

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072138.D
 Acq On : 01 Mar 2022 14:33
 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 06:09:16 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	520178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	898049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	866141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	413298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245737	45.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.914	113	268786	49.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.338	98	1110380	55.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.626	95	398355	53.746	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.500%

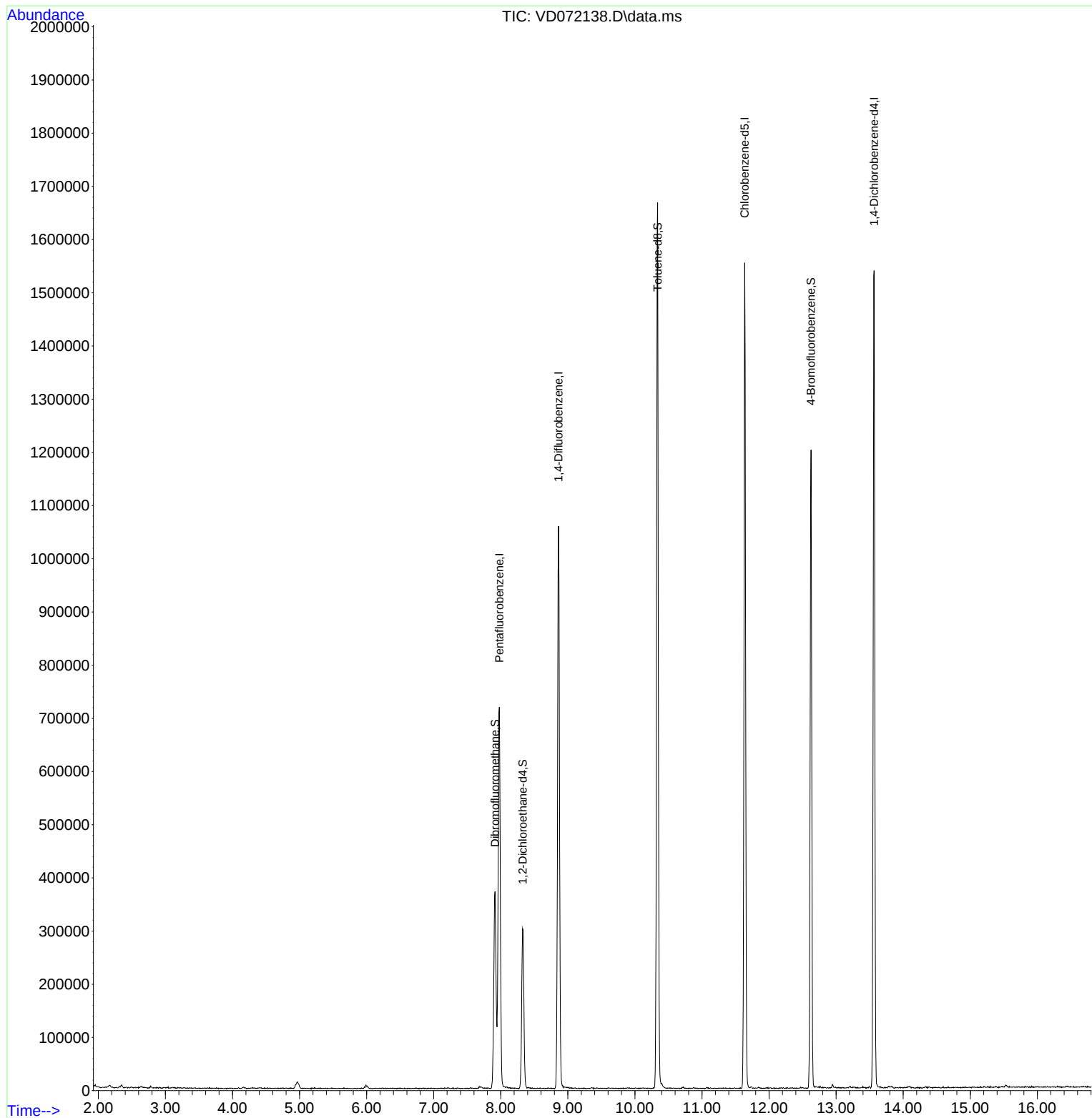
