

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072377.D
 Acq On : 23 Mar 2022 10:58
 Operator : VA/SY
 Sample : VD0323SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0323SBL01

Quant Time: Mar 24 00:50:50 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	413292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	699043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	761850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	383604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197244	42.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.640%
35) Dibromofluoromethane	7.914	113	212381	43.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.340%
50) Toluene-d8	10.332	98	859956	47.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.620	95	374377	53.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.140%

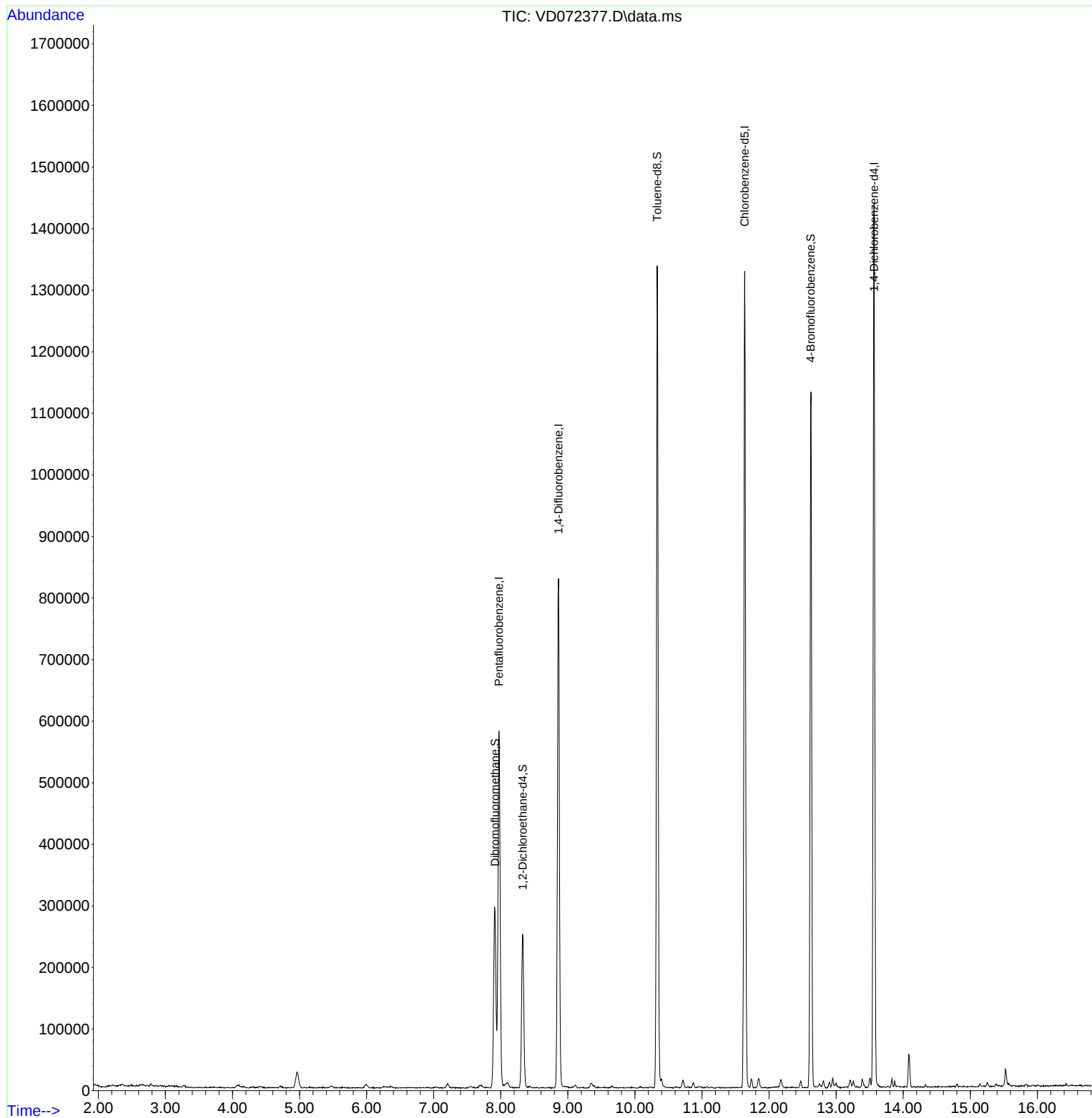
Target Compounds	Qvalue

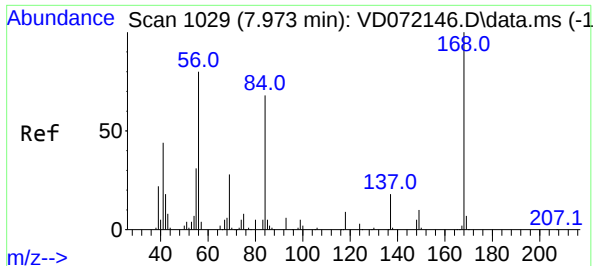
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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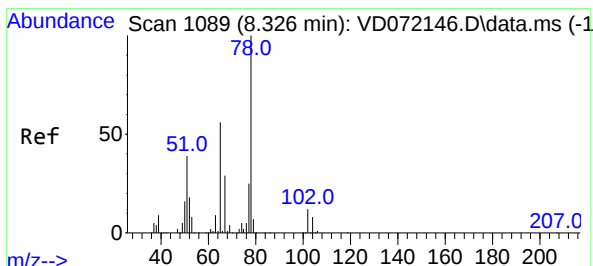
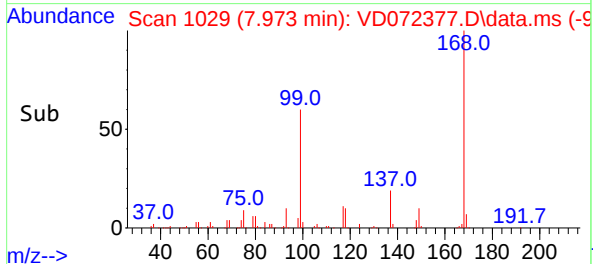
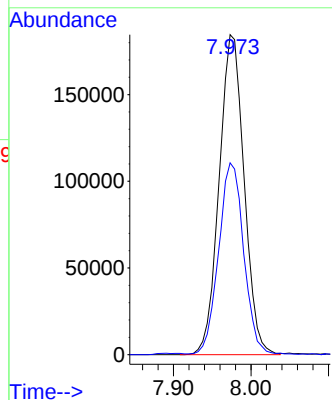
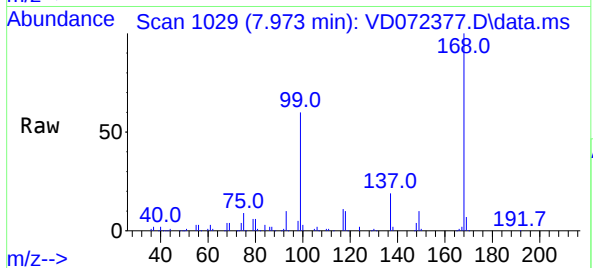




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

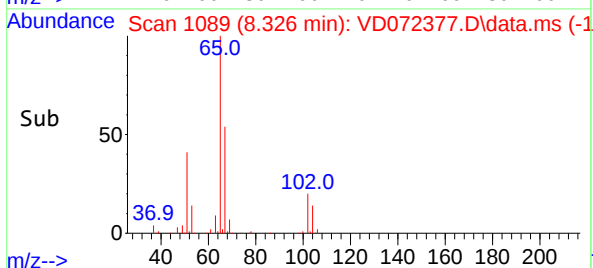
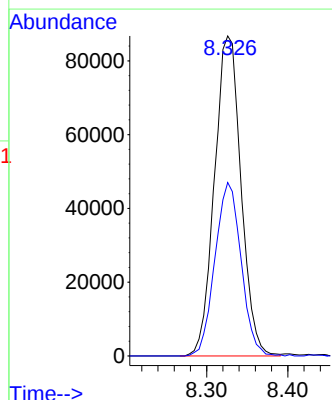
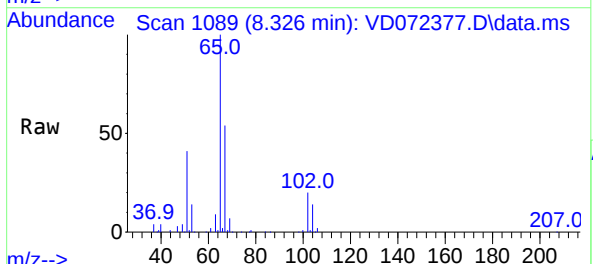
Instrument :
MSVOA_D
ClientSampleId :
VD0323SBL01

