

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070693.D
 Acq On : 13 Oct 2021 13:04
 Operator : VA/SY
 Sample : VD1013SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBL01

Quant Time: Oct 14 04:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	452717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	791365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256999	48.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.914	113	274118	48.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.337	98	1076254	49.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.620	95	331354	45.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.660%

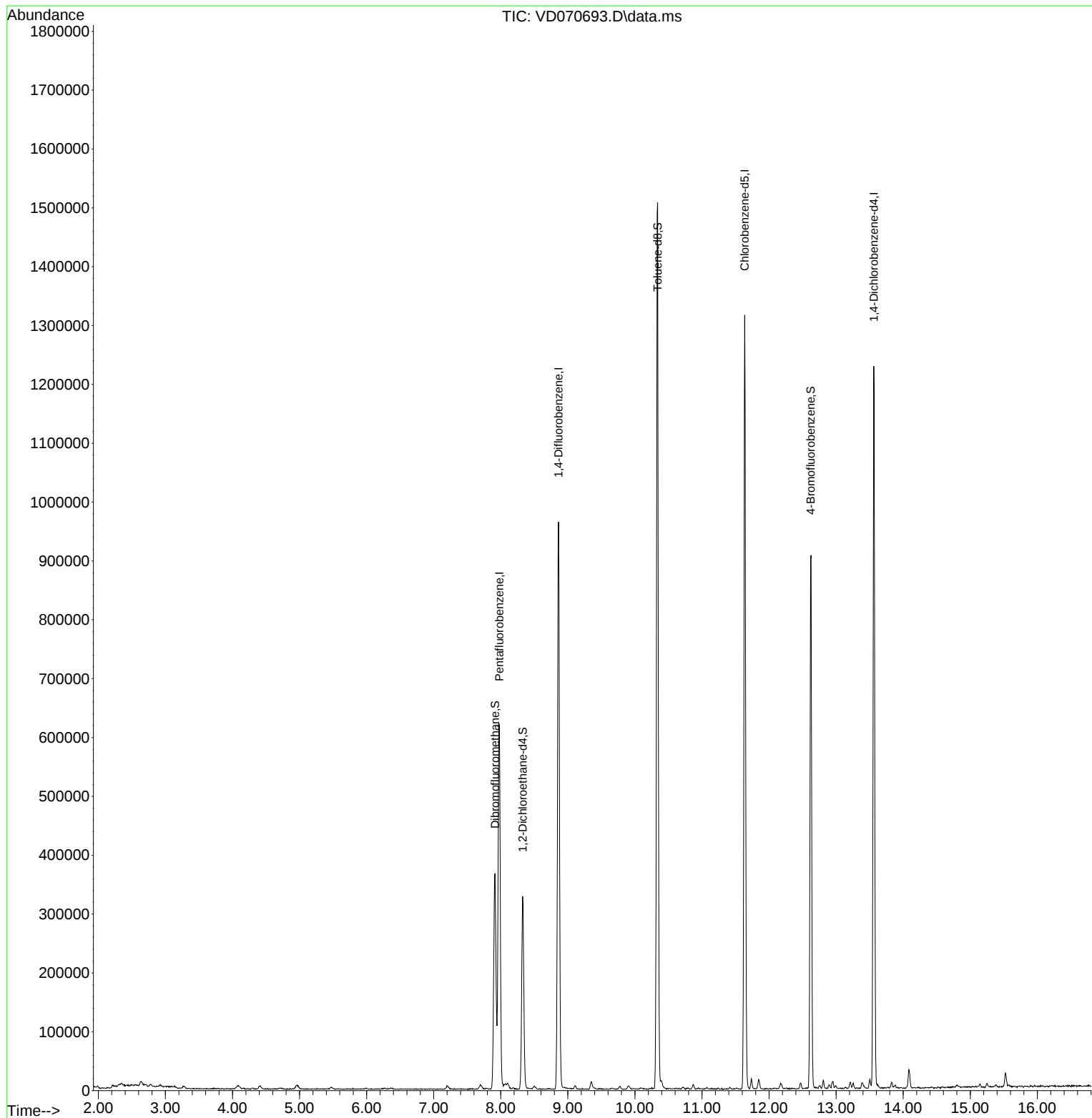
Target Compounds	Qvalue

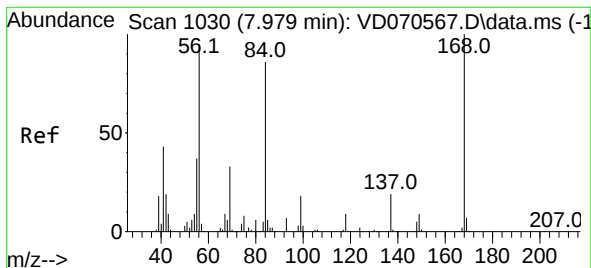
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070693.D

Acq: 13 Oct 2021 13:04

Instrument :

MSVOA_D

ClientSampleId :

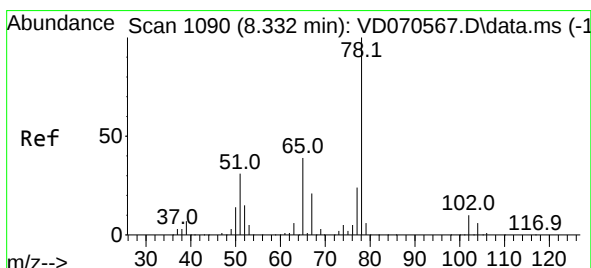
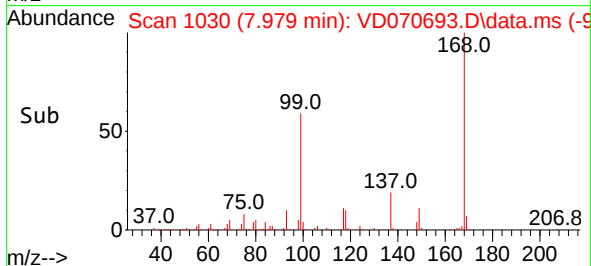
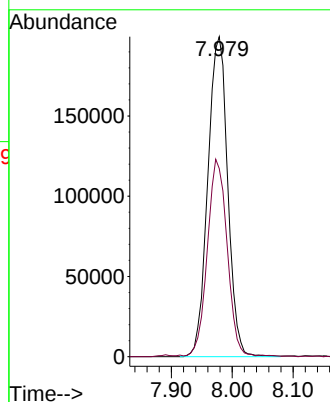
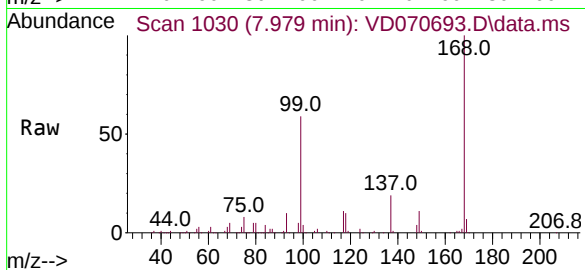
VD1013SBL01

Tgt Ion:168 Resp: 452717

Ion Ratio Lower Upper

168 100

99 58.6 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070693.D

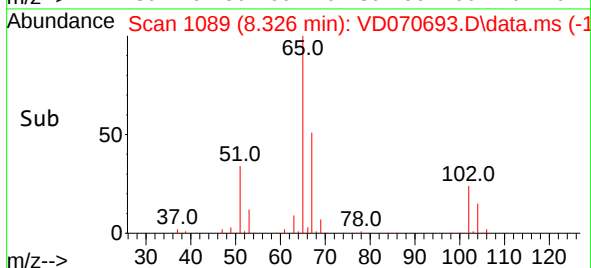
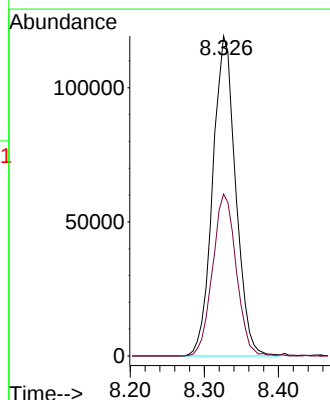
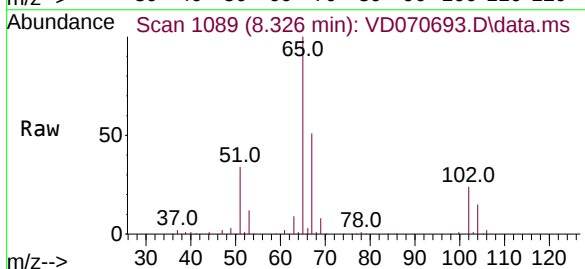
Acq: 13 Oct 2021 13:04

