

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068462.D
 Acq On : 26 Feb 2021 17:53
 Operator : VA/SY
 Sample : M1491-01RE
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-022521RE

Quant Time: Feb 26 21:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

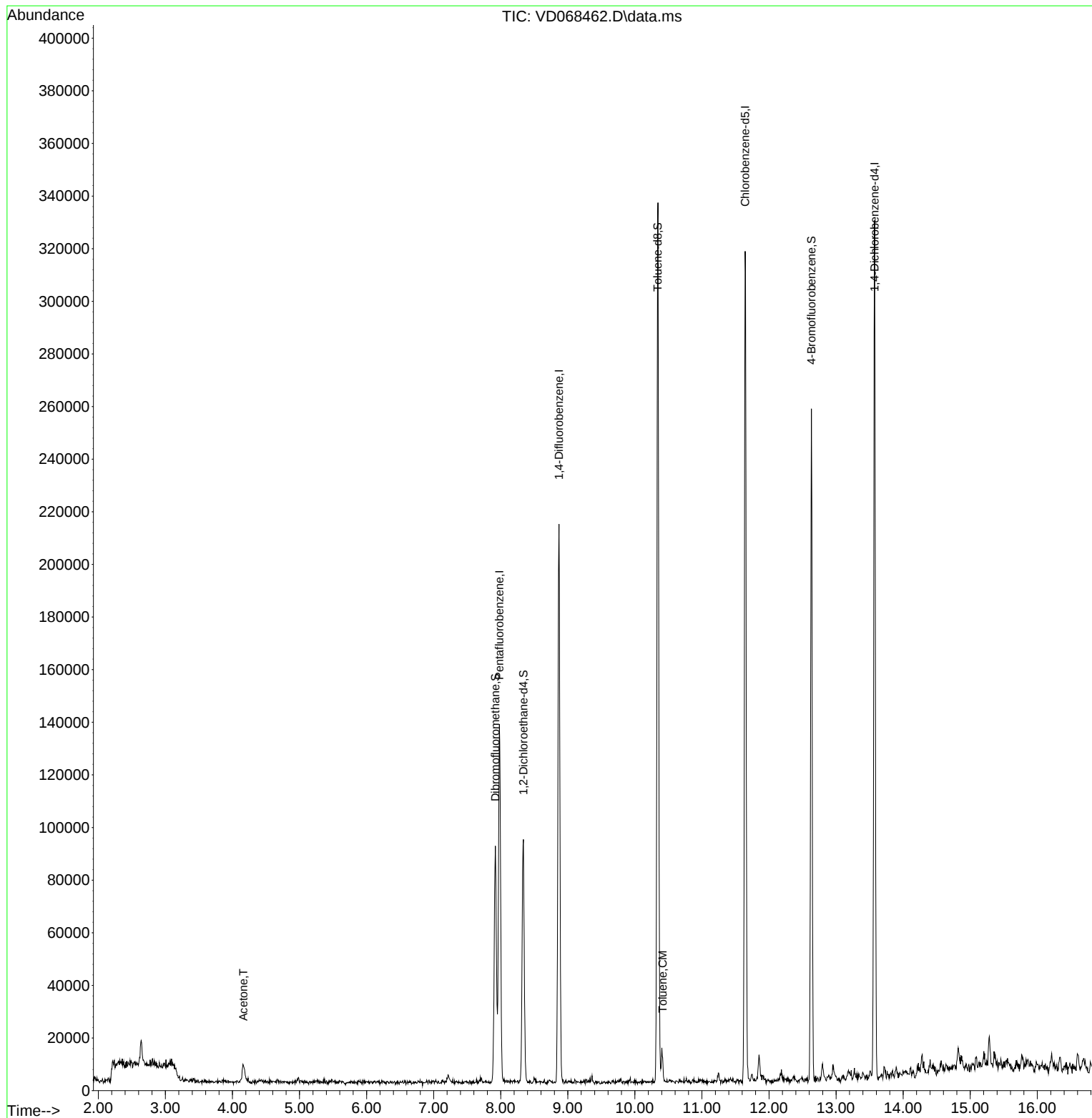
Internal Standards						
1) Pentafluorobenzene	7.979	168	100461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	190873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	192977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	85913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	72889	72.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.24%			
35) Dibromofluoromethane	7.920	113	64215	55.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.70%			
50) Toluene-d8	10.338	98	237520	51.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.632	95	83027	56.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.50%			
Target Compounds						Qvalue
16) Acetone	4.162	43	12198	76.51	ug/l	99
52) Toluene	10.414	92	5045	1.52	ug/l	97

