

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072124.D
 Acq On : 28 Feb 2022 15:57
 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 01 08:13:22 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	532689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	927444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	907442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	432271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272887	49.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.908	113	283101	50.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.338	98	1128121	54.138	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.626	95	421622	55.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.160%

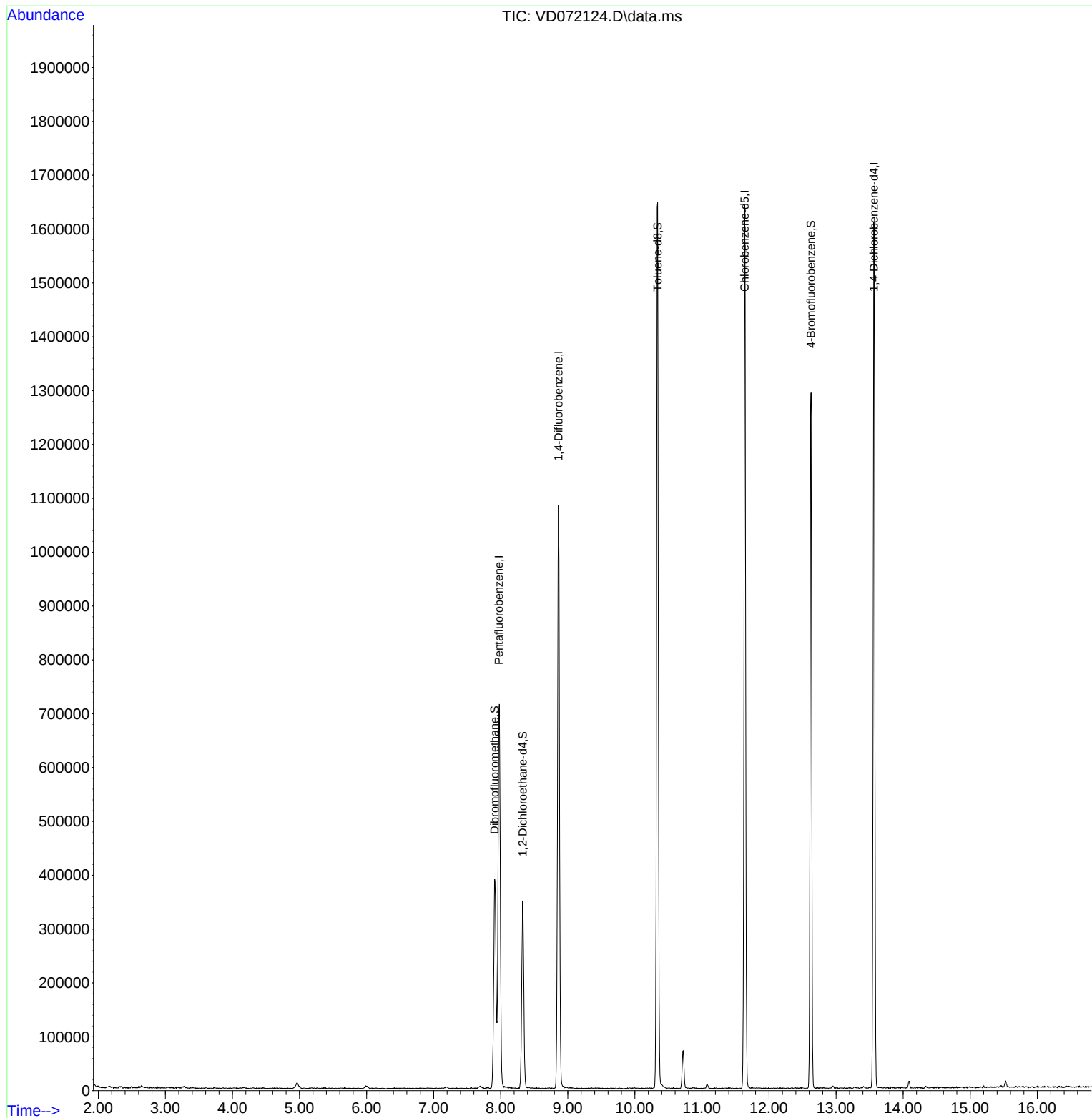
Target Compounds	Qvalue

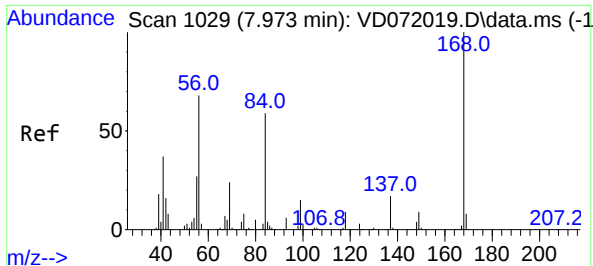
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072124.D

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Instrument :

MSVOA_D

ClientSampleId :

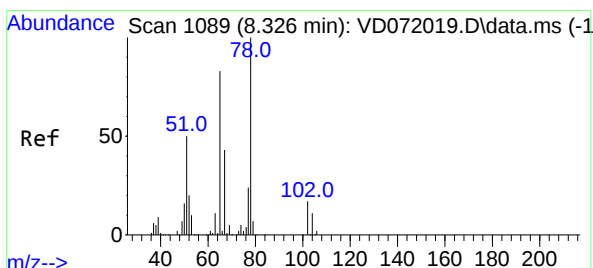
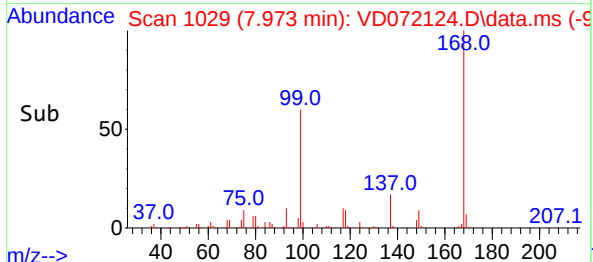
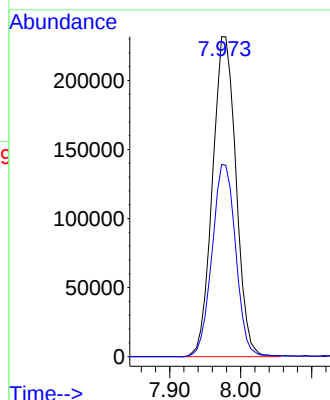
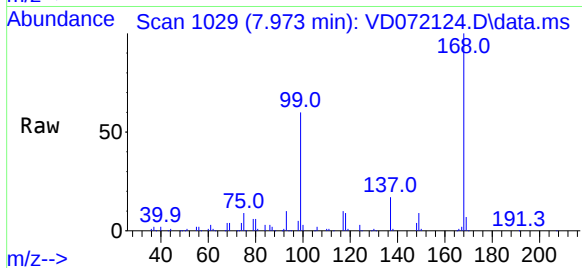
VIBLK

Tgt Ion:168 Resp: 532689

Ion Ratio Lower Upper

168 100

99 60.1 47.1 70.7



1,2-Dichloroethane-d4

Concen: 49.386 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072124.D

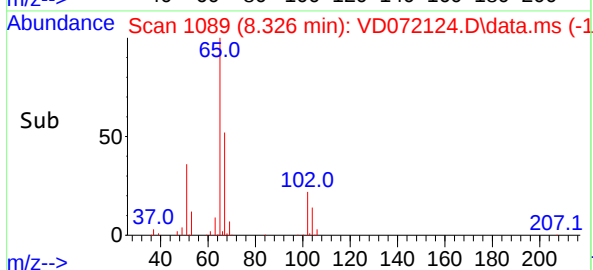
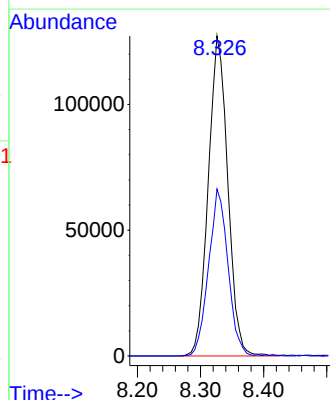
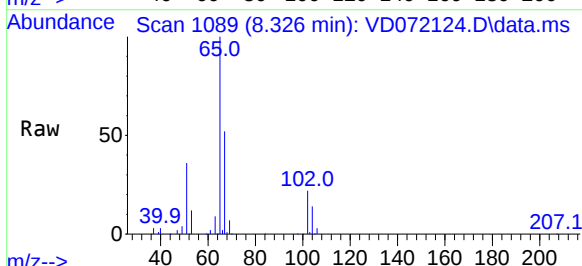
Acq: 28 Feb 2022 15:57

