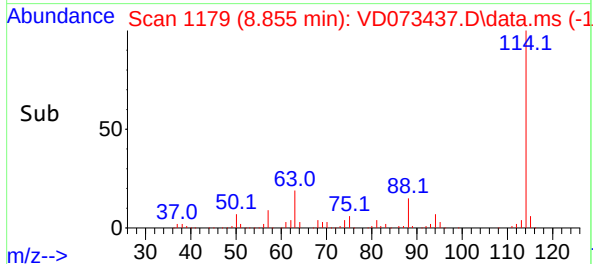
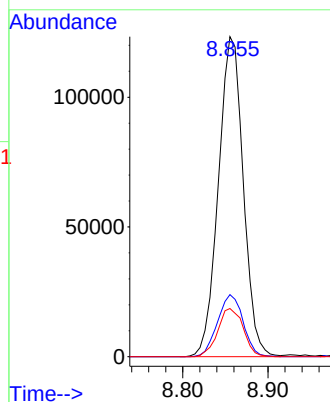
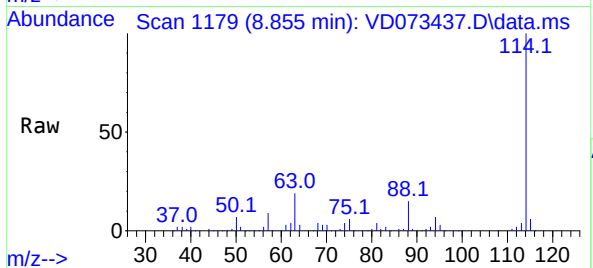




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

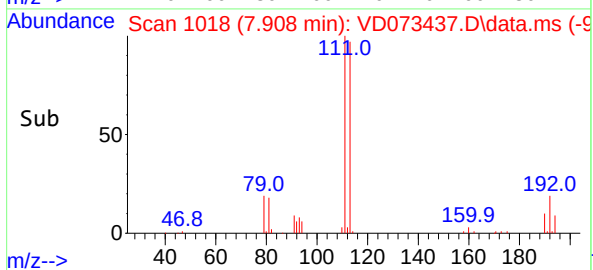
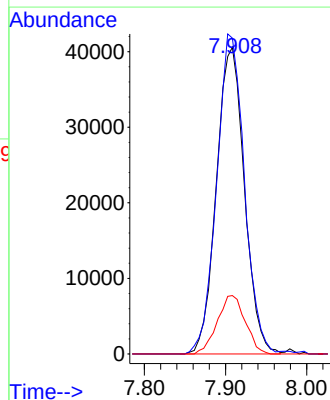
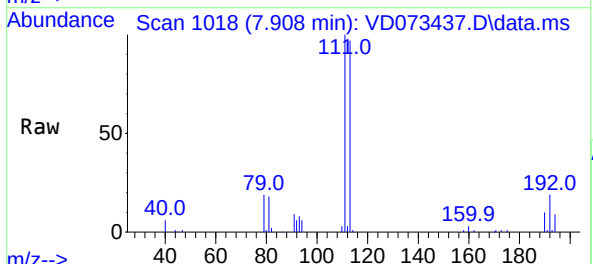
Instrument :
MSVOA_D
ClientSampleId :
SS-4

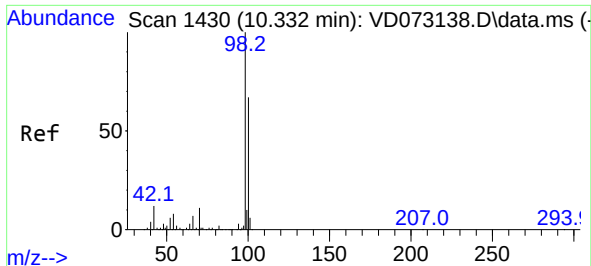
Tgt Ion:114 Resp: 250397
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 59.00 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion:113 Resp: 97492
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 19.0 14.6 21.8

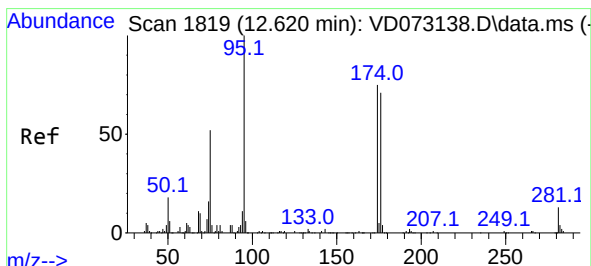
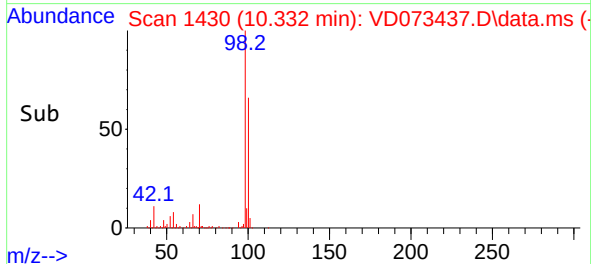
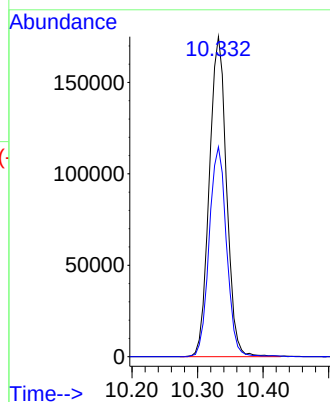
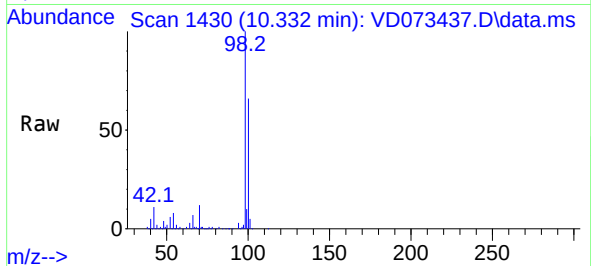




