

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072140.D
 Acq On : 01 Mar 2022 15:30
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 02 06:09:45 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	7.979	168	619167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1069291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	516375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	284169	44.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.500%
35) Dibromofluoromethane	7.909	113	308691	48.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.332	98	1333918	56.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.580%
62) 4-Bromofluorobenzene	12.626	95	520798	59.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.660%

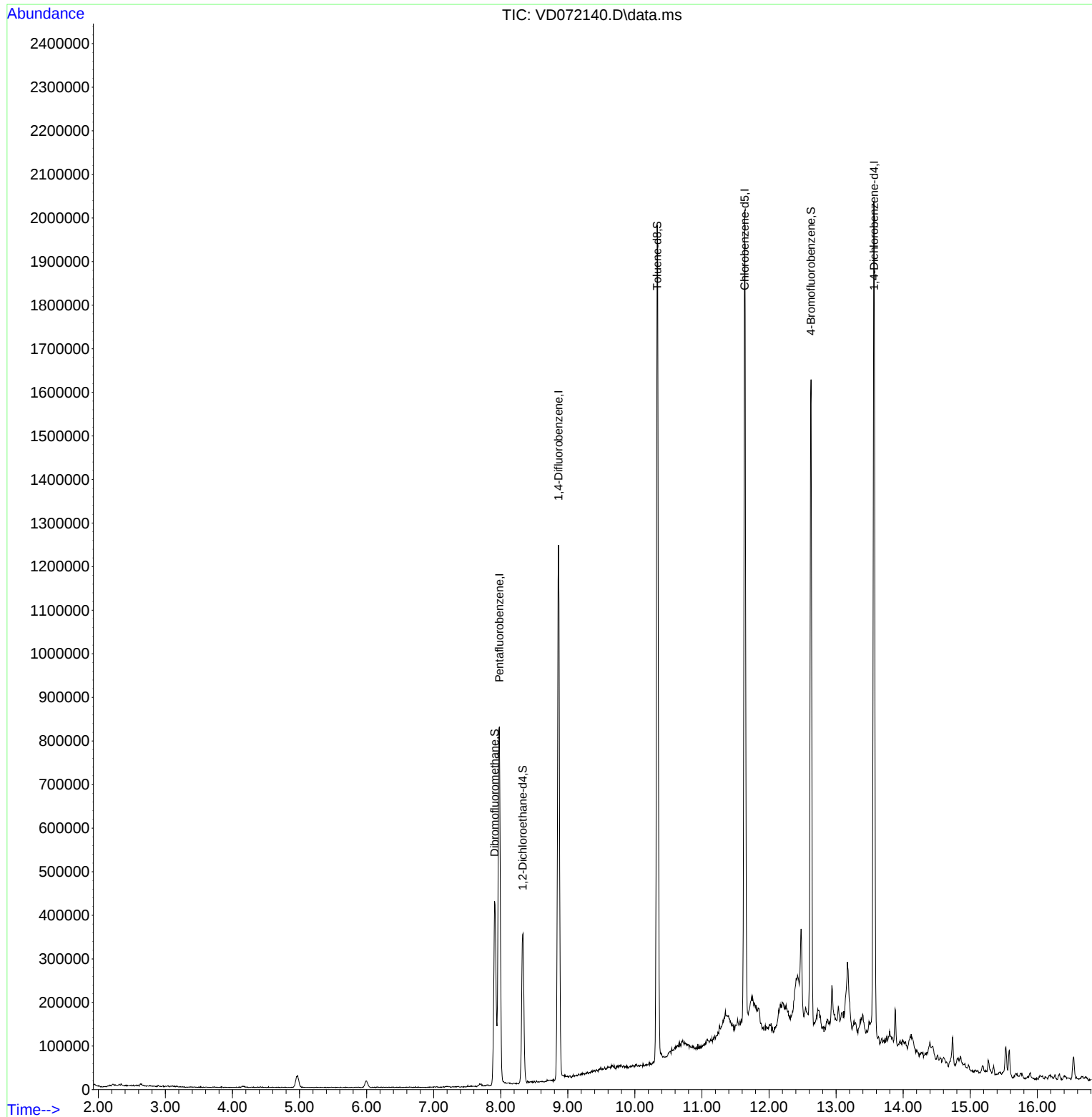
Target Compounds	Qvalue

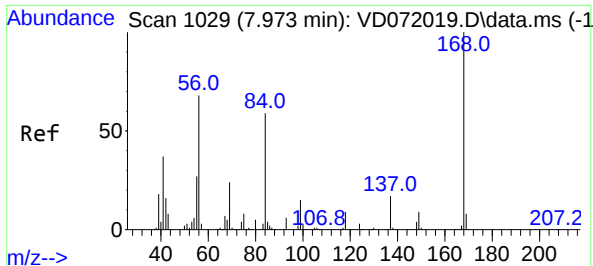
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072140.D

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Instrument :

MSVOA_D

ClientSampleId :

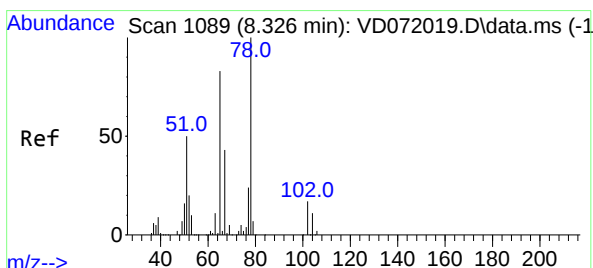
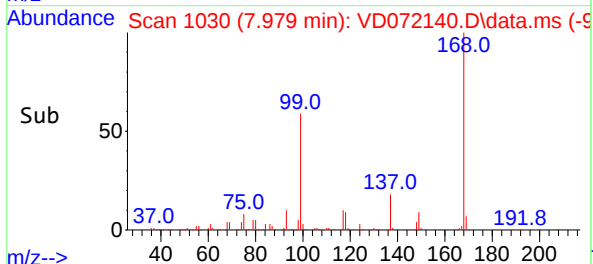
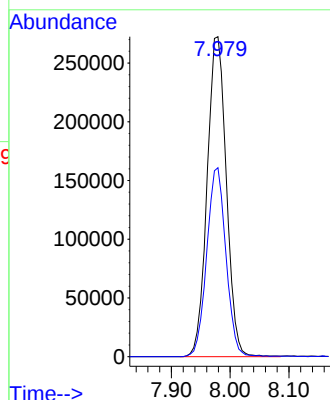
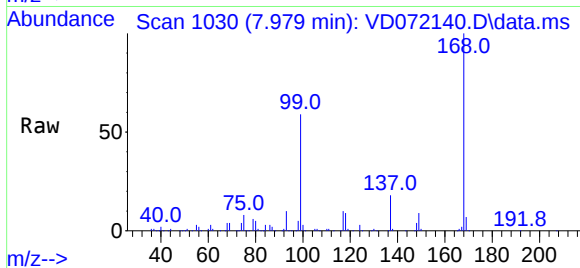
VIBLK

Tgt Ion:168 Resp: 619167

Ion Ratio Lower Upper

168 100

99 59.0 47.1 70.7



1,2-Dichloroethane-d4

Concen: 44.245 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072140.D

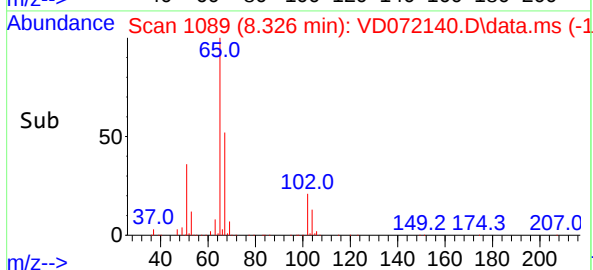
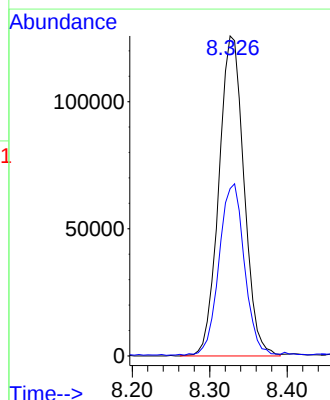
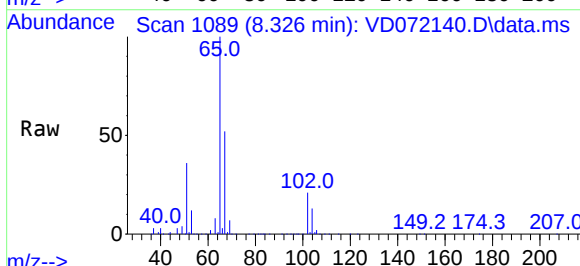
Acq: 01 Mar 2022 15:30

