

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069179.D
 Acq On : 14 May 2021 16:22
 Operator : VA/SY
 Sample : M2392-22
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-3.5-4.0

Quant Time: May 15 02:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	3124	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	5712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	5573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1853	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3558	113.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	227.22%#
35) Dibromofluoromethane	7.914	113	2113	56.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.68%
50) Toluene-d8	10.338	98	6312	46.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.42%
62) 4-Bromofluorobenzene	12.632	95	1851	42.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.24%

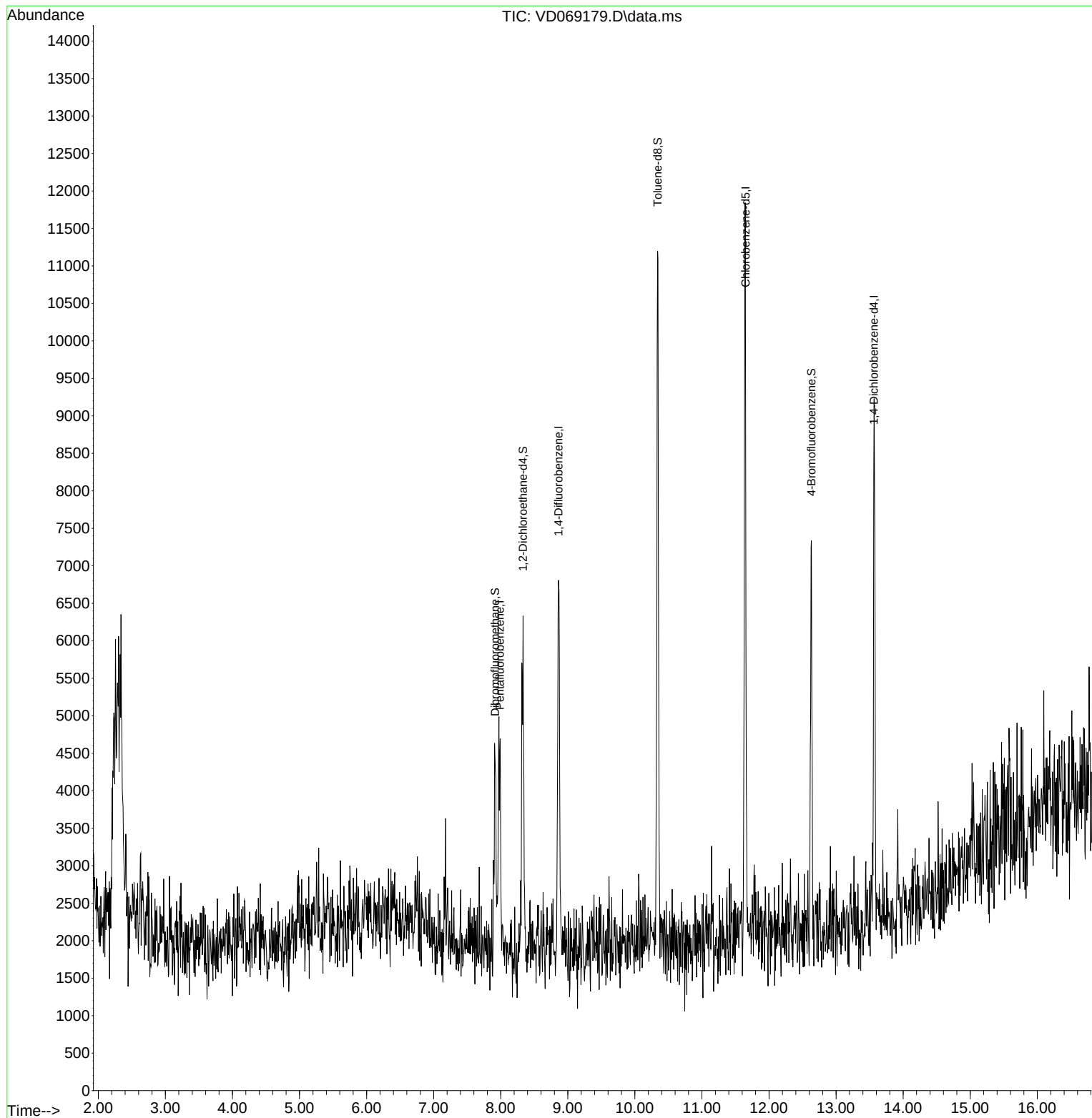
Target Compounds	Qvalue

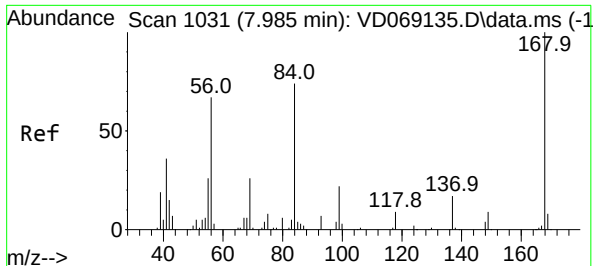
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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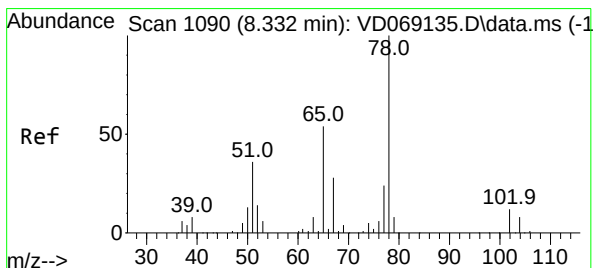
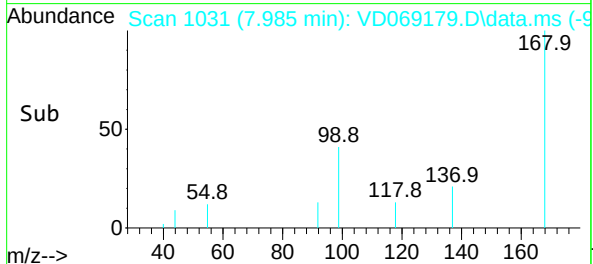
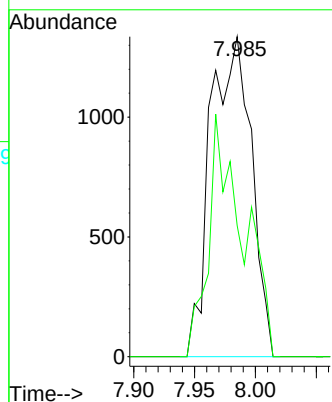
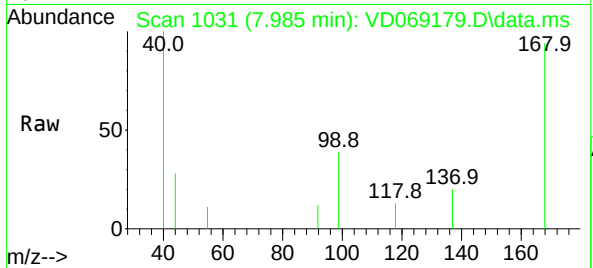




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

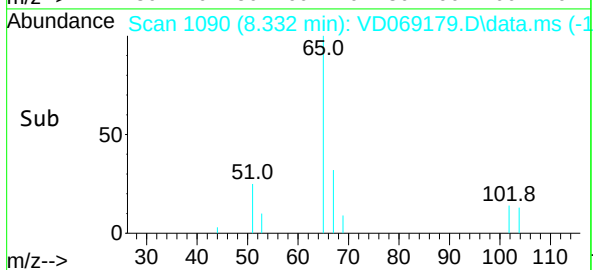
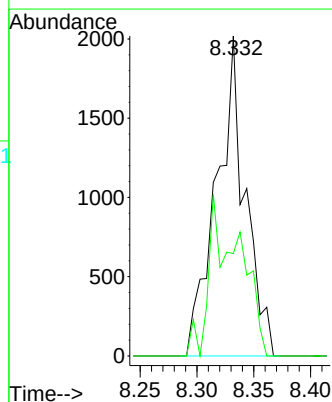
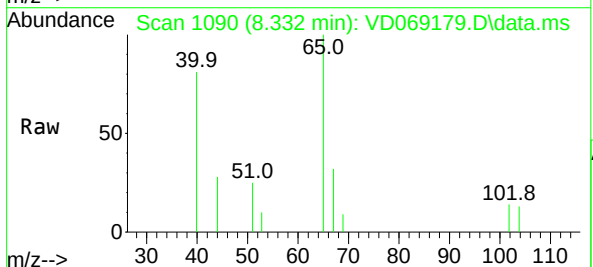
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

