

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072601.D
 Acq On : 18 Apr 2022 16:54
 Operator : VA/SY
 Sample : N2444-02
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Apr 19 02:51:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	418761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	773938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252816	49.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.914	113	274443	42.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.600%
50) Toluene-d8	10.332	98	991484	43.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.620	95	340928	38.705	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.400%

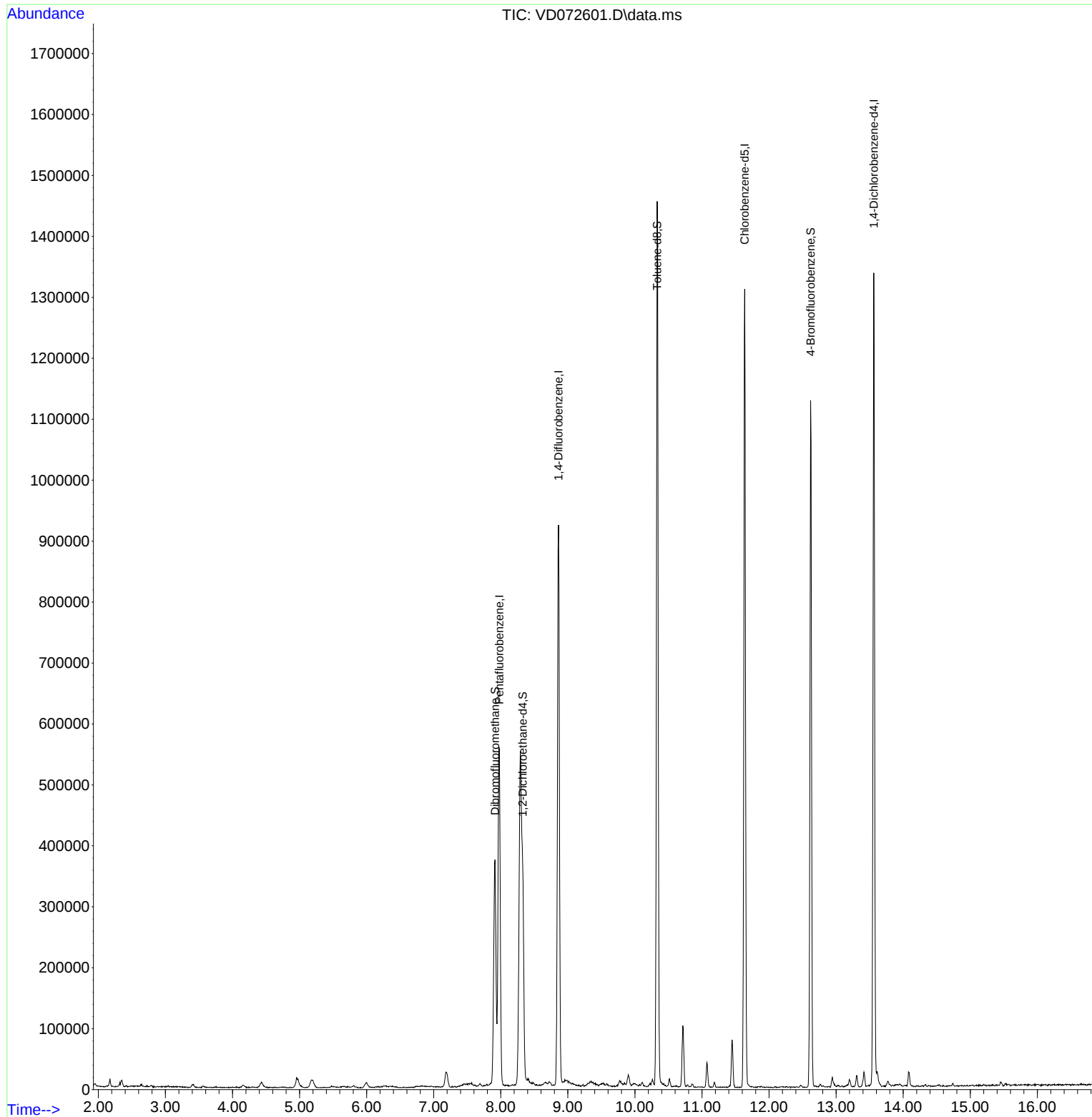
Target Compounds	Qvalue

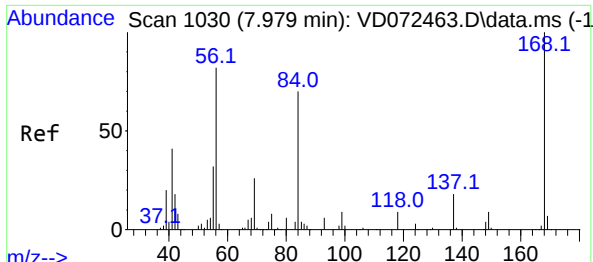
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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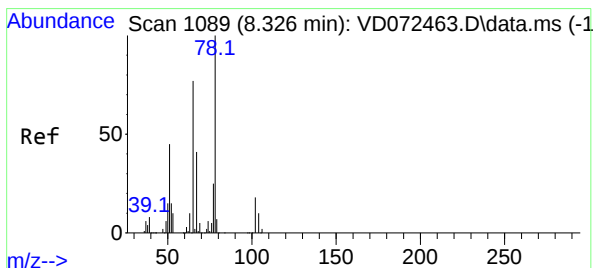
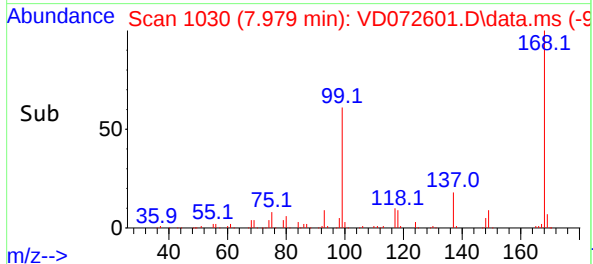
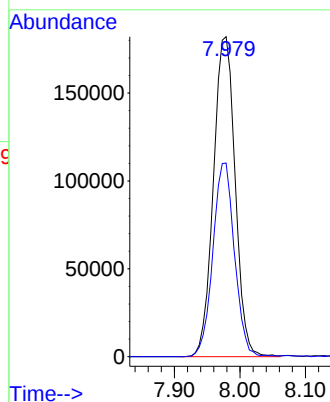
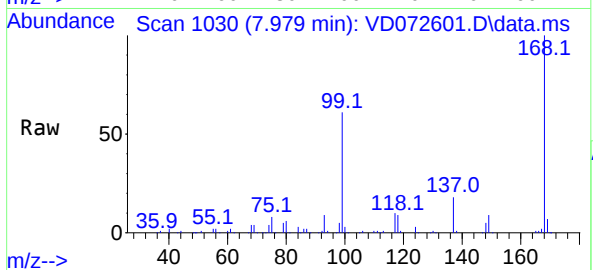




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

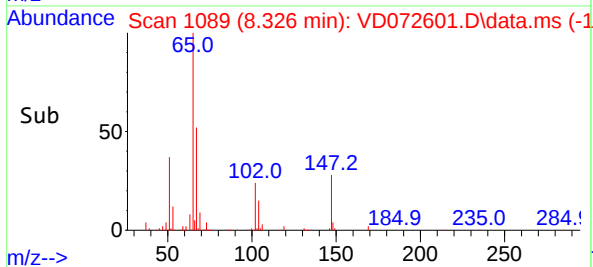
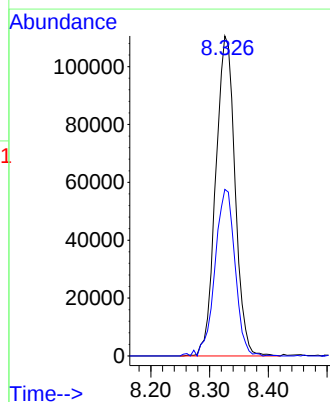
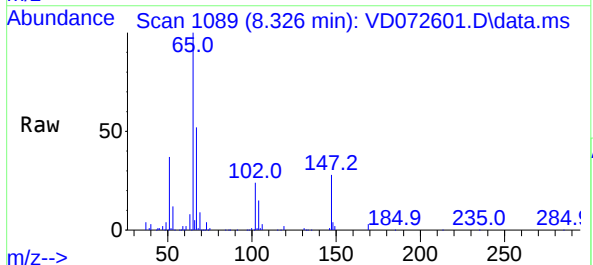
Instrument :
MSVOA_D
ClientSampleId :
SB-2

