

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065630.D
 Acq On : 13 Apr 2020 21:33
 Operator : VA/SY
 Sample : L2230-23
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-B

Quant Time: Apr 14 06:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

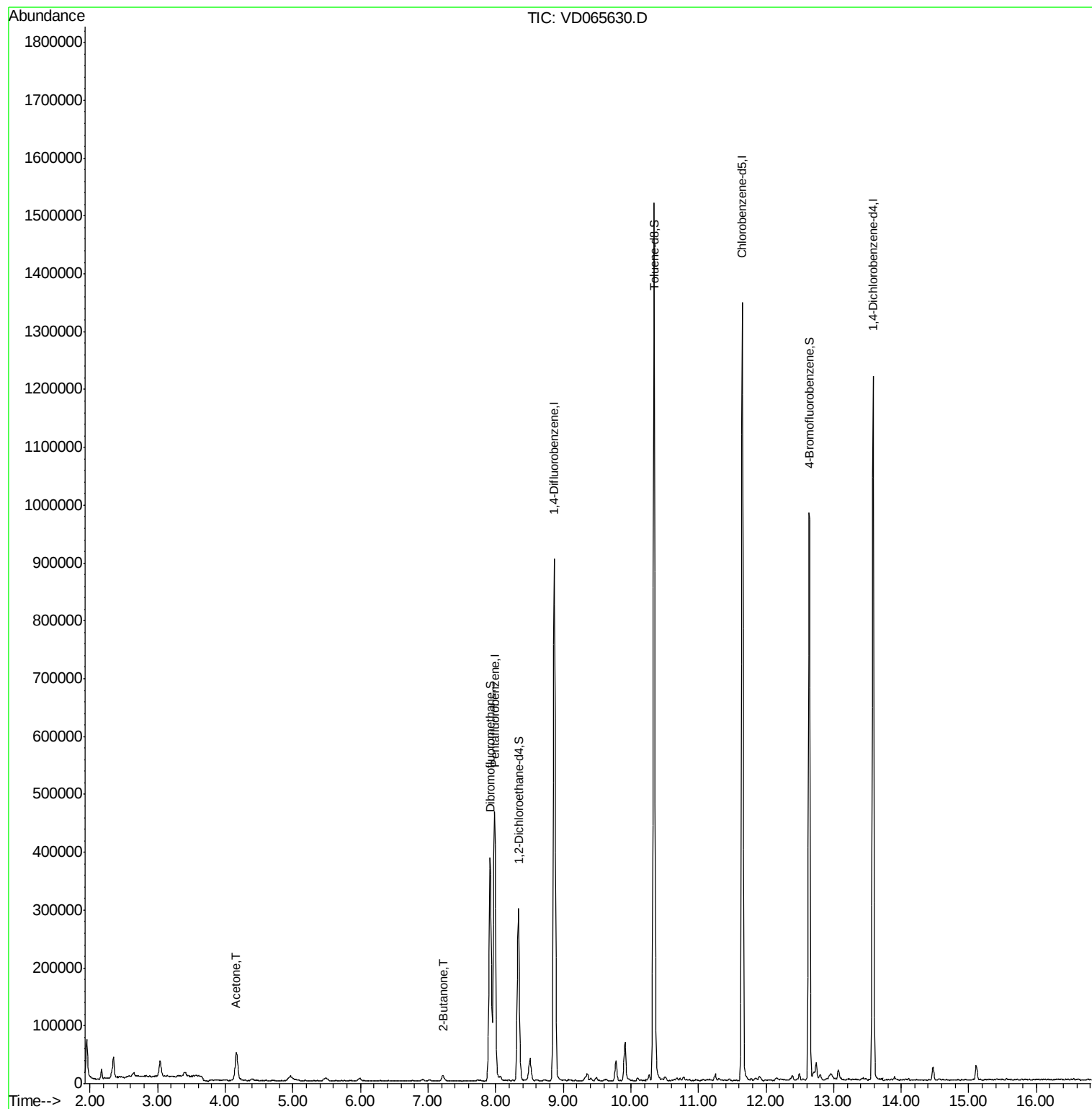
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	365563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	788728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	236924	68.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.06%	
35) Dibromofluoromethane	7.92	113	281134	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.34	98	997116	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.64	95	311952	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
16) Acetone	4.16	43	87892	140.783	ug/l #	89
25) 2-Butanone	7.23	43	10862	12.711	ug/l	96