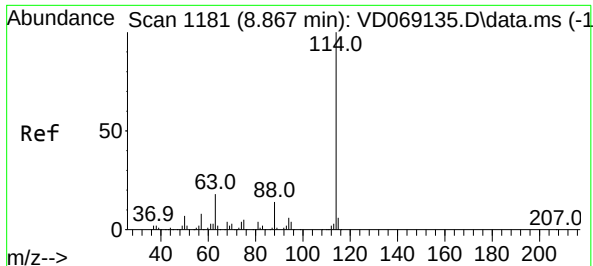
Tgt Ion:168 Resp: 3124
Ion Ratio Lower Upper
168 100
99 41.0 47.2 70.8#



#33
1,2-Dichloroethane-d4
Concen: 113.61 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 65 Resp: 3558
Ion Ratio Lower Upper
65 100
67 34.0 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD069179.D

Acq: 14 May 2021 16:22

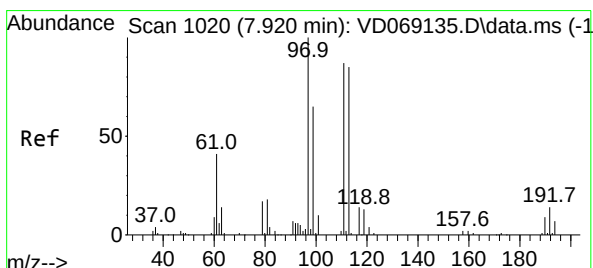
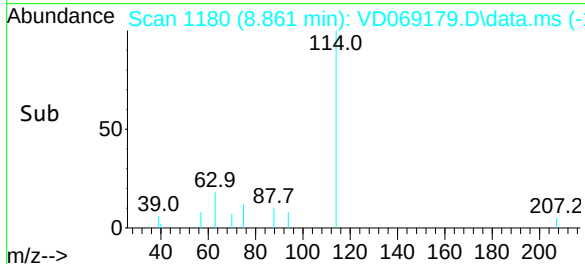
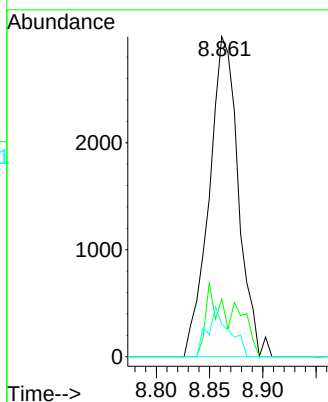
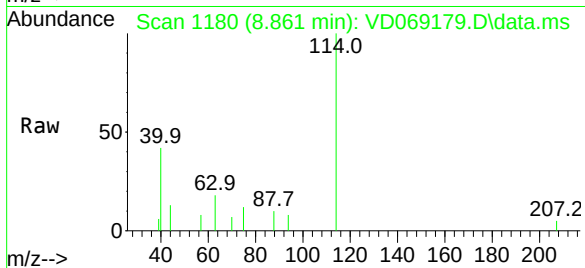
Instrument :

MSVOA_D

ClientSampleId :

SB-08-3.5-4.0

Tgt Ion:114	Resp:	5712
Ion Ratio	Lower	Upper
114	100	
63	18.0	0.0 36.4
88	10.1	0.0 28.2



#35

Dibromofluoromethane

Concen: 56.84 ug/l

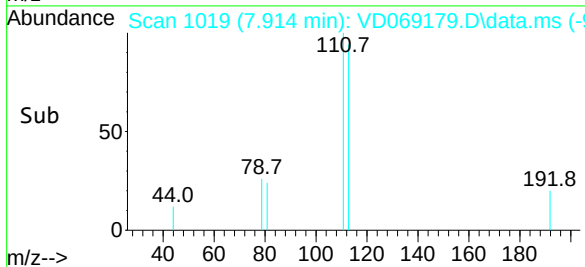
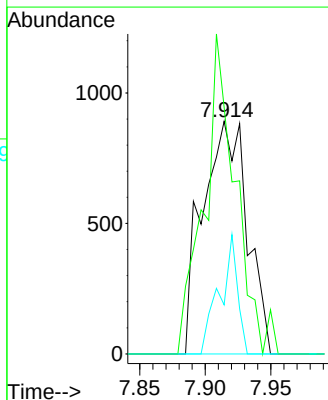
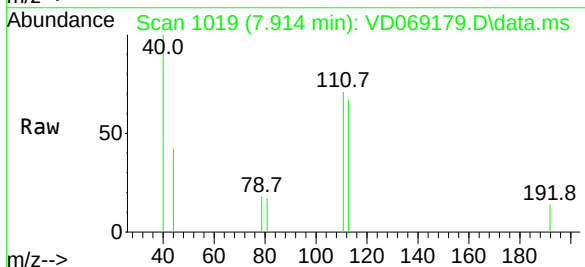
RT: 7.914 min Scan# 1019

