

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066618.D
 Acq On : 10 Sep 2020 16:10
 Operator : VA/SY
 Sample : L3951-02
 Misc : 3.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PC-1

Quant Time: Sep 11 02:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	344717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	652233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	619440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266505	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239242	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
35) Dibromofluoromethane	7.91	113	224185	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.34	98	796192	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.63	95	261942	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

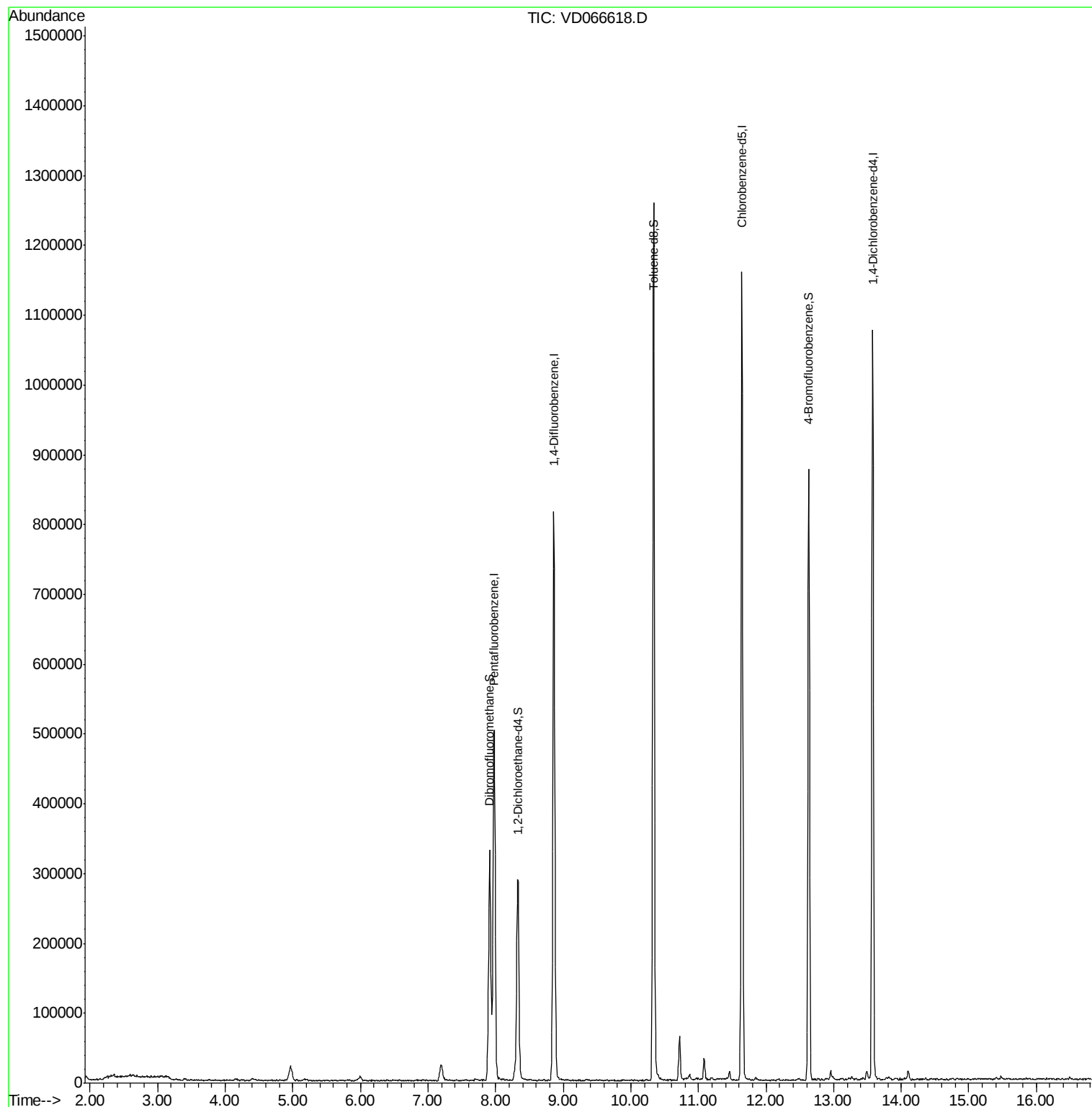
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066618.D

