

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070613.D
 Acq On : 07 Oct 2021 13:24
 Operator : VA/SY
 Sample : M4061-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Oct 08 04:51:23 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	24210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	43525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	46982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	24867	87.28	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.56%#
35) Dibromofluoromethane	7.914	113	15443	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.332	98	55299	49.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.98%
62) 4-Bromofluorobenzene	12.626	95	18256	49.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.76%

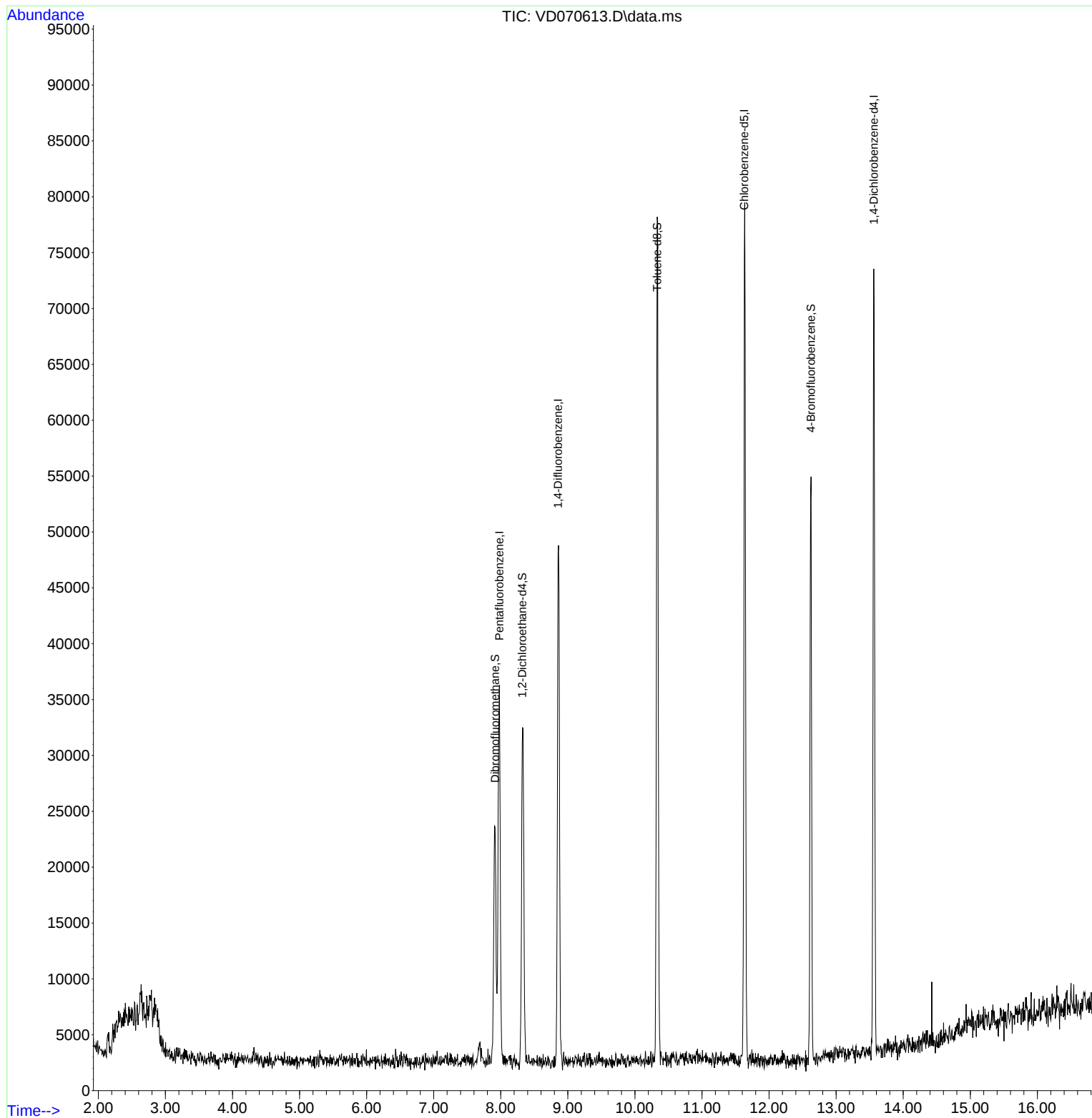
Target Compounds	Qvalue

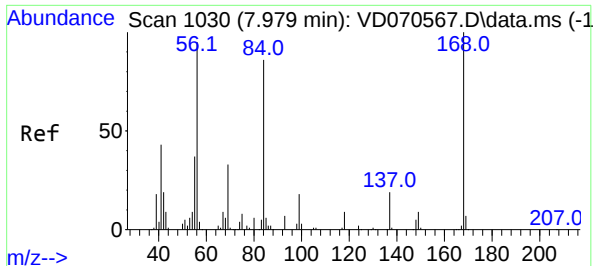
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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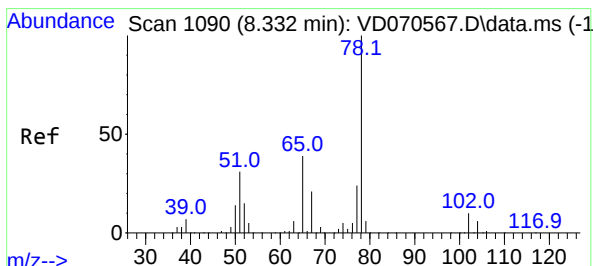
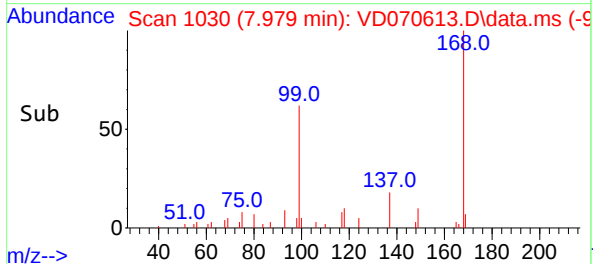
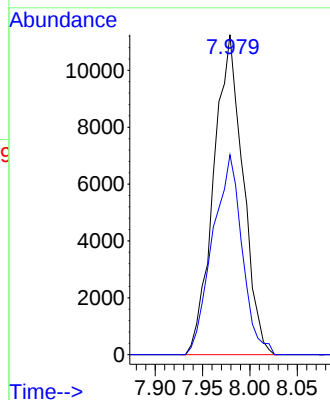
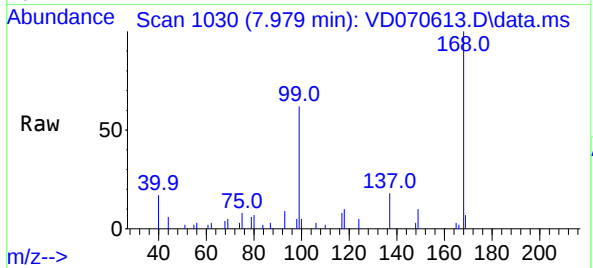




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

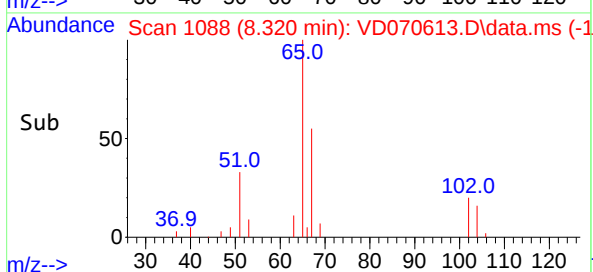
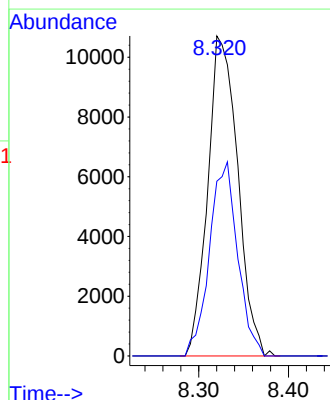
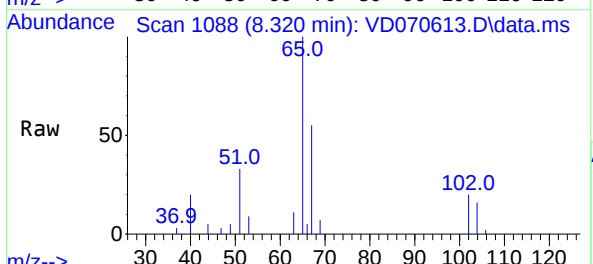
Instrument :
MSVOA_D
ClientSampleId :
S-5