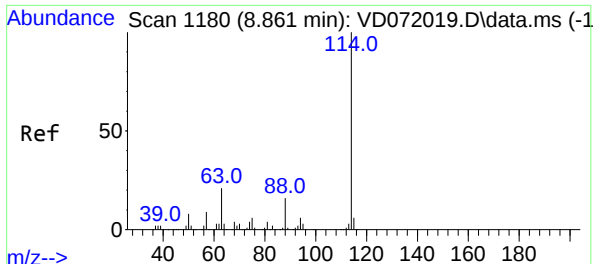
Tgt Ion: 65 Resp: 284169

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6

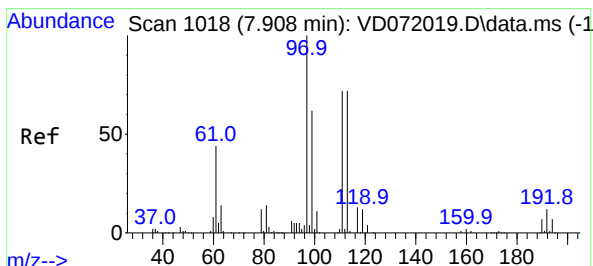
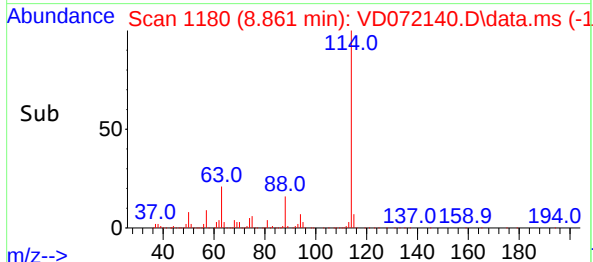
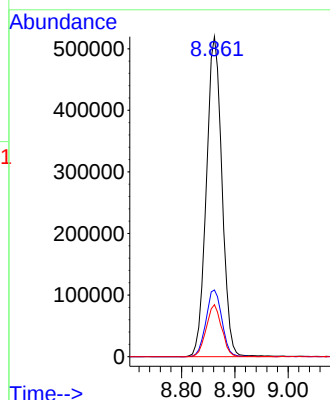
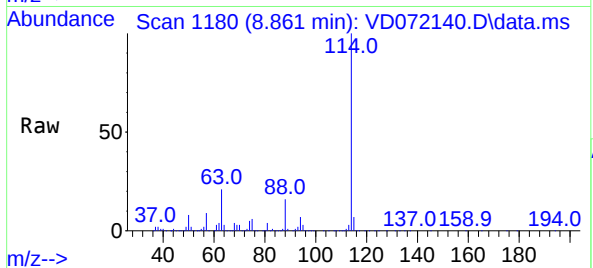




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072140.D
Acq: 01 Mar 2022 15:30

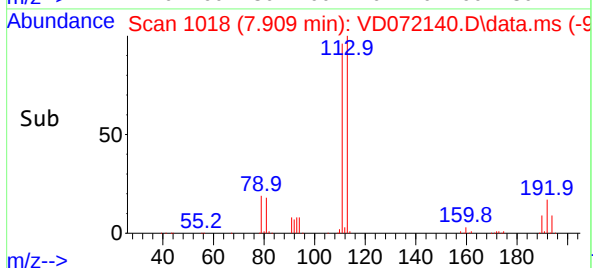
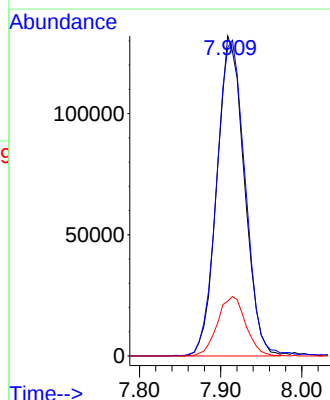
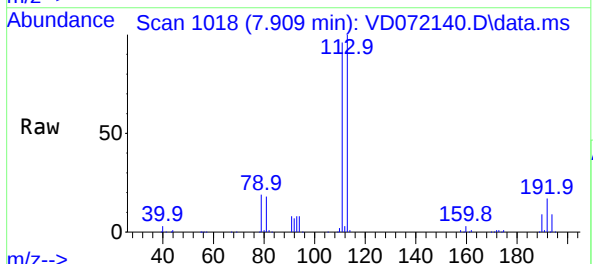
Instrument :
MSVOA_D
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VIBLK