Target Compounds	Qvalue

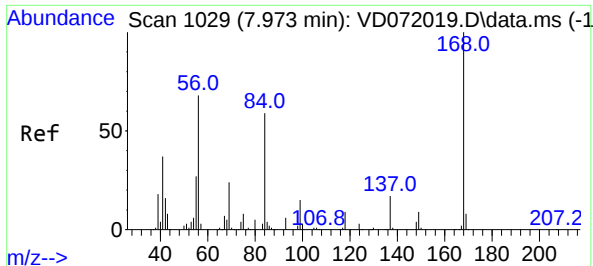
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072138.D

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MSVOA_D

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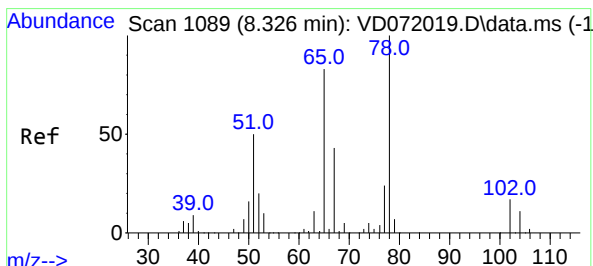
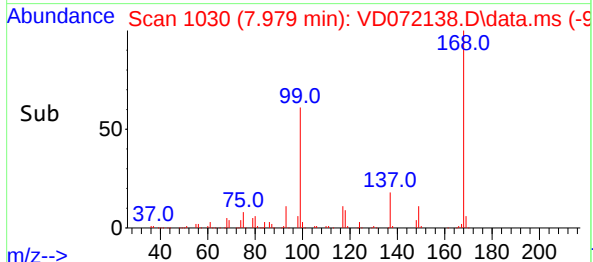
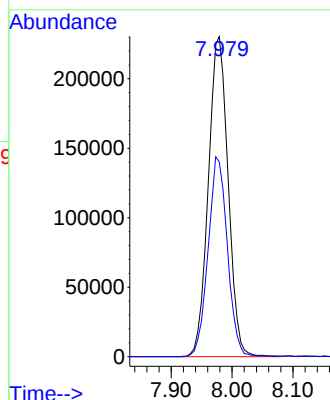
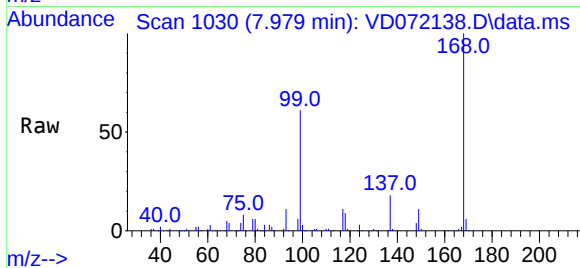
VIBLK

Tgt Ion:168 Resp: 520178

Ion Ratio Lower Upper

168 100

99 60.9 47.1 70.7



1,2-Dichloroethane-d4

Concen: 45.542 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072138.D

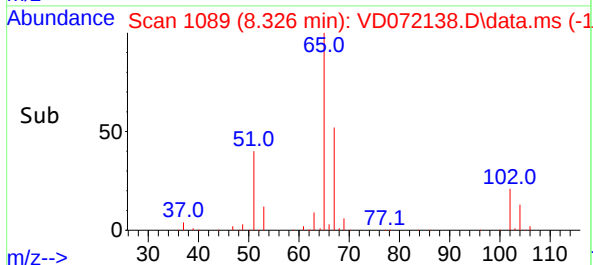
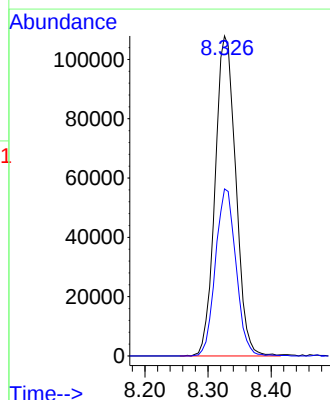
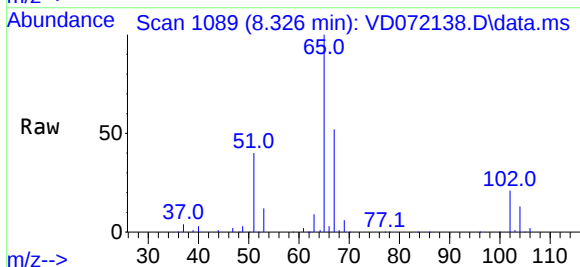
Acq: 01 Mar 2022 14:33