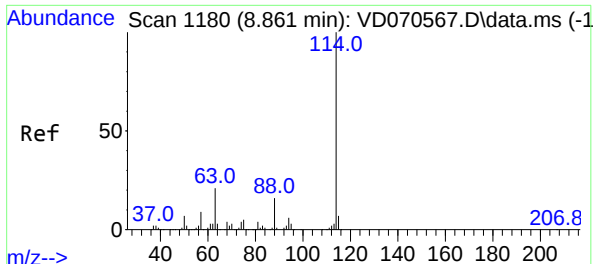
Tgt Ion:168 Resp: 24210
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 87.28 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

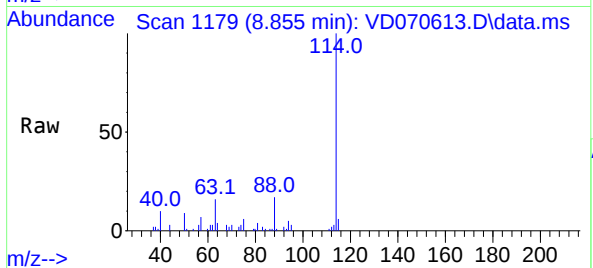
Tgt Ion: 65 Resp: 24867
Ion Ratio Lower Upper
65 100
67 56.9 0.0 110.2



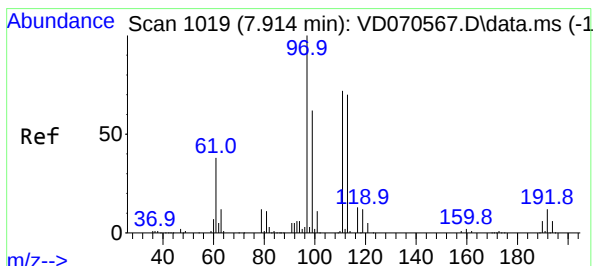
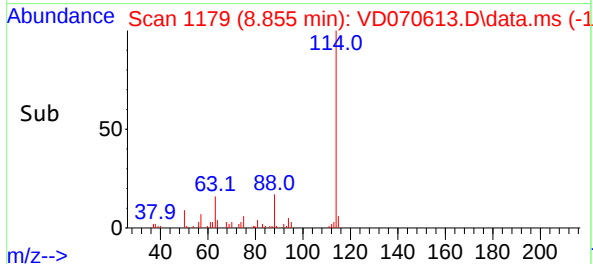
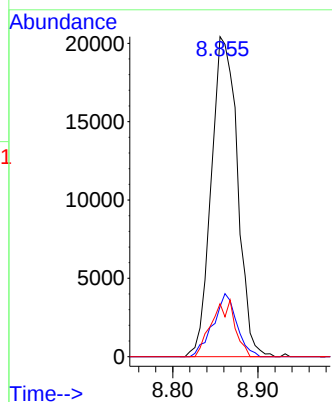


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampled :
S-5

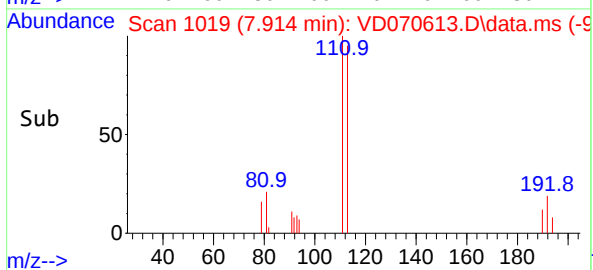
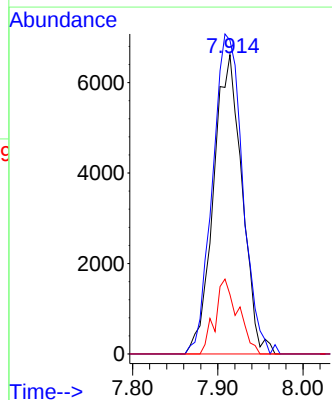
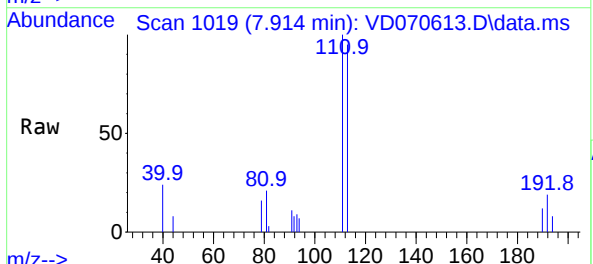


