

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072028.D
 Acq On : 21 Feb 2022 12:24
 Operator : VA/SY
 Sample : N1579-03
 Misc : 6.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(3.0-3.5)

Quant Time: Feb 22 00:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	606436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1025898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	976996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	311518	49.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.914	113	317900	51.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.332	98	1250537	54.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.626	95	457735	54.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.120%

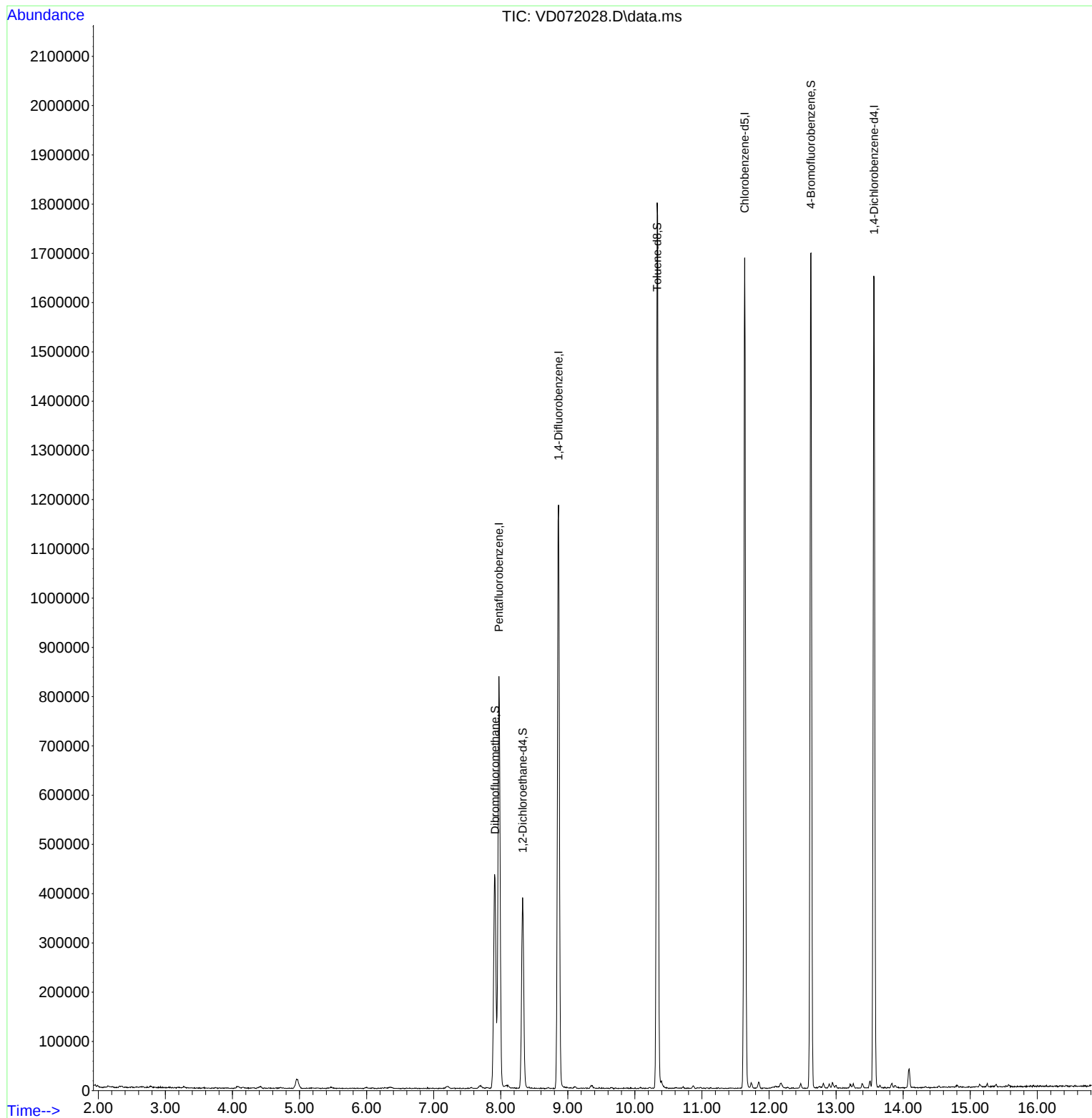
Target Compounds	Qvalue

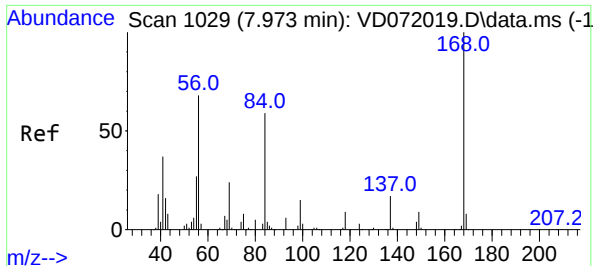
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

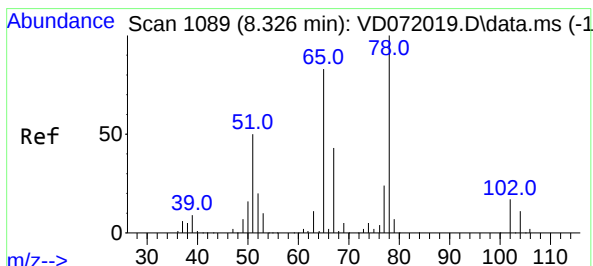
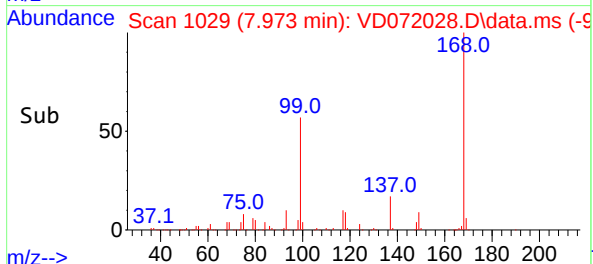
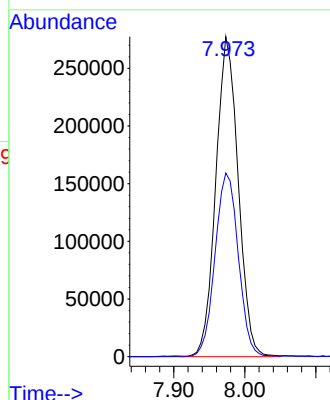
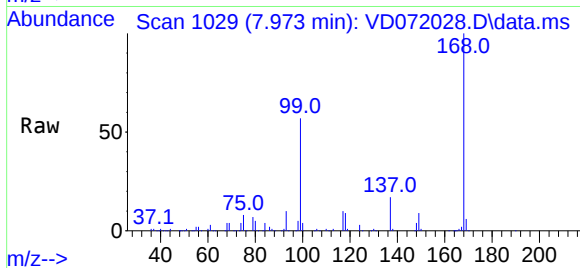
SB-6-(3.0-3.5)

Tgt Ion:168 Resp: 606436

Ion Ratio Lower Upper

168 100

99 57.2 47.1 70.7



1,2-Dichloroethane-d4

Concen: 49.522 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072028.D

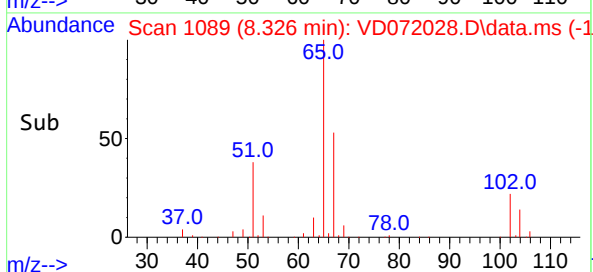
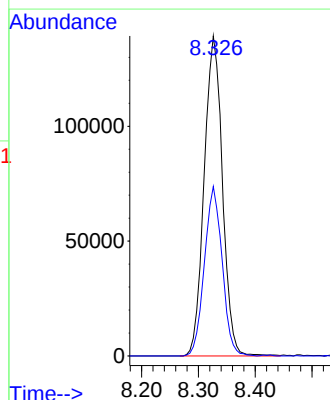
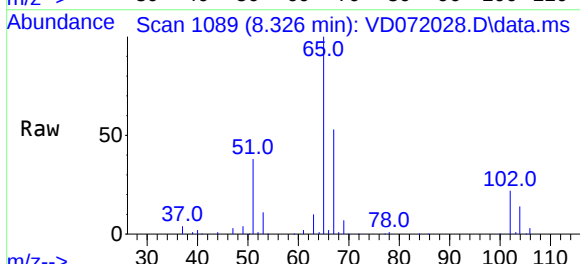
Acq: 21 Feb 2022 12:24

