

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072621.D
 Acq On : 19 Apr 2022 13:28
 Operator : VA/SY
 Sample : N2463-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041822RE

Quant Time: Apr 19 16:12:11 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	59260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	114191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	145300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	76560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63845	89.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.120%#
35) Dibromofluoromethane	7.908	113	50963	57.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.860%
50) Toluene-d8	10.332	98	149928	48.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.620	95	70117	58.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.400%

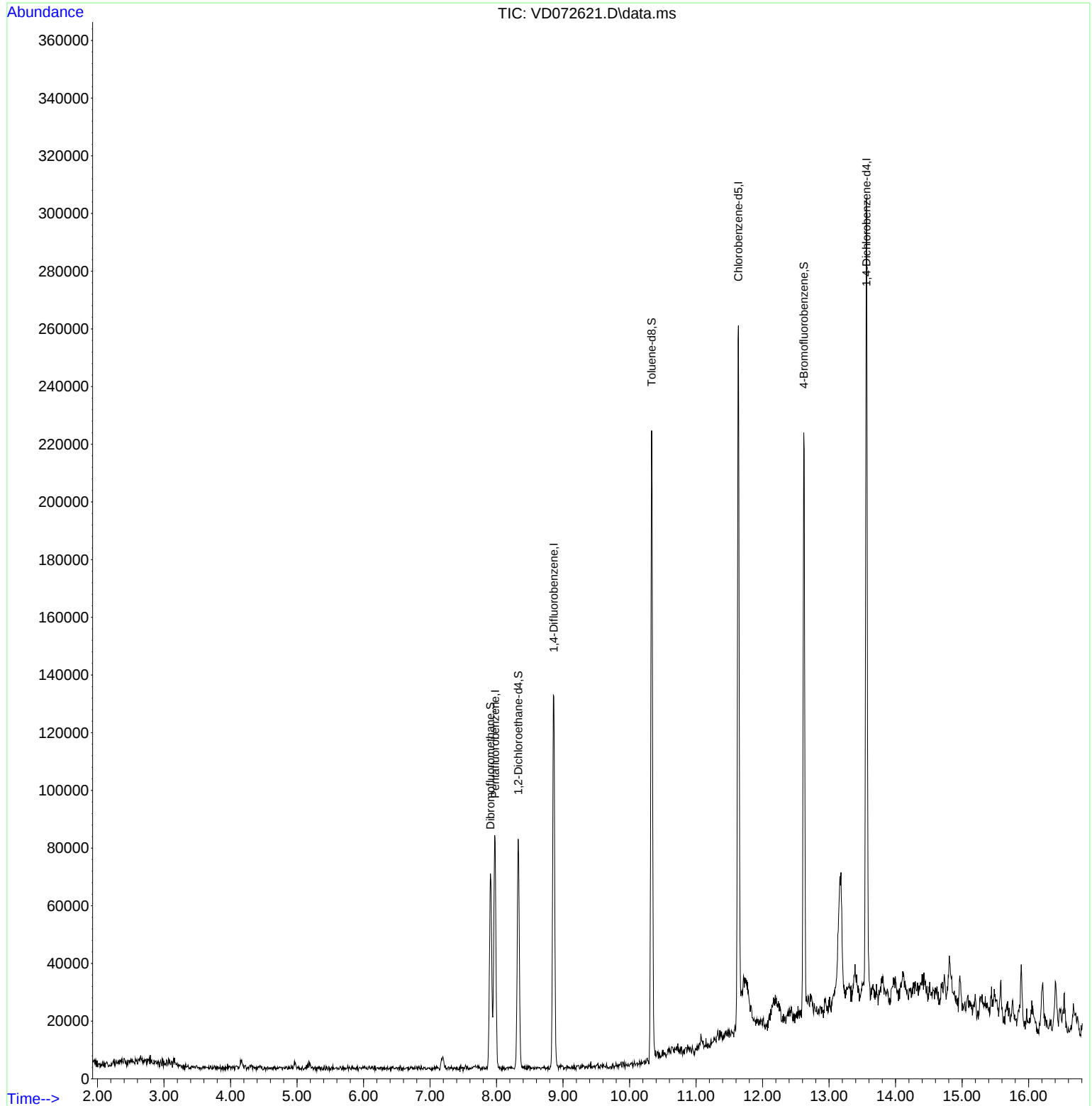
Target Compounds	Qvalue

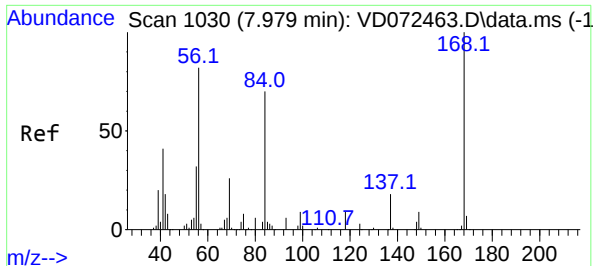
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072621.D

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MSVOA_D

ClientSampleId :

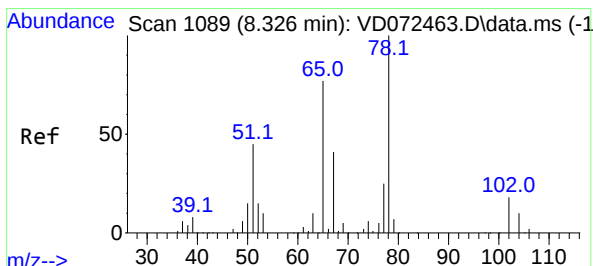
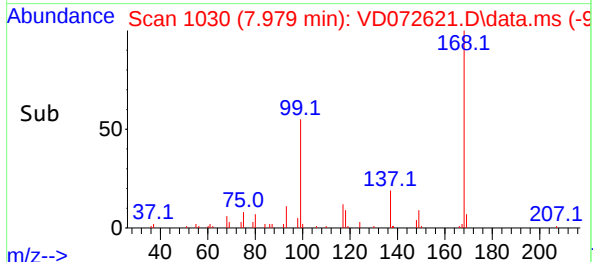
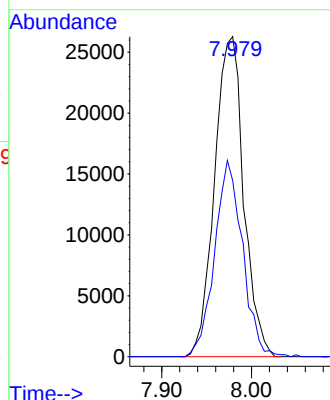
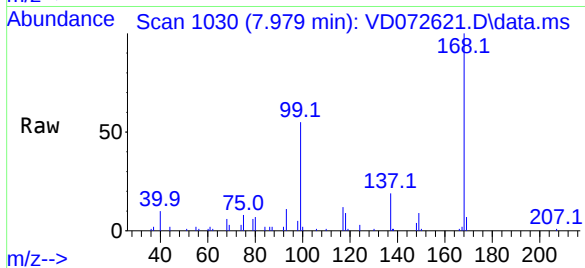
HD-01-041822RE

Tgt Ion:168 Resp: 59260

Ion Ratio Lower Upper

168 100

99 55.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 89.061 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072621.D

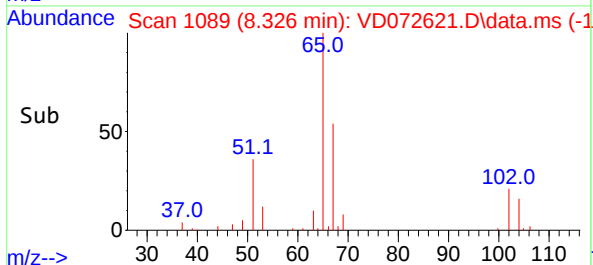
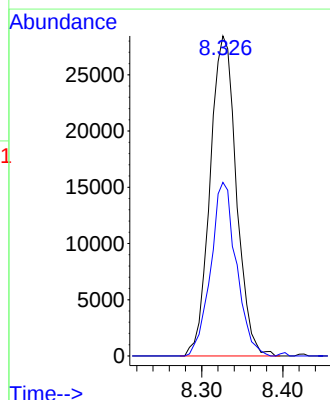
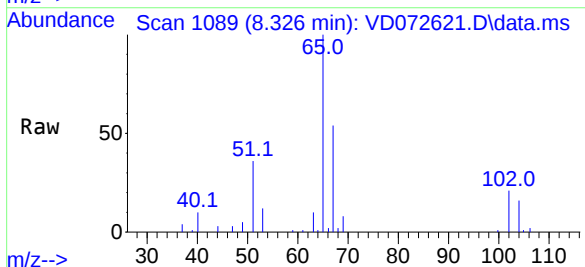
Acq: 19 Apr 2022 13:28

