

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070618.D
 Acq On : 07 Oct 2021 15:47
 Operator : VA/SY
 Sample : M4113-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Oct 08 04:52:50 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	7.973	168	11744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	19590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	19884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10880	78.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.440%
35) Dibromofluoromethane	7.908	113	7545	57.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.860%
50) Toluene-d8	10.332	98	24271	48.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.620	95	6902	41.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.940%

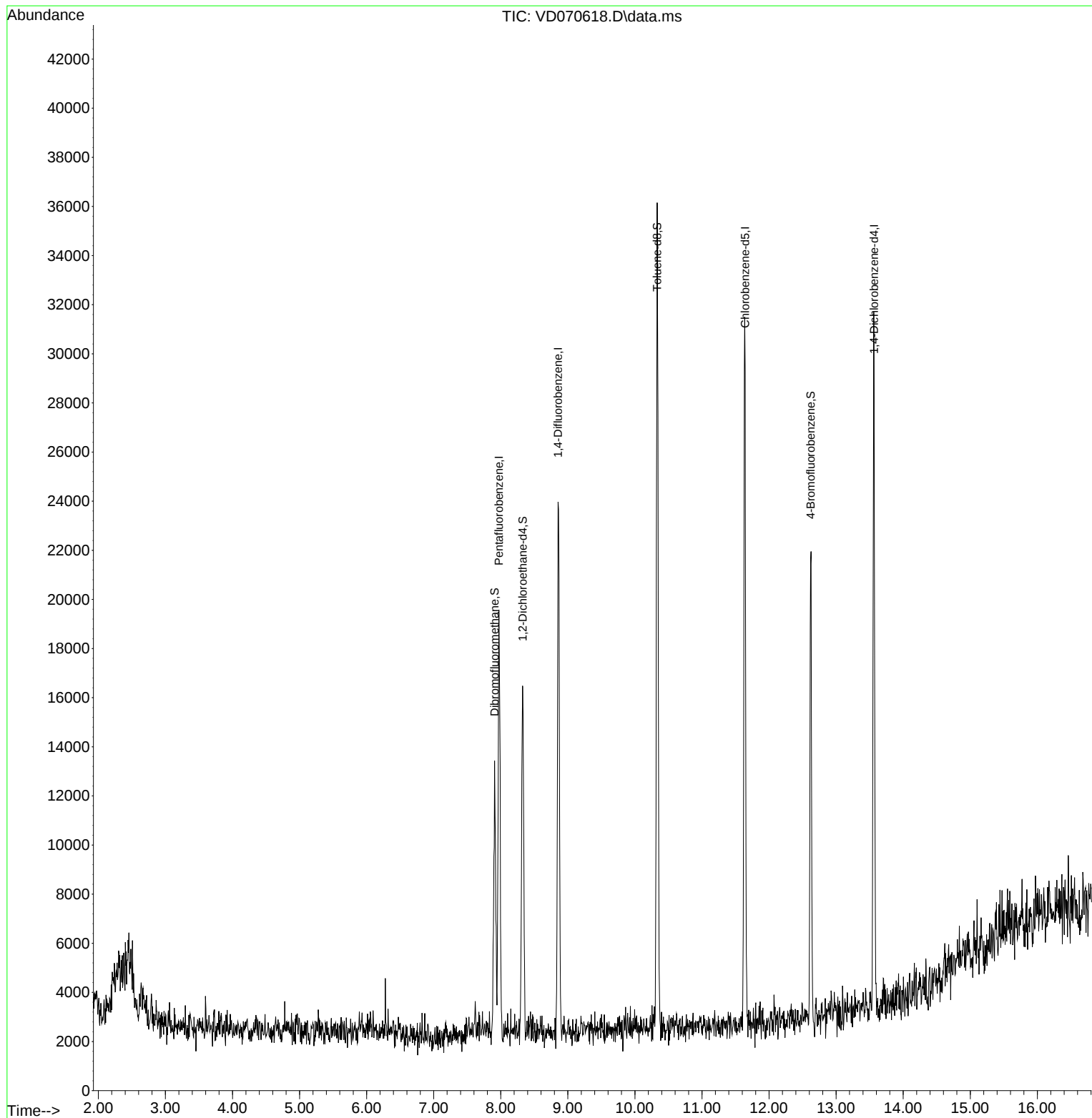
Target Compounds	Qvalue

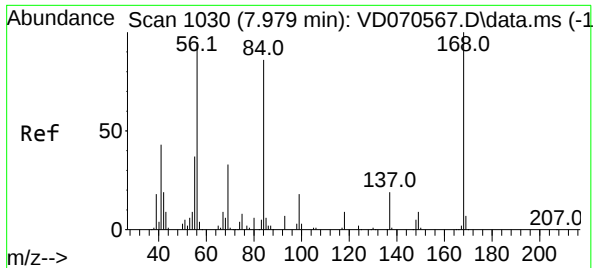
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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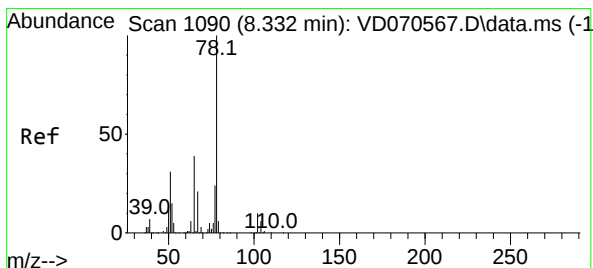
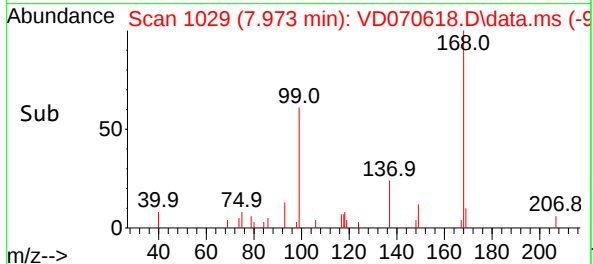
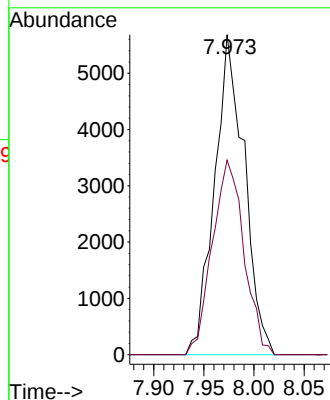
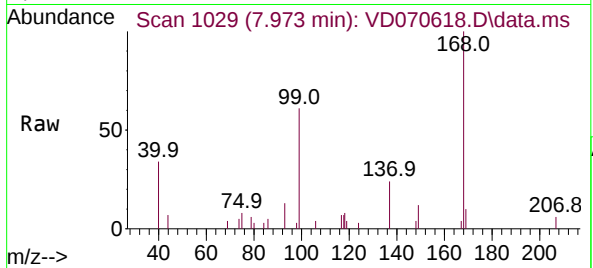




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

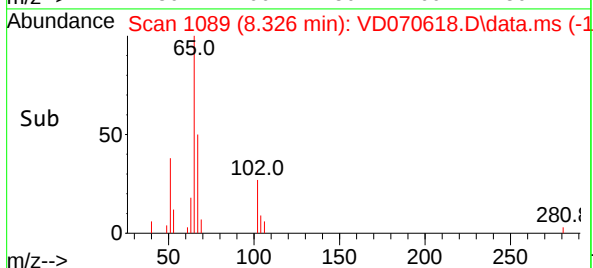
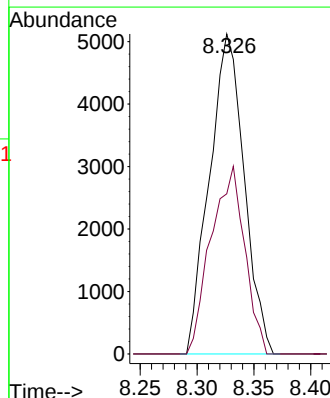
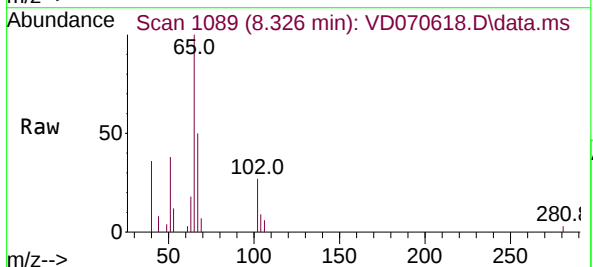
Instrument :
MSVOA_D
ClientSampleId :
TP-3

