

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072126.D
 Acq On : 28 Feb 2022 16:54
 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 08:13:48 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	541493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	933409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	902871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	428969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255774	45.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.914	113	279622	49.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.332	98	1141471	54.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.626	95	421340	54.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.380%

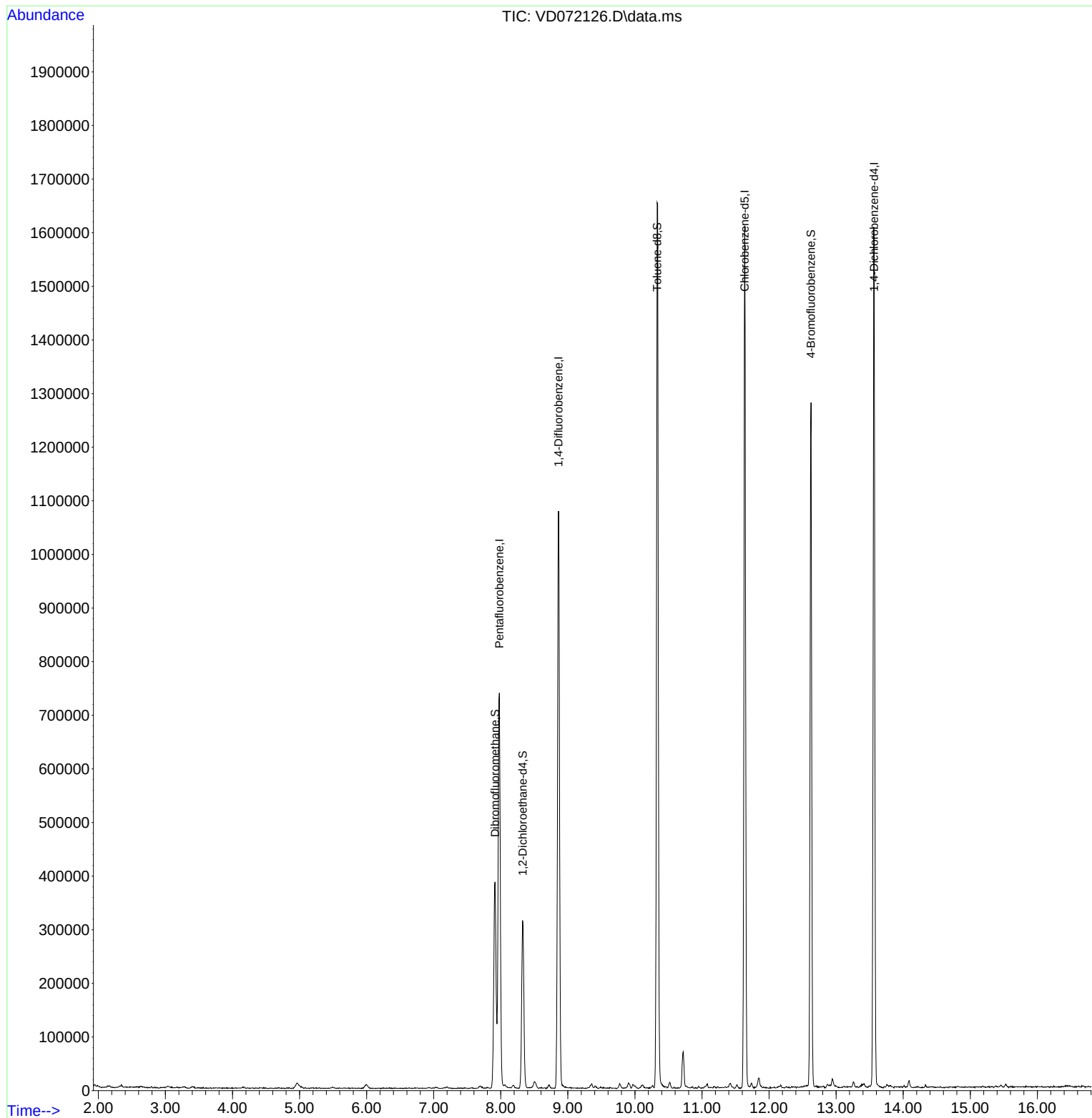
Target Compounds	Qvalue

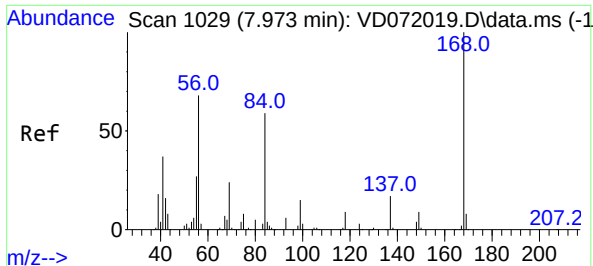
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072126.D