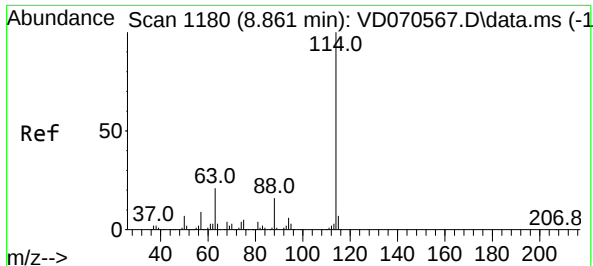
Tgt Ion: 65 Resp: 256999

Ion Ratio Lower Upper

65 100

67 52.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070693.D

Acq: 13 Oct 2021 13:04

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBL01

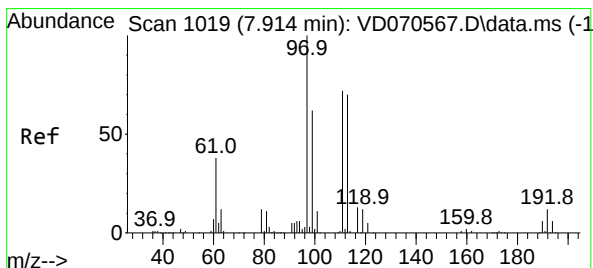
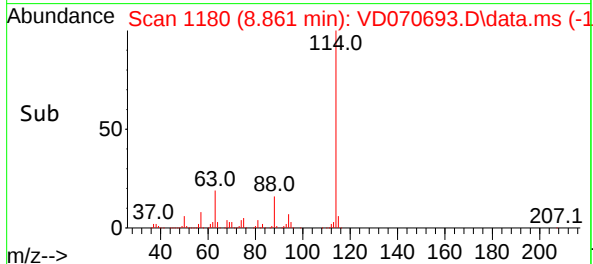
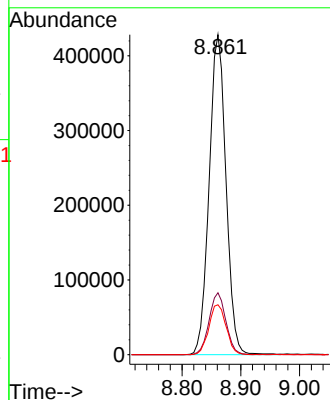
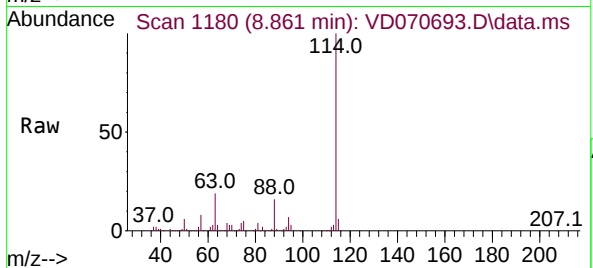
Tgt Ion:114 Resp: 851086