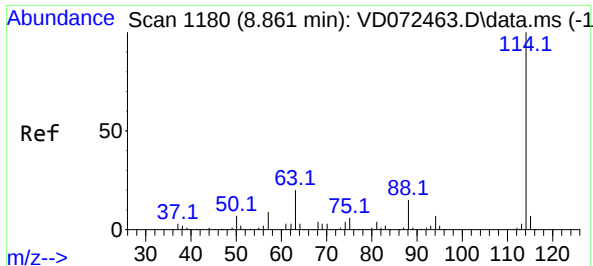
Tgt Ion: 65 Resp: 63845

Ion Ratio Lower Upper

65 100

67 53.0 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: VD072621.D

Acq: 19 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

HD-01-041822RE

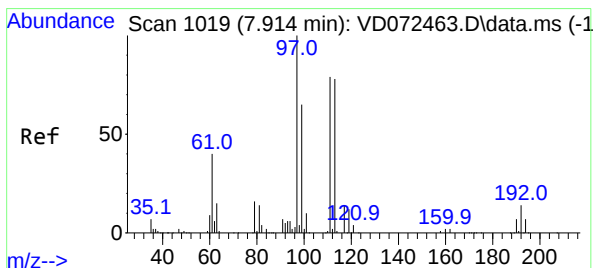
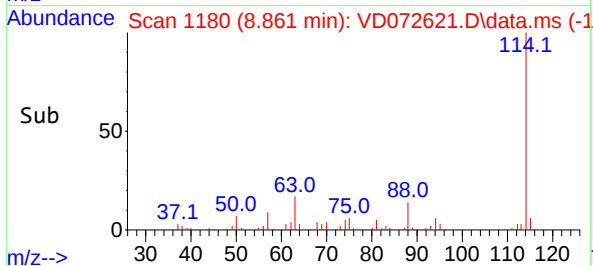
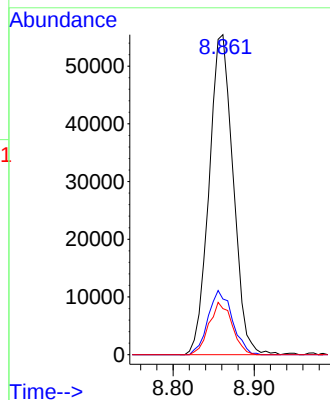
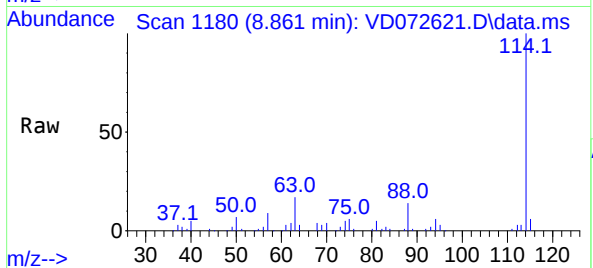
Tgt Ion:114 Resp: 114191

Ion Ratio Lower Upper

114 100

63 17.4 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 57.428 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072621.D