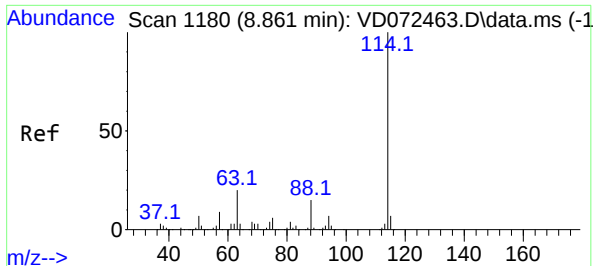
Tgt Ion:168 Resp: 418761
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.907 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

Tgt Ion: 65 Resp: 252816
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072601.D

Acq: 18 Apr 2022 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-2

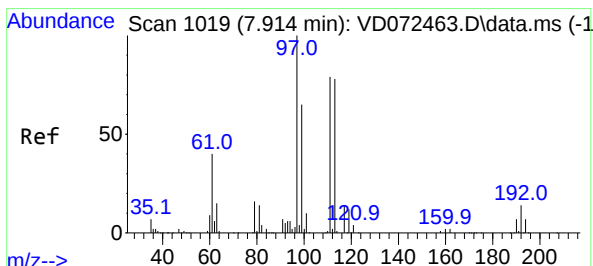
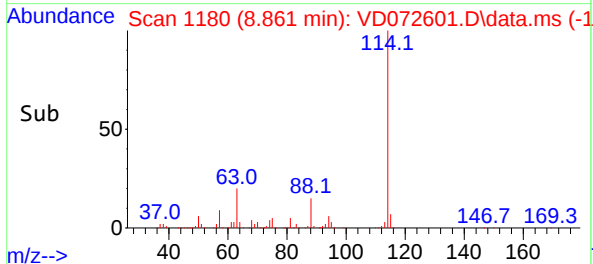
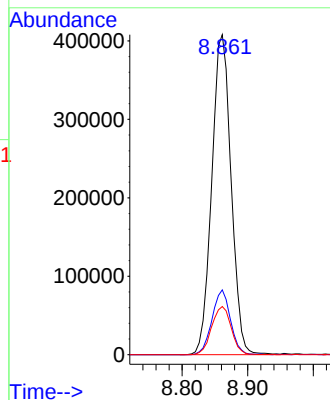
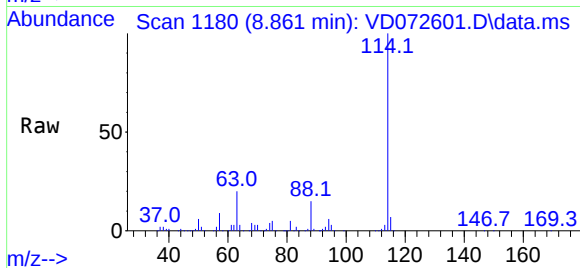
Tgt Ion:114 Resp: 834911

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.297 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072601.D

Acq: 18 Apr 2022 16:54

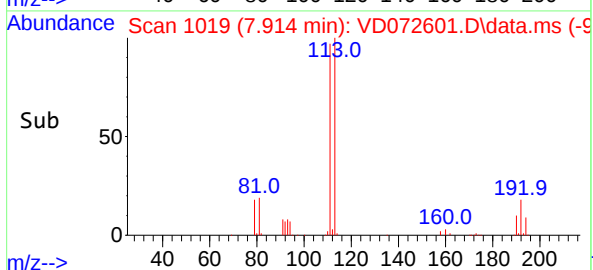
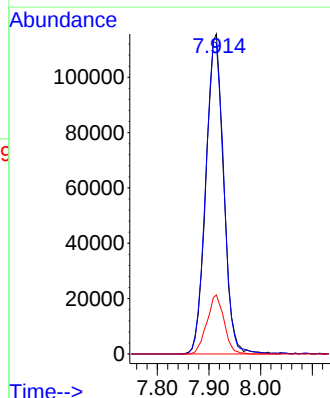
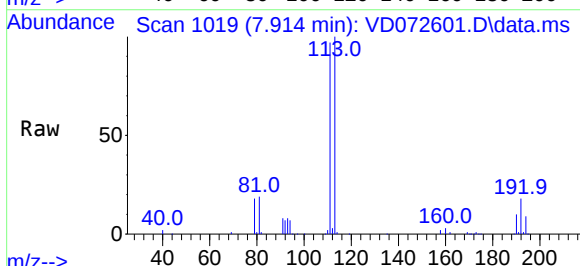
Tgt Ion:113 Resp: 274443