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Instrument :

MSVOA_D

ClientSampleId :

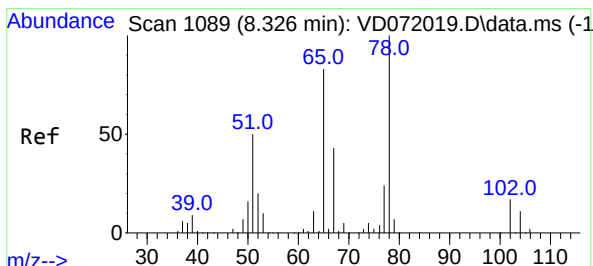
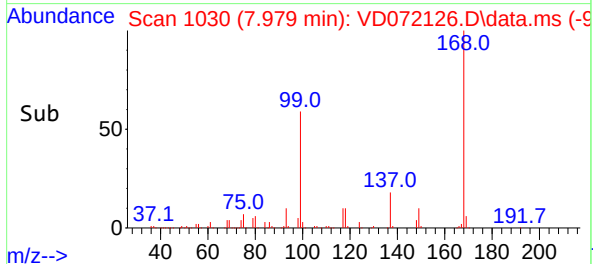
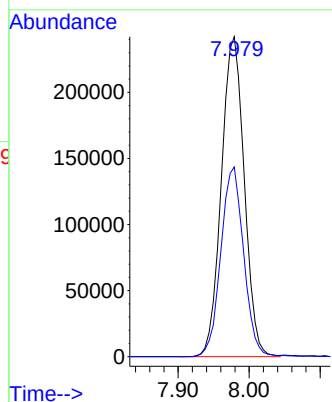
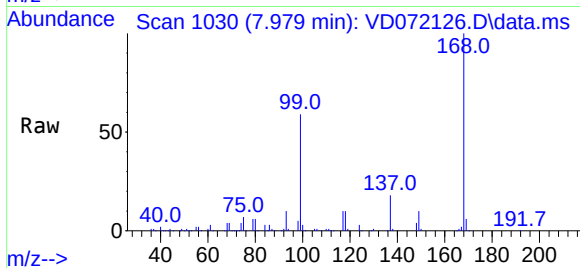
VIBLK

Tgt Ion:168 Resp: 541493

Ion Ratio Lower Upper

168 100

99 59.3 47.1 70.7



1,2-Dichloroethane-d4

Concen: 45.537 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072126.D

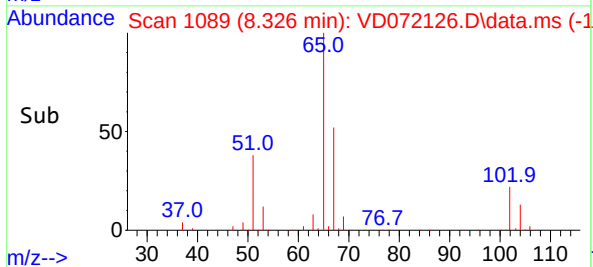
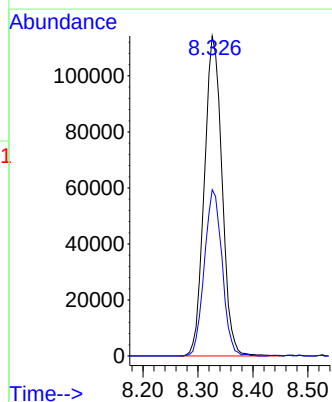
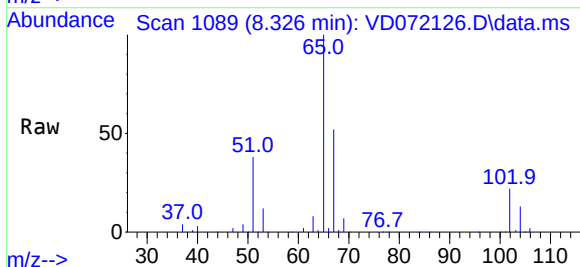
Acq: 28 Feb 2022 16:54

