

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073346.D
 Acq On : 25 May 2022 02:49
 Operator : VA/SY
 Sample : N2886-02
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS003-0006-01

Quant Time: May 25 05:33:32 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	293596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	532412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	545746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159393	49.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.240%
35) Dibromofluoromethane	7.908	113	176274	50.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.332	98	639115	49.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.620	95	249865	54.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.960%

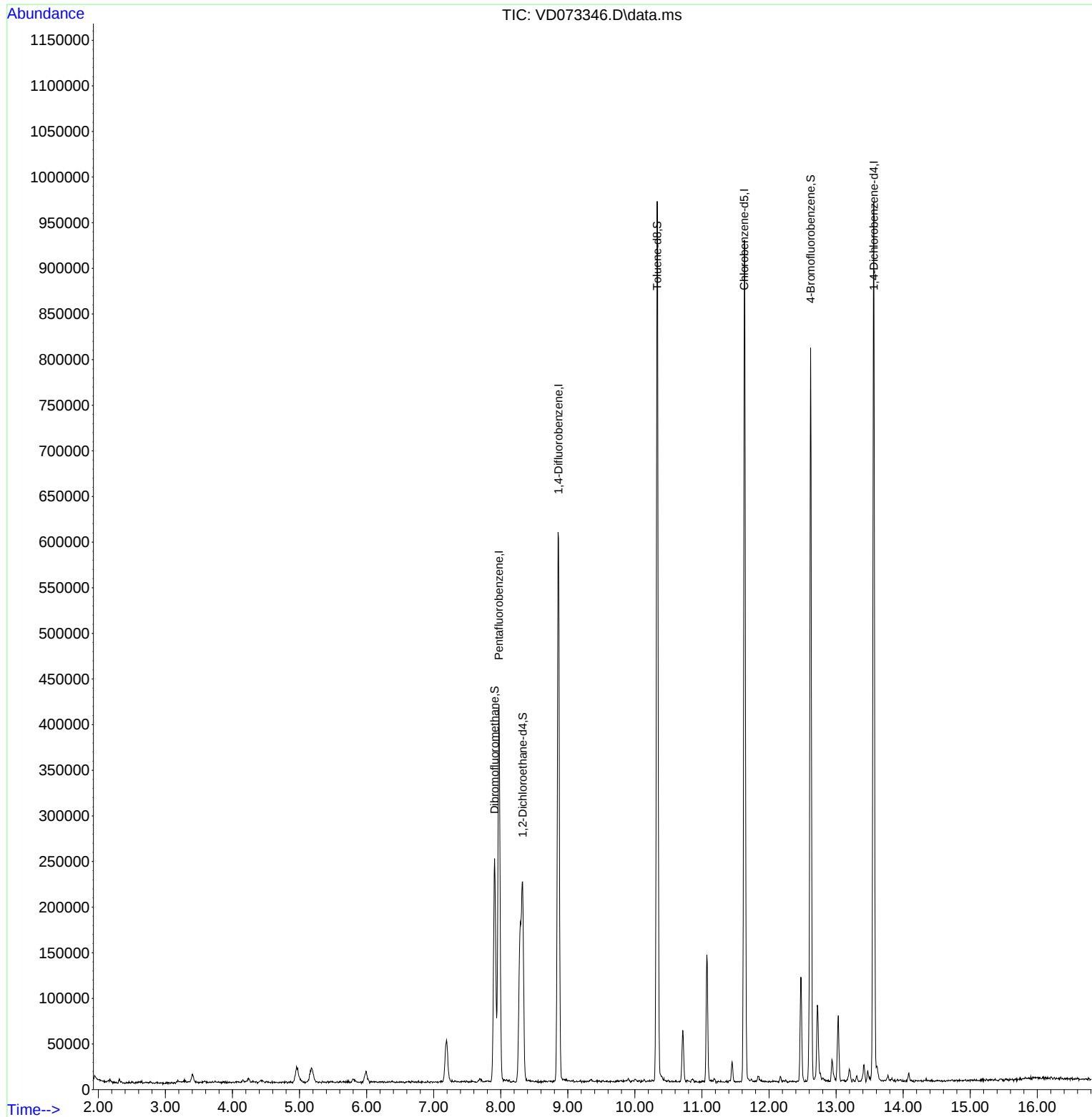
Target Compounds	Qvalue

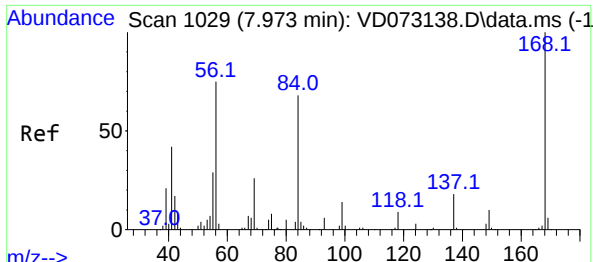
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073346.D

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Instrument :

MSVOA_D

ClientSampleId :

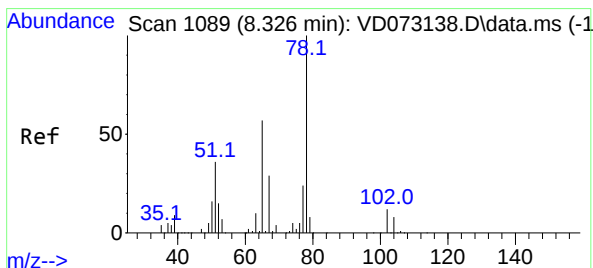
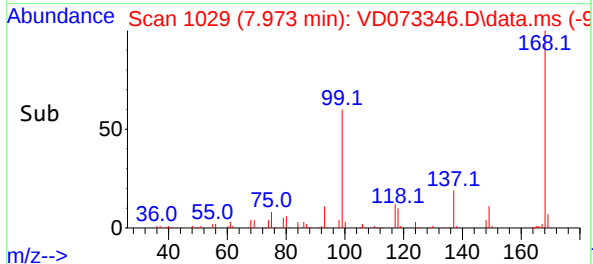
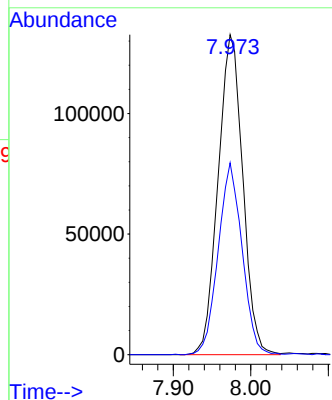
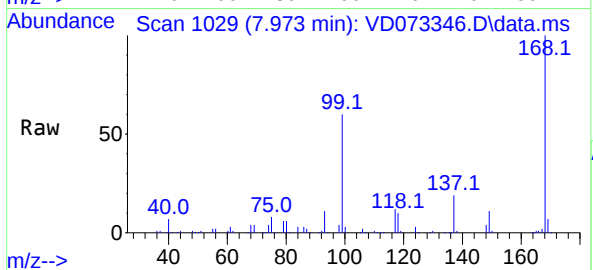
P014-SS003-0006-01

Tgt Ion:168 Resp: 293596

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 49.125 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073346.D

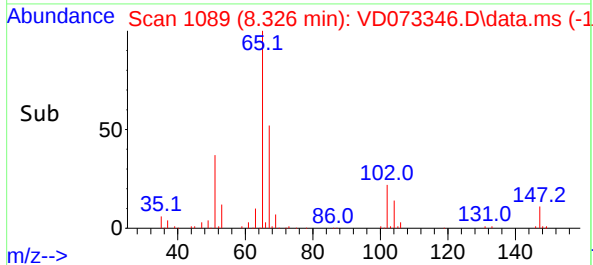
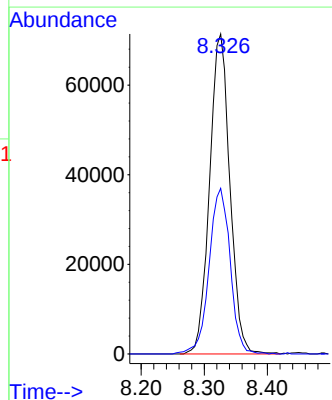
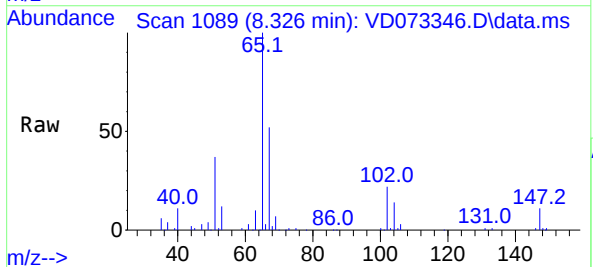
Acq: 25 May 2022 02:49