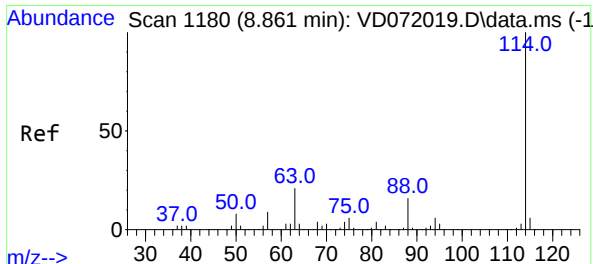
Tgt Ion: 65 Resp: 245737

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6

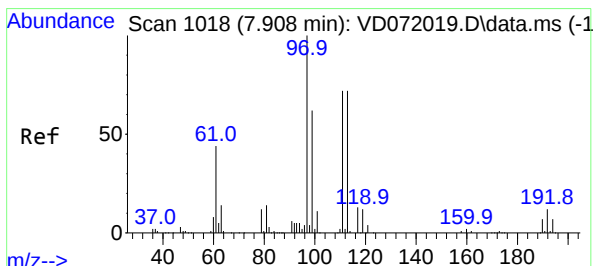
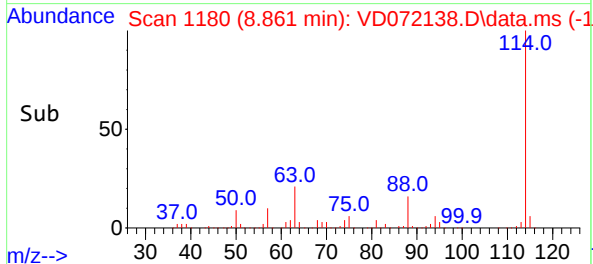
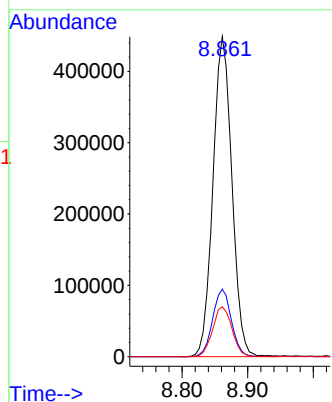
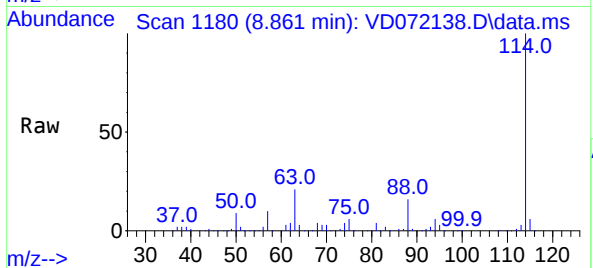




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

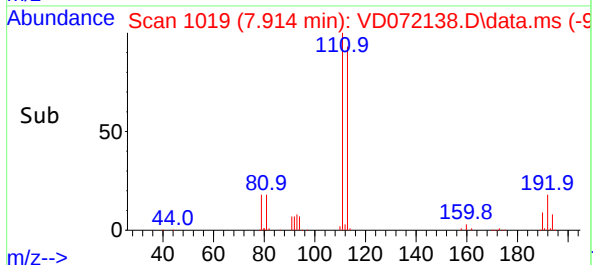
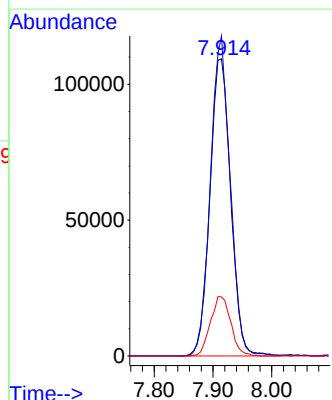
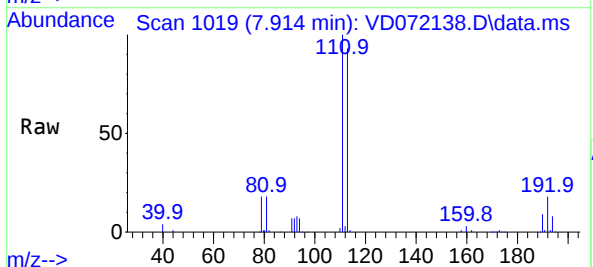
Instrument :
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VIBLK