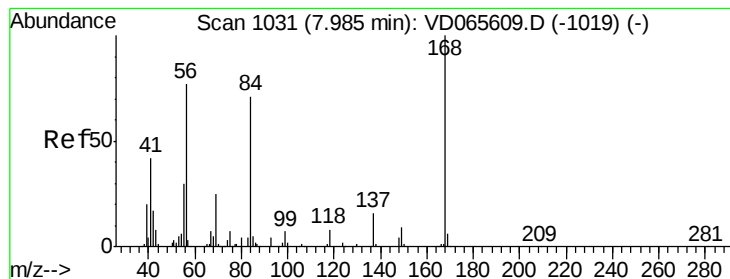
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065630.D

Acq: 13 Apr 2020 21:33

Instrument :

MSVOA_D

ClientSampleId :

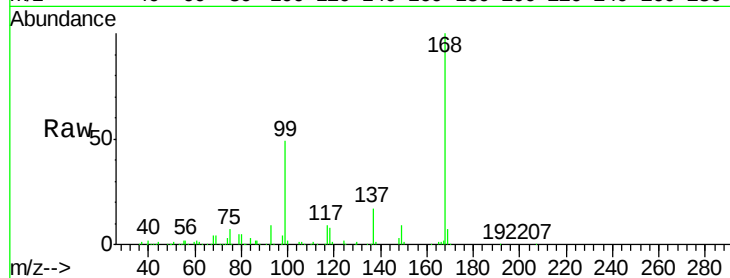
TP-12-B

Tot Ion:168 Resp: 365563

Ion Ratio Lower Upper

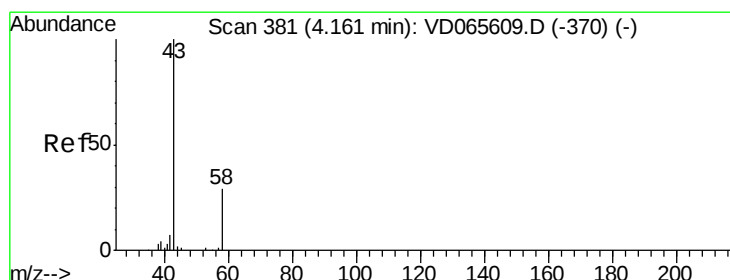
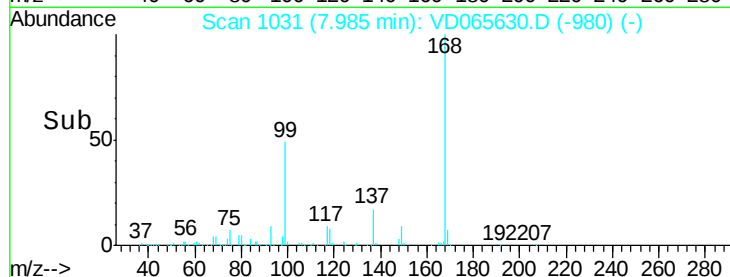
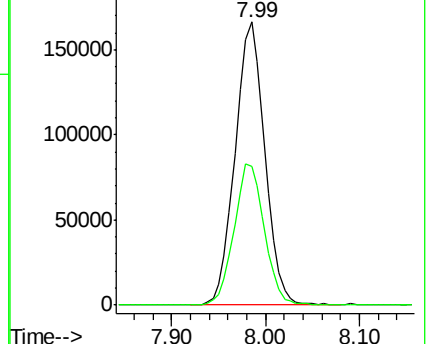
168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 140.783 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065630.D

