

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069245.D
 Acq On : 21 May 2021 18:24
 Operator : VA/SY
 Sample : M2472-11RE
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-938-940RE

Quant Time: May 22 00:36:08 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)

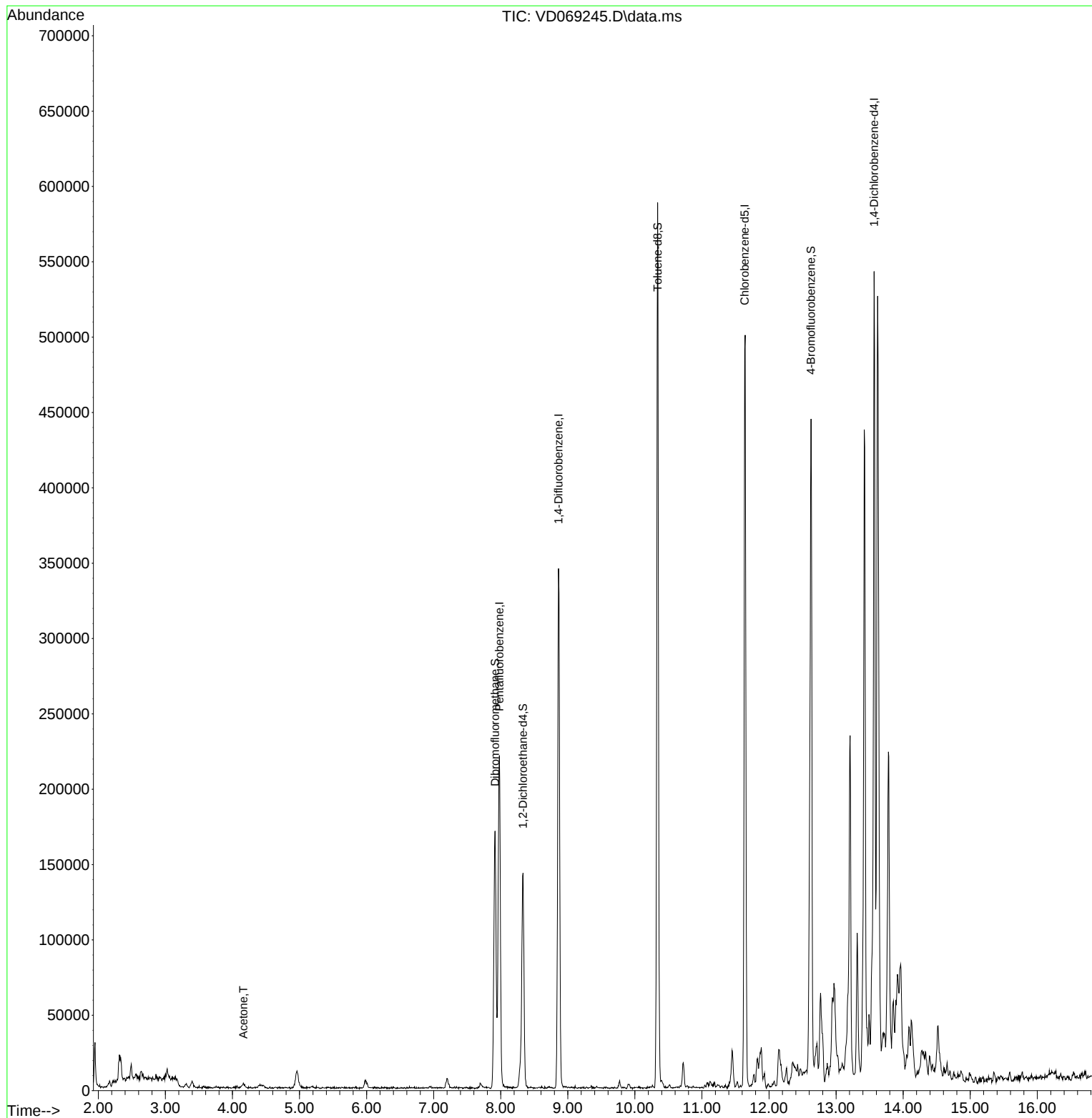
Internal Standards						
1) Pentafluorobenzene	7.979	168	160119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	294338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	303145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	133755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112981	70.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.76%
35) Dibromofluoromethane	7.914	113	118092	61.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.30%
50) Toluene-d8	10.338	98	391971	55.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.38%
62) 4-Bromofluorobenzene	12.626	95	136954	60.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.94%
Target Compounds						Qvalue
16) Acetone	4.162	43	5026	20.44	ug/l #	85