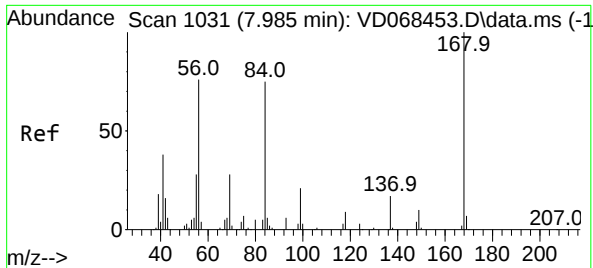
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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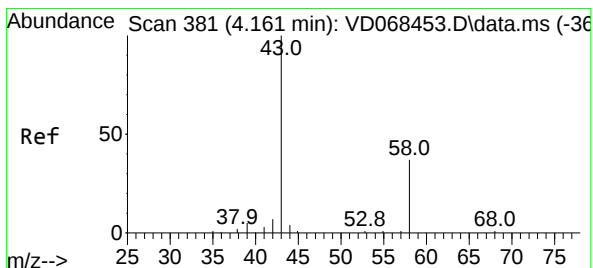
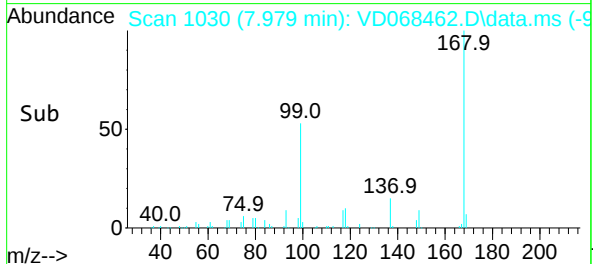
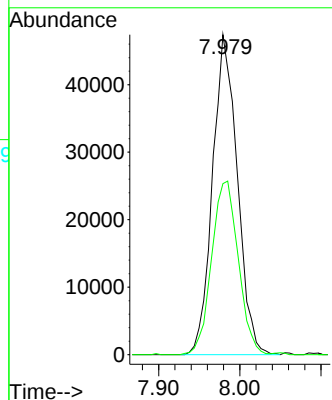
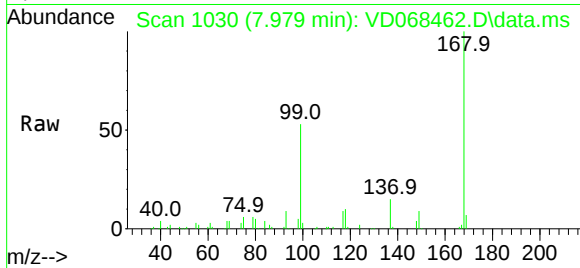




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

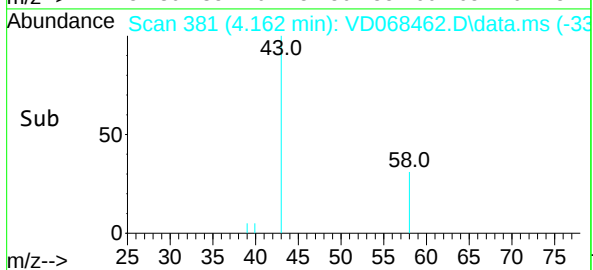
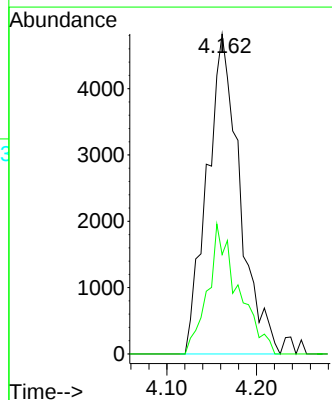
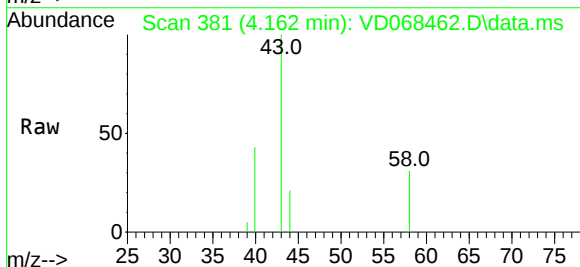
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

