

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072491.D
 Acq On : 31 Mar 2022 15:48
 Operator : VA/SY
 Sample : N2150-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 337

Quant Time: Apr 01 02:50:40 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	125905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	222791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	261861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	133374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87811	57.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.909	113	84624	48.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.338	98	279211	46.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.626	95	120245	51.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.320%

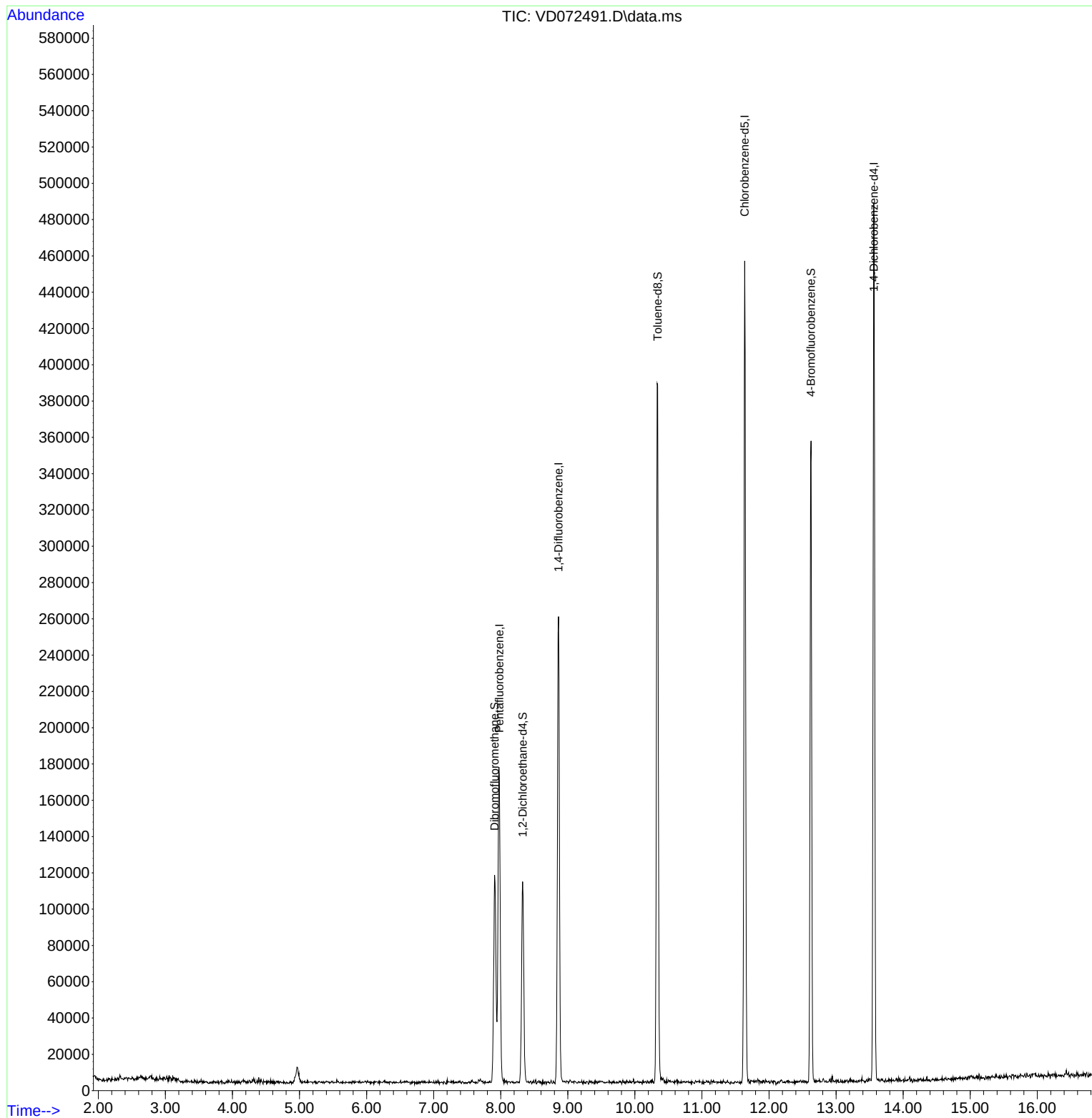
Target Compounds	Qvalue

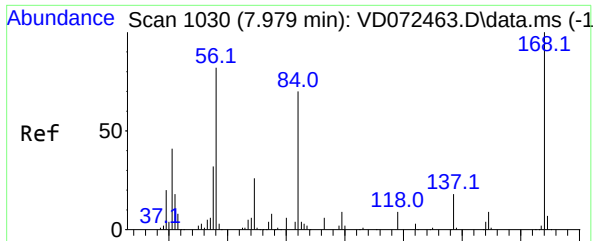
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072491.D

