

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072355.D
 Acq On : 22 Mar 2022 10:50
 Operator : VA/SY
 Sample : VD0322SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Quant Time: Mar 23 01:10:22 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	356966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	675985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	343006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185045	46.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.914	113	196325	44.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.820%
50) Toluene-d8	10.338	98	783018	48.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.626	95	333038	53.627	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.260%

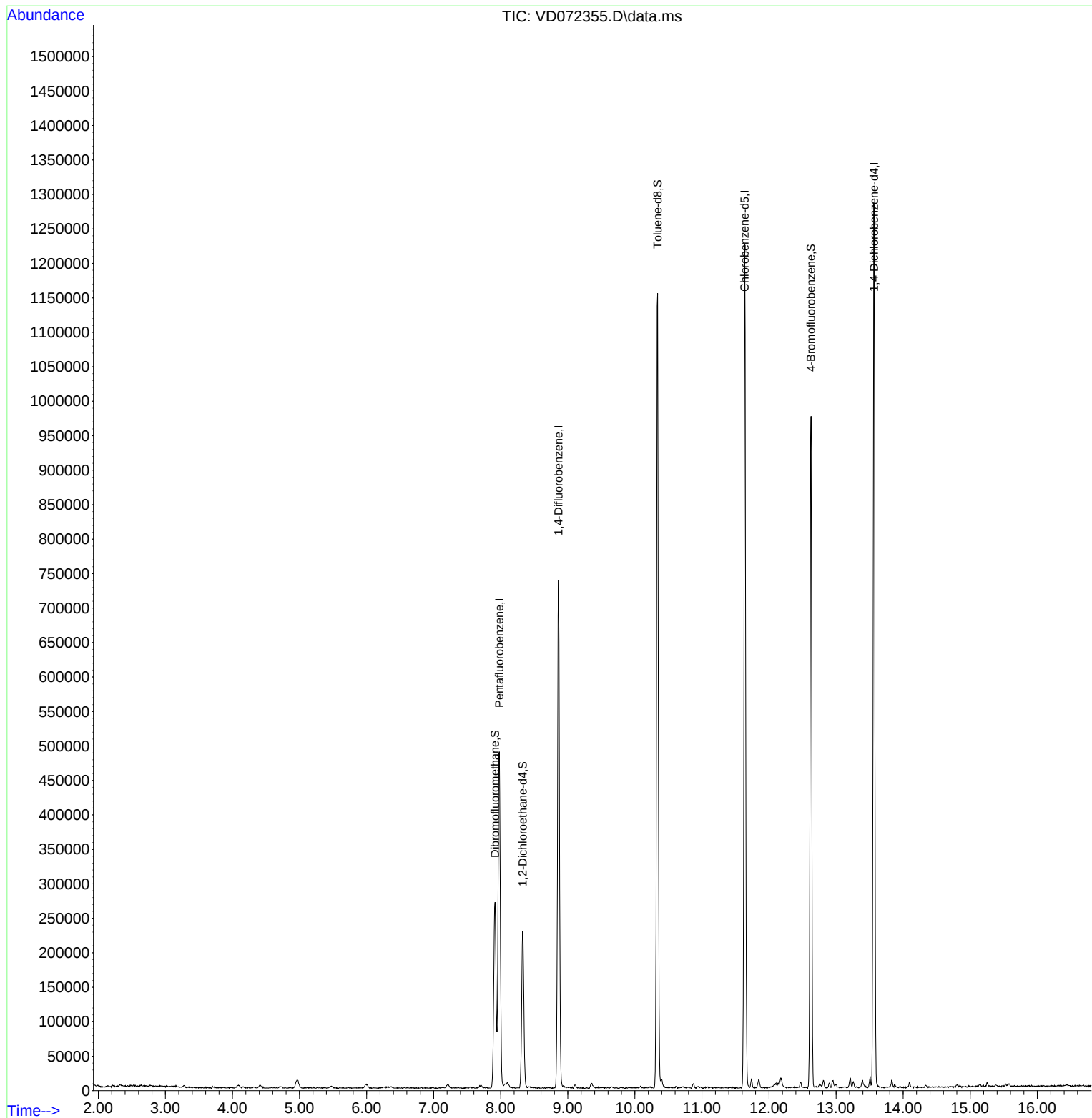
Target Compounds	Qvalue

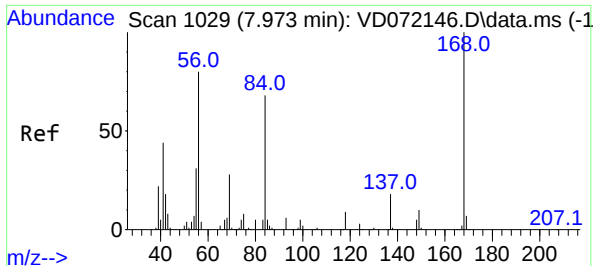
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072355.D

Acq: 22 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

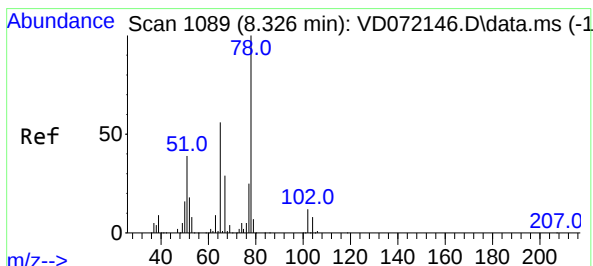
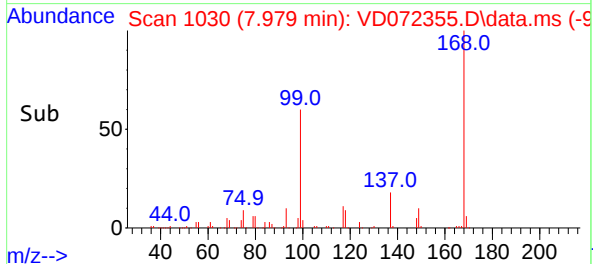
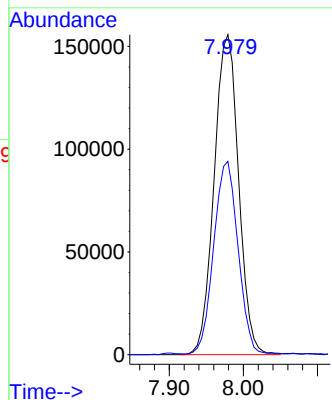
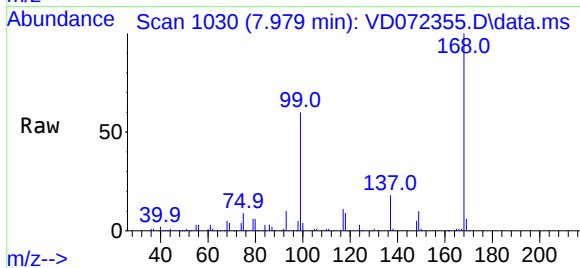
VD0322SBL01

Tgt Ion:168 Resp: 356966

Ion Ratio Lower Upper

168 100

99 60.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072355.D

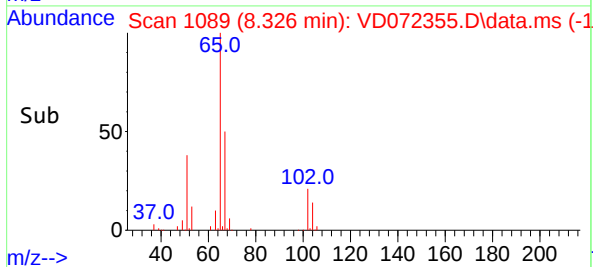
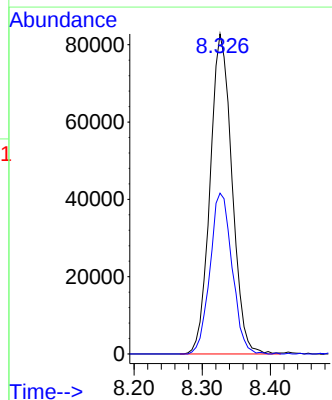
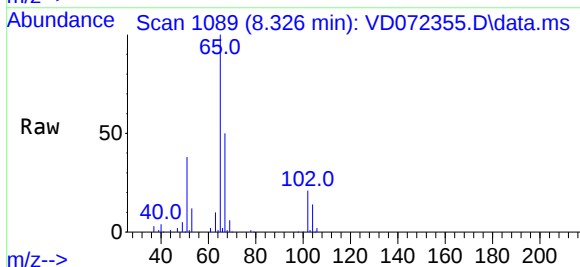
Acq: 22 Mar 2022 10:50

