

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072268.D
 Acq On : 18 Mar 2022 03:53
 Operator : VA/SY
 Sample : N1953-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR-200033

Quant Time: Mar 18 05:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	252385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	484544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152879	54.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.700%	
35) Dibromofluoromethane	7.909	113	148917	49.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.480%	
50) Toluene-d8	10.332	98	545766	49.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.620	95	229003	53.296	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.600%	

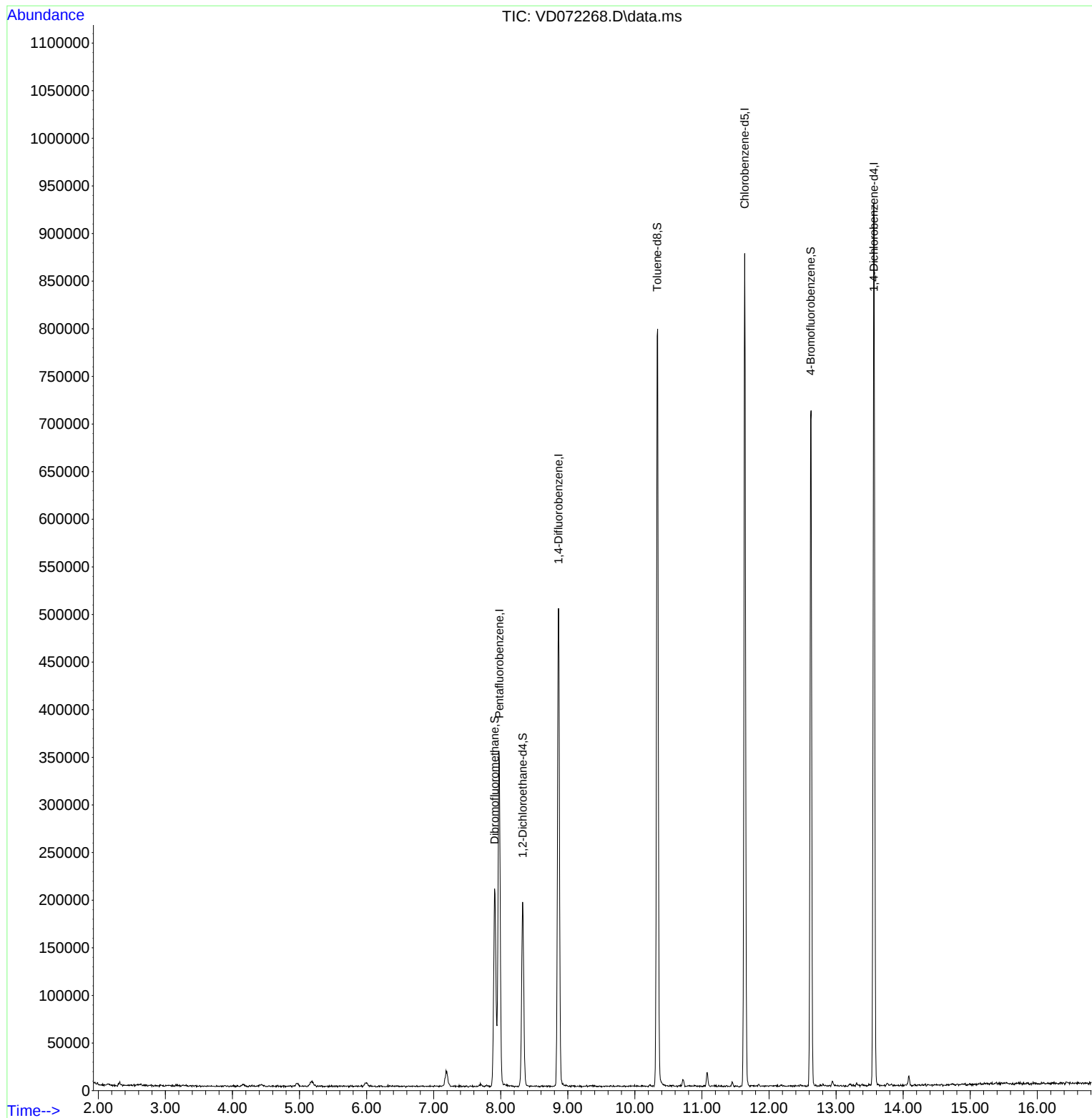
Target Compounds	Qvalue

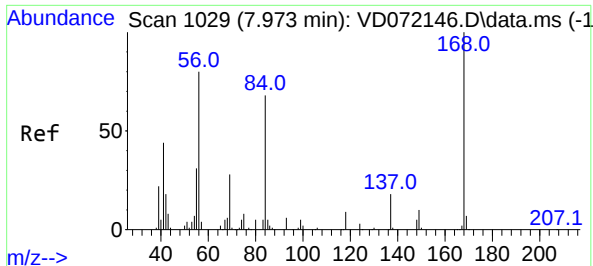
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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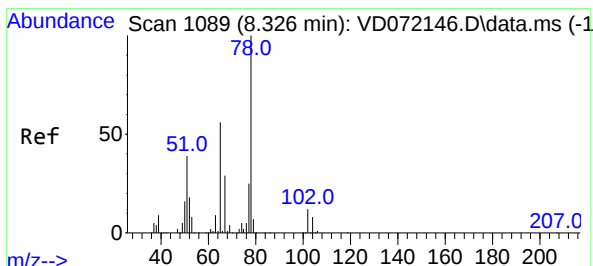
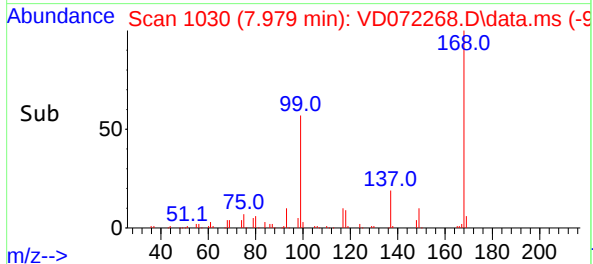
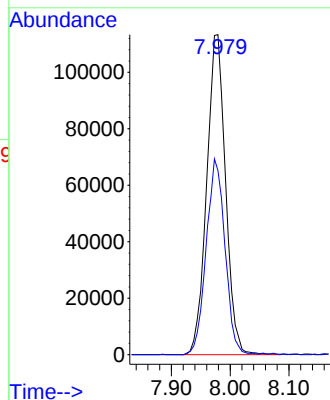
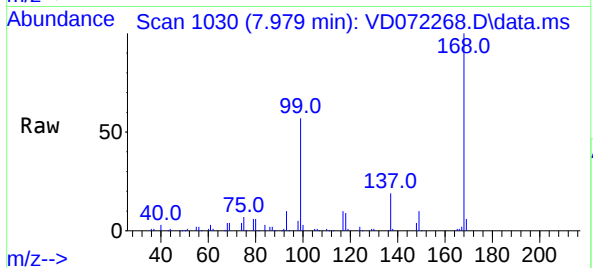




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072268.D
Acq: 18 Mar 2022 03:53

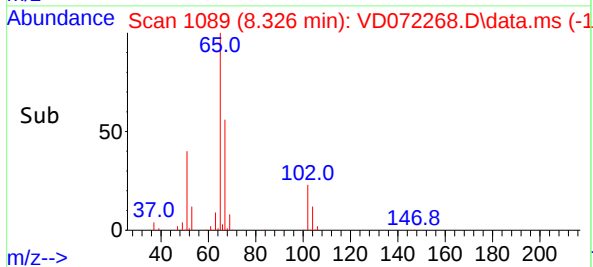
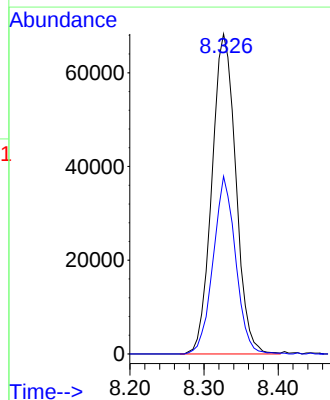
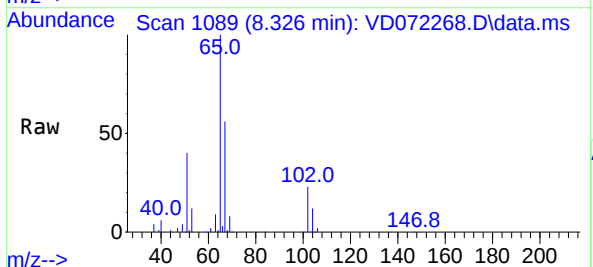
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200033