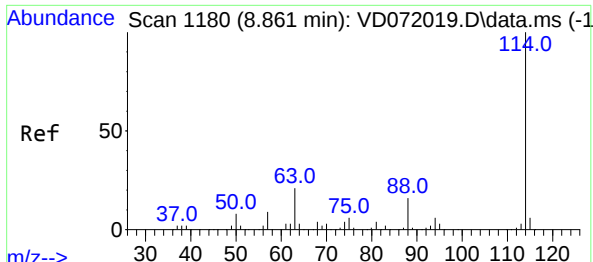
Tgt Ion: 65 Resp: 311518

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.6

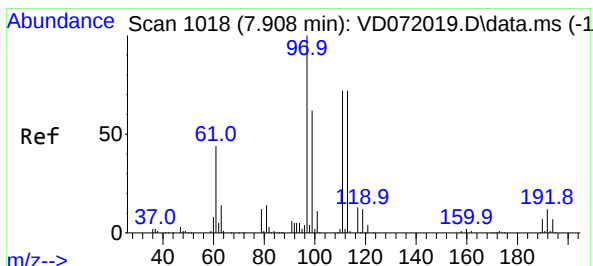
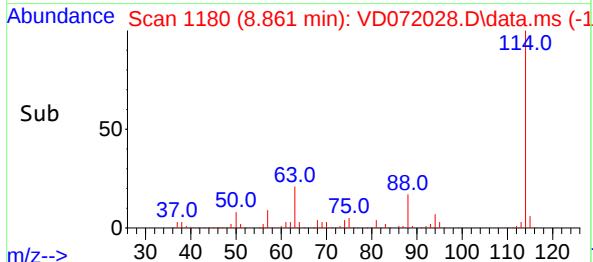
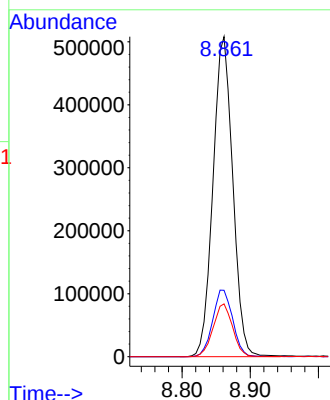
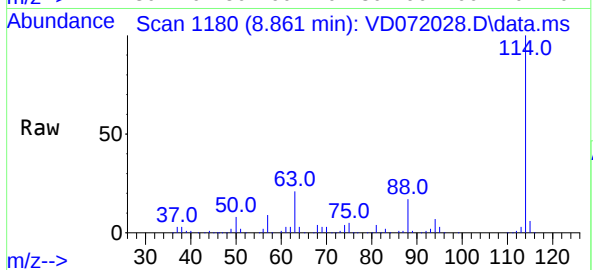




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

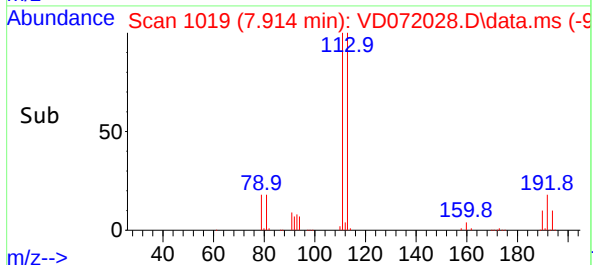
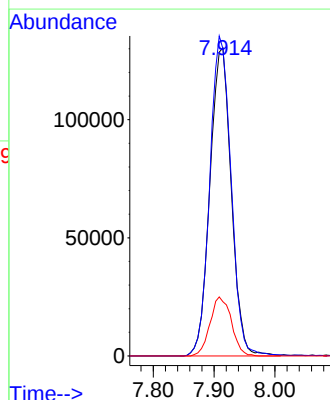
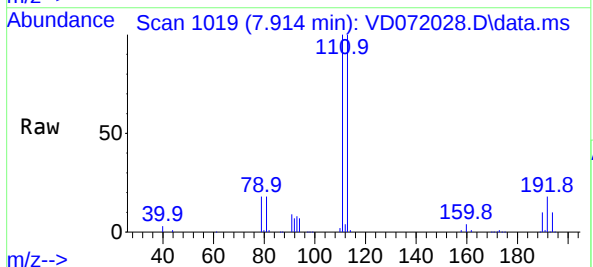
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SB-6-(3.0-3.5)