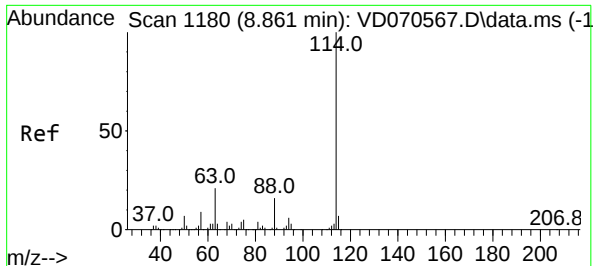
Tgt Ion:168 Resp: 11744
Ion Ratio Lower Upper
168 100
99 60.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 78.720 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion: 65 Resp: 10880
Ion Ratio Lower Upper
65 100
67 57.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD070618.D

Acq: 07 Oct 2021 15:47

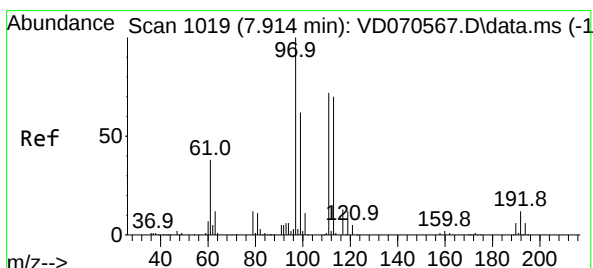
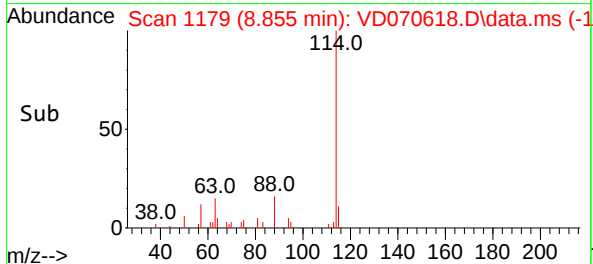
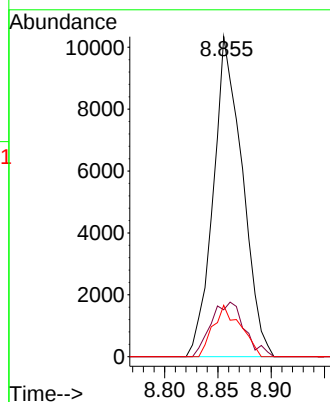
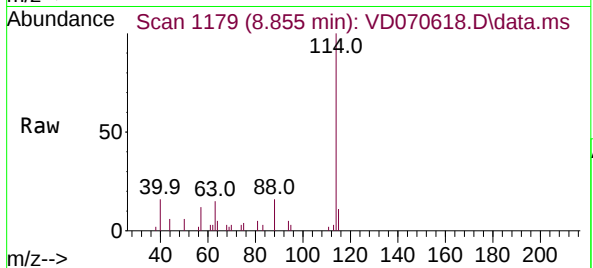
Instrument :

MSVOA_D

ClientSampleId :

TP-3

Tgt Ion:114	Resp:	19590
Ion	Ratio	Lower Upper
114	100	
63	14.6	0.0 41.8
88	16.0	0.0 32.6



#35

Dibromofluoromethane

Concen: 57.929 ug/l

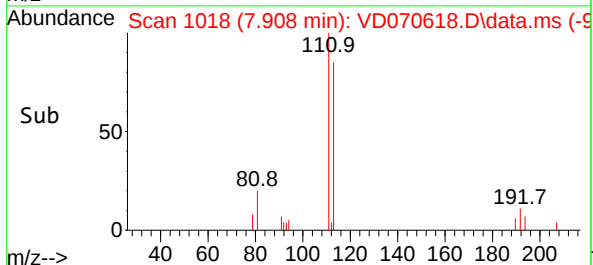
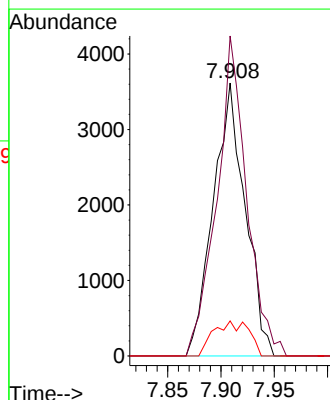
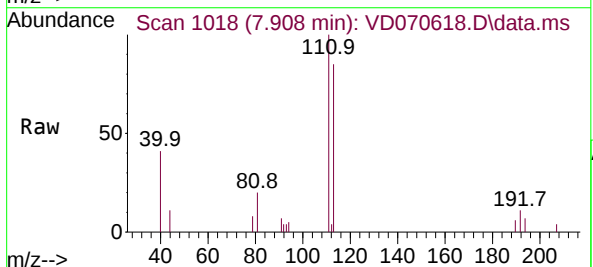
RT: 7.908 min Scan# 1018