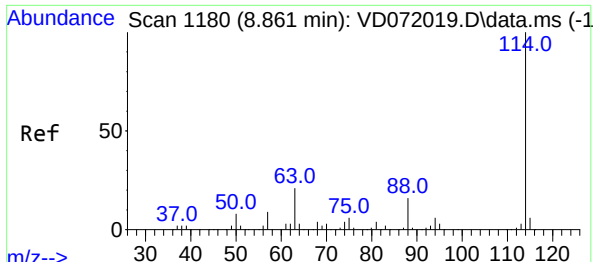
Tgt Ion: 65 Resp: 255774

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.6



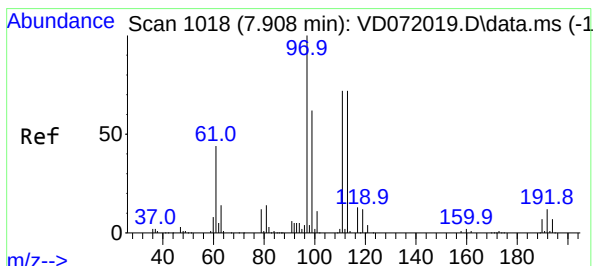
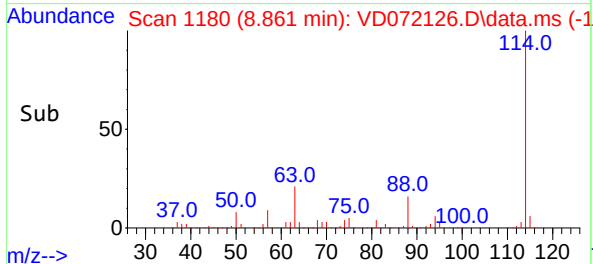
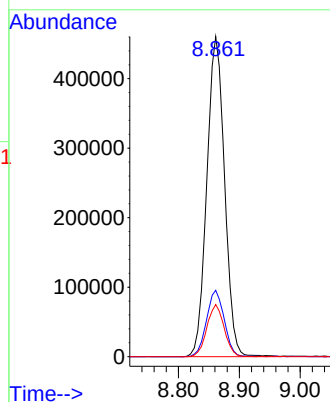
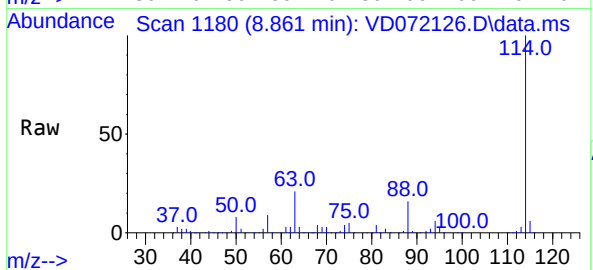


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072126.D
Acq: 28 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 933409

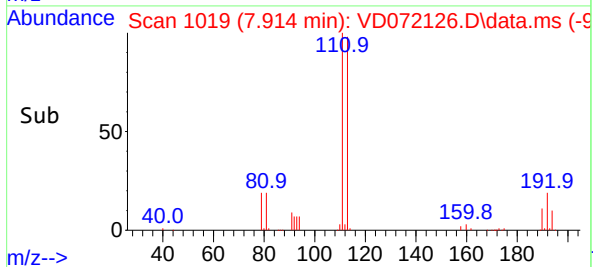
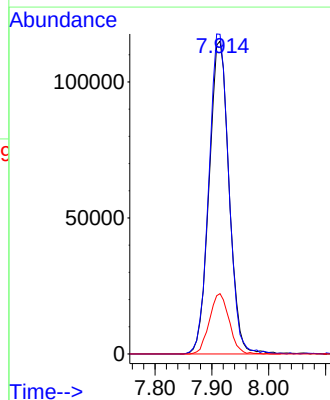
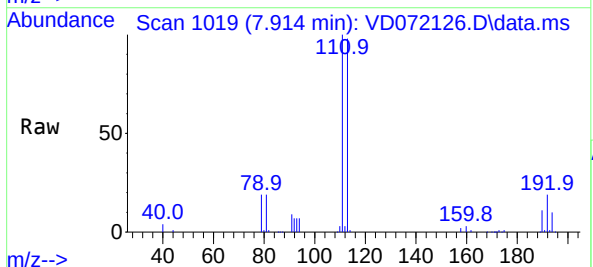
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	16.3	0.0	31.2