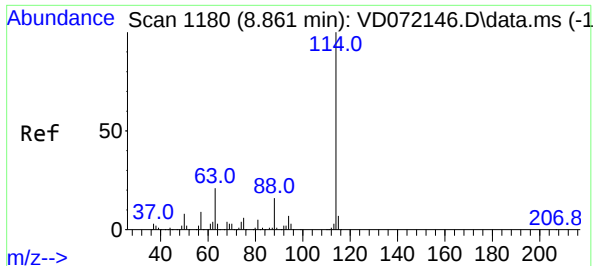
Tgt Ion:168 Resp: 413292
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.824 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 65 Resp: 197244
Ion Ratio Lower Upper
65 100
67 53.3 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: VD072377.D

Acq: 23 Mar 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0323SBL01

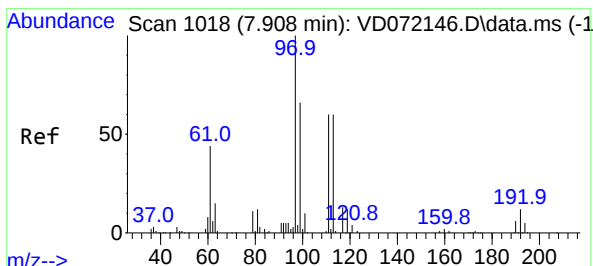
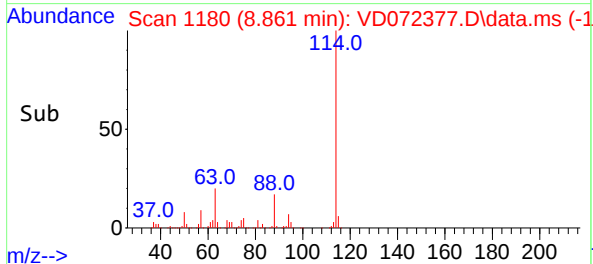
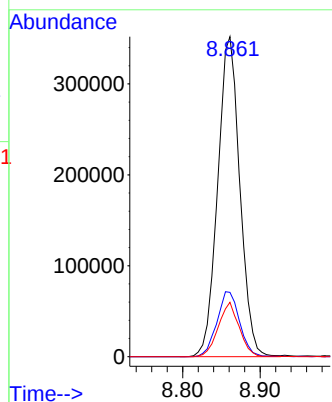
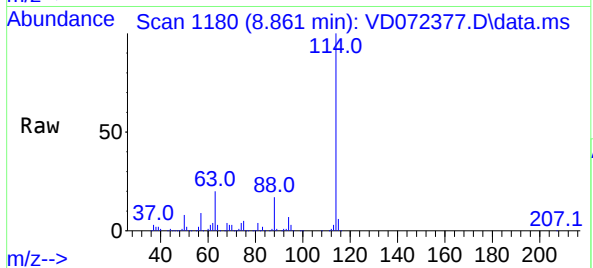
Tgt Ion:114 Resp: 699043

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.174 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072377.D