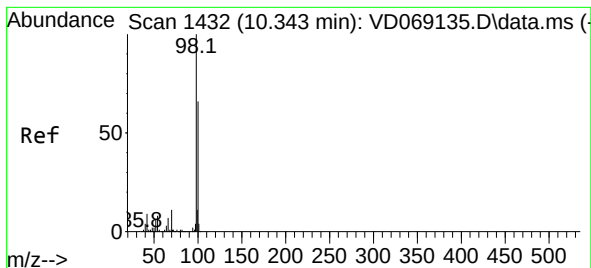
Delta R.T. -0.005 min

Lab File: VD069179.D

Acq: 14 May 2021 16:22

Tgt Ion:113	Resp:	2113
Ion Ratio	Lower	Upper
113	100	
111	97.2	80.6 120.8
192	20.4	14.8 22.2

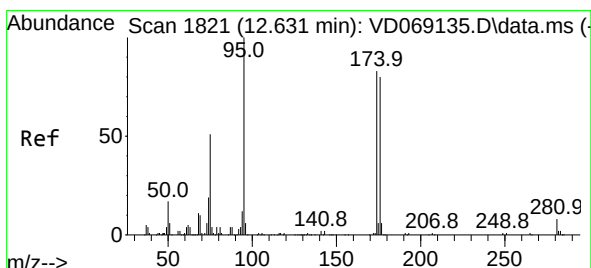
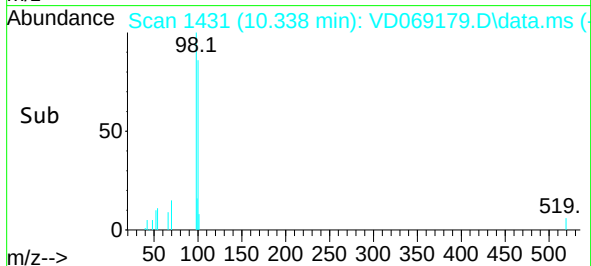
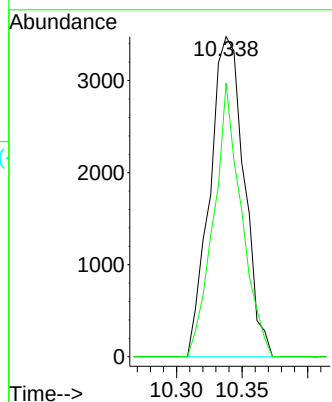
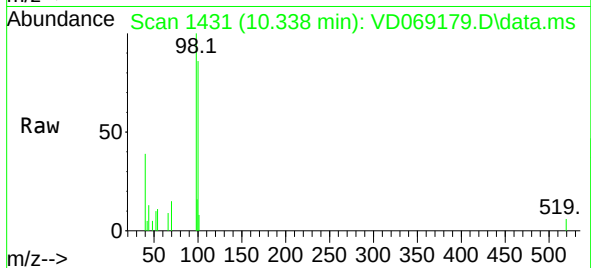




#50
Toluene-d8
Concen: 46.21 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