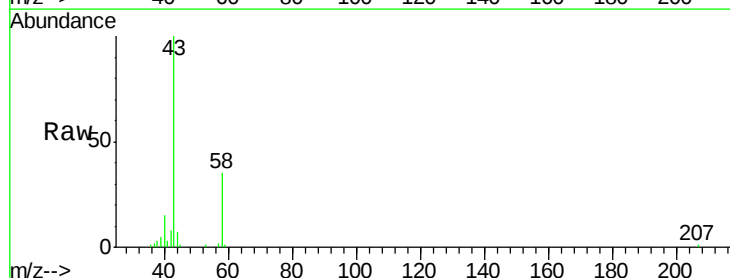
Acq: 13 Apr 2020 21:33

Tgt Ion: 43 Resp: 87892

Ion Ratio Lower Upper

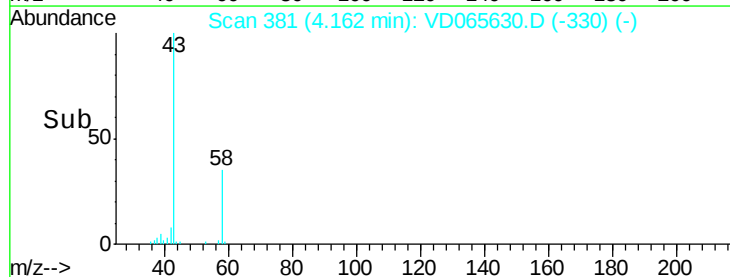
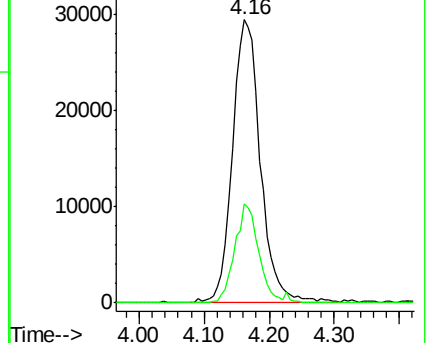
43 100

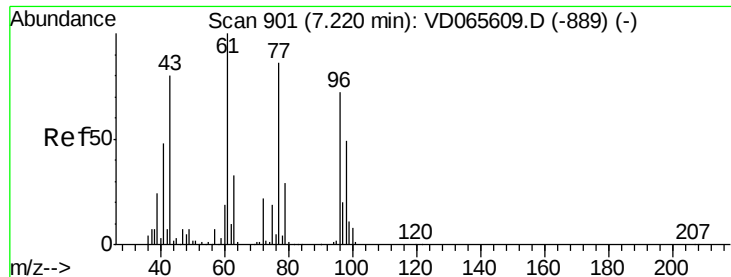
58 34.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 12.711 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065630.D

Acq: 13 Apr 2020 21:33

Instrument :

MSVOA_D

ClientSampleId :