Acq: 10 Sep 2020 16:10

Instrument :

MSVOA_D

ClientSampled :

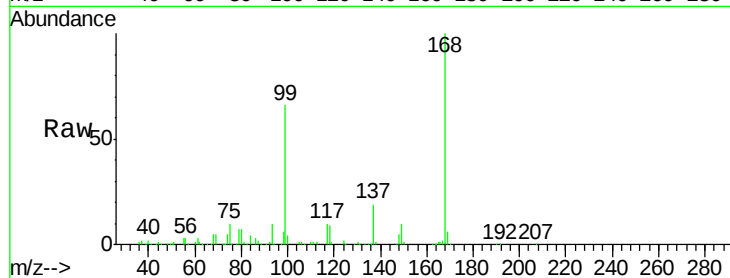
PC-1

Tot Ion:168 Resp: 344717

Ion Ratio Lower Upper

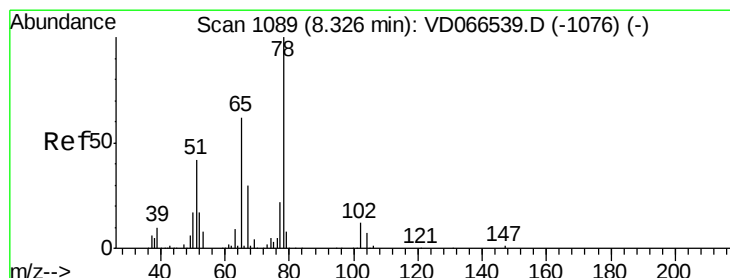
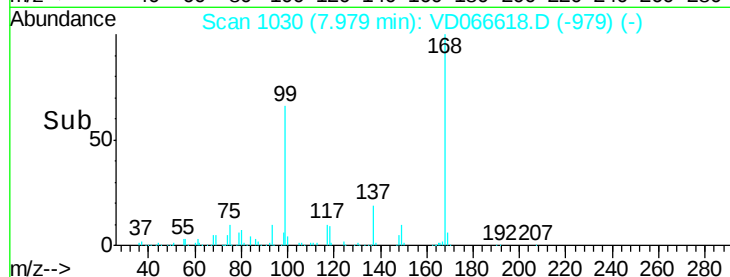
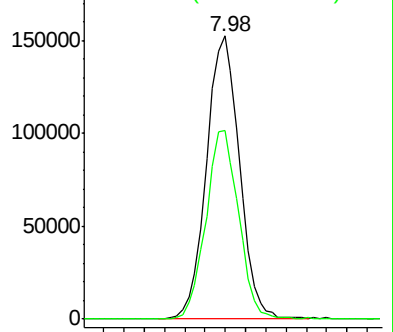
168 100

99 66.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.362 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066618.D