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MSVOA_D

ClientSampleId :

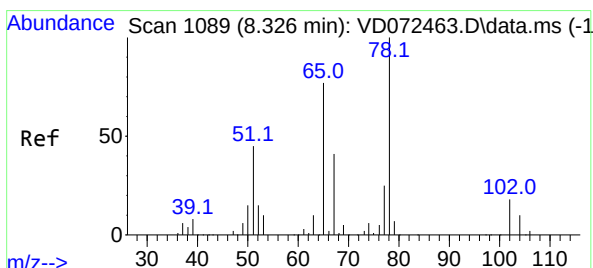
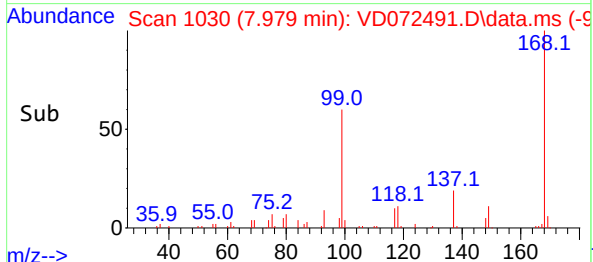
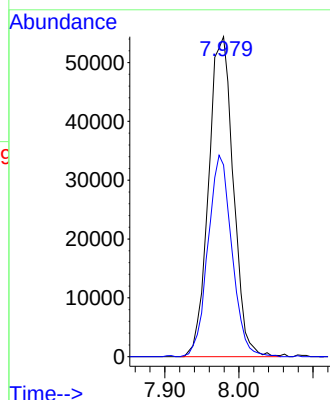
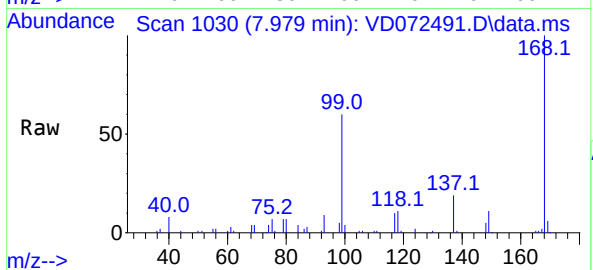
337

Tgt Ion:168 Resp: 125905

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 57.654 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072491.D

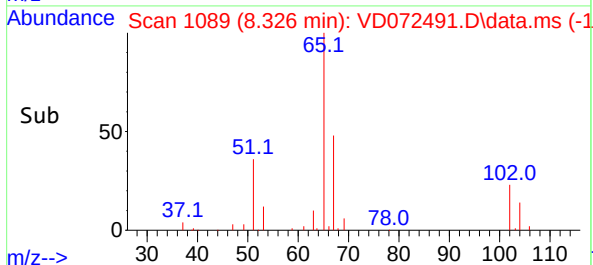
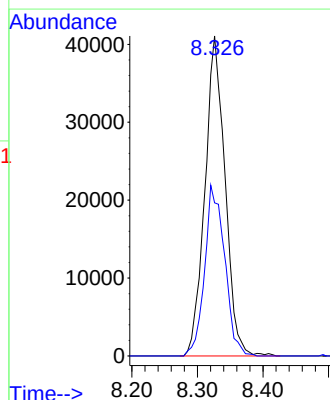
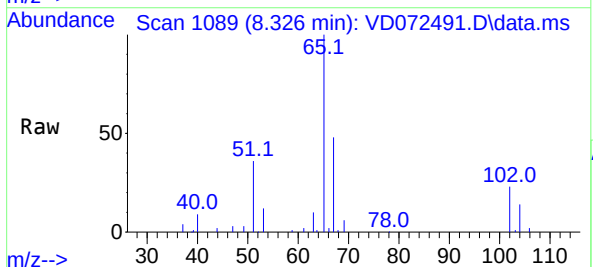
Acq: 31 Mar 2022 15:48