Acq: 19 Apr 2022 13:28

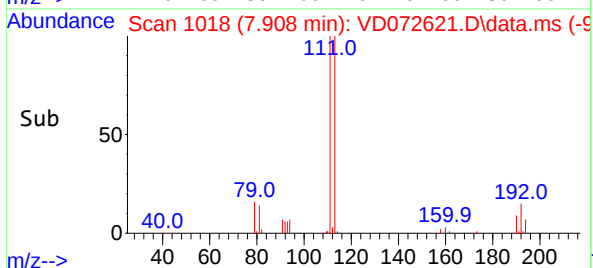
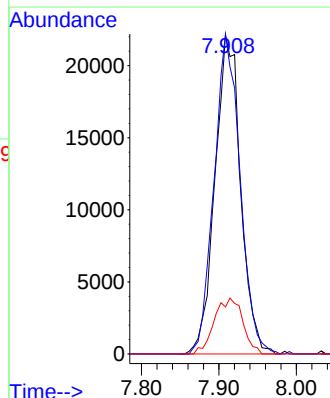
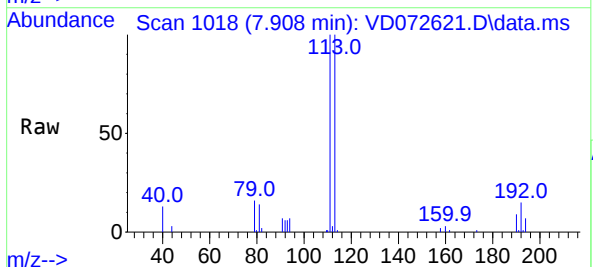
Tgt Ion:113 Resp: 50963

Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 19.4 14.6 21.8

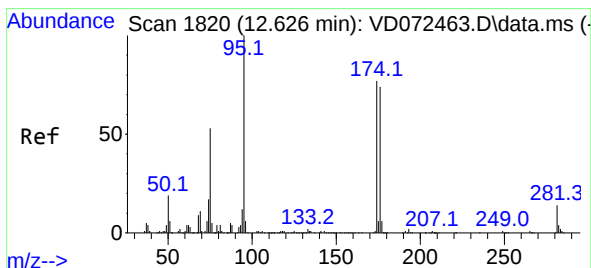
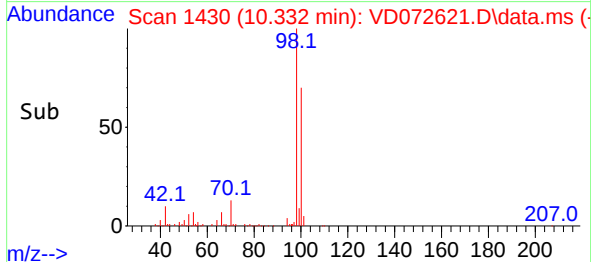
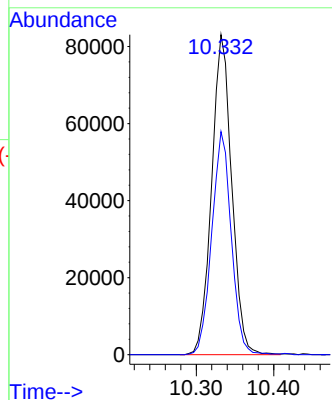
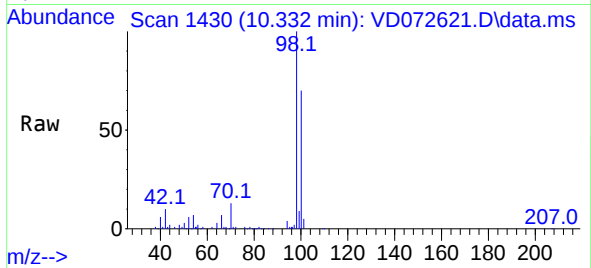




#50
Toluene-d8
Concen: 48.603 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072621.D
Acq: 19 Apr 2022 13:28