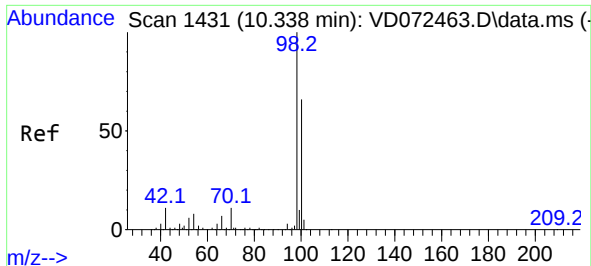
Ion Ratio Lower Upper

113 100

111 100.4 83.8 125.6

192 17.9 14.6 21.8

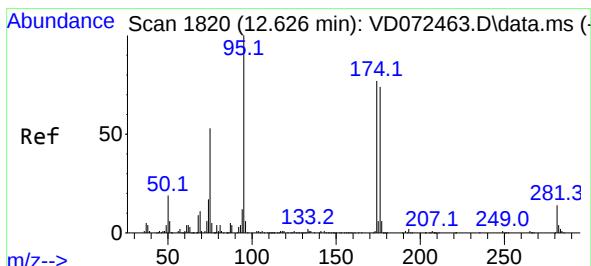
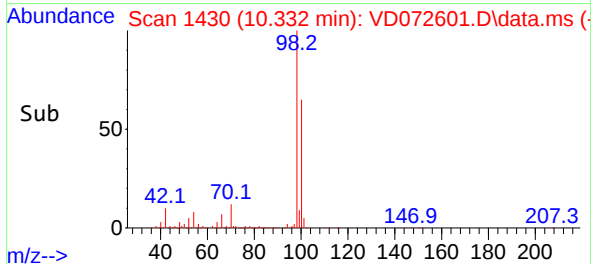
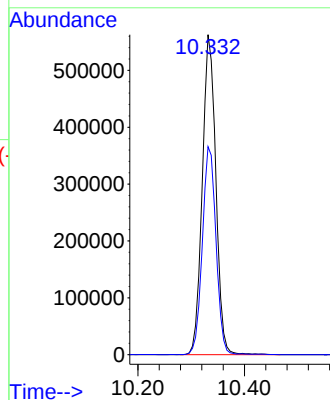
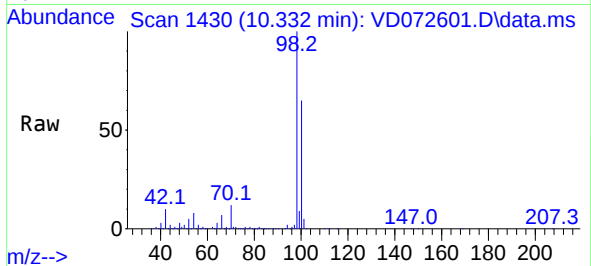




#50
Toluene-d8
Concen: 43.960 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