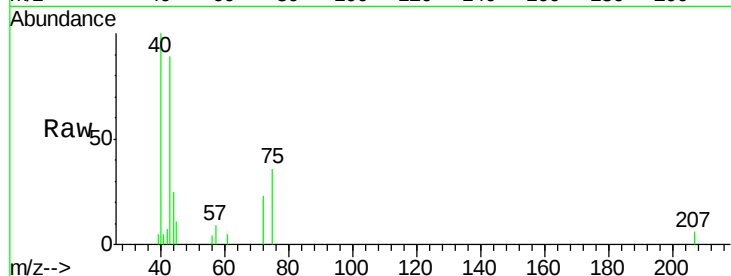
TP-12-B

Tot Ion: 43 Resp: 10862

Ion Ratio Lower Upper

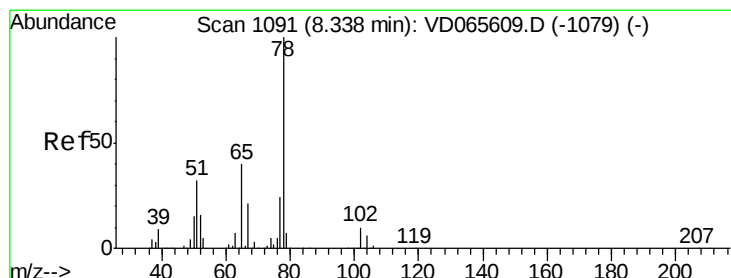
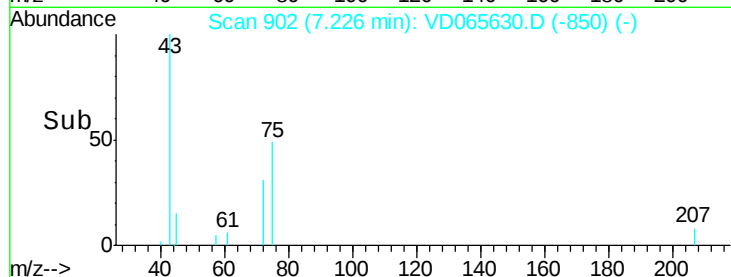
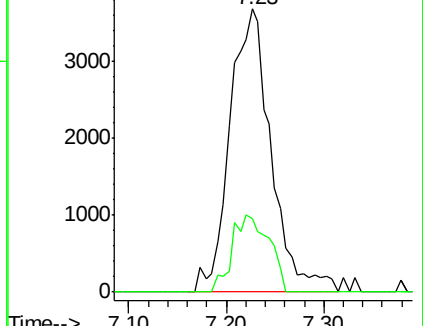
43 100

72 26.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 68.528 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065630.D

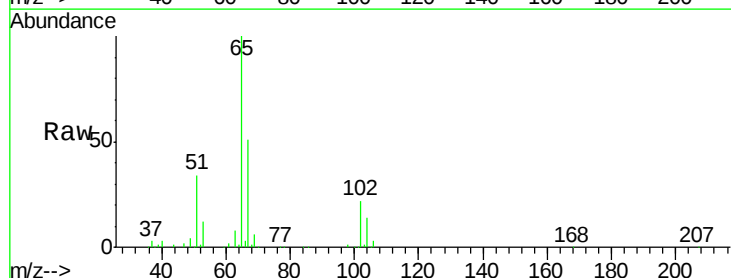
Acq: 13 Apr 2020 21:33

Tgt Ion: 65 Resp: 236924

Ion Ratio Lower Upper

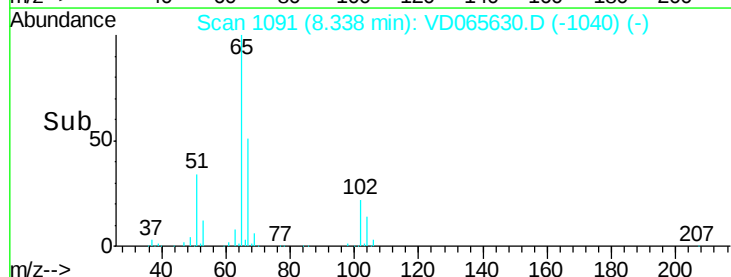
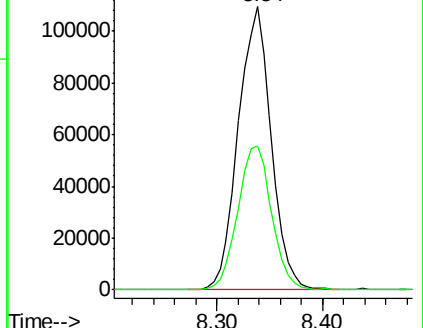
65 100

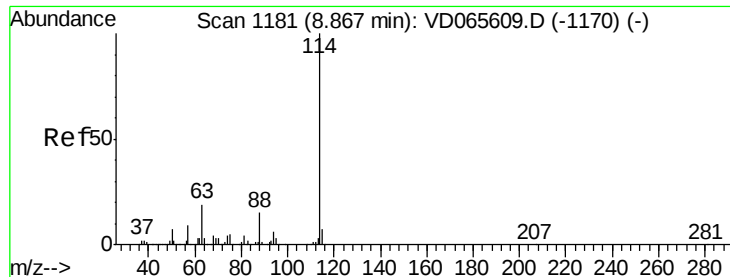
67 52.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