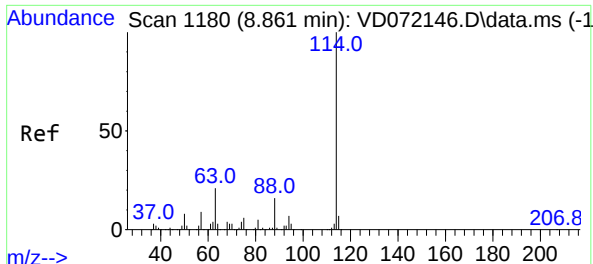
Tgt Ion:168 Resp: 252385
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.353 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072268.D
Acq: 18 Mar 2022 03:53

Tgt Ion: 65 Resp: 152879
Ion Ratio Lower Upper
65 100
67 52.1 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: VD072268.D

Acq: 18 Mar 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :

RO-RBR-200033

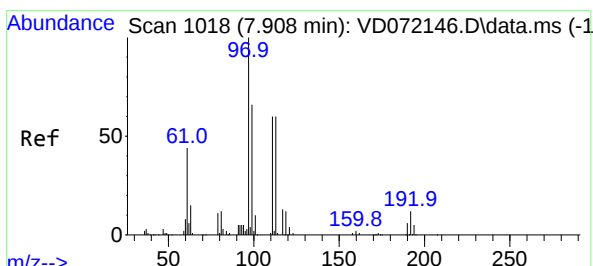
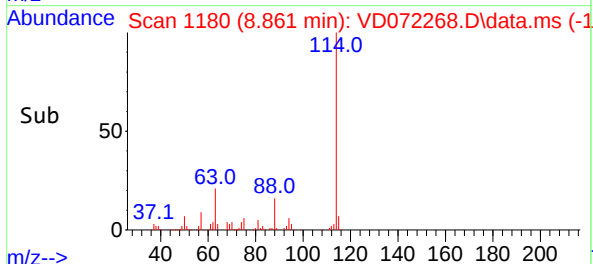
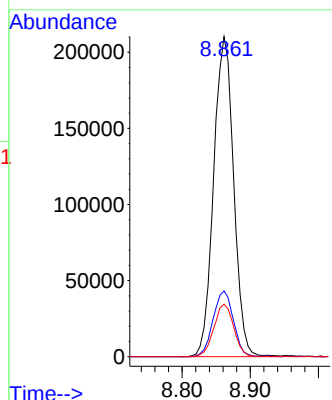
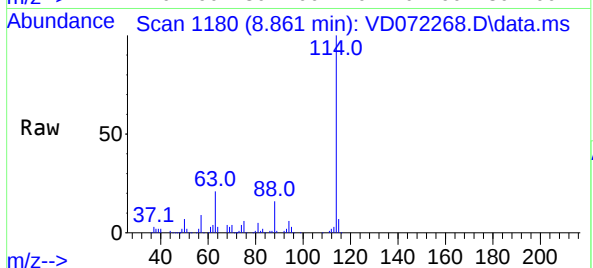
Tgt Ion:114 Resp: 429770

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.240 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072268.D