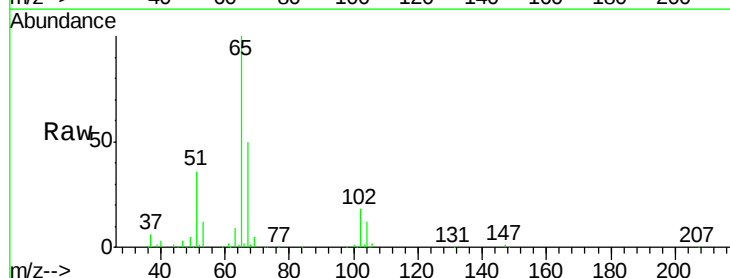
Acq: 10 Sep 2020 16:10

Tgt Ion: 65 Resp: 239242

Ion Ratio Lower Upper

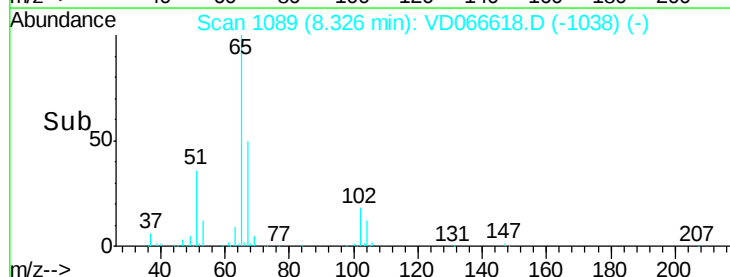
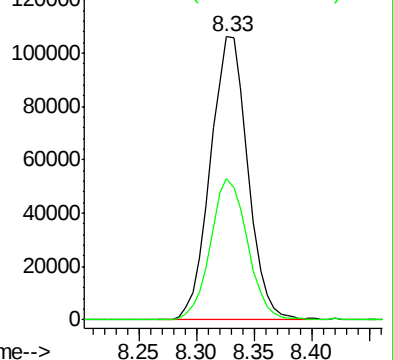
65 100

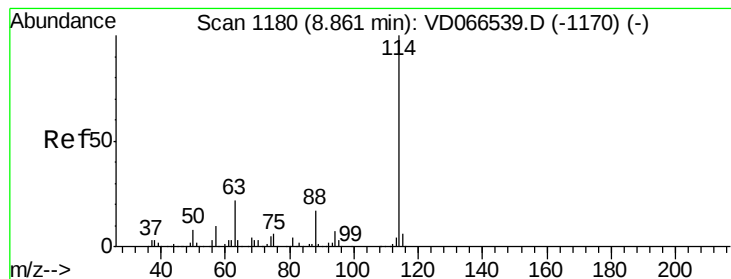
67 49.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066618.D

Acq: 10 Sep 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

PC-1

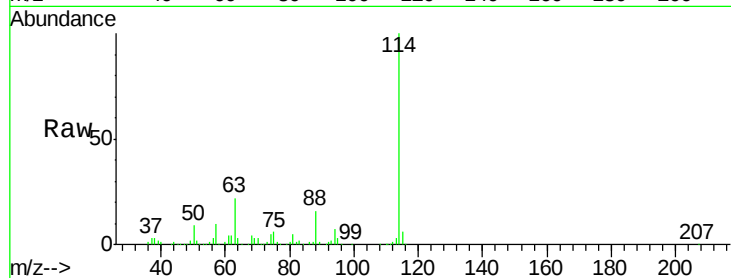
Tot Ion:114 Resp: 652233

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

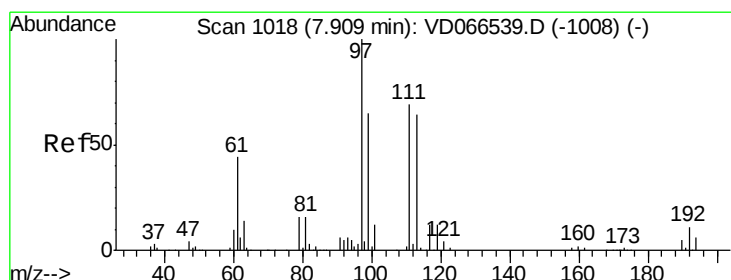
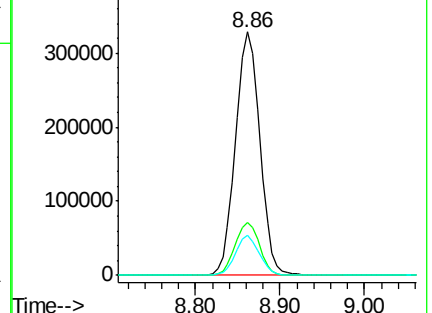
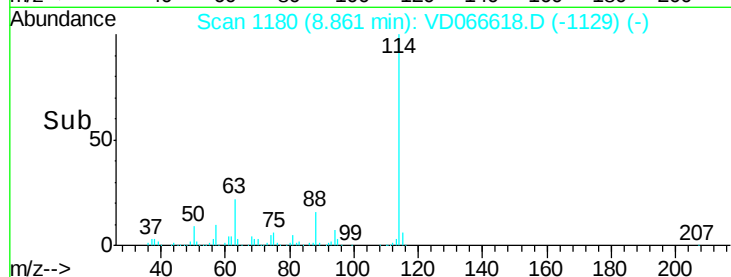
88 16.4 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.951 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066618.D