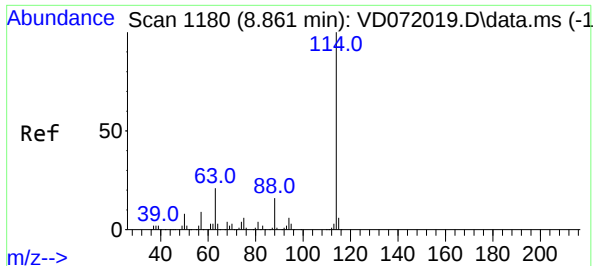
Tgt Ion: 65 Resp: 272887

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6

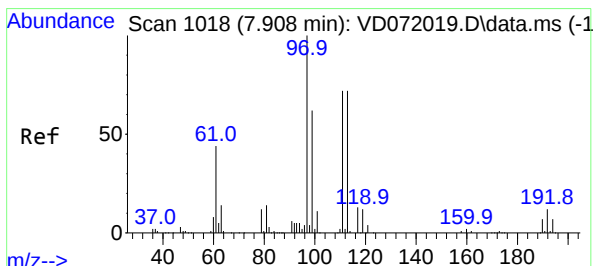
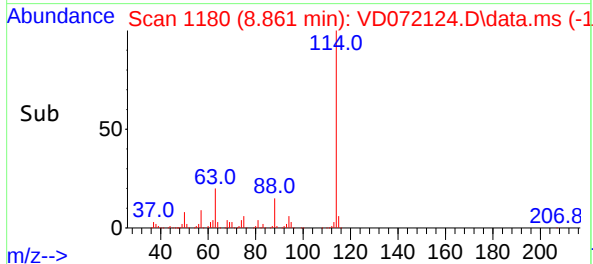
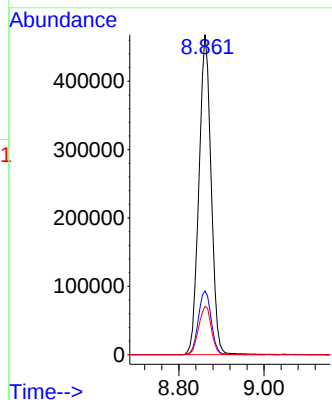
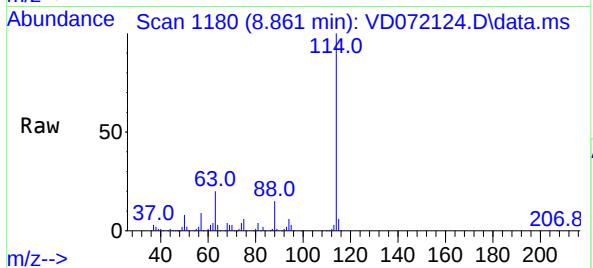