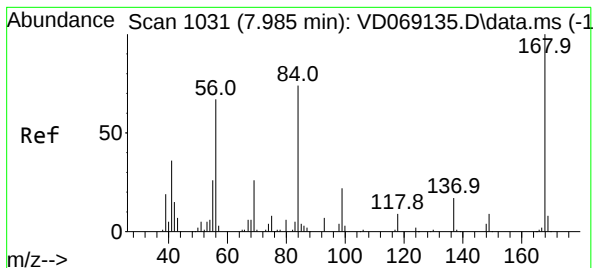
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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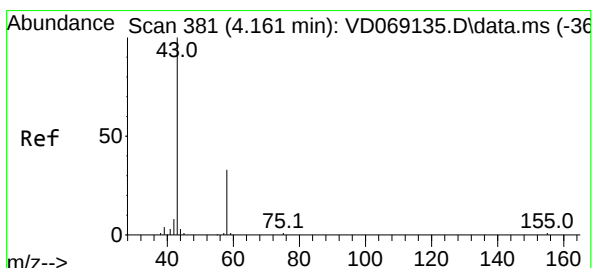
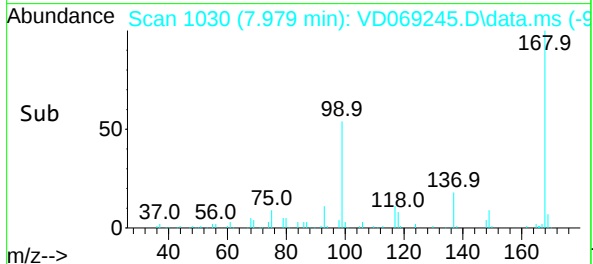
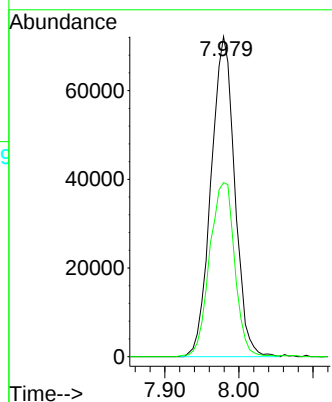
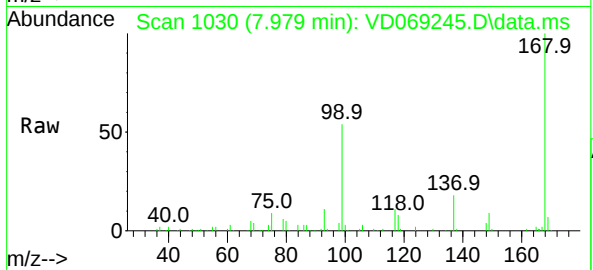




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

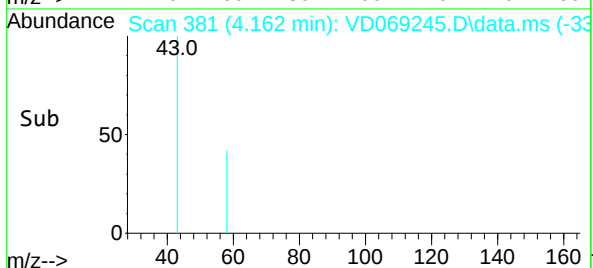
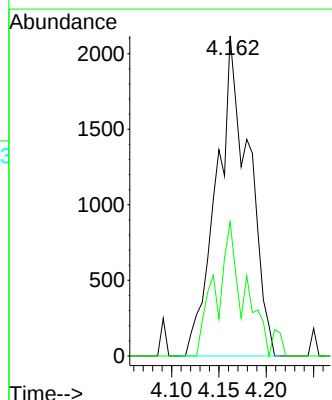
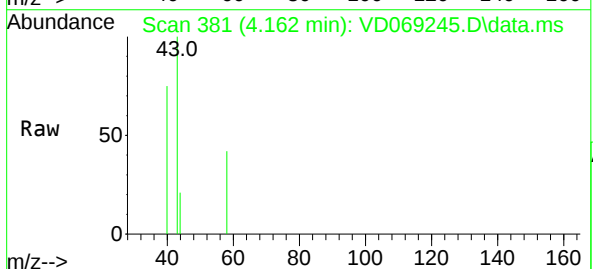
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940RE

