

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072232.D
 Acq On : 16 Mar 2022 21:48
 Operator : VA/SY
 Sample : N1894-04
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4(0-7)

Quant Time: Mar 17 02:29:44 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	7.973	168	443446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	788786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	395776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224687	45.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.914	113	228428	44.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.640%
50) Toluene-d8	10.332	98	913998	48.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.626	95	388310	53.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.040%

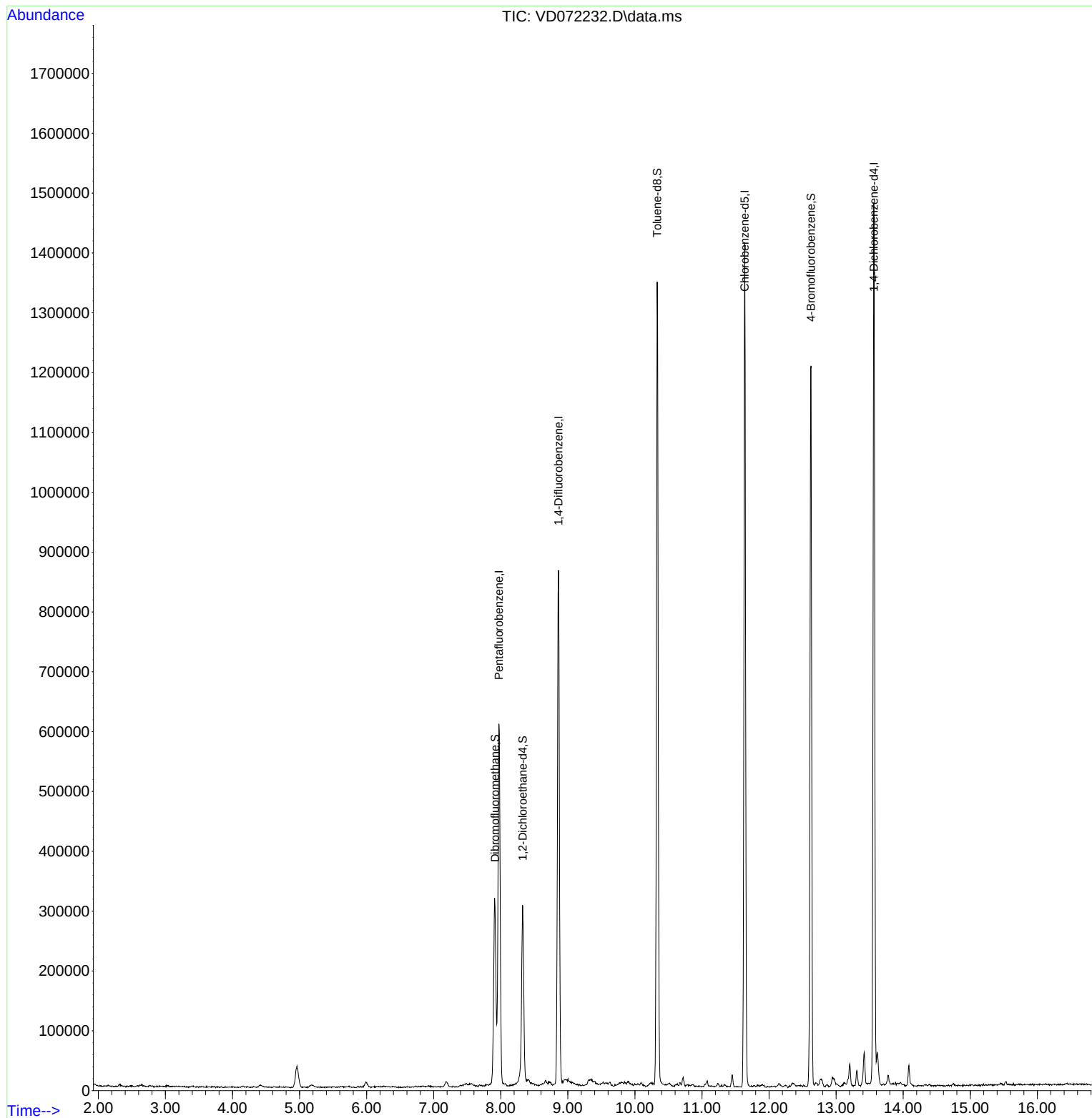
Target Compounds	Qvalue

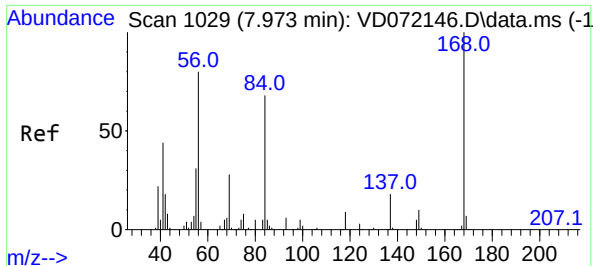
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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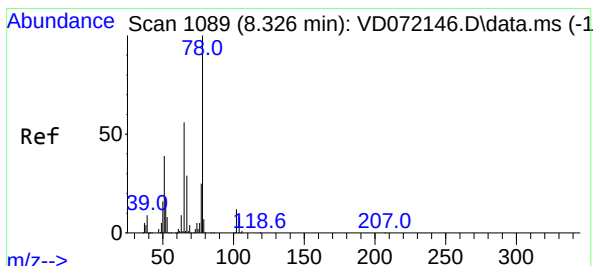
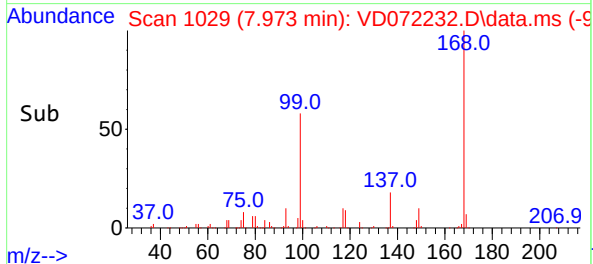
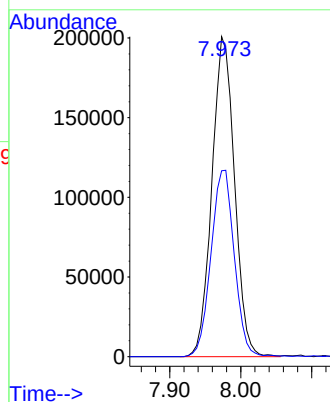
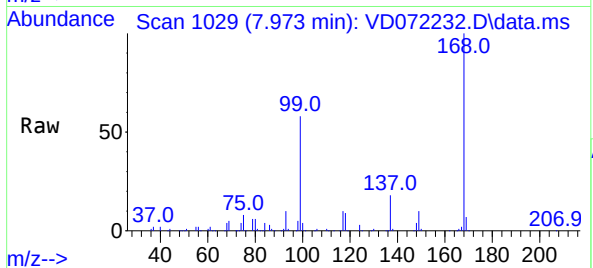




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072232.D
Acq: 16 Mar 2022 21:48

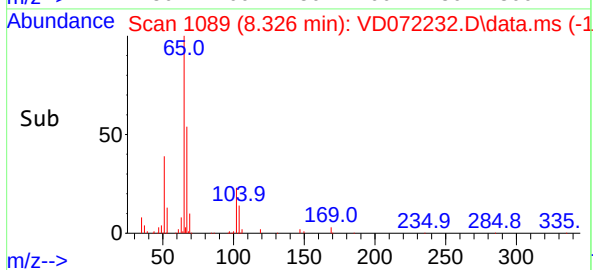
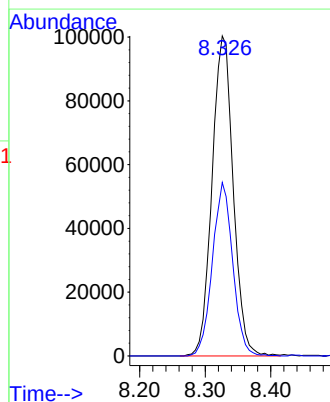
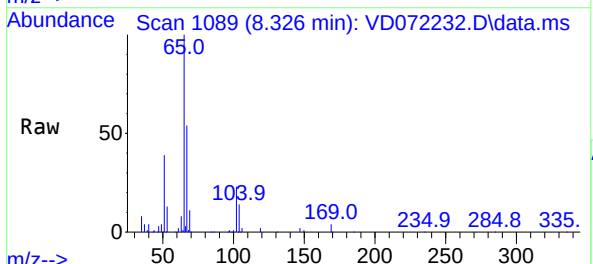
Instrument :
MSVOA_D
ClientSampleId :
TP4(0-7)