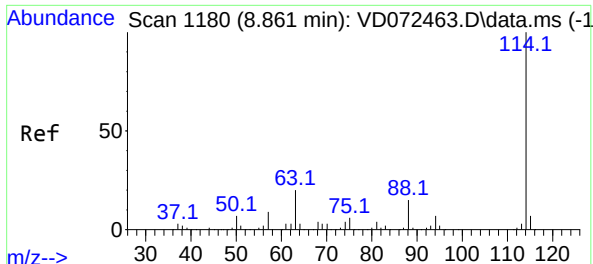
Tgt Ion: 65 Resp: 87811

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4

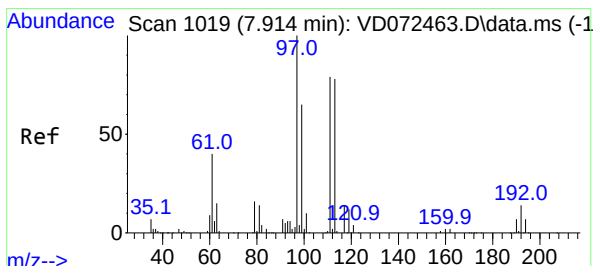
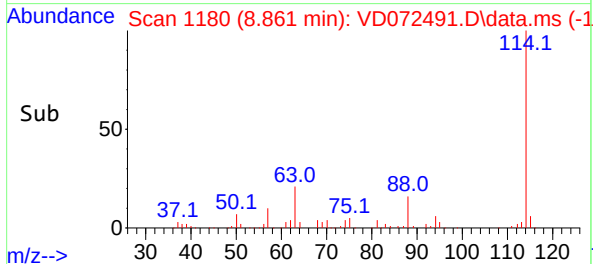
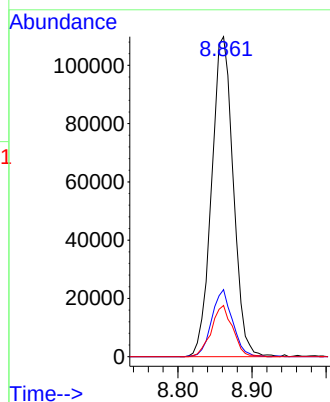
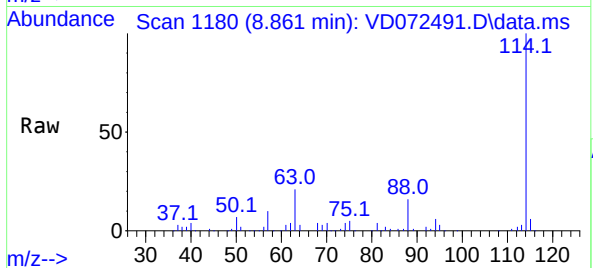




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072491.D
Acq: 31 Mar 2022 15:48

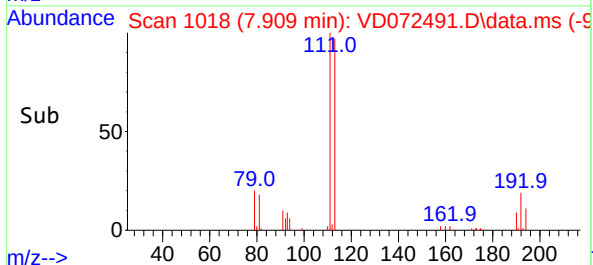
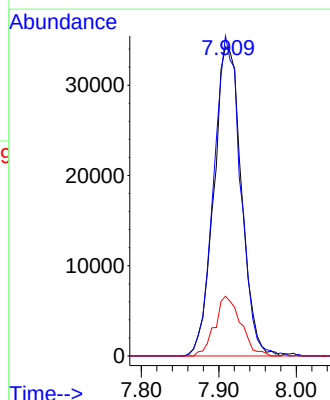
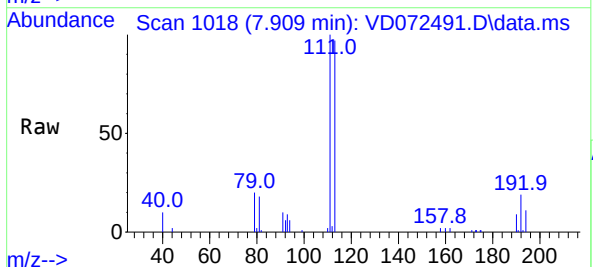
Instrument :
MSVOA_D
ClientSampleId :
337