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.8

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070693.D

Acq: 13 Oct 2021 13:04

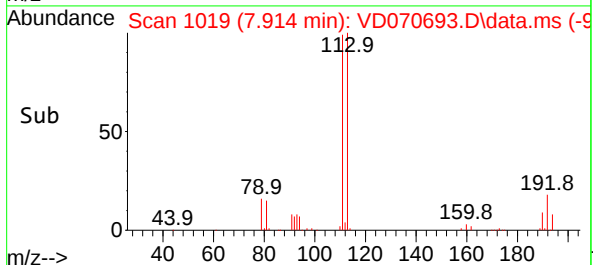
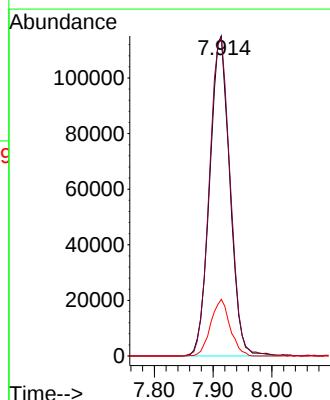
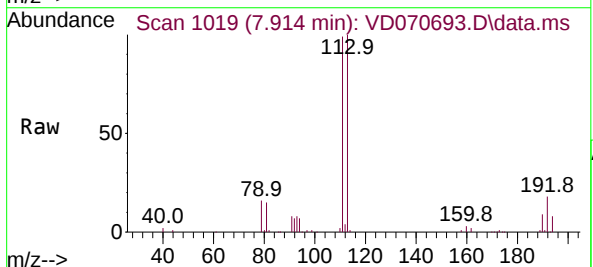
Tgt Ion:113 Resp: 274118

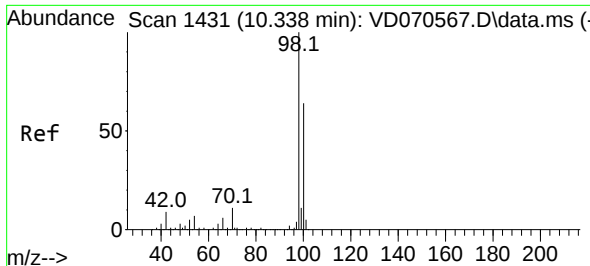
Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

192 17.0 12.7 19.1

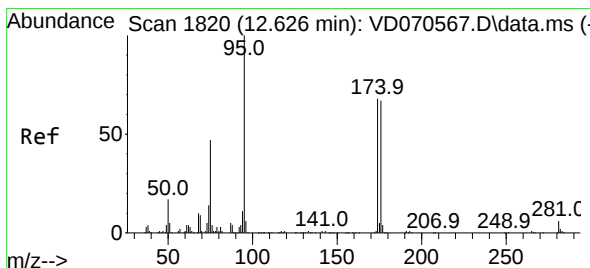
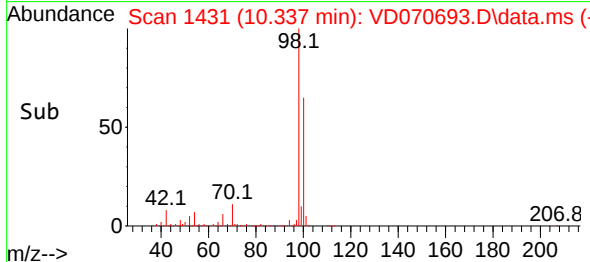
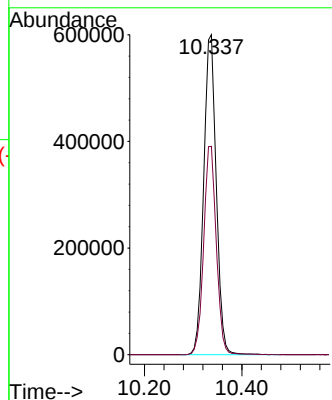
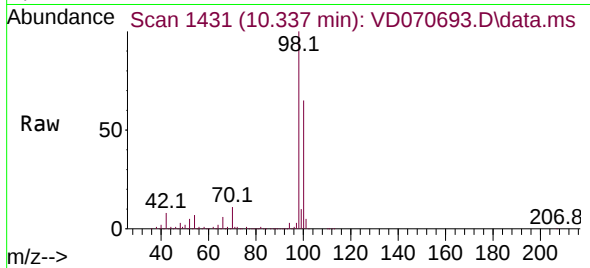




#50
Toluene-d8
Concen: 49.754 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