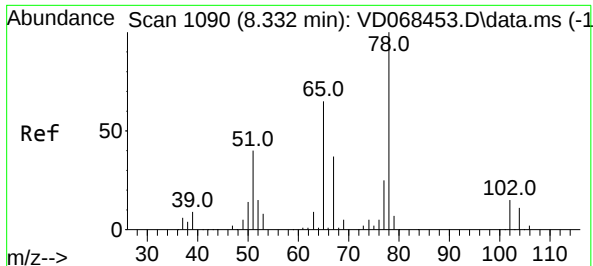
Tgt Ion:168 Resp: 100461
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#16
Acetone
Concen: 76.51 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 43 Resp: 12198
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4

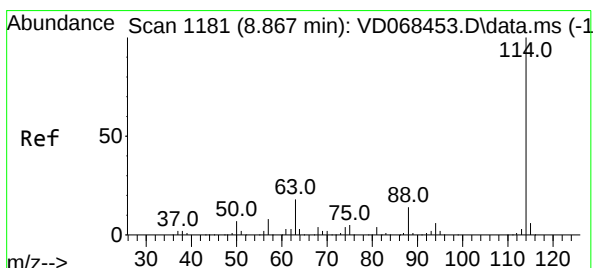
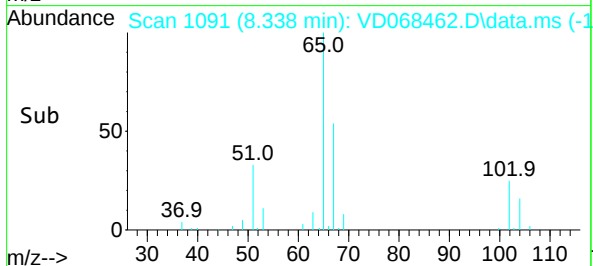
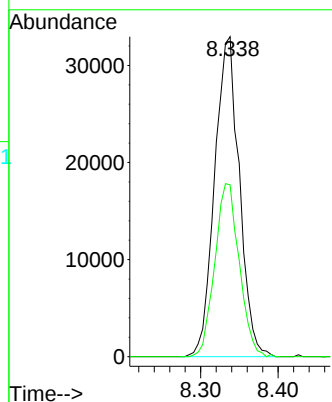
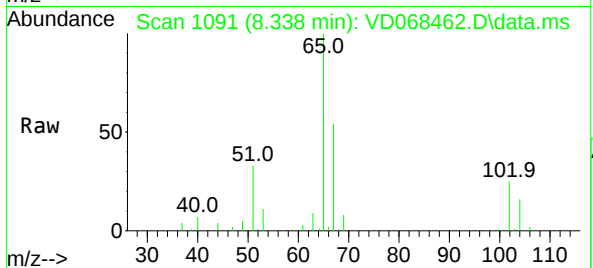




#33
1,2-Dichloroethane-d4
Concen: 72.62 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

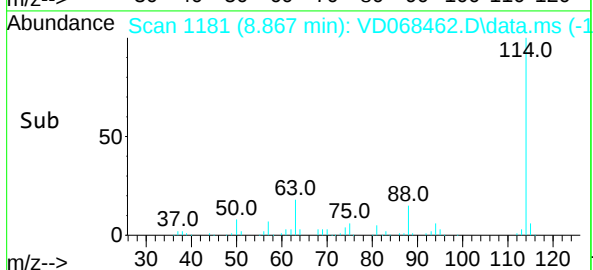
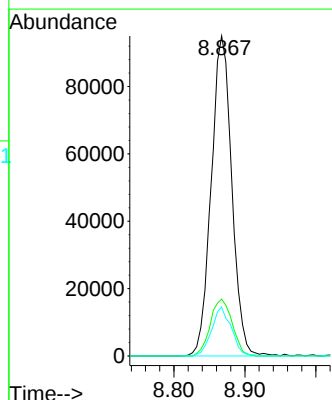
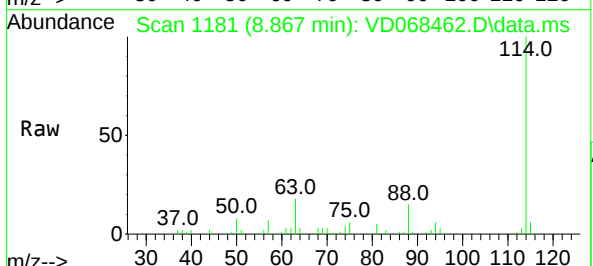
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