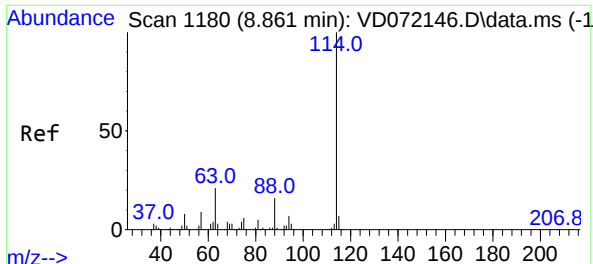
Tgt Ion: 65 Resp: 185045

Ion Ratio Lower Upper

65 100

67 50.7 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: VD072355.D

Acq: 22 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBL01

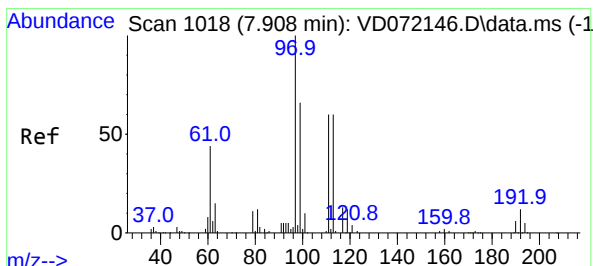
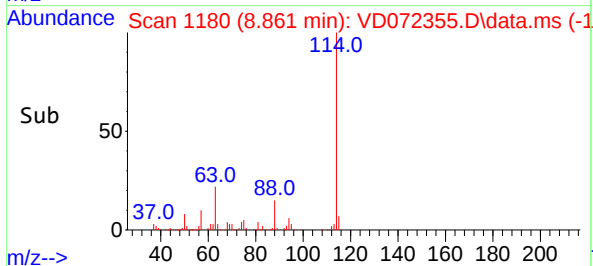
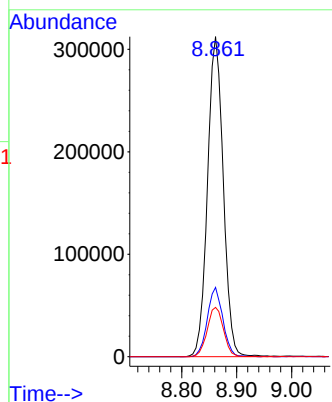
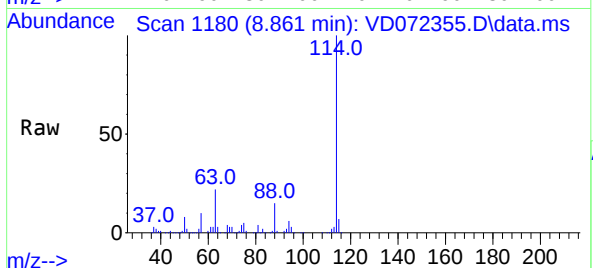
Tgt Ion:114 Resp: 621153

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.914 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072355.D