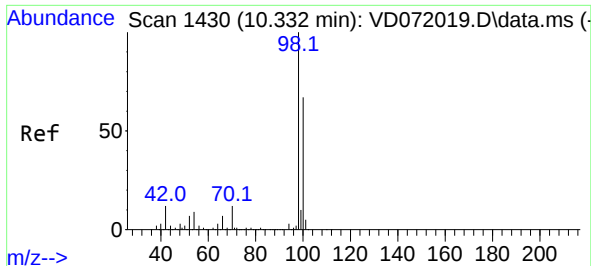
Tgt Ion:114 Resp: 898049
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 15.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.400 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion:113 Resp: 268786
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 19.6 15.3 22.9

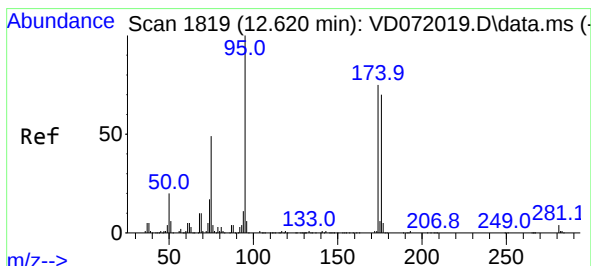
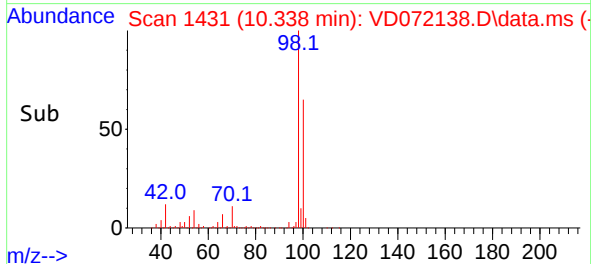
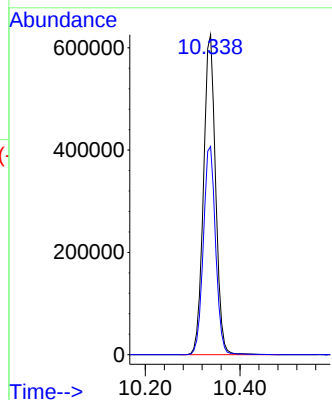
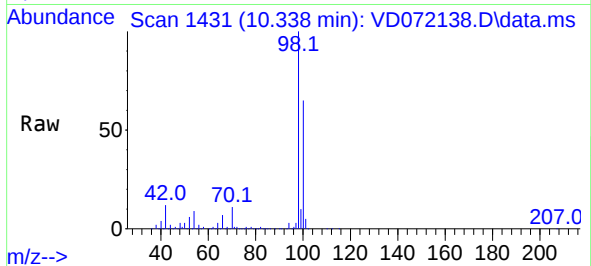




#50
Toluene-d8
Concen: 55.031 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