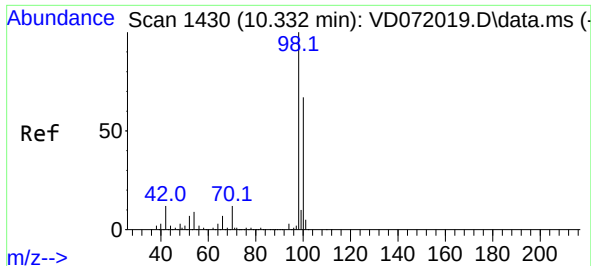


#35
Dibromofluoromethane
Concen: 49.445 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072126.D
Acq: 28 Feb 2022 16:54

Tgt Ion:113 Resp: 279622

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	19.0	15.3	22.9

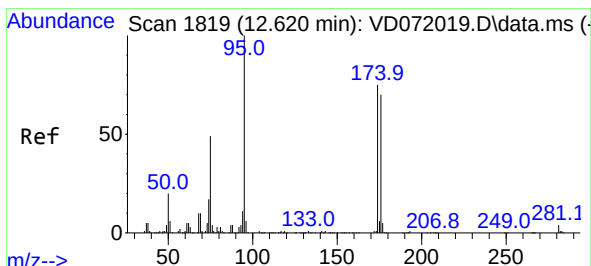
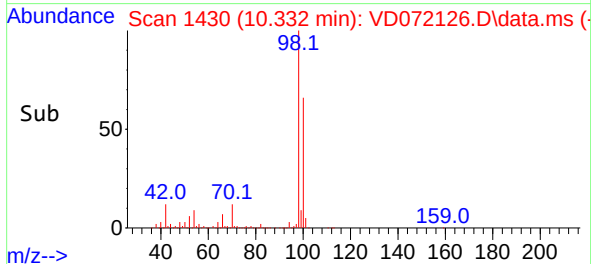
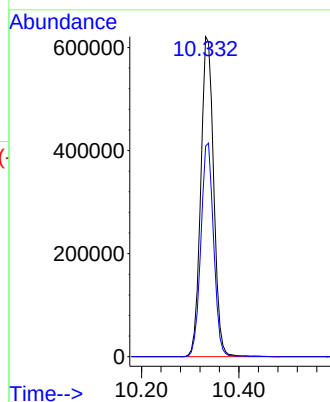
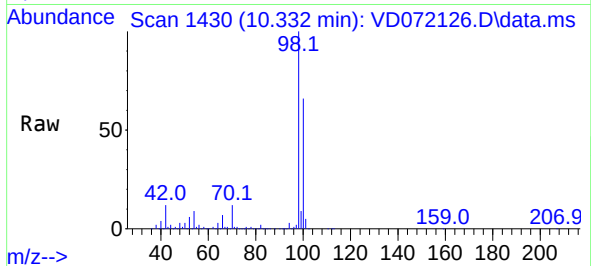




#50
Toluene-d8
Concen: 54.428 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072126.D
Acq: 28 Feb 2022 16:54