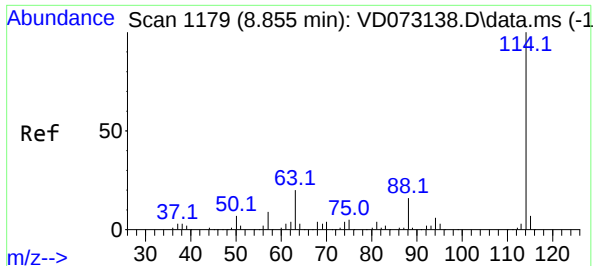
Tgt Ion: 65 Resp: 159393

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4

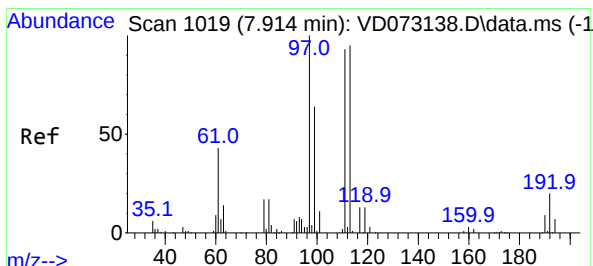
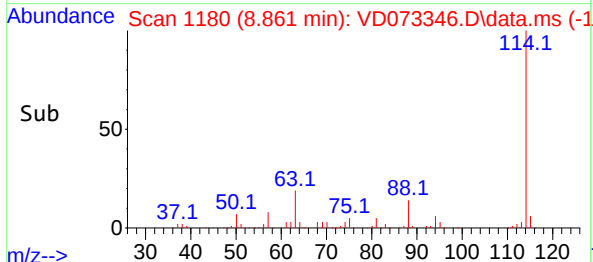
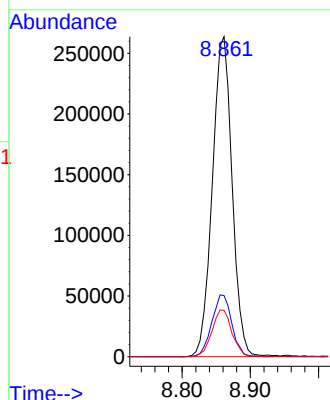
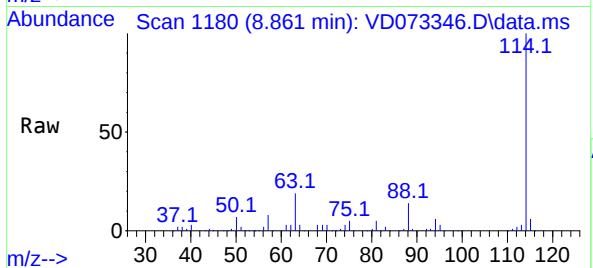




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073346.D
Acq: 25 May 2022 02:49