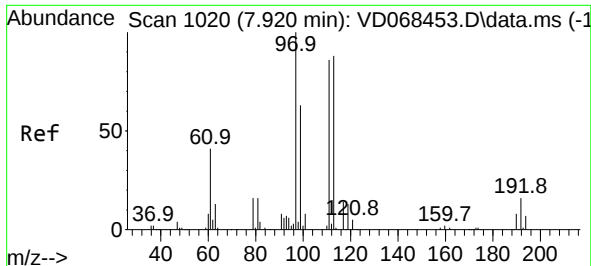
Tgt Ion: 65 Resp: 72889
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 114 Resp: 190873
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.85 ug/l

RT: 7.920 min Scan# 1020

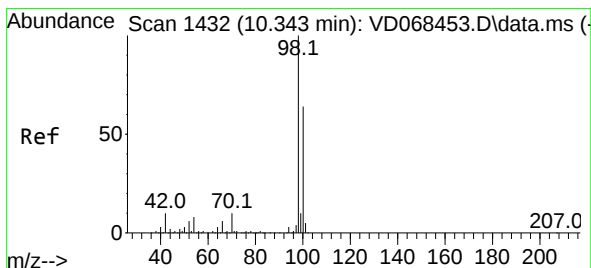
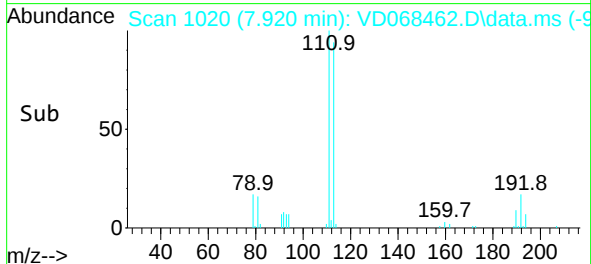
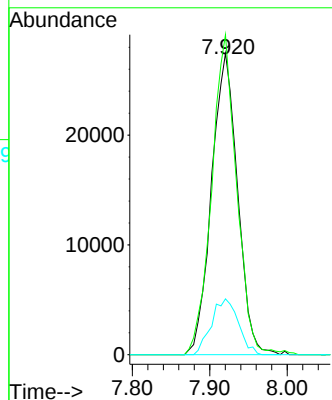
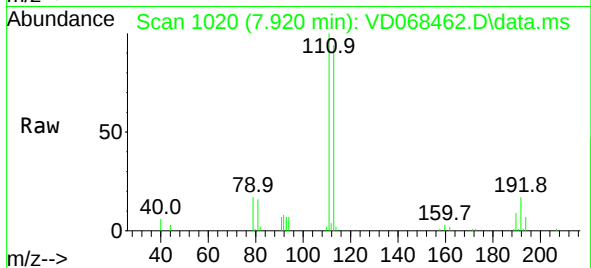
Delta R.T. 0.000 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

Tgt Ion:	113	Resp:	64215
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	19.2	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE