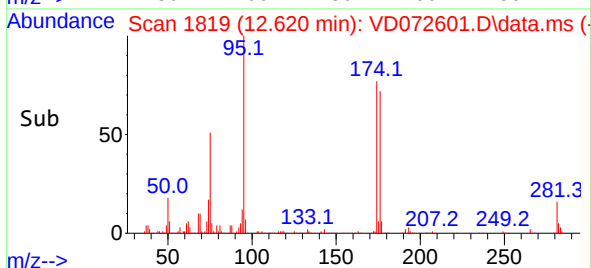
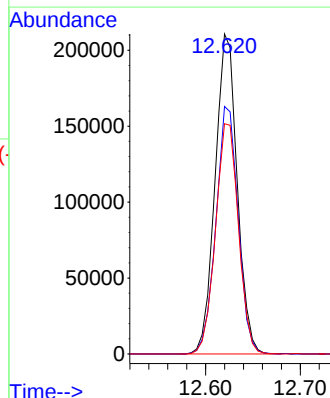
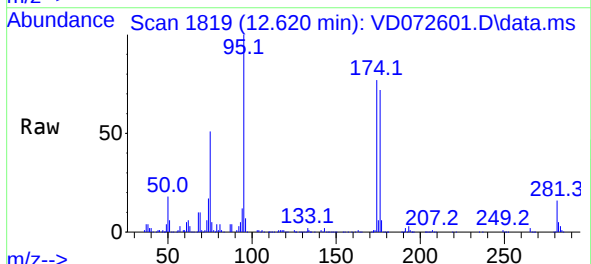
Instrument :
MSVOA_D
ClientSampleId :
SB-2

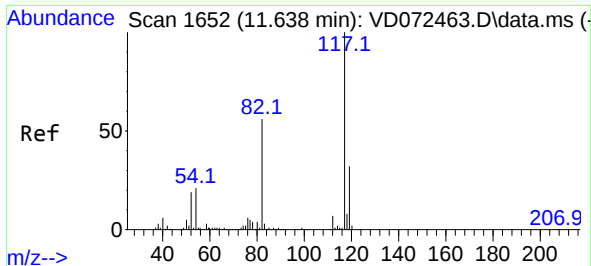
Tgt Ion: 98 Resp: 991484
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.705 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

Tgt Ion: 95 Resp: 340928
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.7 0.0 145.4

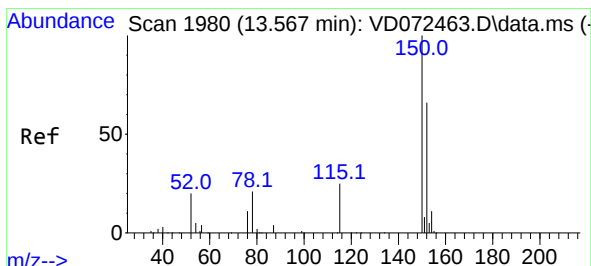
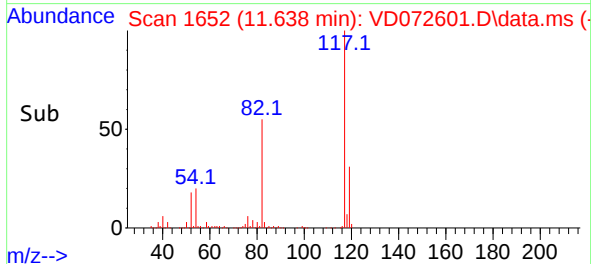
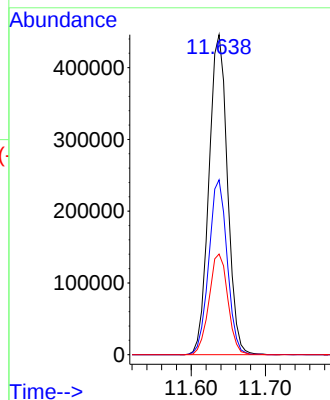
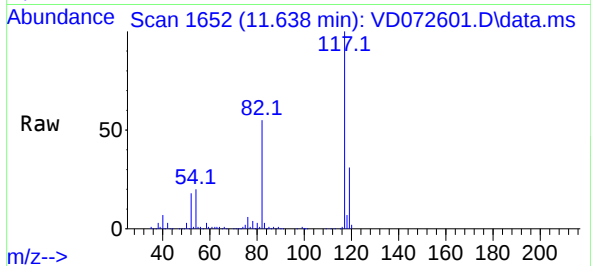




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:	117	Resp:	773938
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.3	67.9
119	31.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072601.D
Acq: 18 Apr 2022 16:54

Tgt Ion:	152	Resp:	352397
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	155.9	0.0	348.6