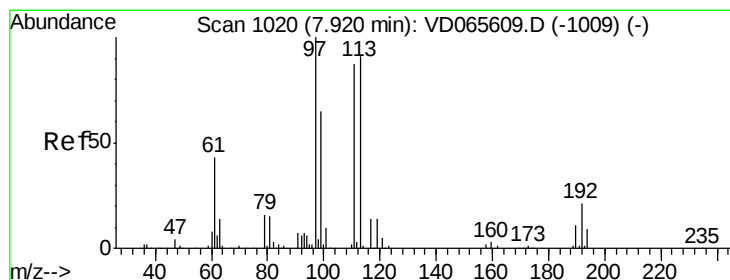
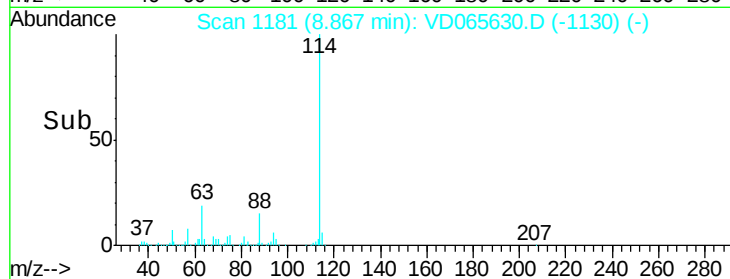
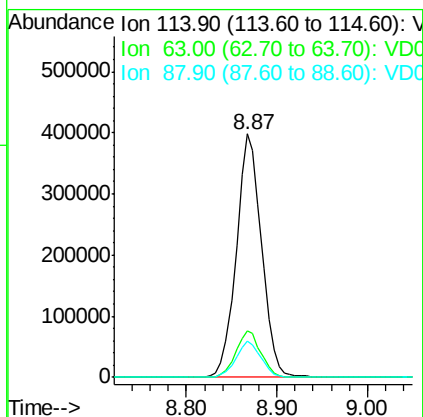
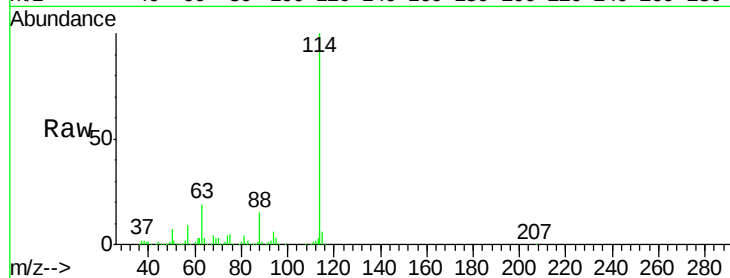




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065630.D
 Acq: 13 Apr 2020 21:33

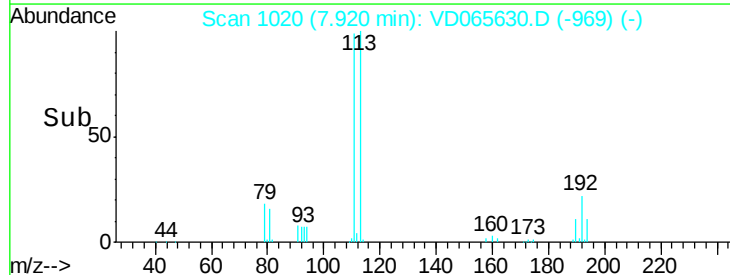
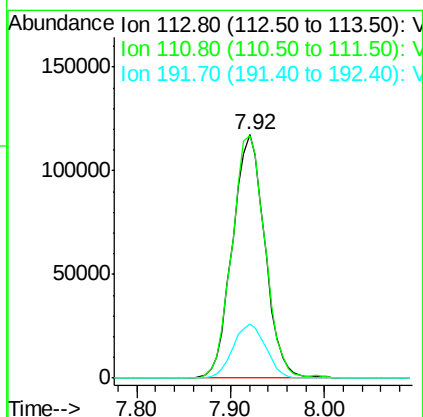
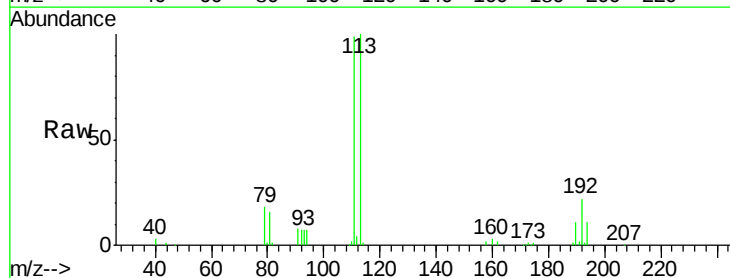
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-B