Acq: 10 Sep 2020 16:10

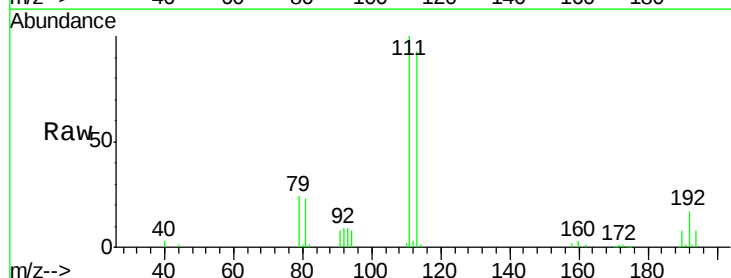
Tgt Ion:113 Resp: 224185

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

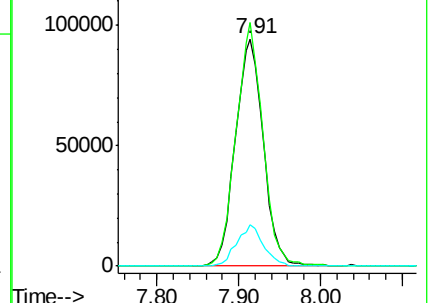
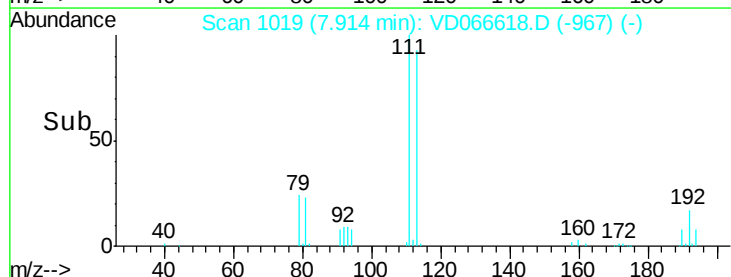
192 17.6 13.7 20.5

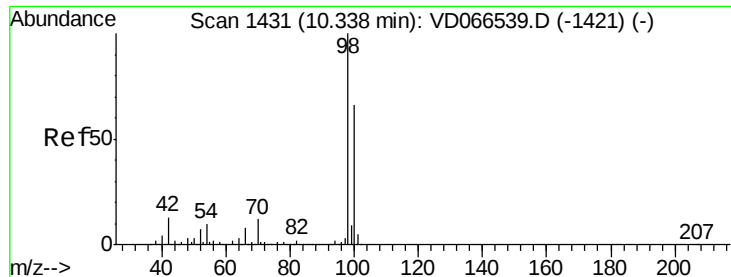


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.628 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066618.D