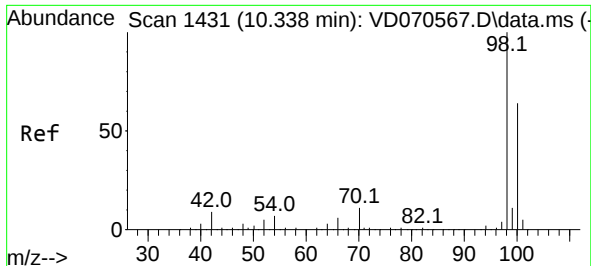
Delta R.T. -0.006 min

Lab File: VD070618.D

Acq: 07 Oct 2021 15:47

Tgt Ion:113	Resp:	7545
Ion	Ratio	Lower Upper
113	100	
111	109.6	83.1 124.7
192	14.1	12.7 19.1

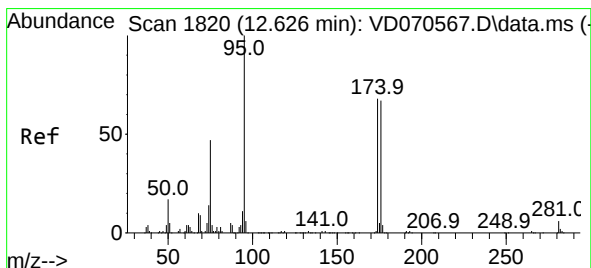
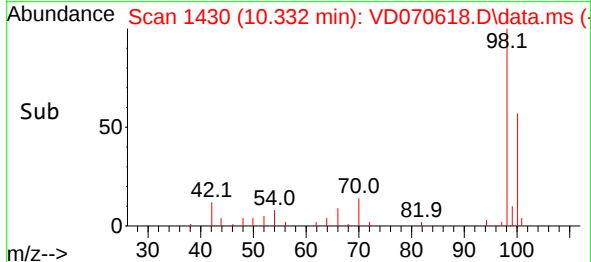
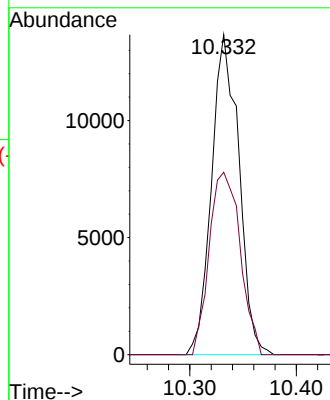
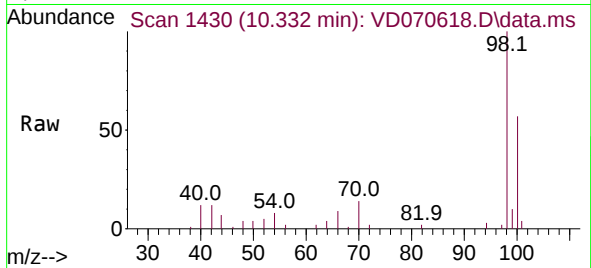