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

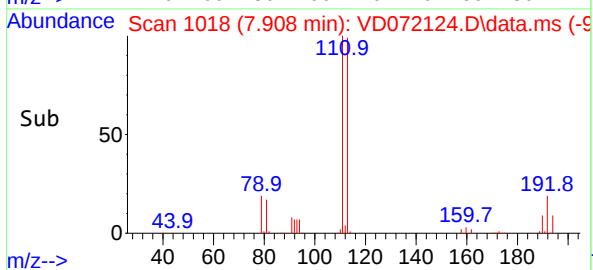
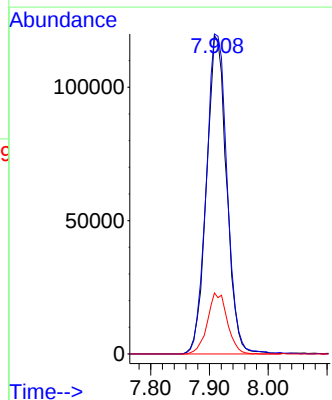
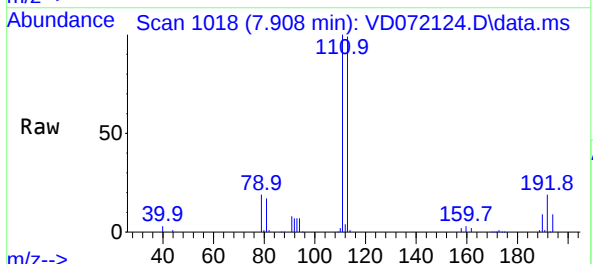
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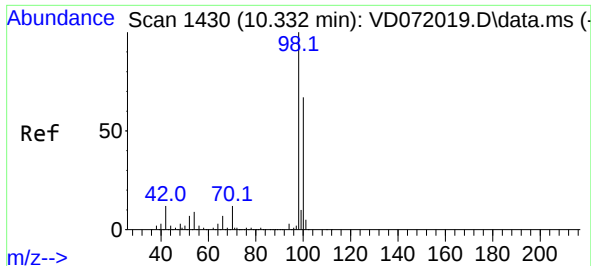
Tgt Ion:	114	Resp:	927444
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	42.2
88	15.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 50.382 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion:	113	Resp:	283101
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.0	124.4
192	19.0	15.3	22.9

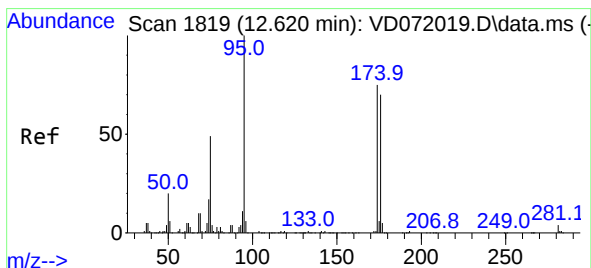
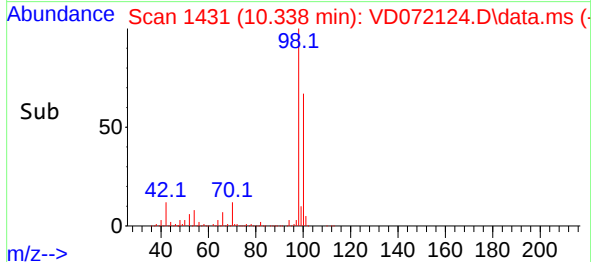
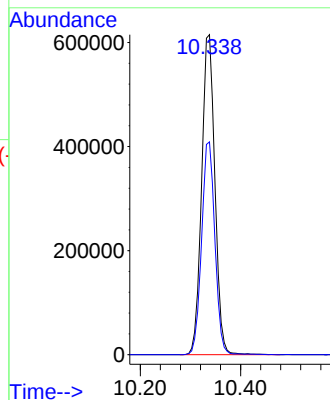
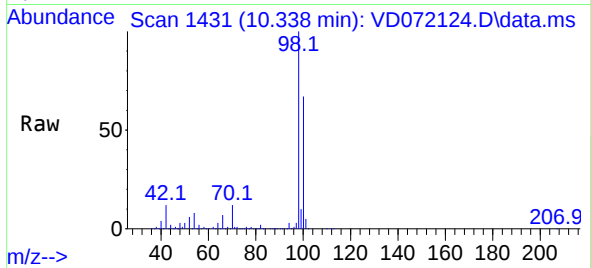




#50
Toluene-d8
Concen: 54.138 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