Acq: 23 Mar 2022 10:58

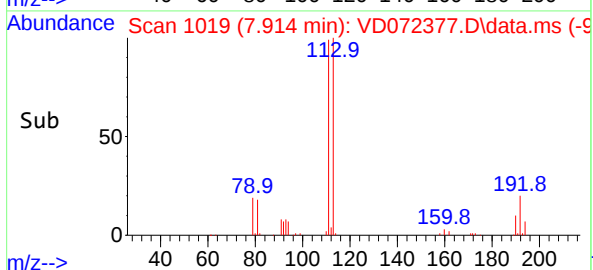
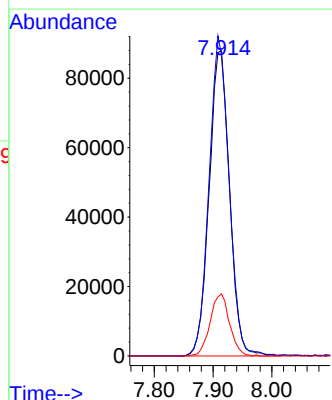
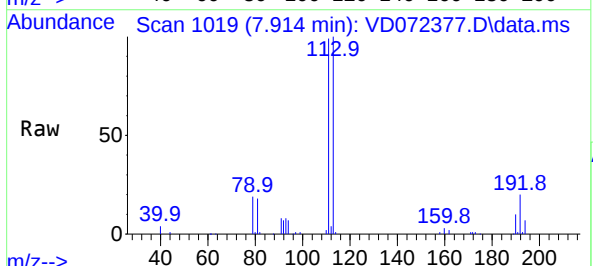
Tgt Ion:113 Resp: 212381

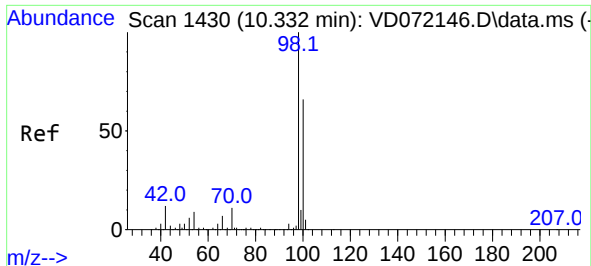
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.3 14.6 21.8

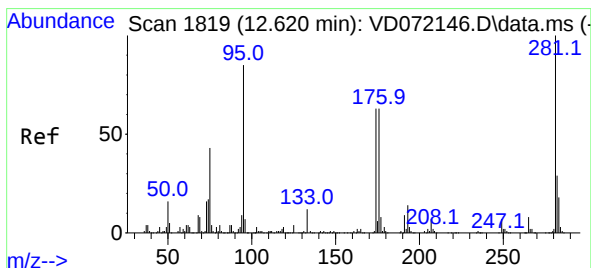
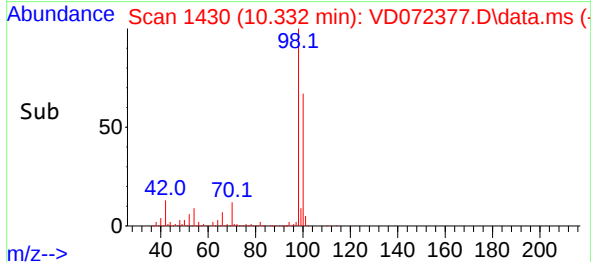
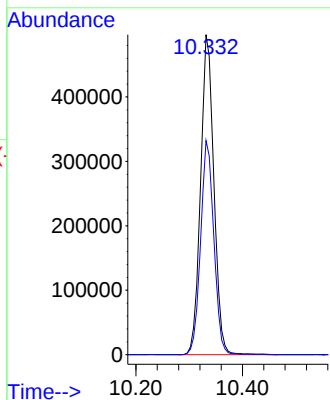
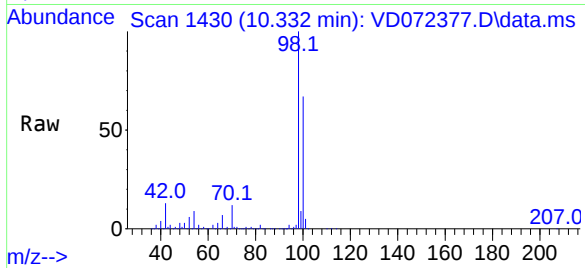




#50
Toluene-d8
Concen: 47.809 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