Acq: 10 Sep 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

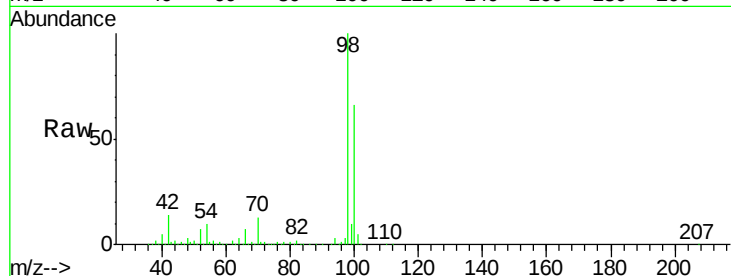
PC-1

Tot Ion: 98 Resp: 796192

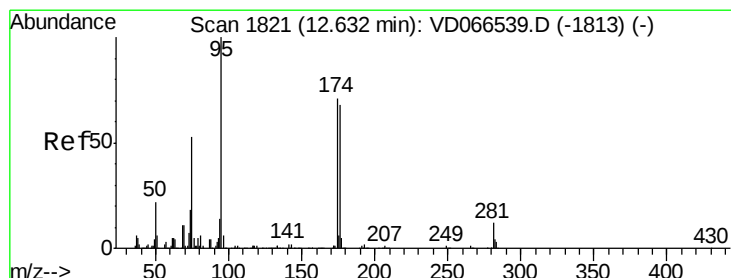
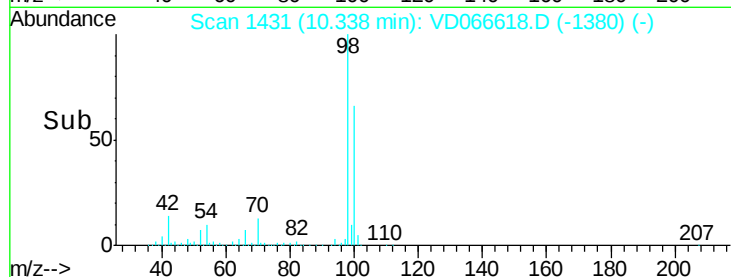
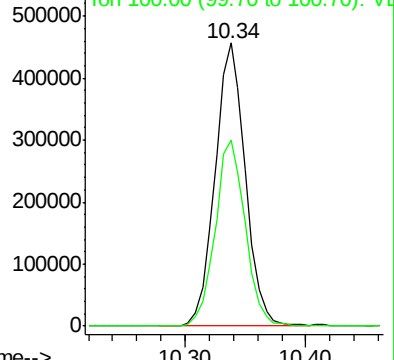
Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066618.D (-1380) (-)



#62

4-Bromofluorobenzene

Concen: 50.232 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066618.D

Acq: 10 Sep 2020 16:10

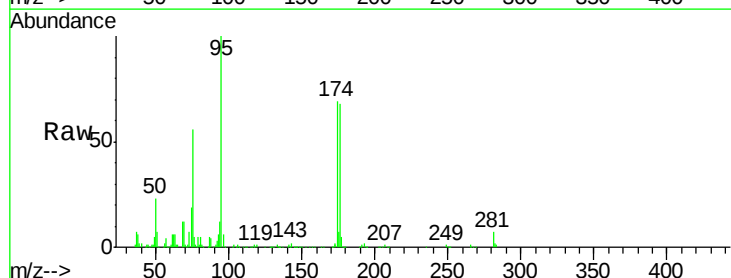
Tgt Ion: 95 Resp: 261942

Ion Ratio Lower Upper

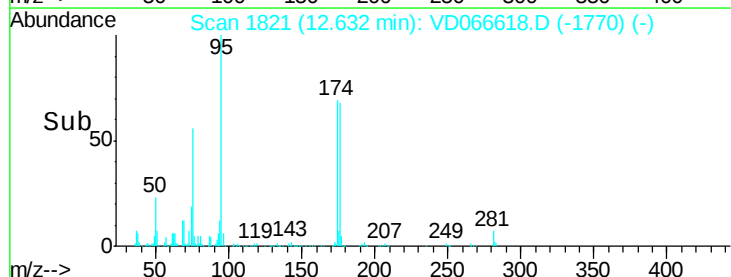
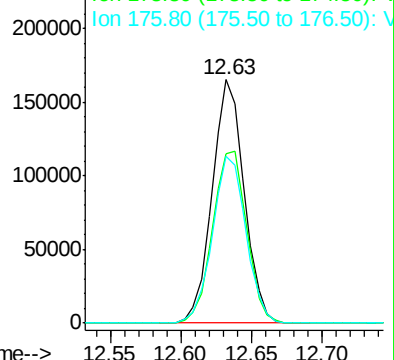
95 100