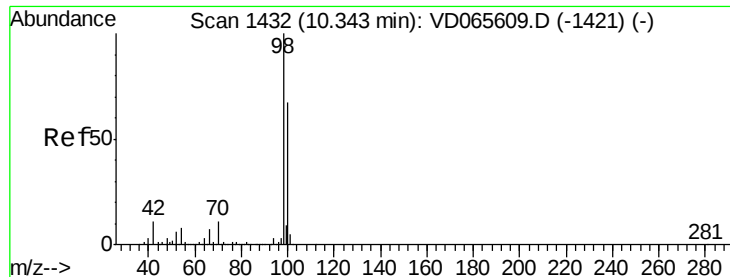
Tot Ion:114 Resp: 769836
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.2
 88 14.9 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 52.272 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065630.D
 Acq: 13 Apr 2020 21:33

Tgt Ion:113 Resp: 281134
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.6 120.8
 192 22.5 18.6 27.8





#50

Toluene-d8

Concen: 50.769 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065630.D

Acq: 13 Apr 2020 21:33

Instrument :

MSVOA_D

ClientSampleId :

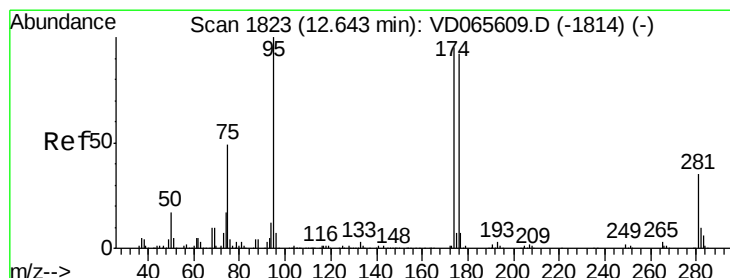
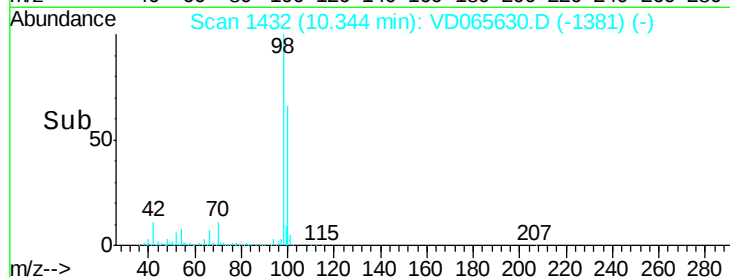
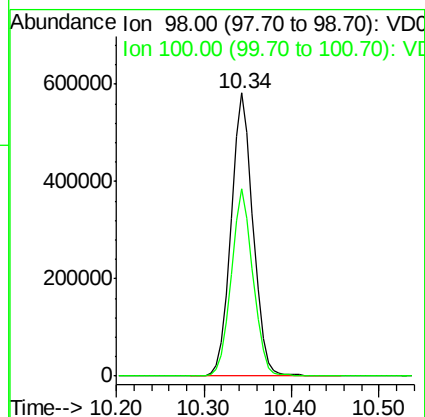
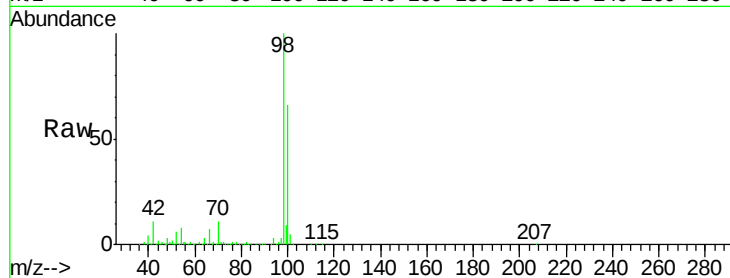
TP-12-B

Tot Ion: 98 Resp: 997116

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.428 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065630.D