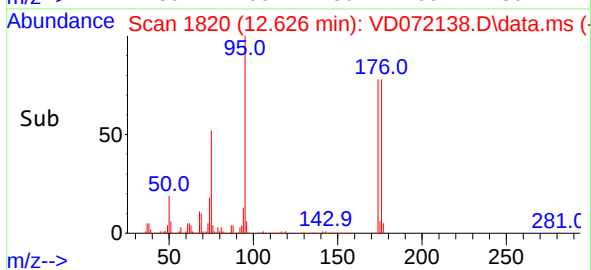
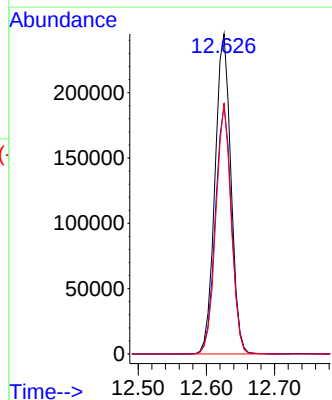
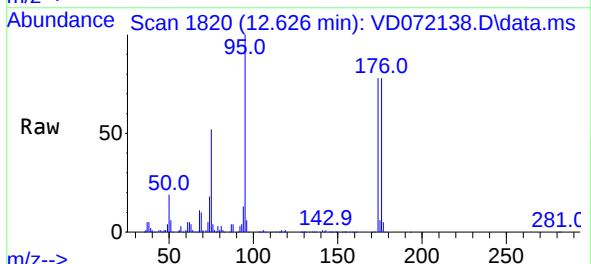
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

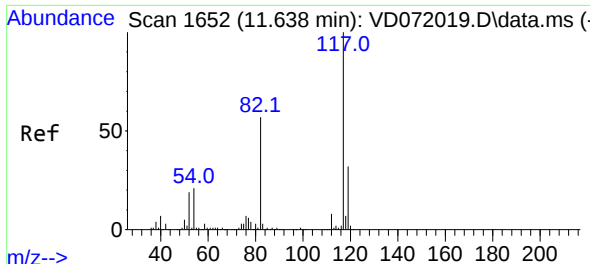
Tgt Ion: 98 Resp: 1110380
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.746 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 95 Resp: 398355
Ion Ratio Lower Upper
95 100
174 78.3 0.0 155.0
176 75.1 0.0 148.8

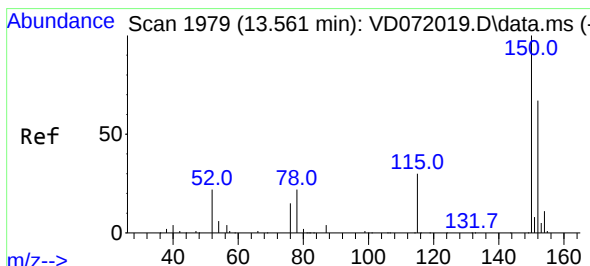
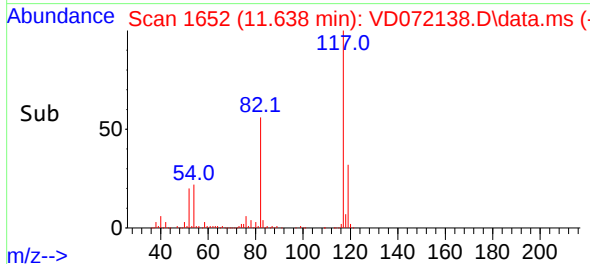
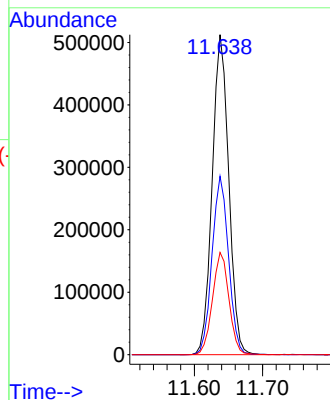
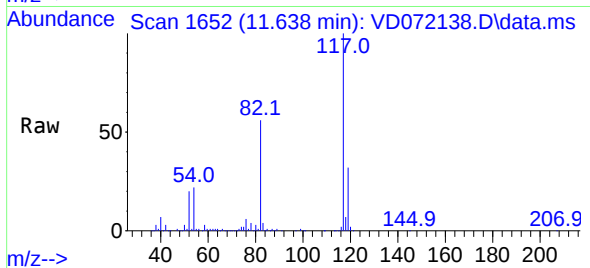




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 866141
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.0 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: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion:152 Resp: 413298
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 156.0 0.0 347.6