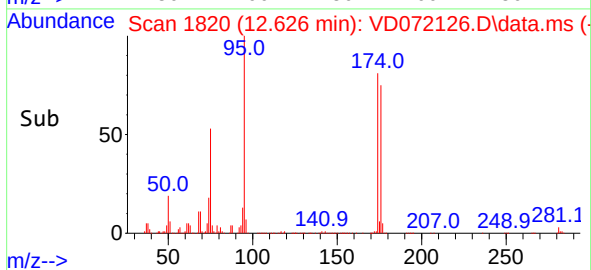
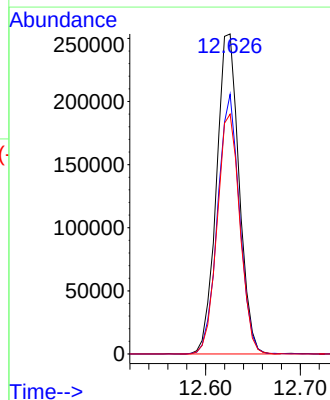
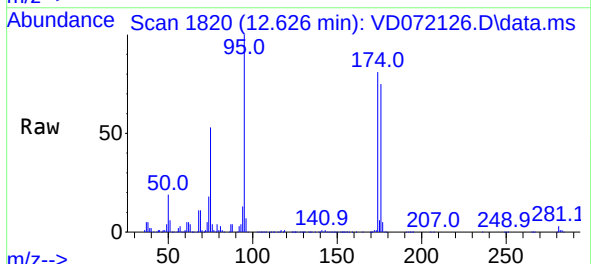
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

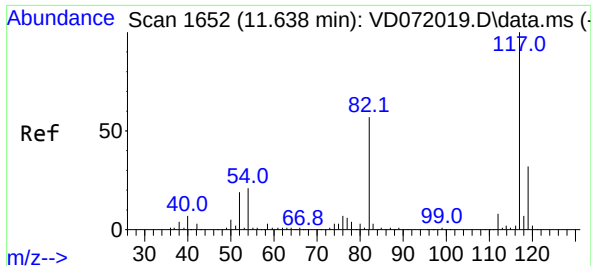
Tgt Ion: 98 Resp: 1141471
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.694 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072126.D
Acq: 28 Feb 2022 16:54

Tgt Ion: 95 Resp: 421340
Ion Ratio Lower Upper
95 100
174 78.4 0.0 155.0
176 75.1 0.0 148.8

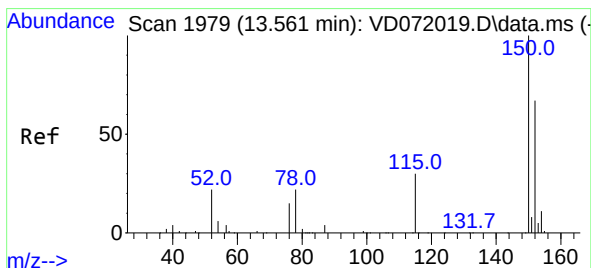
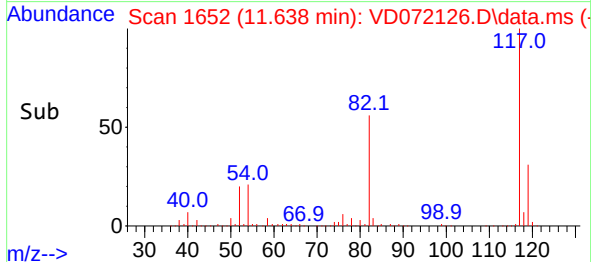
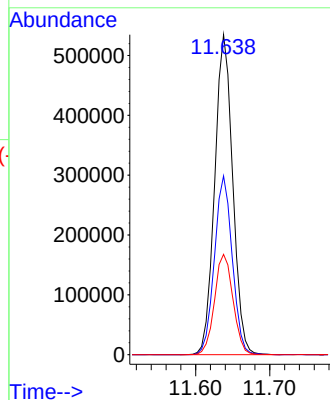
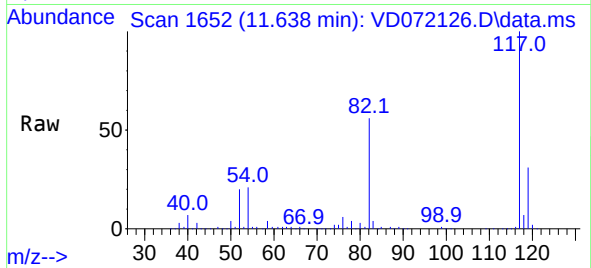




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072126.D
Acq: 28 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 902871
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 31.4 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: VD072126.D
Acq: 28 Feb 2022 16:54

Tgt Ion:152 Resp: 428969
Ion Ratio Lower Upper
152 100
115 60.2 29.9 89.7
150 157.1 0.0 347.6