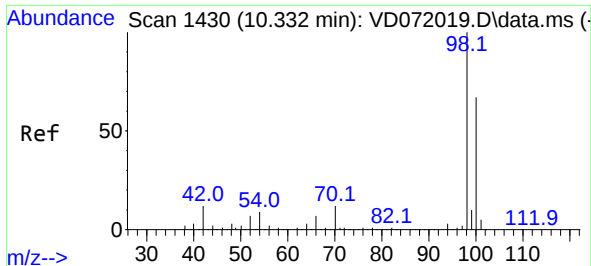
Tgt Ion:114 Resp: 1025898
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.5 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.145 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion:113 Resp: 317900
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 19.1 15.3 22.9

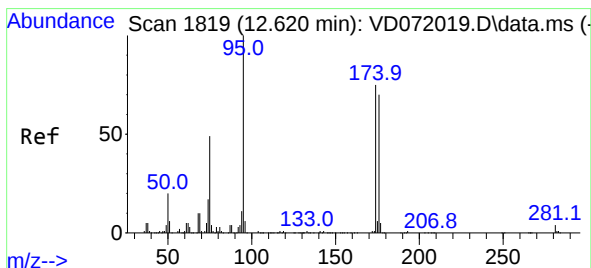
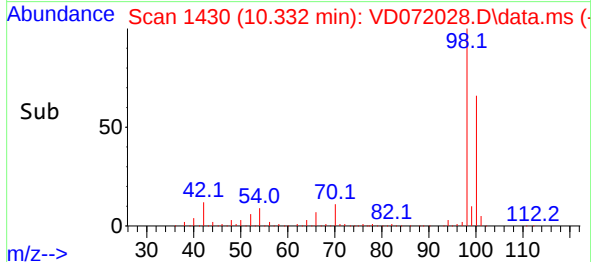
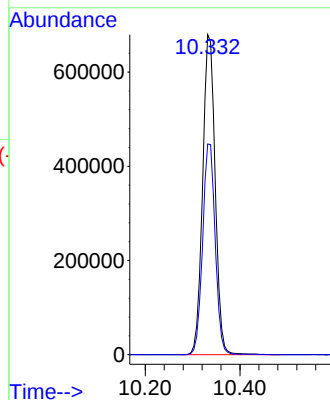
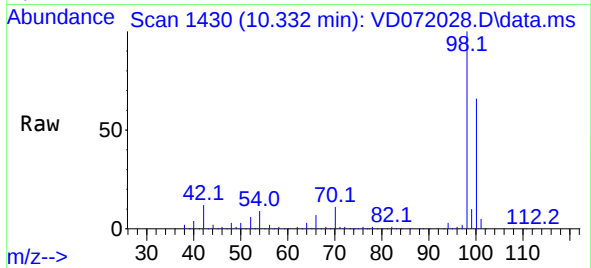




#50
Toluene-d8
Concen: 54.253 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