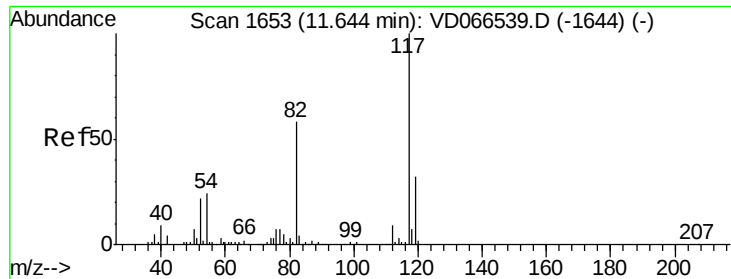
174 75.6 0.0 155.8

176 71.8 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066618.D (-1770) (-)

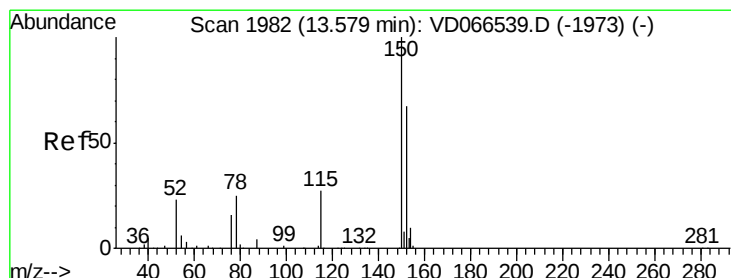
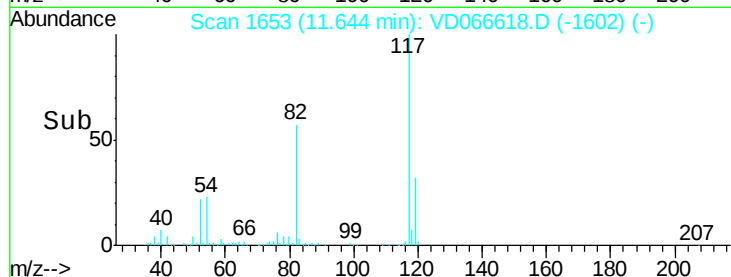
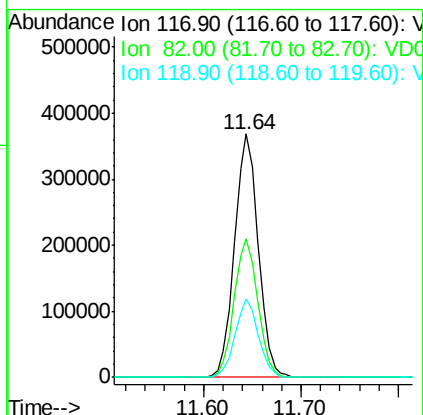
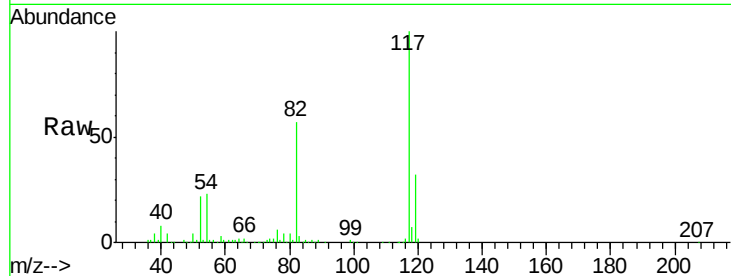




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066618.D
Acq: 10 Sep 2020 16:10

Instrument :
MSVOA_D
ClientSampled :
PC-1

Tot Ion:117 Resp: 619440
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066618.D
Acq: 10 Sep 2020 16:10

Tgt Ion:152 Resp: 266505
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.2
150 155.3 0.0 345.8