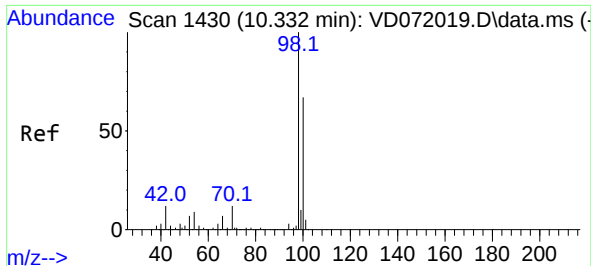
Tgt Ion:114 Resp: 1054711
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 16.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 48.307 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072140.D
Acq: 01 Mar 2022 15:30

Tgt Ion:113 Resp: 308691
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 19.2 15.3 22.9

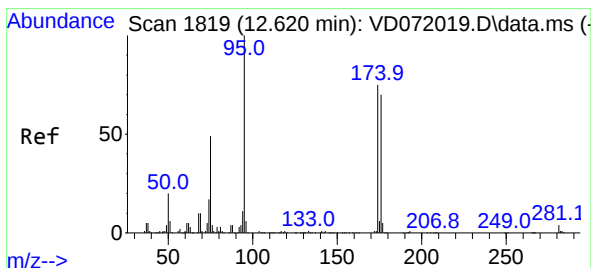
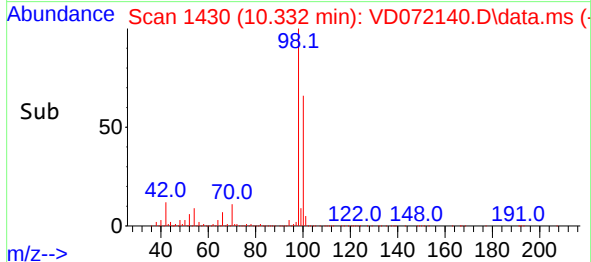
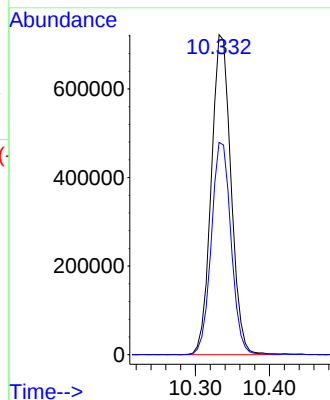
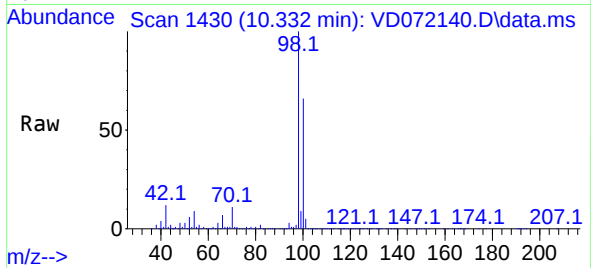




#50
Toluene-d8
Concen: 56.290 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072140.D
Acq: 01 Mar 2022 15:30