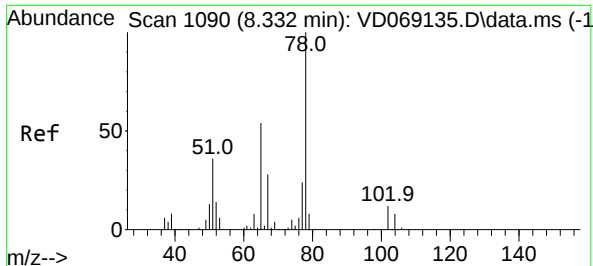
Tgt Ion:168 Resp: 160119
Ion Ratio Lower Upper
168 100
99 54.2 47.2 70.8



#16
Acetone
Concen: 20.44 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

Tgt Ion: 43 Resp: 5026
Ion Ratio Lower Upper
43 100
58 41.9 26.7 40.1#



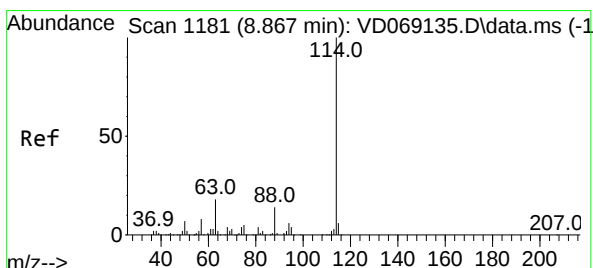
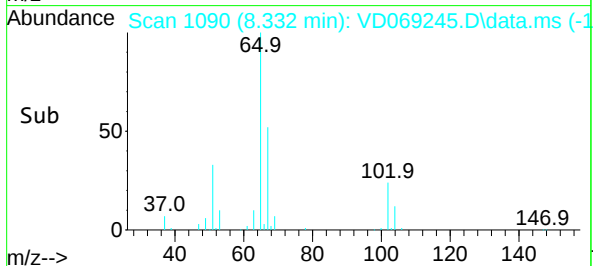
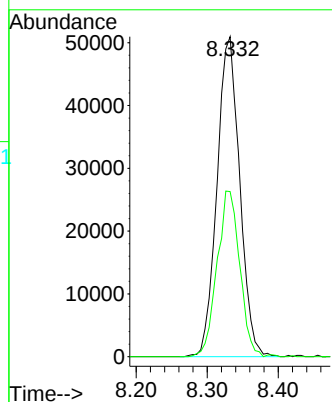
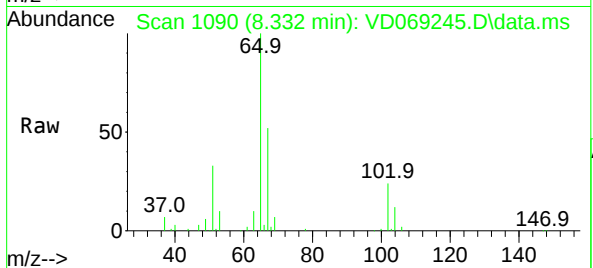


#33

1,2-Dichloroethane-d4
Concen: 70.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940RE