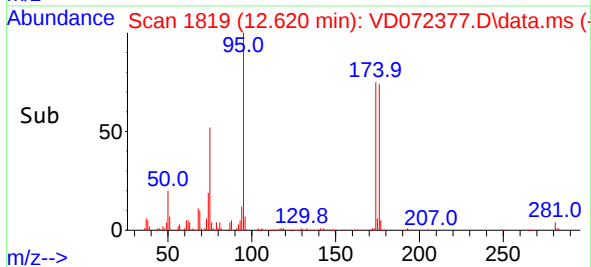
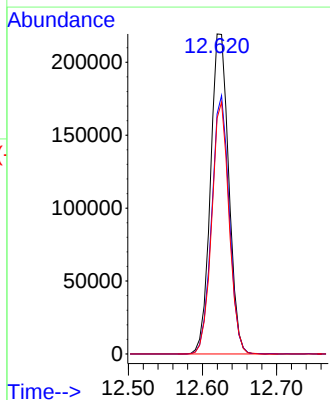
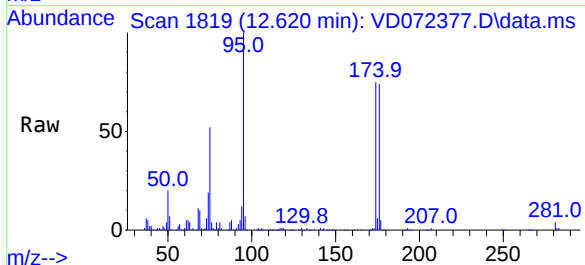
Instrument :
MSVOA_D
ClientSampleId :
VD0323SBL01

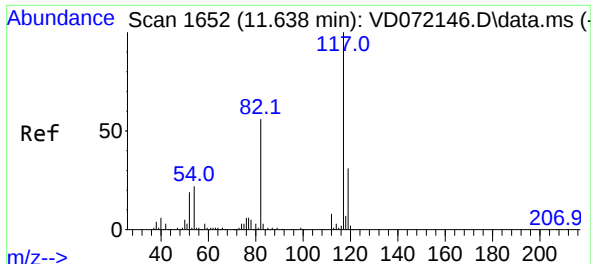
Tgt Ion: 98 Resp: 859956
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.567 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 95 Resp: 374377
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.5 0.0 145.4

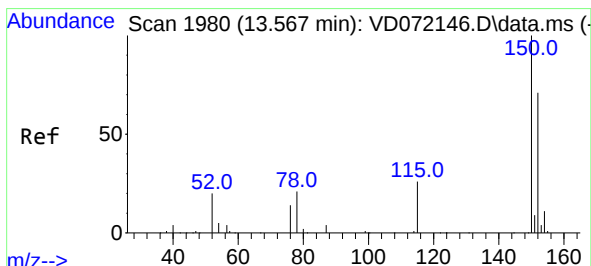
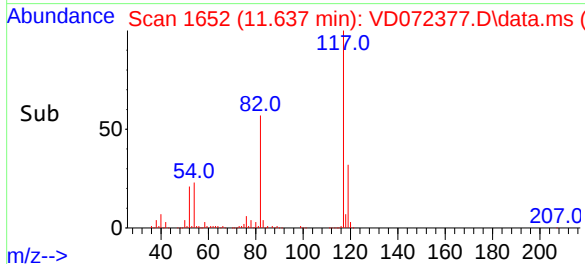
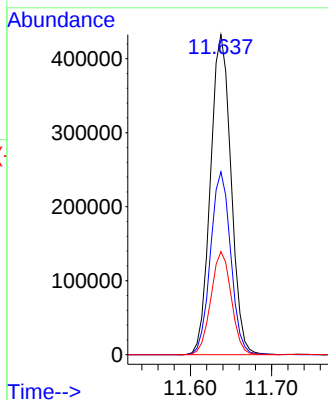
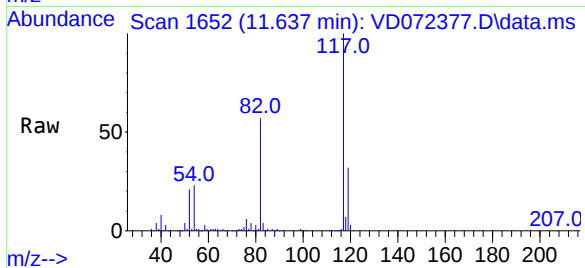




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0323SBL01

Tgt Ion:117 Resp: 761850
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion:152 Resp: 383604
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.8 0.0 348.6