Acq: 18 Mar 2022 03:53

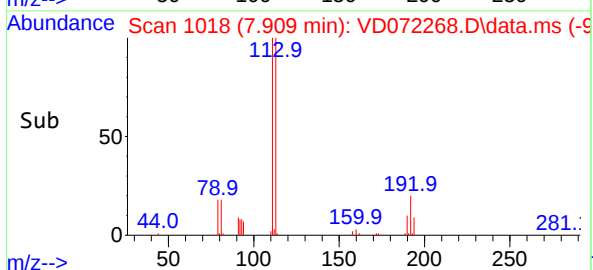
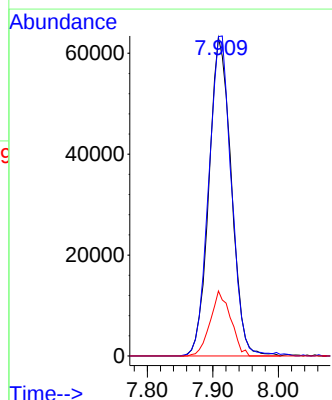
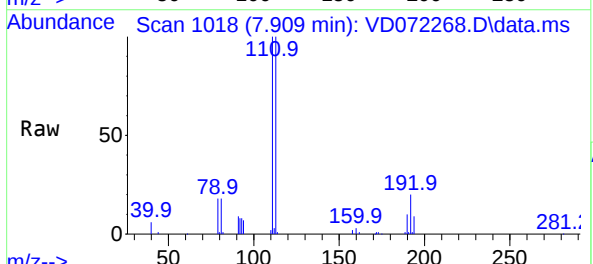
Tgt Ion:113 Resp: 148917

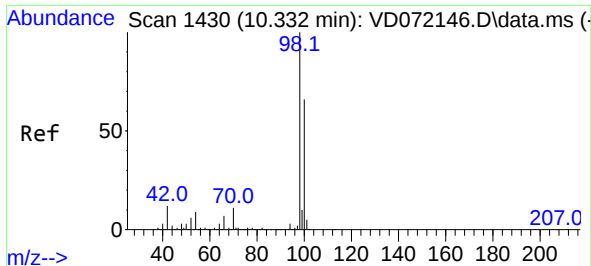
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.8 14.6 21.8

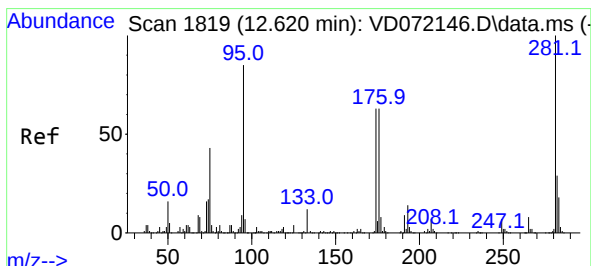
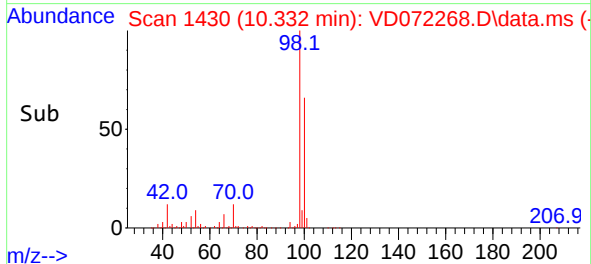
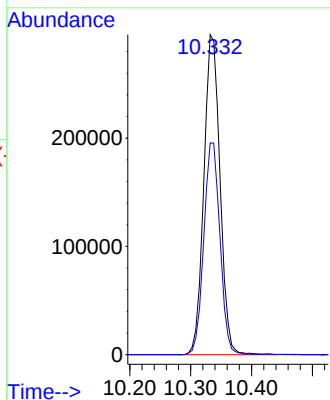
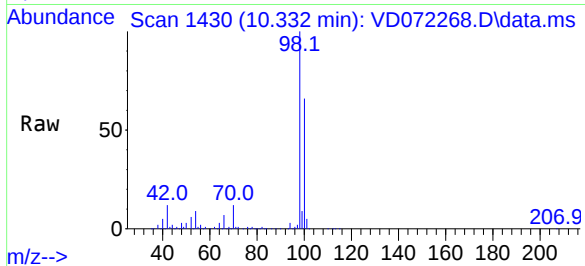




#50
Toluene-d8
Concen: 49.353 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072268.D
Acq: 18 Mar 2022 03:53