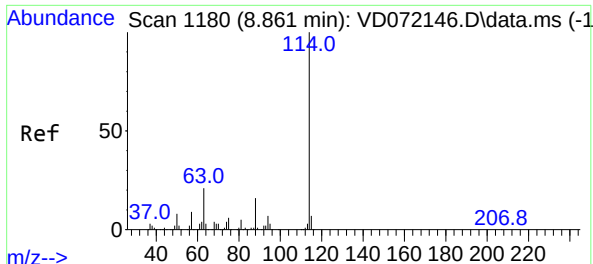
Tgt Ion:168 Resp: 443446
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.465 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072232.D
Acq: 16 Mar 2022 21:48

Tgt Ion: 65 Resp: 224687
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: VD072232.D

Acq: 16 Mar 2022 21:48

Instrument :

MSVOA_D

ClientSampleId :

TP4(0-7)

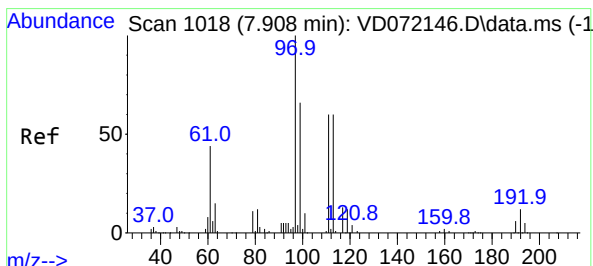
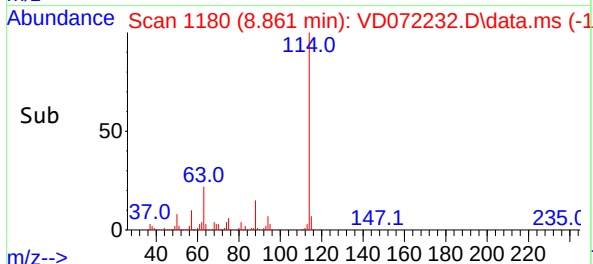
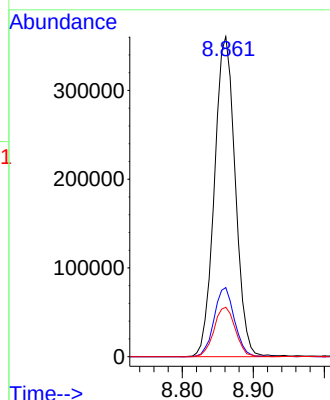
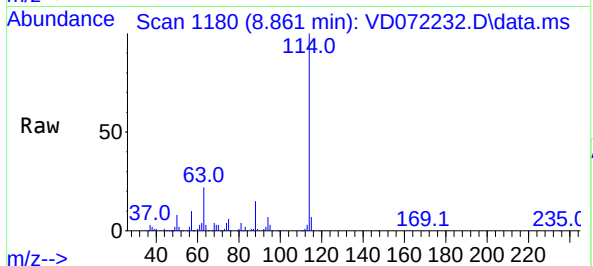
Tgt Ion:114 Resp: 732491

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.315 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072232.D

Acq: 16 Mar 2022 21:48

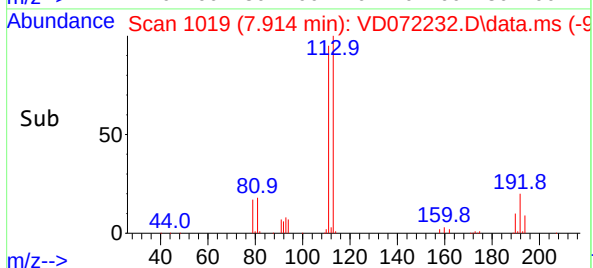
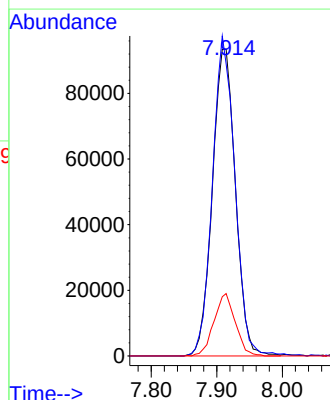
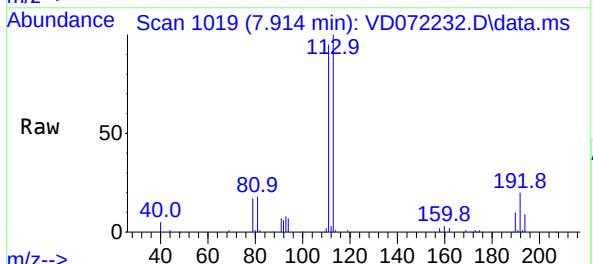
Tgt Ion:113 Resp: 228428