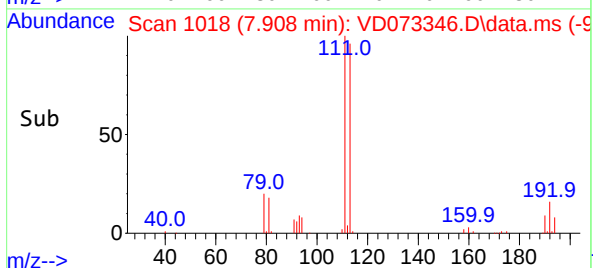
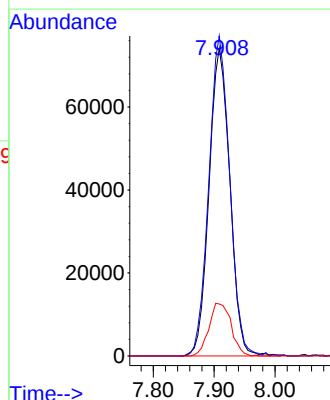
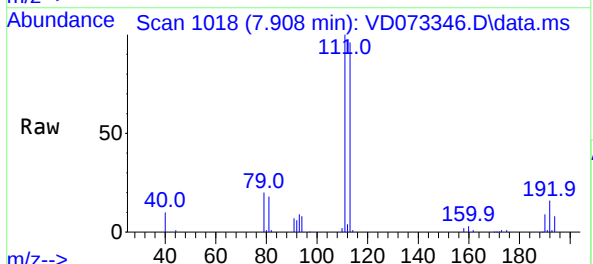
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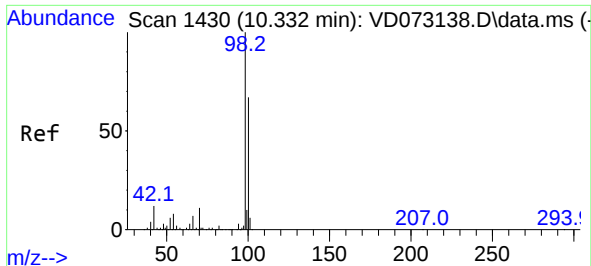
Tgt Ion:114 Resp: 532412
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 14.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.175 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073346.D
Acq: 25 May 2022 02:49

Tgt Ion:113 Resp: 176274
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.2 14.6 21.8

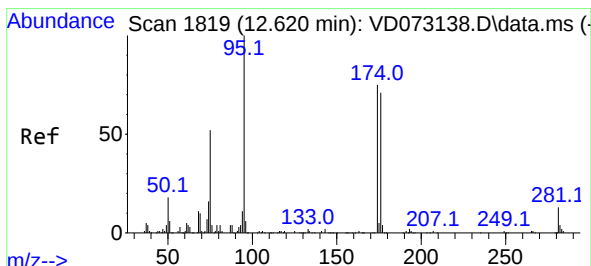
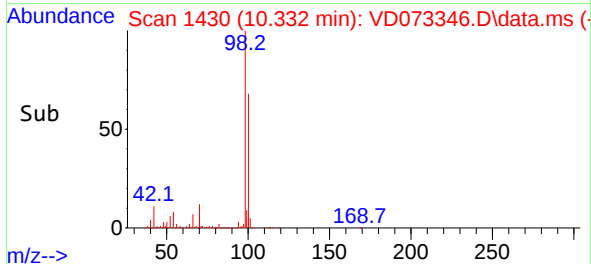
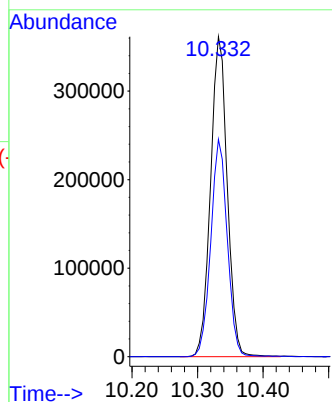
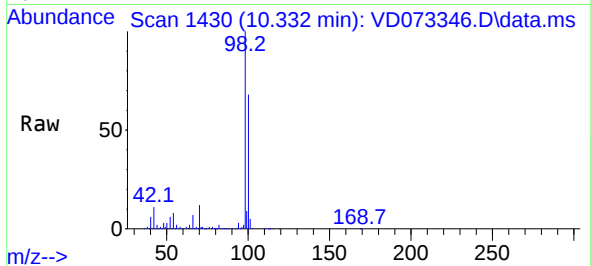




#50
Toluene-d8
Concen: 49.350 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073346.D
Acq: 25 May 2022 02:49