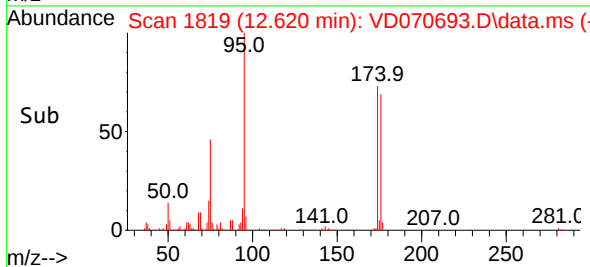
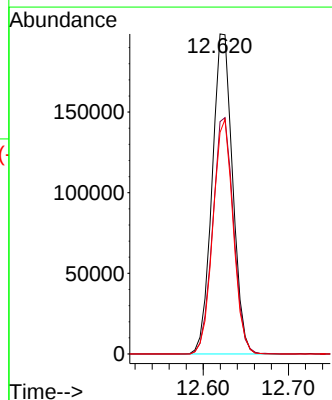
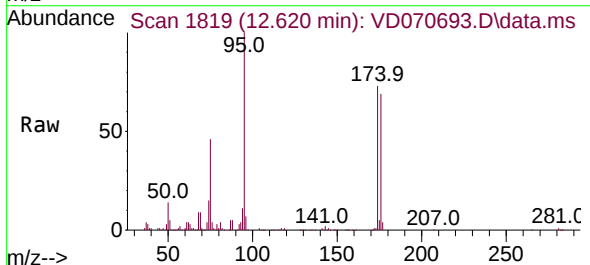
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

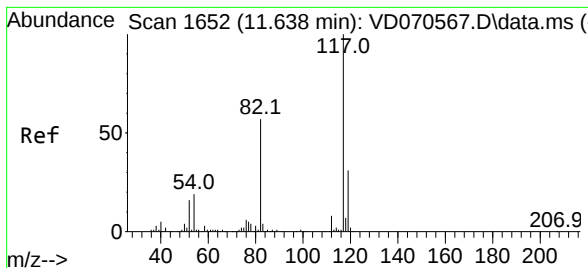
Tgt Ion: 98 Resp: 1076254
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 95 Resp: 331354
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.0
176 72.1 0.0 135.6

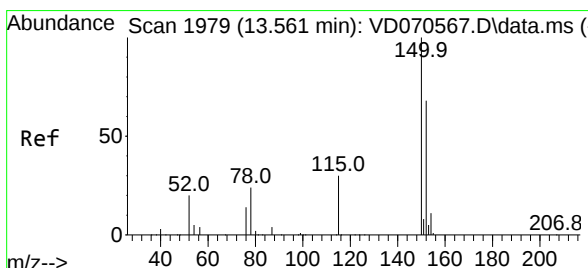
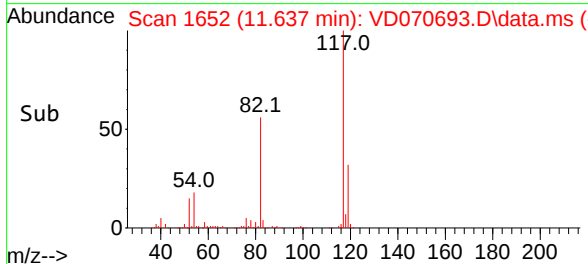
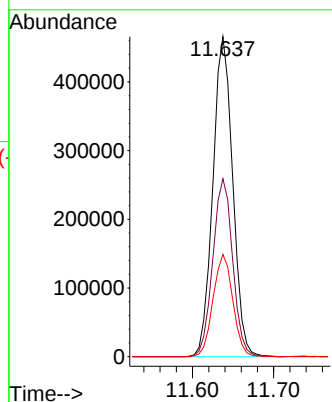
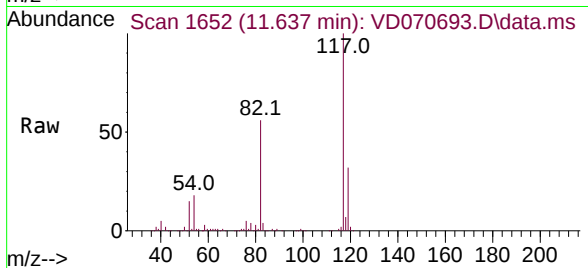




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tgt Ion:117 Resp: 791365
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion:152 Resp: 334494
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.7
150 157.1 0.0 350.0