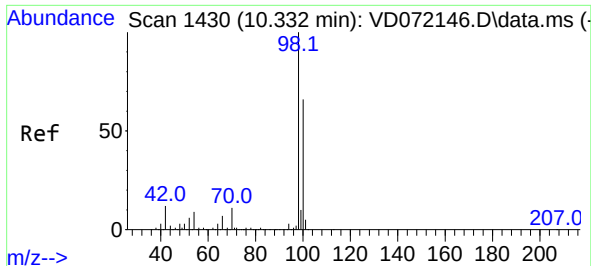
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.8 14.6 21.8

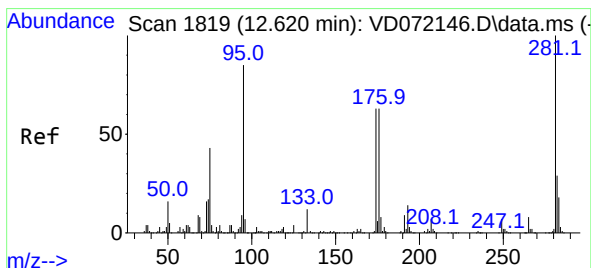
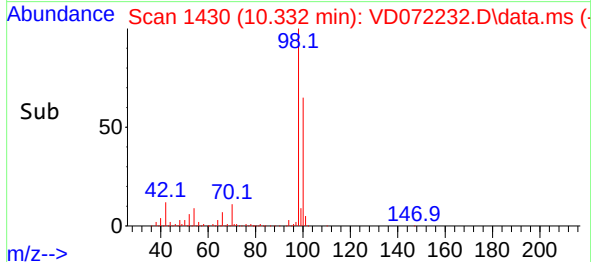
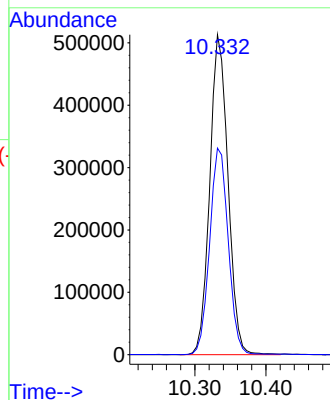
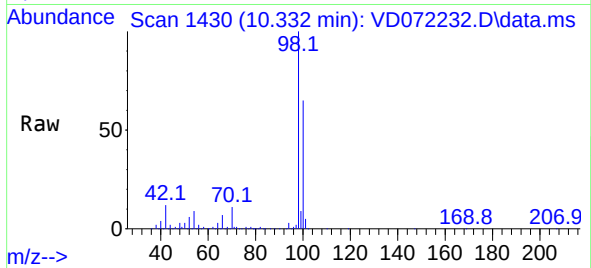




#50
Toluene-d8
Concen: 48.494 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072232.D
Acq: 16 Mar 2022 21:48