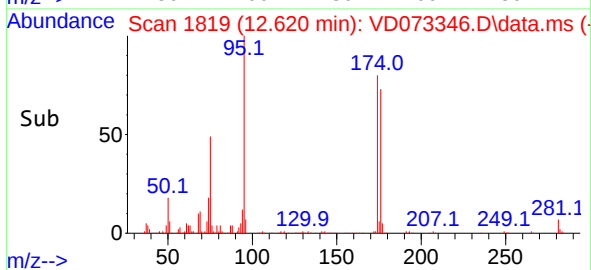
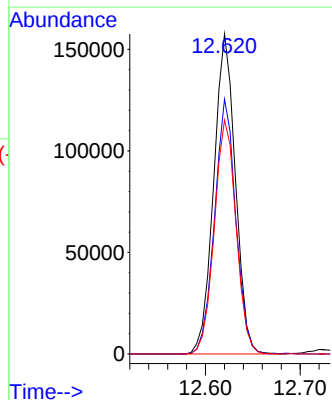
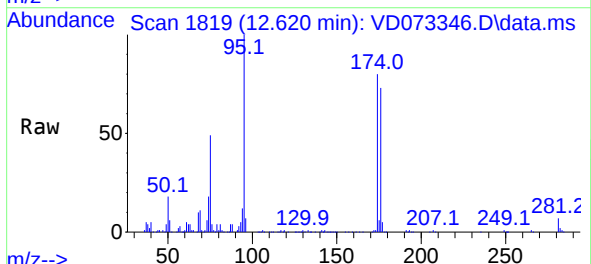
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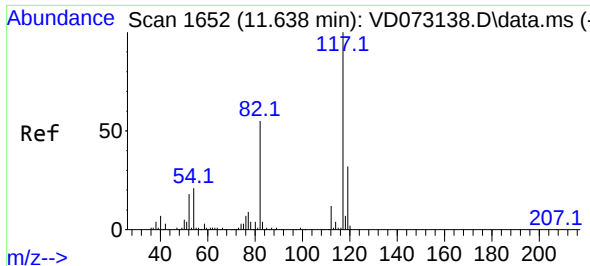
Tgt Ion: 98 Resp: 639115
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.977 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073346.D
Acq: 25 May 2022 02:49

Tgt Ion: 95 Resp: 249865
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 73.4 0.0 145.4

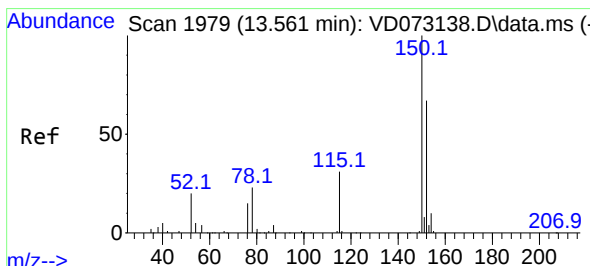
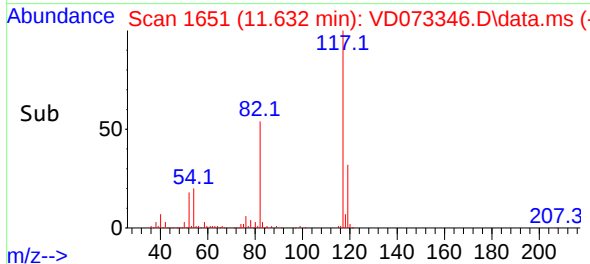
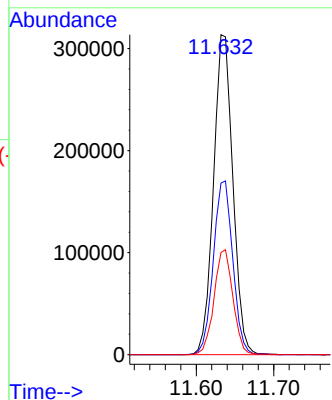
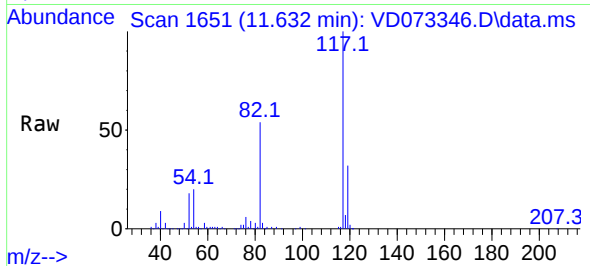




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073346.D
Acq: 25 May 2022 02:49

Instrument :
MSVOA_D
ClientSampleId :
P014-SS003-0006-01

Tgt Ion:117 Resp: 545746
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 32.0 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: VD073346.D
Acq: 25 May 2022 02:49

Tgt Ion:152 Resp: 258934
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 155.8 0.0 348.6