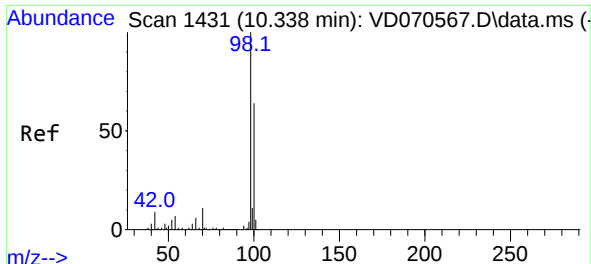
Tgt Ion:	114	Resp:	43525
Ion Ratio	Lower	Upper	
114	100		
63	15.7	0.0	41.8
88	16.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion:	113	Resp:	15443
Ion Ratio	Lower	Upper	
113	100		
111	112.6	83.1	124.7
192	20.3	12.7	19.1#

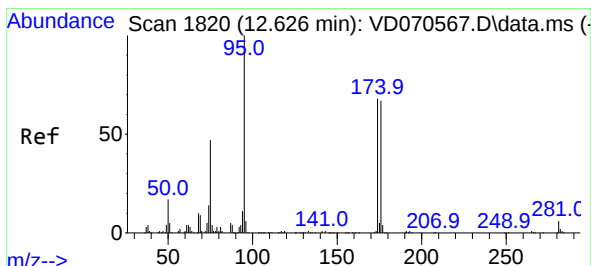
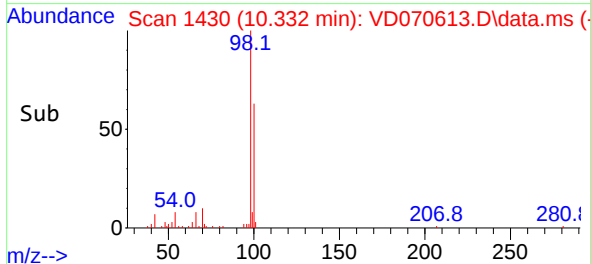
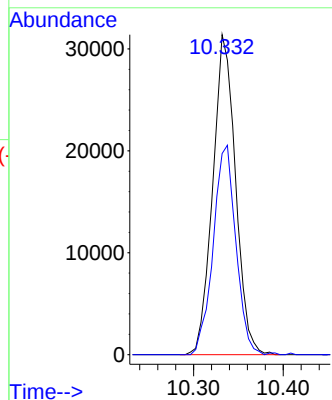
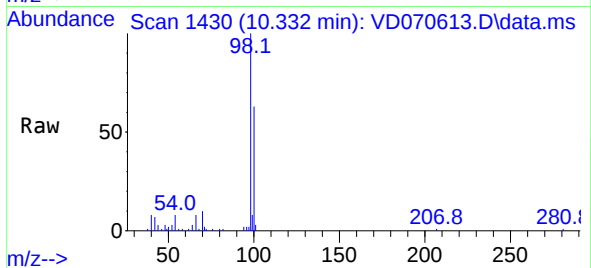