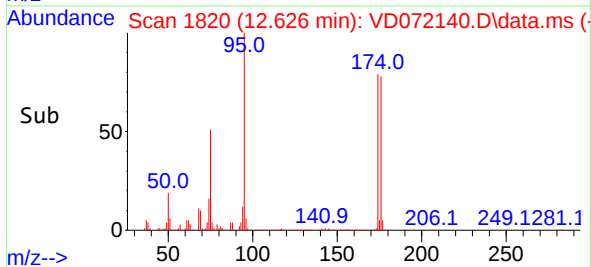
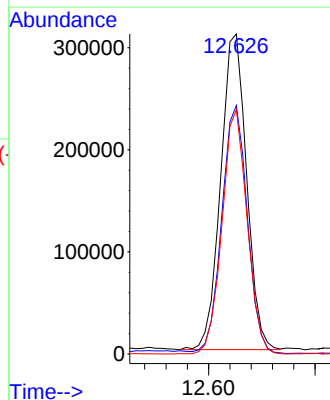
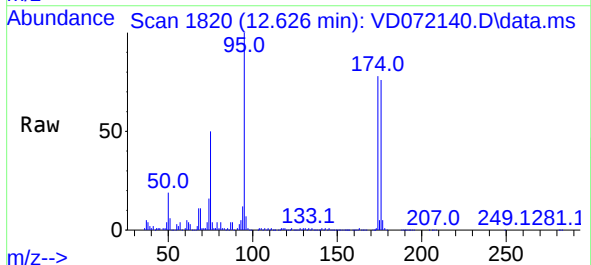
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

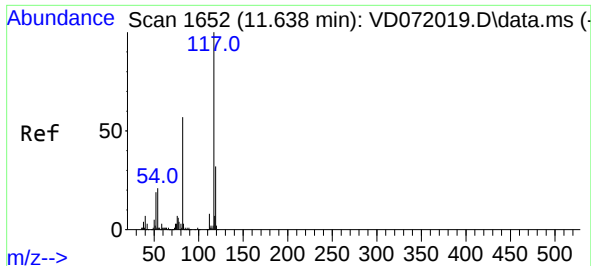
Tgt Ion: 98 Resp: 1333918
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 59.829 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072140.D
Acq: 01 Mar 2022 15:30

Tgt Ion: 95 Resp: 520798
Ion Ratio Lower Upper
95 100
174 77.4 0.0 155.0
176 74.9 0.0 148.8

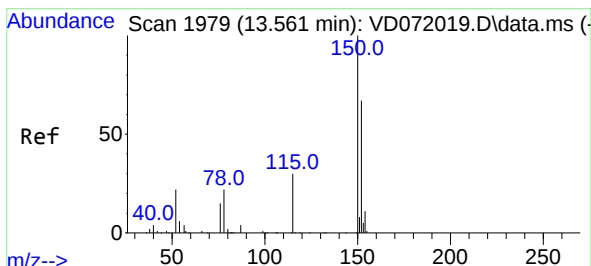
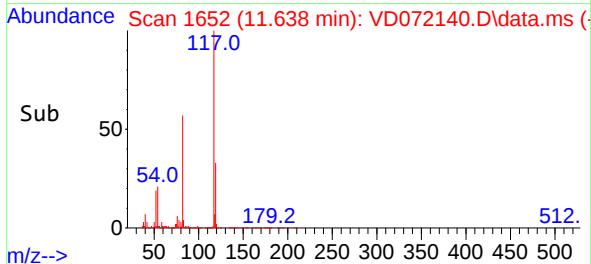
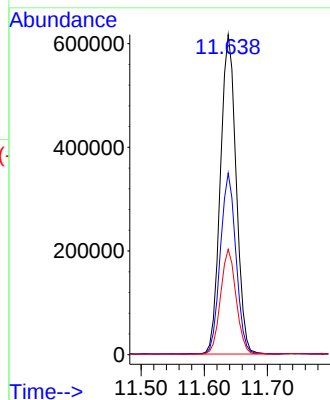
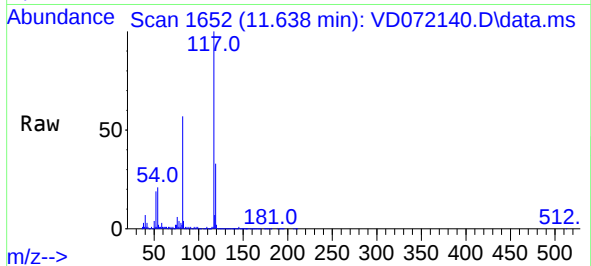




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072140.D
Acq: 01 Mar 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1069291
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.8 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: VD072140.D
Acq: 01 Mar 2022 15:30

Tgt Ion:152 Resp: 516375
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 158.7 0.0 347.6