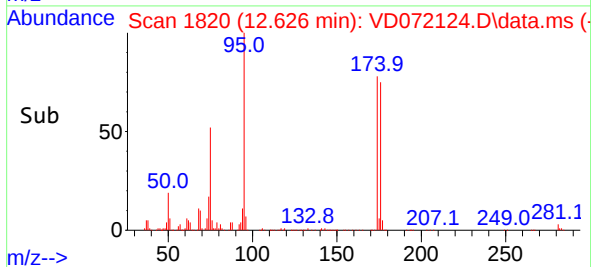
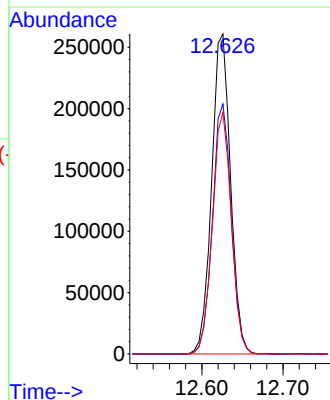
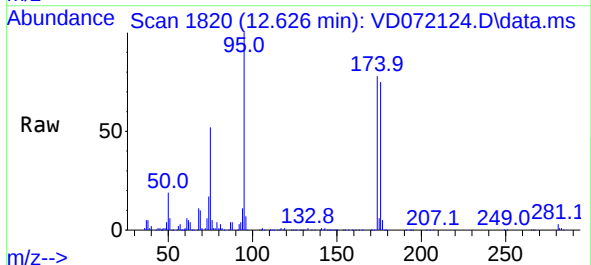
Instrument :
MSVOA_D
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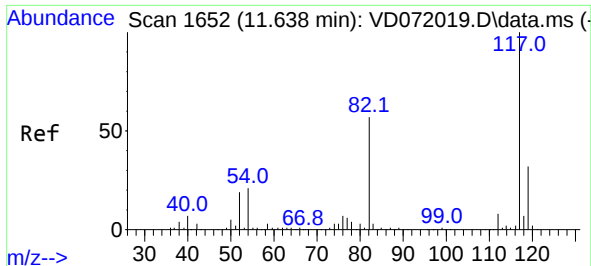
Tgt Ion: 98 Resp: 1128121
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 55.082 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion: 95 Resp: 421622
Ion Ratio Lower Upper
95 100
174 78.1 0.0 155.0
176 75.2 0.0 148.8

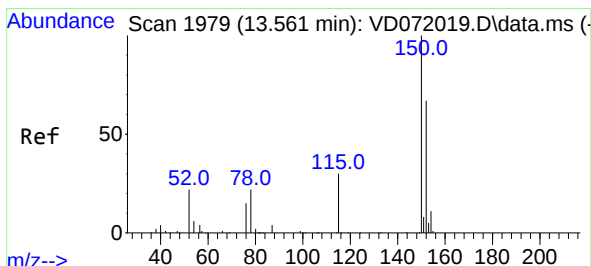
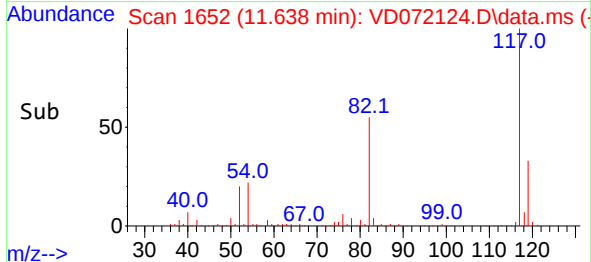
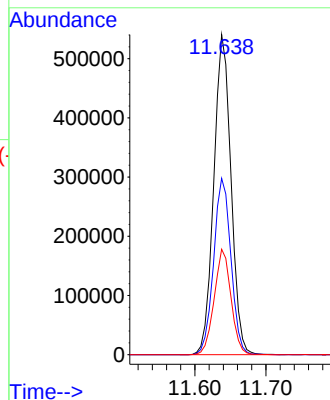
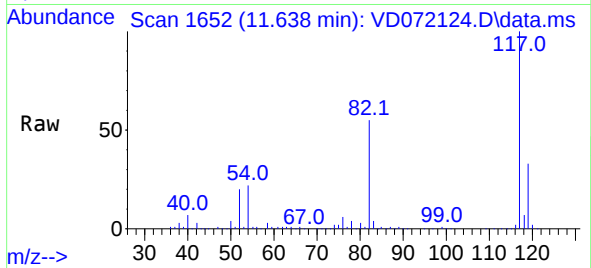




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 907442
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion:152 Resp: 432271
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 158.2 0.0 347.6