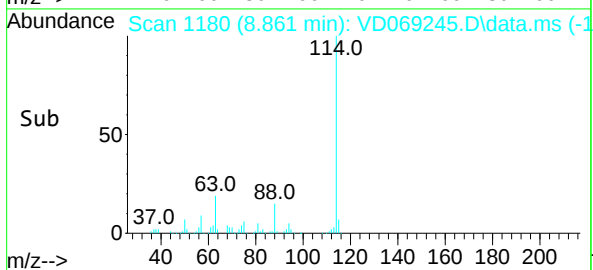
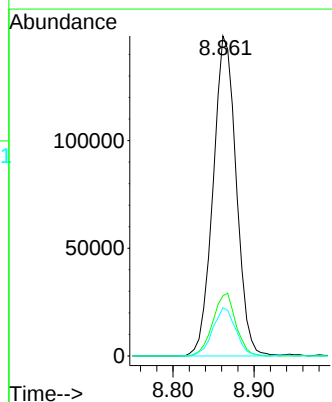
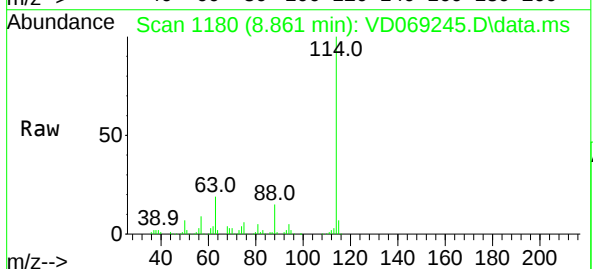
Tgt Ion: 65 Resp: 112981
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.0

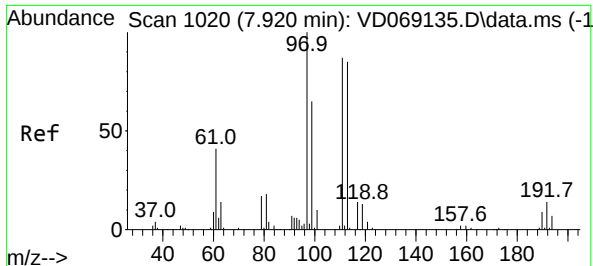


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

Tgt Ion: 114 Resp: 294338
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.4
88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 61.65 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069245.D

Acq: 21 May 2021 18:24

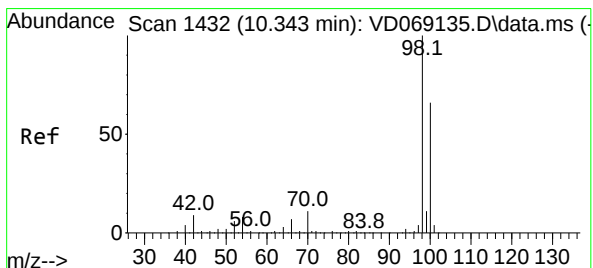
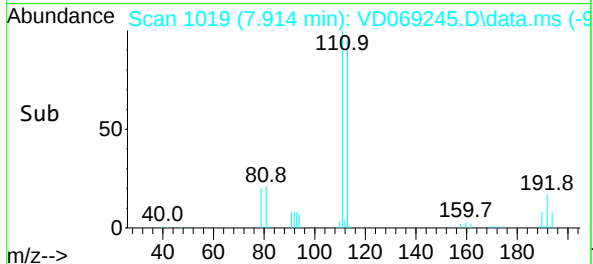
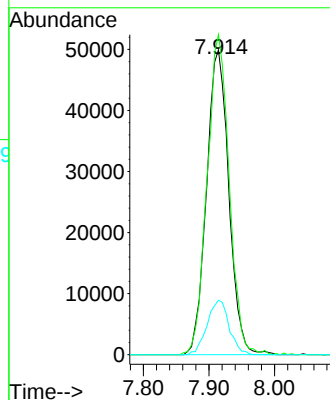
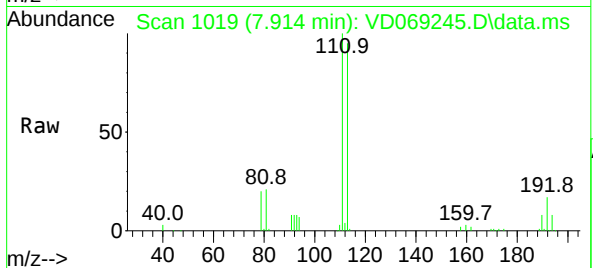
Tgt Ion:113 Resp: 118092