#50

Toluene-d8

Concen: 51.86 ug/l

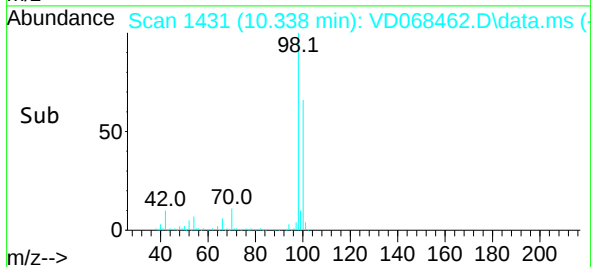
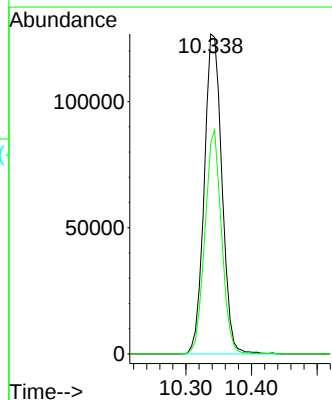
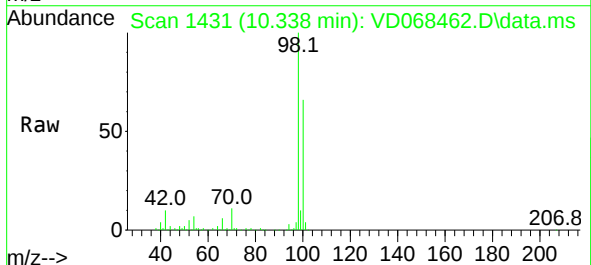
RT: 10.338 min Scan# 1431

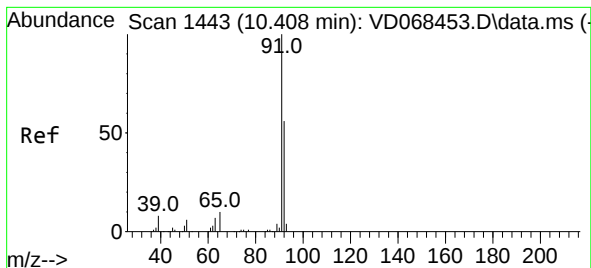
Delta R.T. -0.005 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

Tgt Ion:	98	Resp:	237520
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





#52

Toluene

Concen: 1.52 ug/l

RT: 10.414 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

Tgt Ion: 92 Resp: 5045

Ion Ratio Lower Upper

92 100

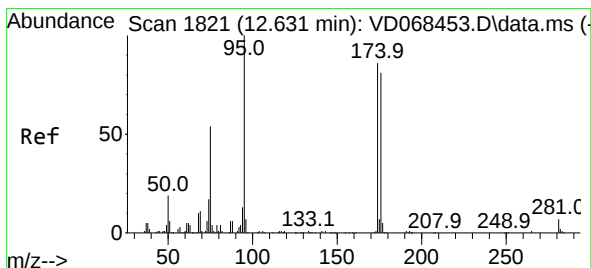
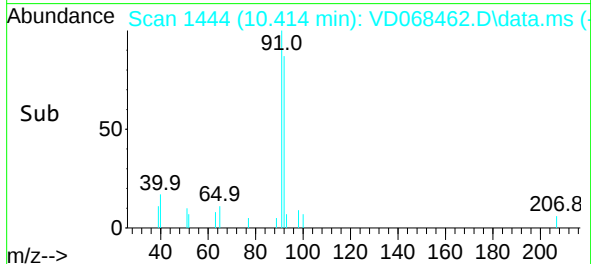
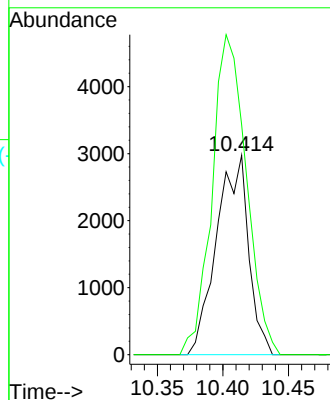
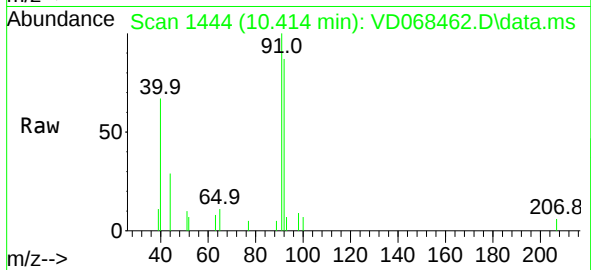
91 172.0 134.1 201.1

Instrument :

MSVOA_D

ClientSampleId :