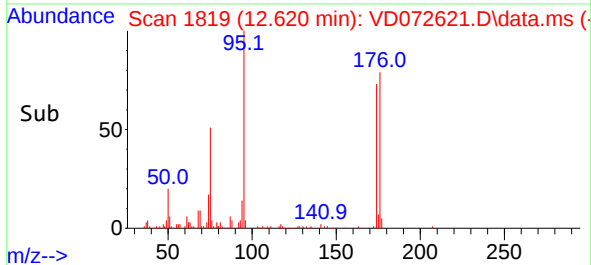
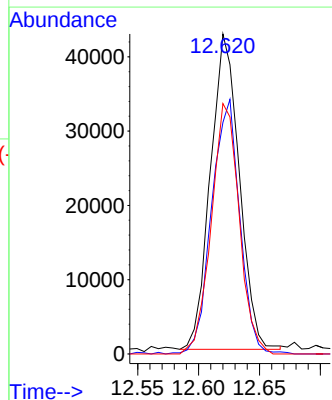
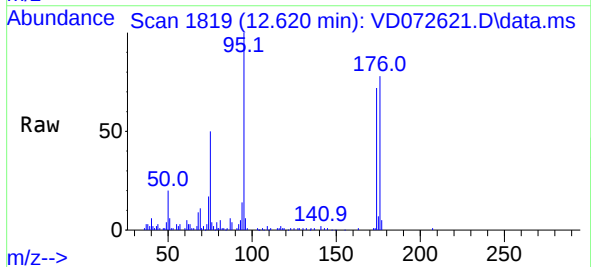
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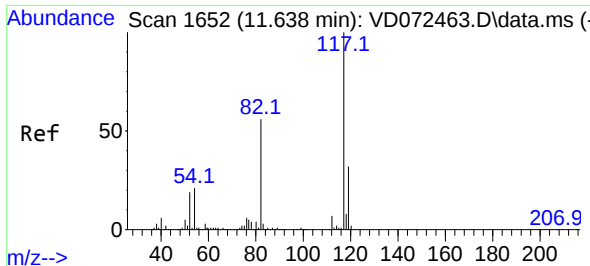
Tgt Ion: 98 Resp: 149928
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.202 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072621.D
Acq: 19 Apr 2022 13:28

Tgt Ion: 95 Resp: 70117
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 76.7 0.0 145.4

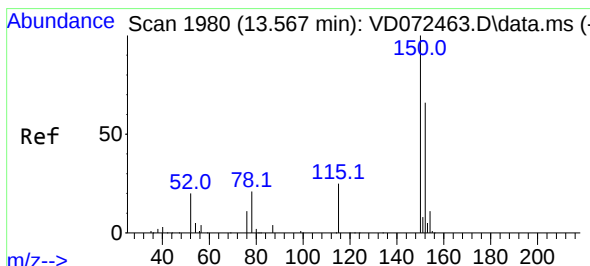
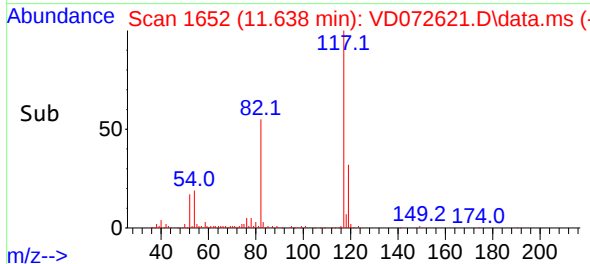
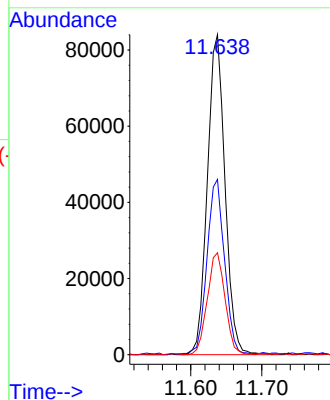
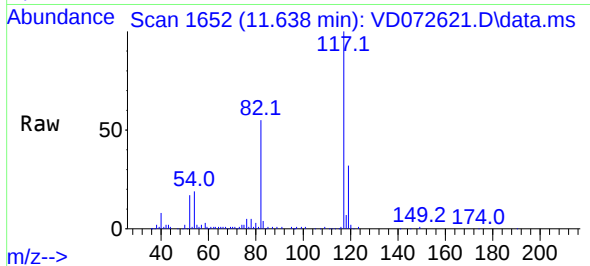




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072621.D
Acq: 19 Apr 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
HD-01-041822RE

Tgt Ion:	117	Resp:	145300
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	31.6	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: VD072621.D
Acq: 19 Apr 2022 13:28

Tgt Ion:	152	Resp:	76560
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	150.6	0.0	348.6