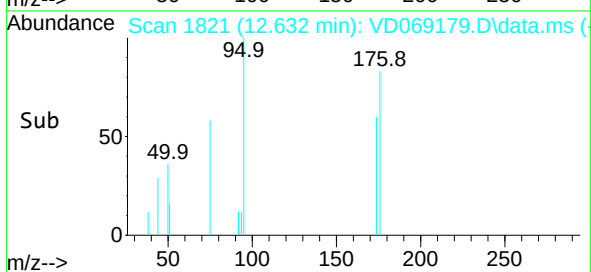
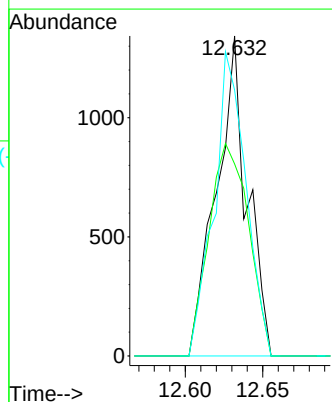
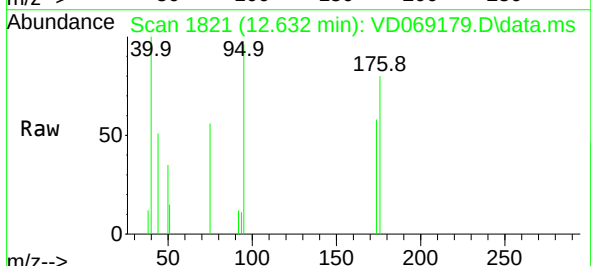
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

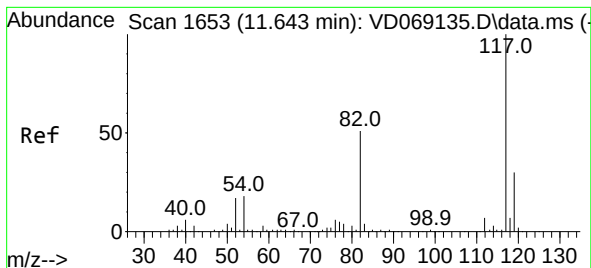
Tgt Ion: 98 Resp: 6312
Ion Ratio Lower Upper
98 100
100 69.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 42.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 95 Resp: 1851
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.8
176 99.0 0.0 165.4

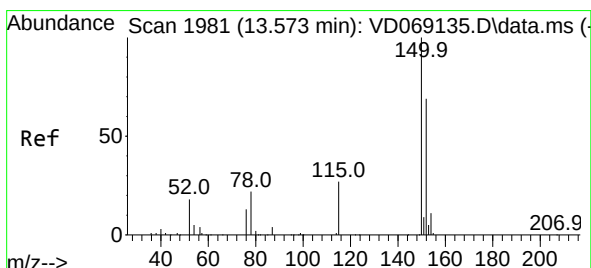
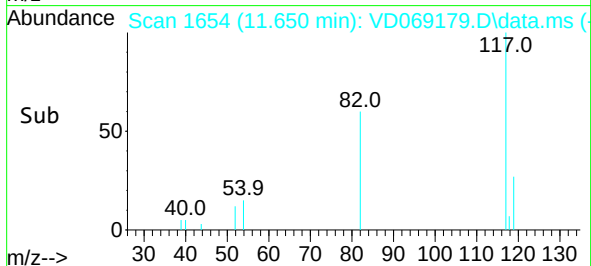
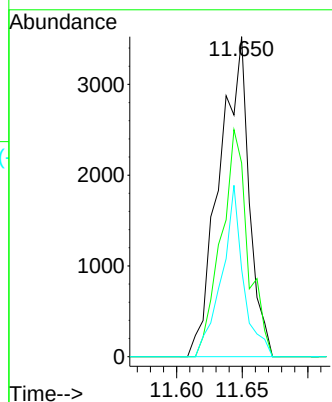
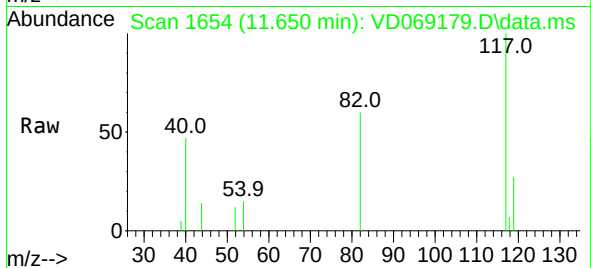




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

Tgt Ion:117 Resp: 5573
Ion Ratio Lower Upper
117 100
82 60.5 40.5 60.7
119 27.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.011 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion:152 Resp: 1853
Ion Ratio Lower Upper
152 100
115 73.8 29.9 89.8
150 178.1 0.0 350.2