SA-01-022521RE



#62

4-Bromofluorobenzene

Concen: 56.25 ug/l

RT: 12.632 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

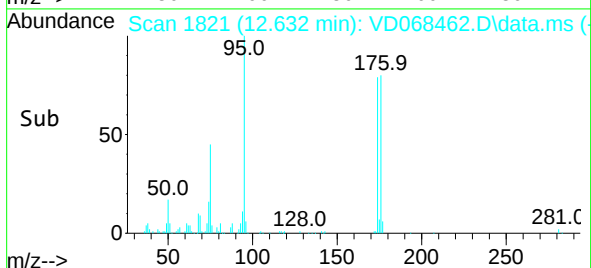
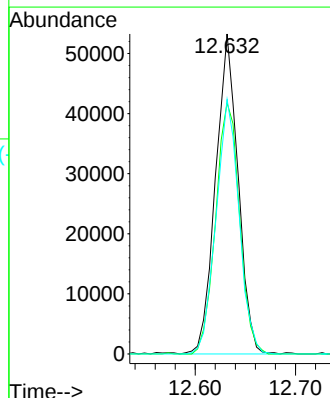
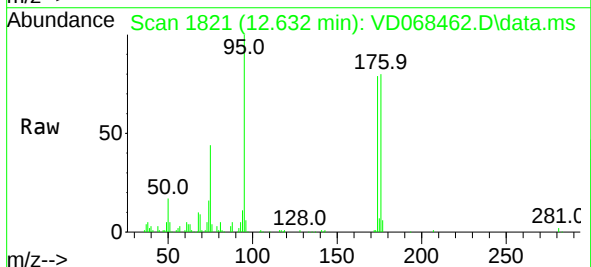
Tgt Ion: 95 Resp: 83027

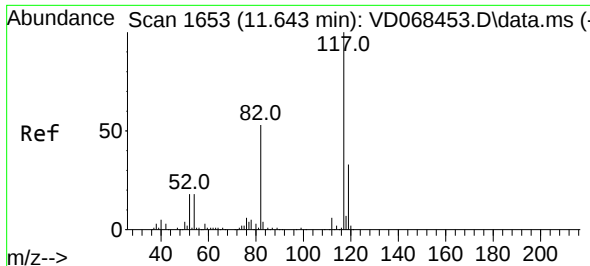
Ion Ratio Lower Upper

95 100

174 83.2 0.0 172.4

176 81.0 0.0 168.4

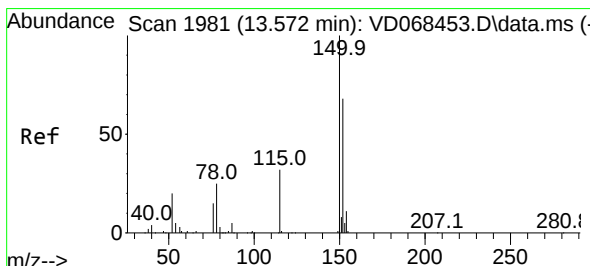
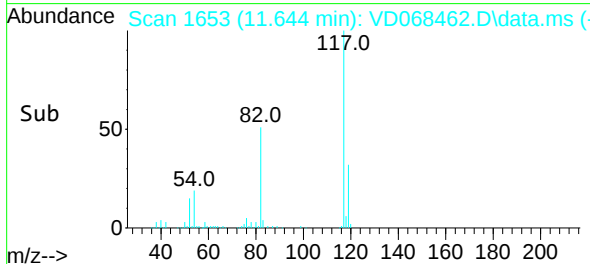
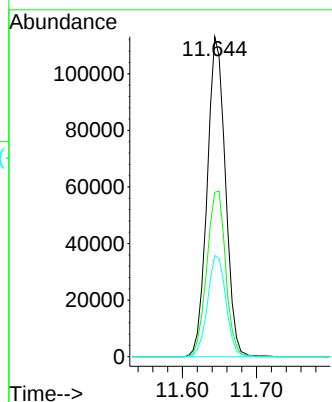
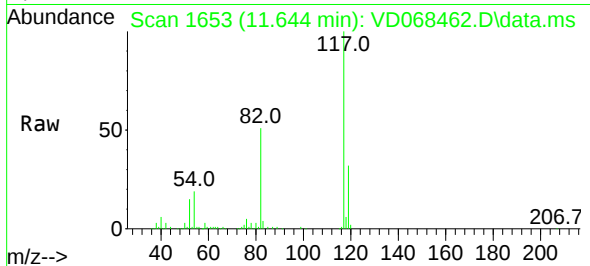




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

Tgt Ion:117 Resp: 192977
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion:152 Resp: 85913
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 160.4 0.0 344.4