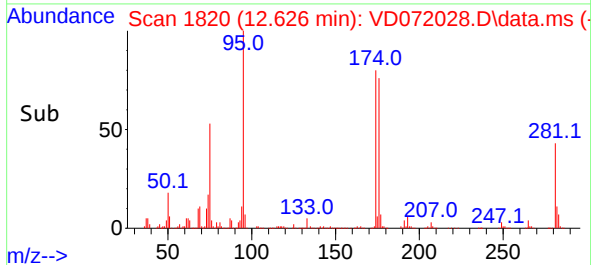
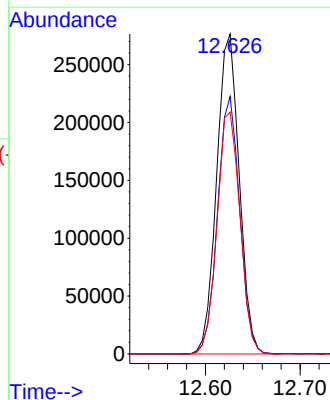
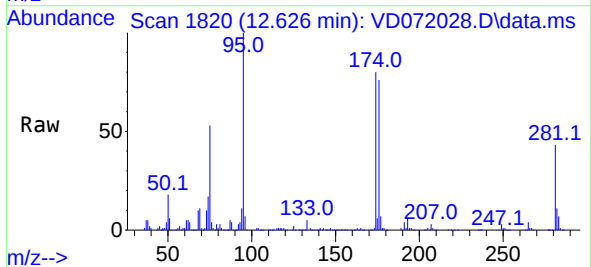
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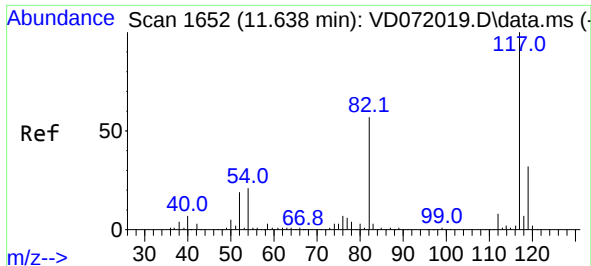
Tgt Ion: 98 Resp: 1250537
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.061 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 95 Resp: 457735
Ion Ratio Lower Upper
95 100
174 79.1 0.0 155.0
176 76.6 0.0 148.8

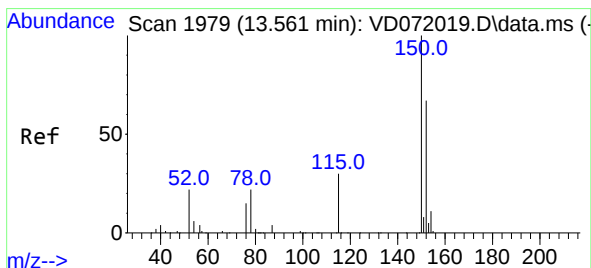
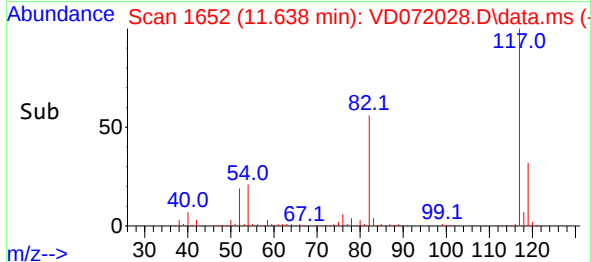
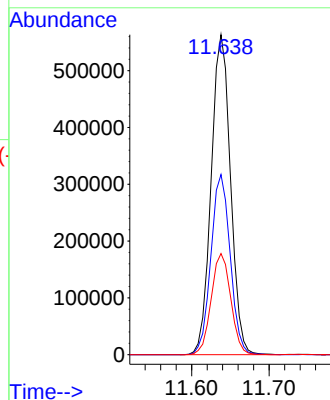
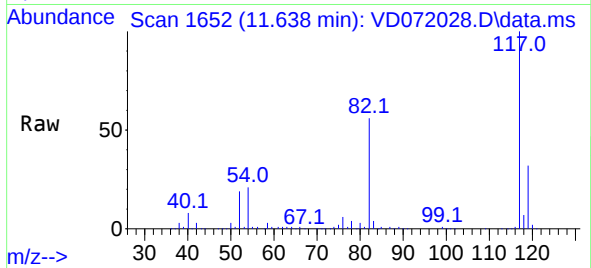




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

Tgt Ion:117 Resp: 976996
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion:152 Resp: 453468
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 156.5 0.0 347.6