Ion Ratio Lower Upper

113 100

111 104.1 80.6 120.8

192 17.6 14.8 22.2



#50

Toluene-d8

Concen: 55.69 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD069245.D

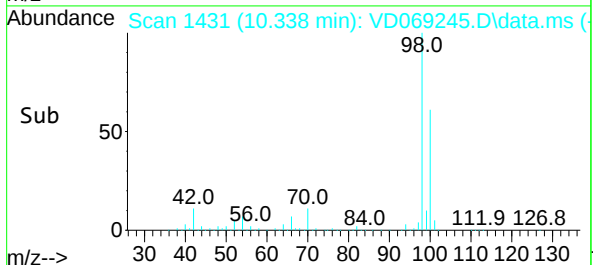
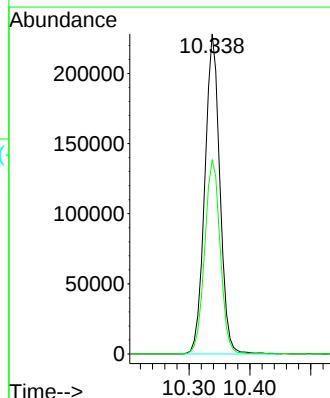
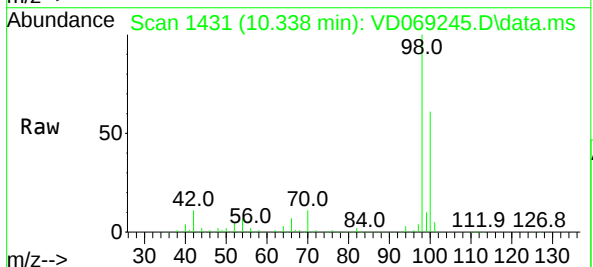
Acq: 21 May 2021 18:24

Tgt Ion: 98 Resp: 391971

Ion Ratio Lower Upper

98 100

100 62.5 51.8 77.8

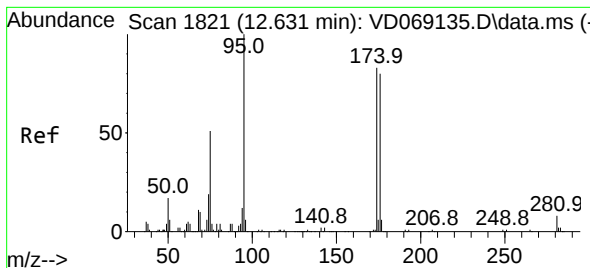


Instrument :

MSVOA_D

ClientSampleId :

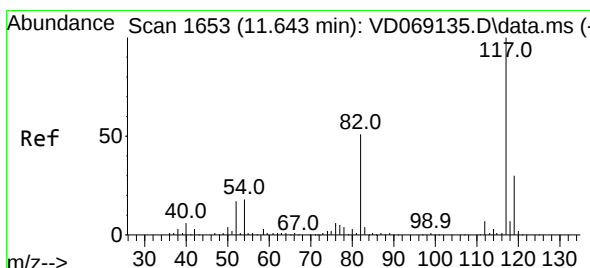
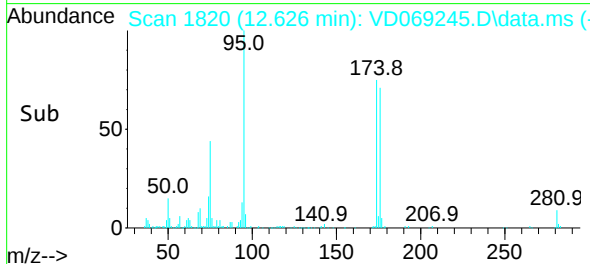
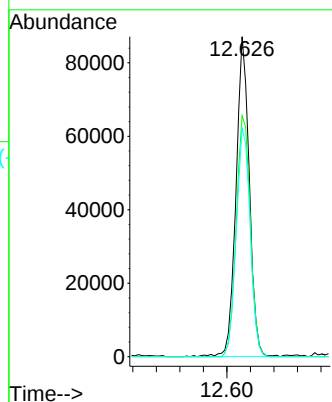
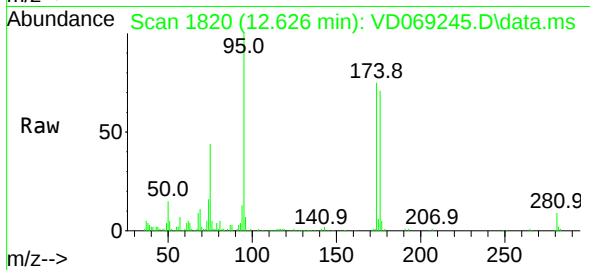
BP-VPB-RW8-GW-938-940RE