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

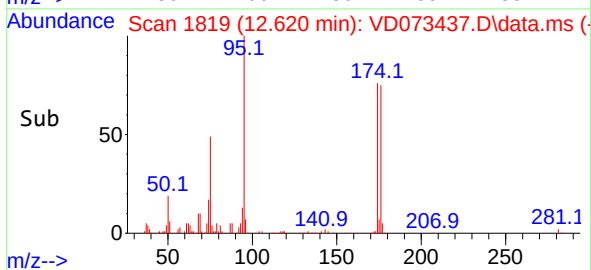
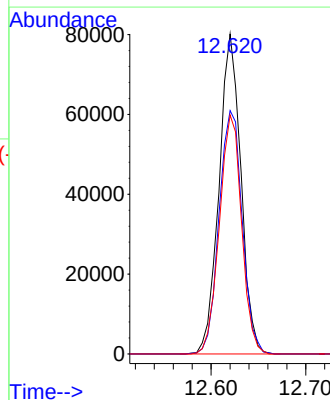
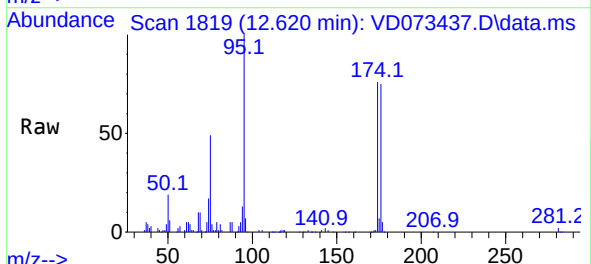
Instrument :
MSVOA_D
ClientSampleId :
SS-4

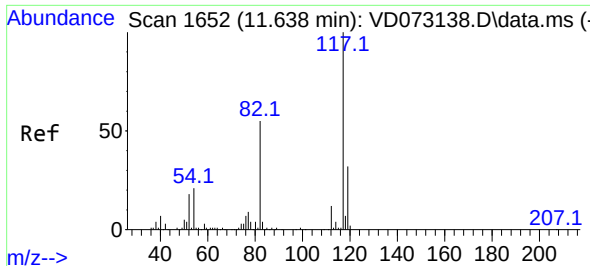
Tgt Ion: 98 Resp: 319706
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.06 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion: 95 Resp: 128372
Ion Ratio Lower Upper
95 100
174 80.7 0.0 152.8
176 75.8 0.0 145.4

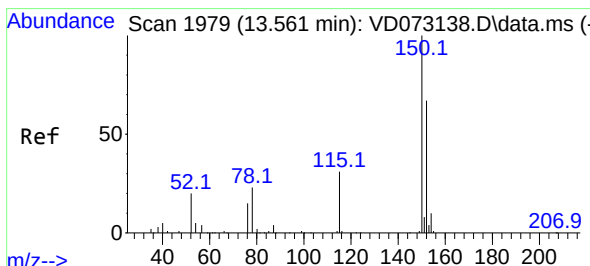
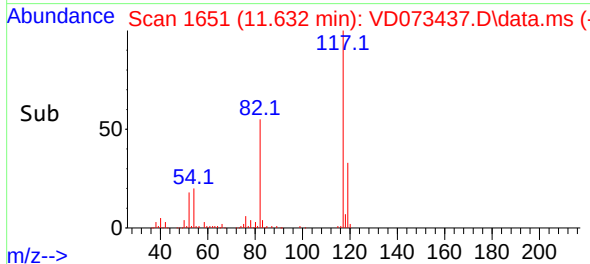
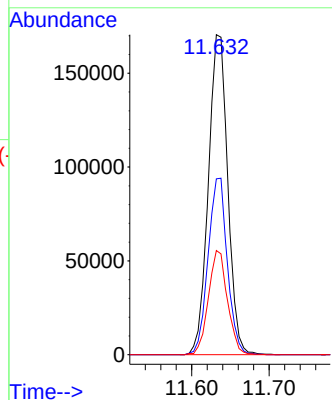
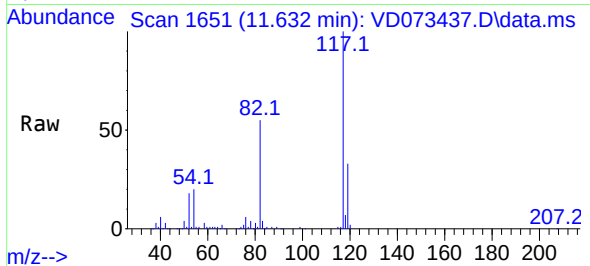




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :
SS-4

Tgt Ion:117	Resp:	297065	
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	32.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion:152	Resp:	142965	
Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.3	93.8
150	153.1	0.0	348.6