Acq: 22 Mar 2022 10:50

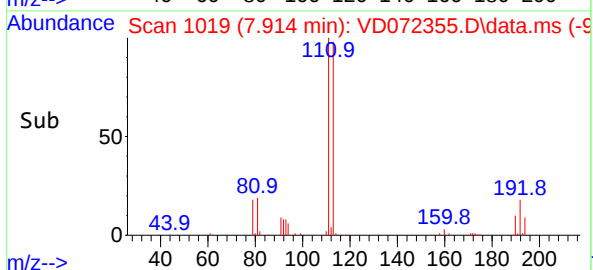
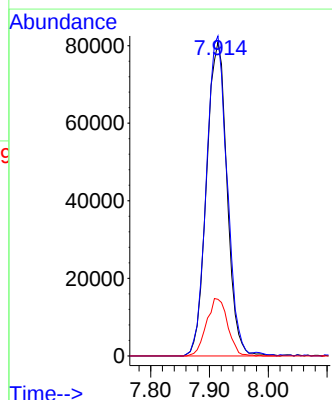
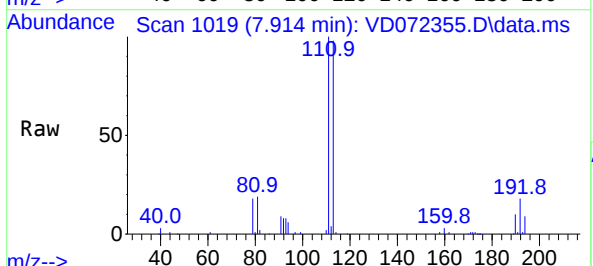
Tgt Ion:113 Resp: 196325

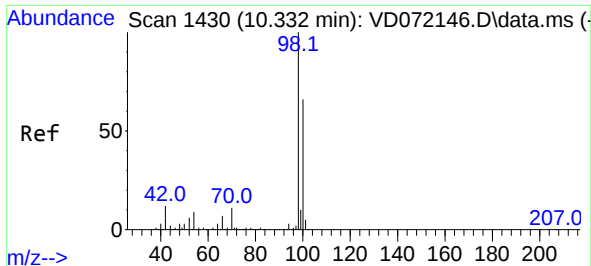
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.9 14.6 21.8

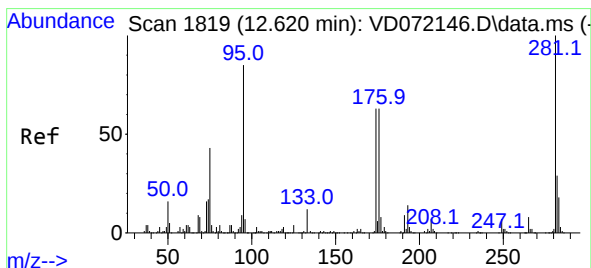
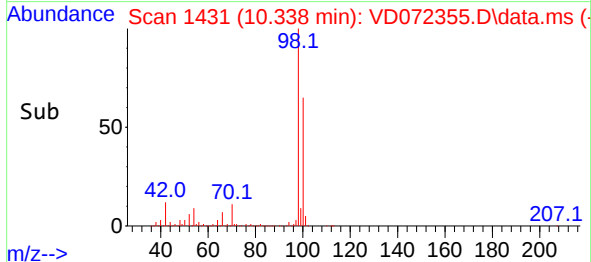
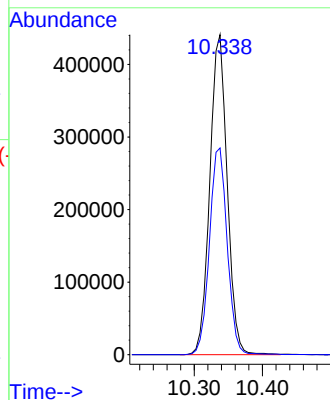
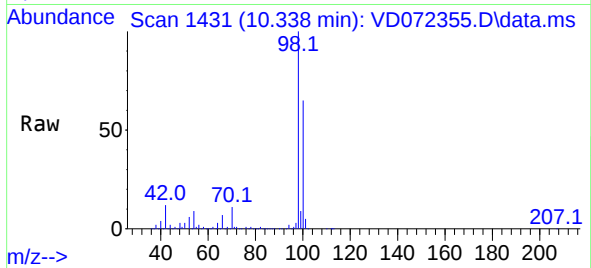