#62
4-Bromofluorobenzene
Concen: 60.47 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

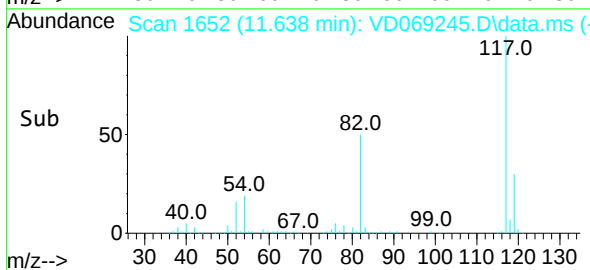
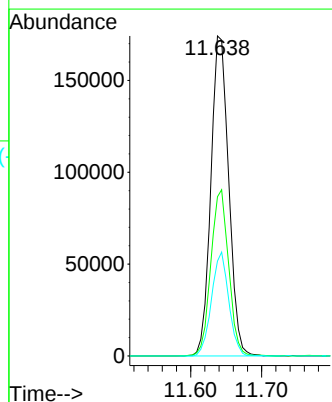
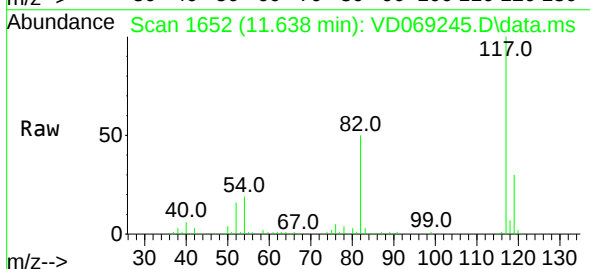
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940RE

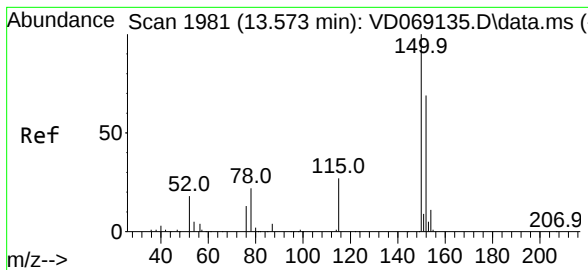
Tgt Ion: 95 Resp: 136954
Ion Ratio Lower Upper
95 100
174 79.5 0.0 171.8
176 74.7 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.005 min
Lab File: VD069245.D
Acq: 21 May 2021 18:24

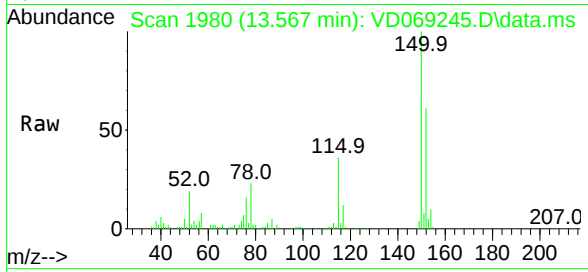
Tgt Ion: 117 Resp: 303145
Ion Ratio Lower Upper
117 100
82 49.7 40.5 60.7
119 29.6 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.005 min
 Lab File: VD069245.D
 Acq: 21 May 2021 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-938-940RE



Tgt Ion:152 Resp: 133755
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.9 89.8
 150 155.3 0.0 350.2