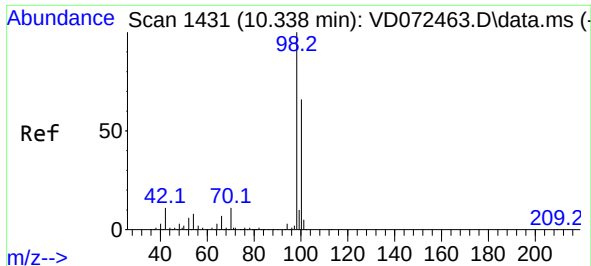
Tgt Ion:114 Resp: 222791
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072491.D
Acq: 31 Mar 2022 15:48

Tgt Ion:113 Resp: 84624
Ion Ratio Lower Upper
113 100
111 100.8 83.8 125.6
192 18.2 14.6 21.8

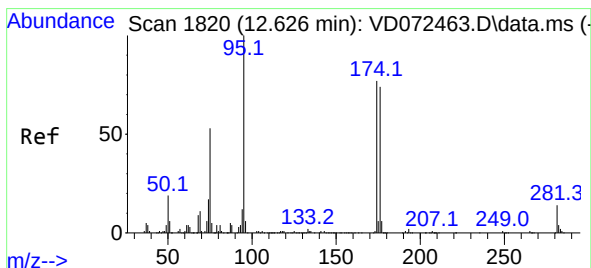
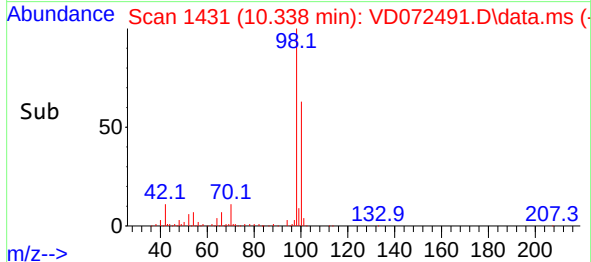
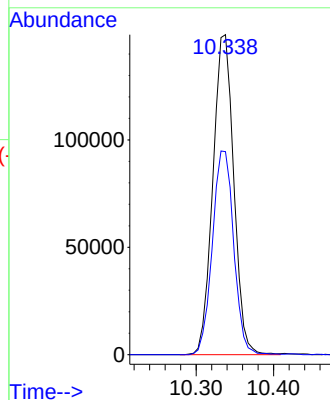
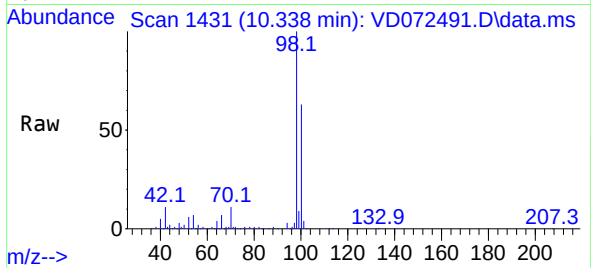




#50
Toluene-d8
Concen: 46.393 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072491.D
Acq: 31 Mar 2022 15:48