#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

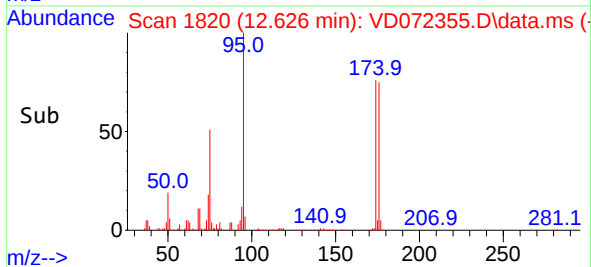
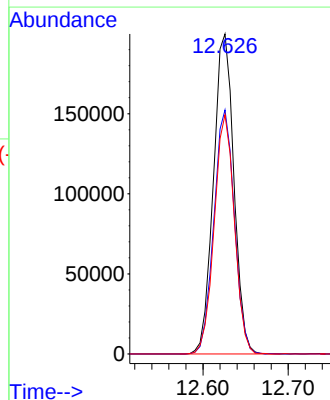
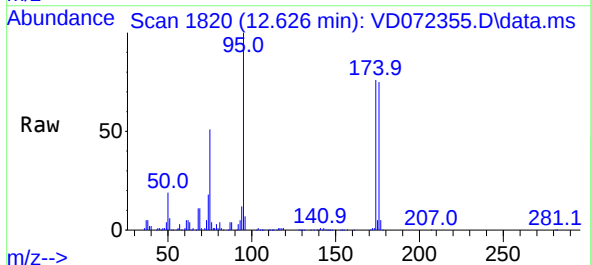
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

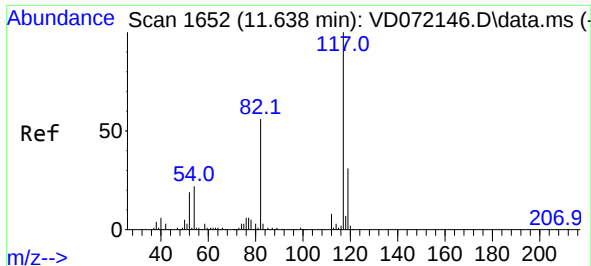
Tgt Ion: 98 Resp: 783018
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.627 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion: 95 Resp: 333038
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.6 0.0 145.4

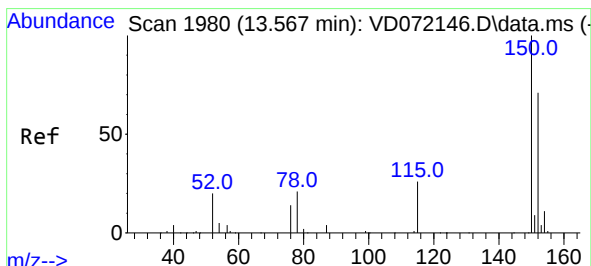
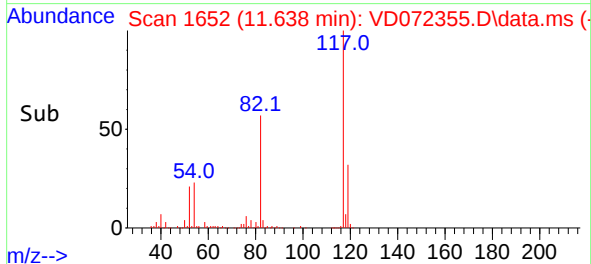
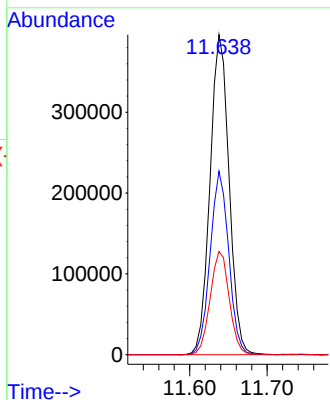
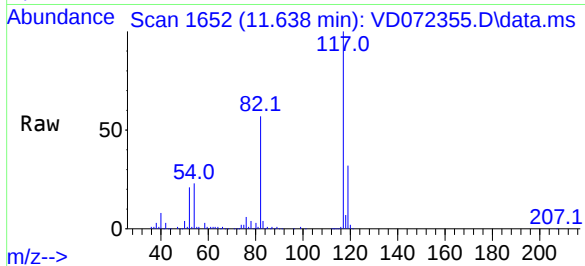




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Tgt Ion:	117	Resp:	675985
Ion	Ratio	Lower	Upper
117	100		
82	57.3	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: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion:	152	Resp:	343006
Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.3	93.8
150	156.4	0.0	348.6