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

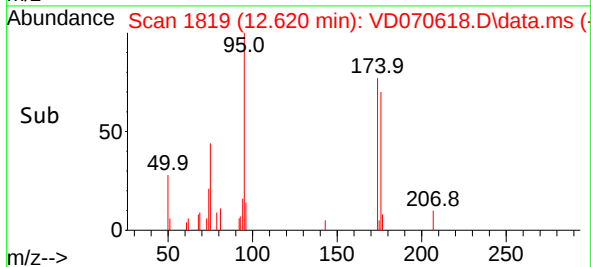
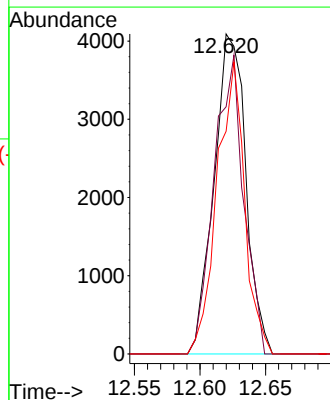
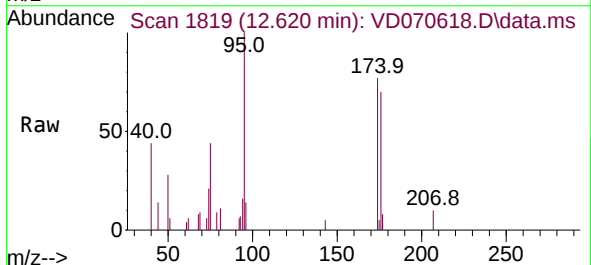
Instrument :
MSVOA_D
ClientSampleId :
TP-3

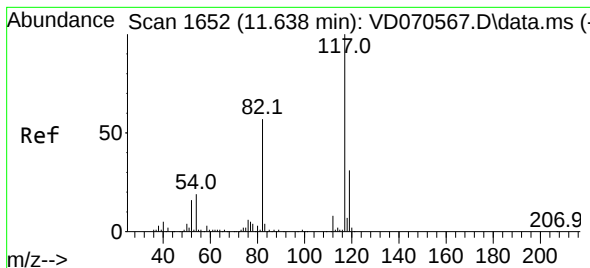
Tgt Ion: 98 Resp: 24271
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 41.475 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion: 95 Resp: 6902
Ion Ratio Lower Upper
95 100
174 87.3 0.0 138.0
176 79.0 0.0 135.6

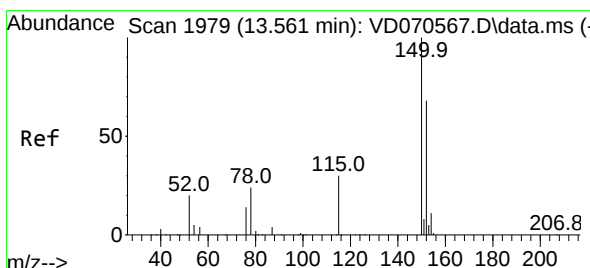
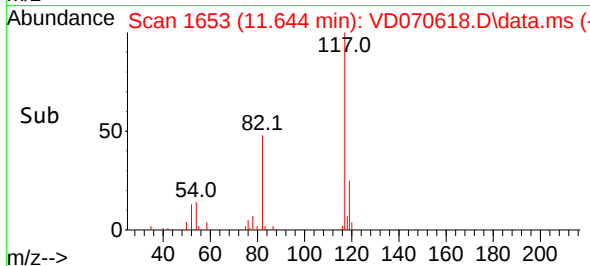
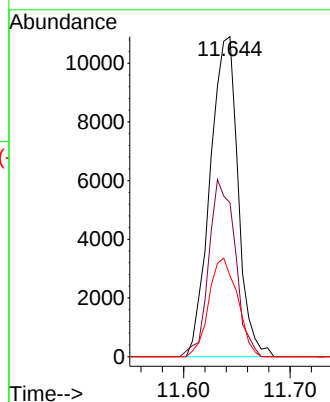
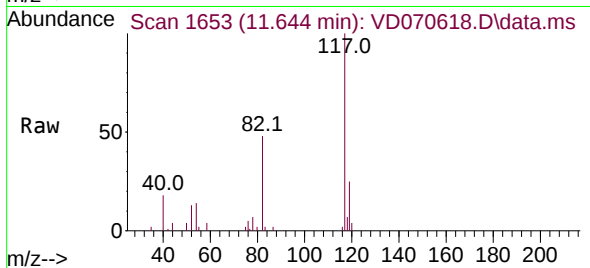




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:	117	Resp:	19884
Ion Ratio	Lower	Upper	
117	100		
82	48.1	45.4	68.2
119	25.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion:	152	Resp:	8139
Ion Ratio	Lower	Upper	
152	100		
115	61.9	31.9	95.7
150	147.7	0.0	350.0