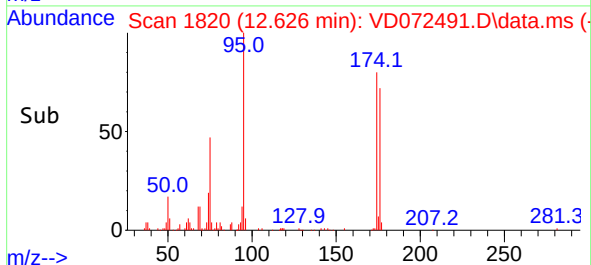
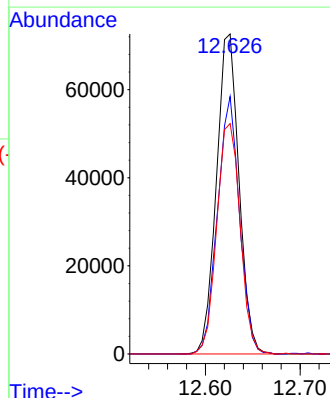
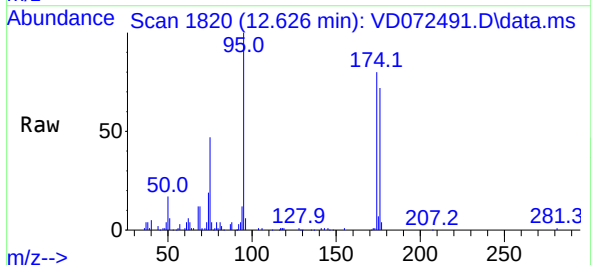
Instrument :
MSVOA_D
ClientSampleId :
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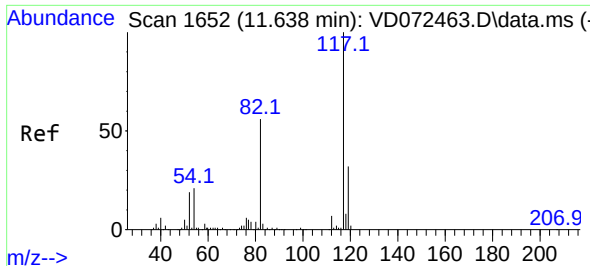
Tgt Ion: 98 Resp: 279211
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.158 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072491.D
Acq: 31 Mar 2022 15:48

Tgt Ion: 95 Resp: 120245
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.6 0.0 145.4

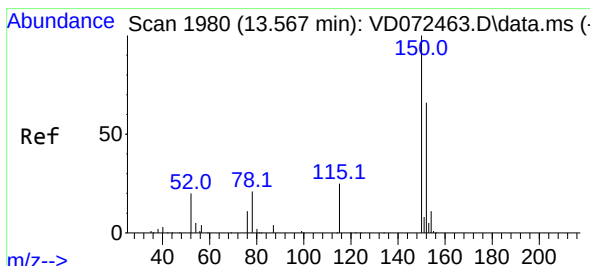
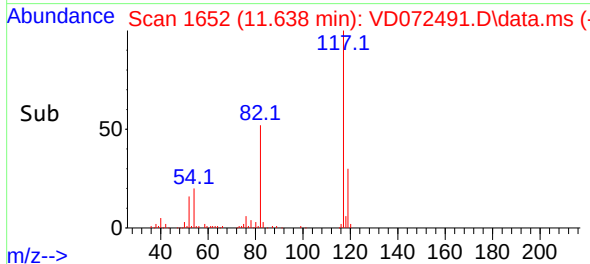
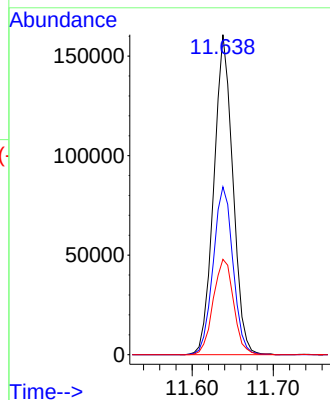
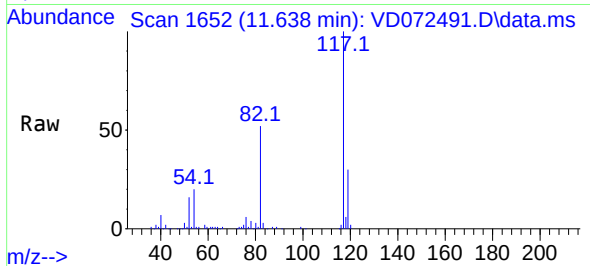




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072491.D
Acq: 31 Mar 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :
337

Tgt	Ion:117	Resp:	261861
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	29.8	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: VD072491.D
Acq: 31 Mar 2022 15:48

Tgt Ion:152	Resp:	133374	
Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.3	93.8
150	153.7	0.0	348.6