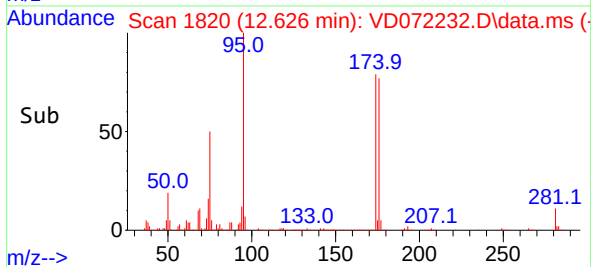
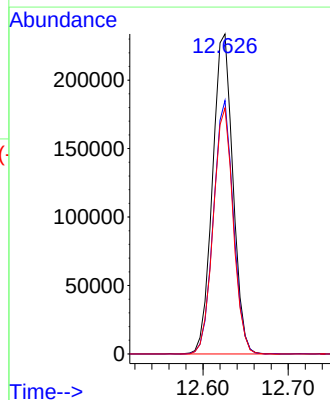
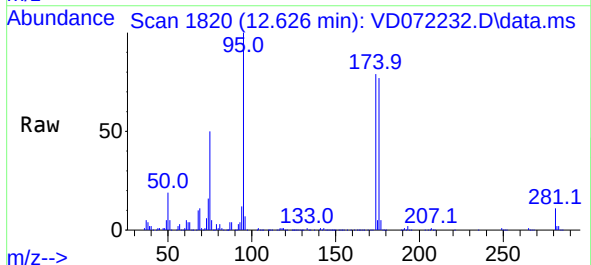
Instrument :
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TP4(0-7)

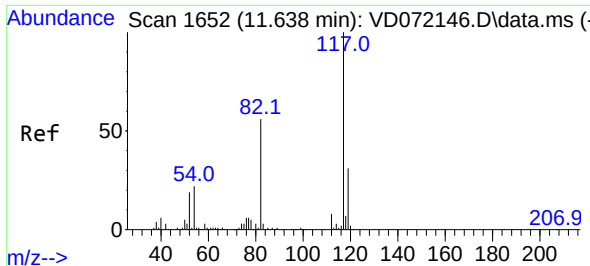
Tgt Ion: 98 Resp: 913998
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.023 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072232.D
Acq: 16 Mar 2022 21:48

Tgt Ion: 95 Resp: 388310
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.9 0.0 145.4

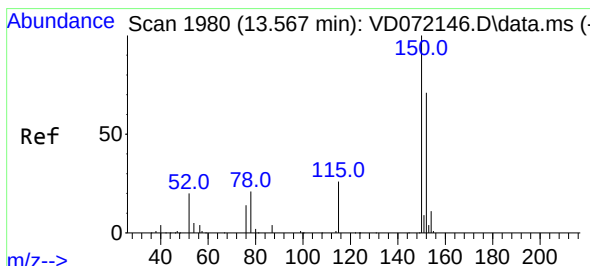
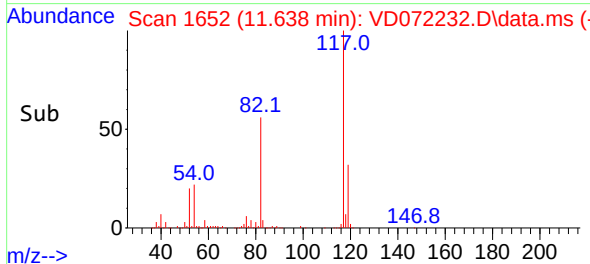
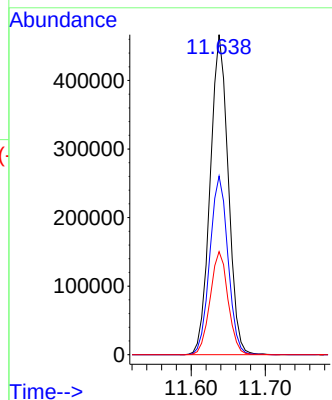
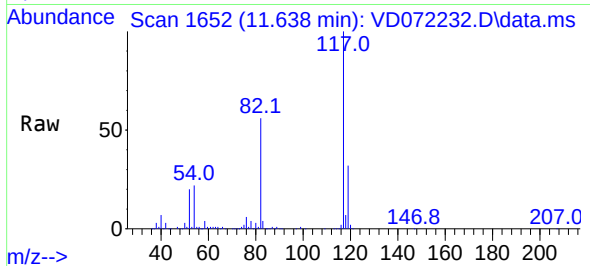




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072232.D
Acq: 16 Mar 2022 21:48

Instrument :
MSVOA_D
ClientSampleId :
TP4(0-7)

Tgt Ion:117 Resp: 788786
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.2 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: VD072232.D
Acq: 16 Mar 2022 21:48

Tgt Ion:152 Resp: 395776
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.7 0.0 348.6