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

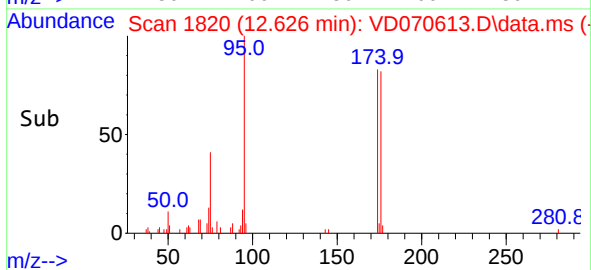
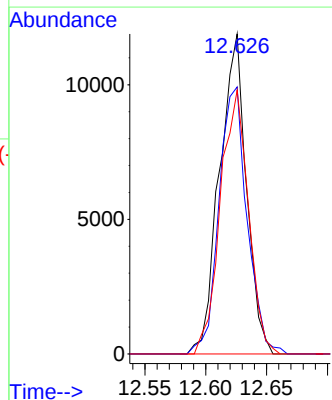
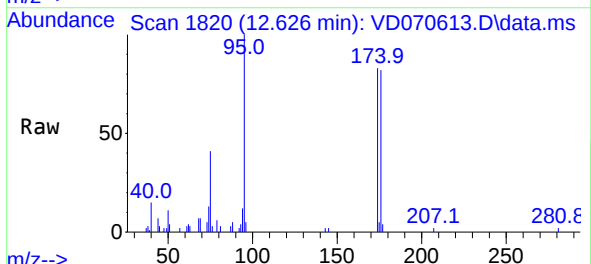
Instrument :
MSVOA_D
ClientSampleId :
S-5

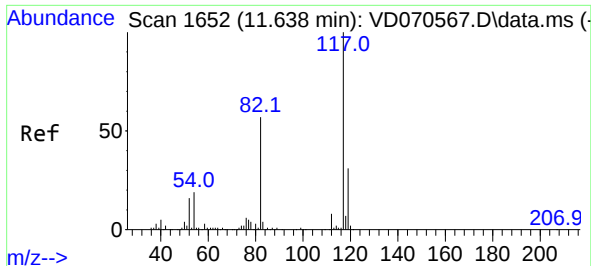
Tgt Ion: 98 Resp: 55299
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 95 Resp: 18256
Ion Ratio Lower Upper
95 100
174 87.5 0.0 138.0
176 86.0 0.0 135.6

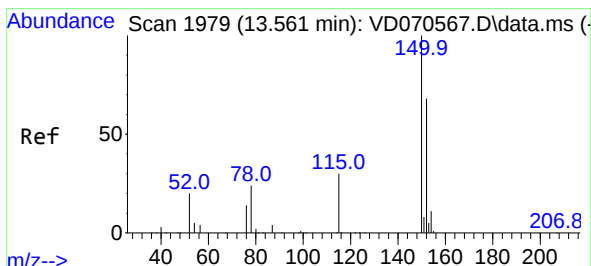
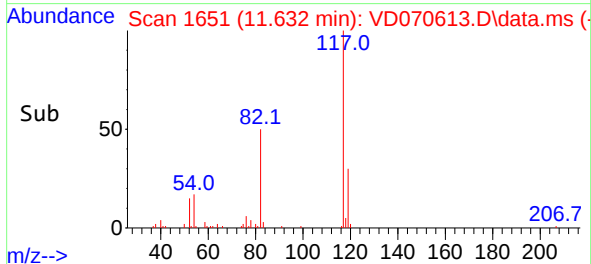
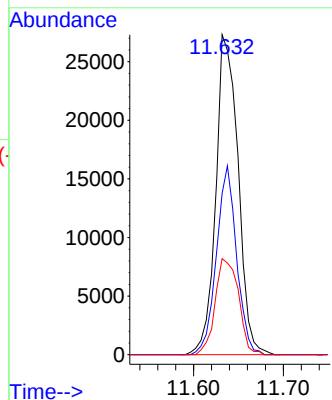
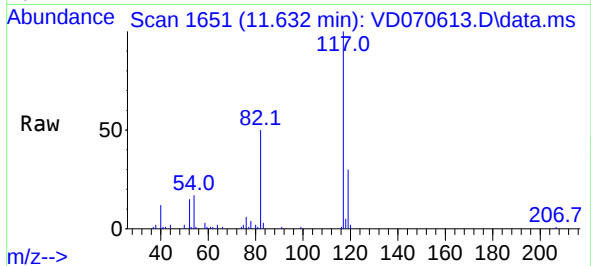




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampleId :
S-5

Tgt Ion:	117	Resp:	46982
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.4	68.2
119	30.0	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion:	152	Resp:	20197
Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.9	95.7
150	158.6	0.0	350.0