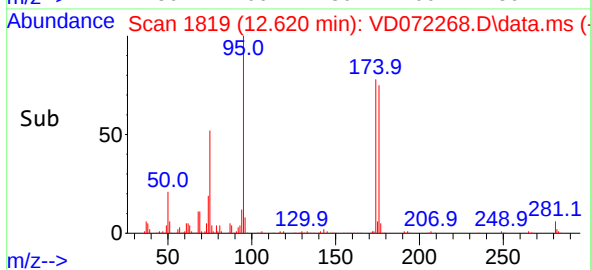
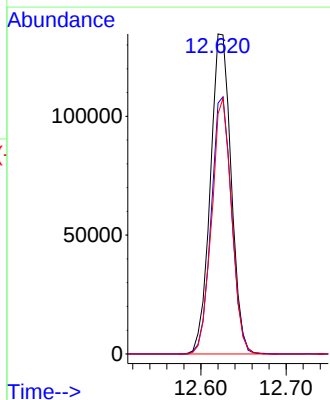
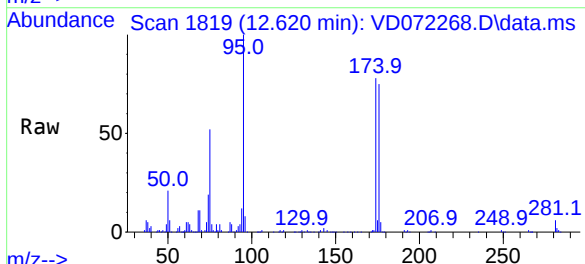
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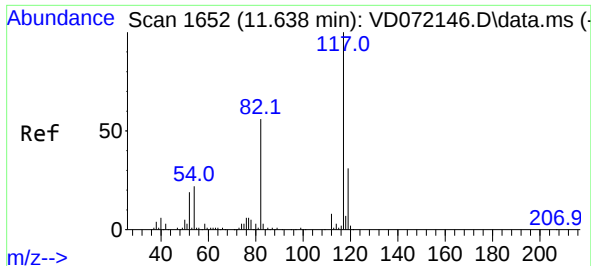
Tgt Ion: 98 Resp: 545766
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.296 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072268.D
Acq: 18 Mar 2022 03:53

Tgt Ion: 95 Resp: 229003
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 76.1 0.0 145.4

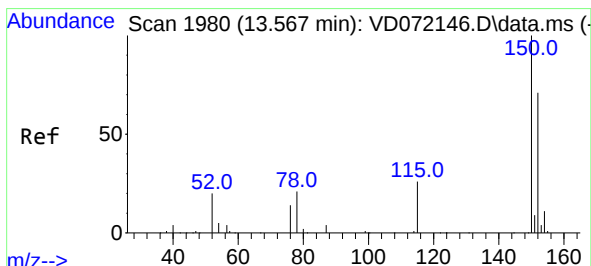
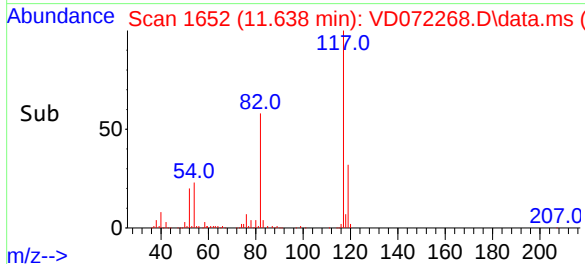
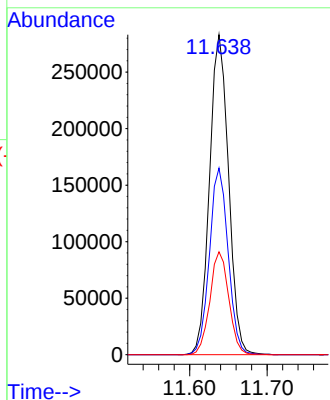
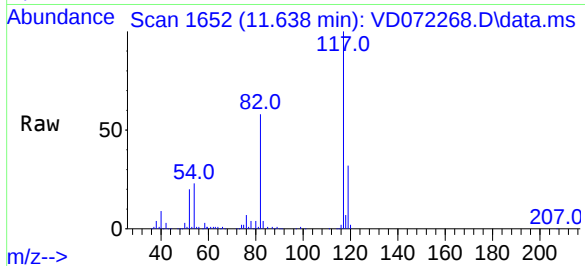




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072268.D
Acq: 18 Mar 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200033

Tgt Ion:117 Resp: 484544
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.1 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: VD072268.D
Acq: 18 Mar 2022 03:53

Tgt Ion:152 Resp: 237729
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 160.3 0.0 348.6