Acq: 13 Apr 2020 21:33

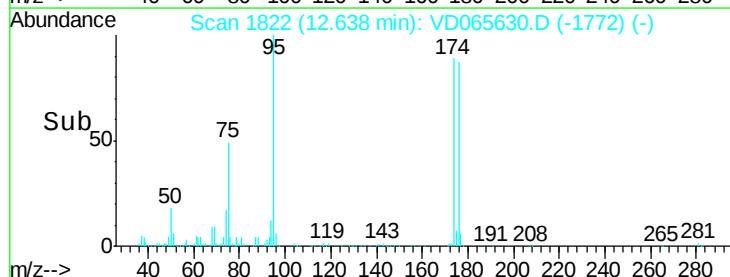
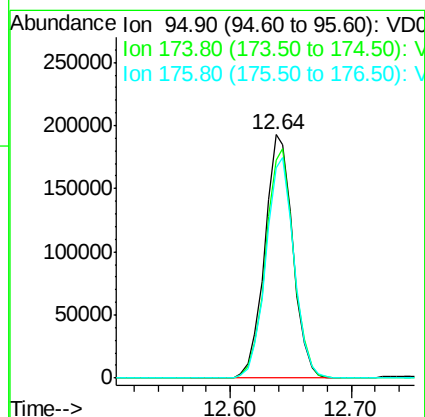
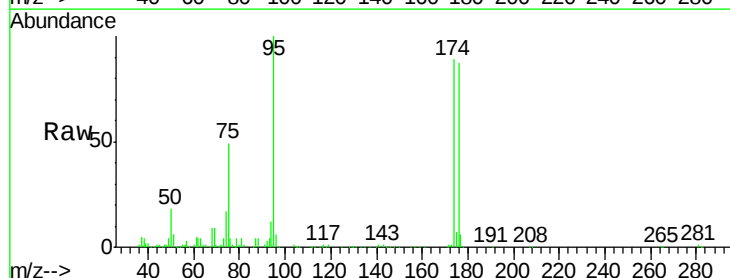
Tgt Ion: 95 Resp: 311952

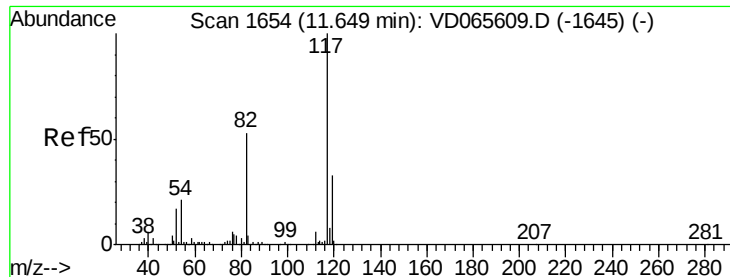
Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.8

176 90.5 0.0 176.6

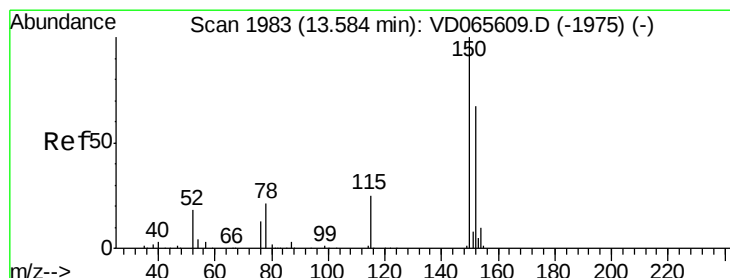
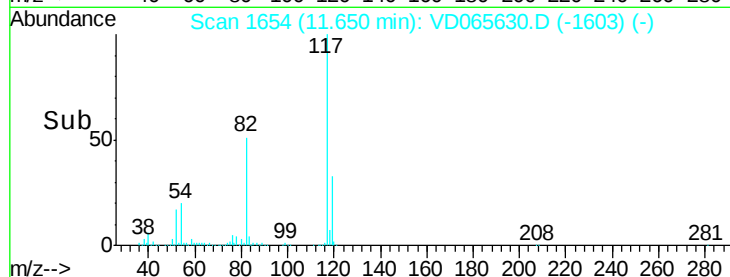
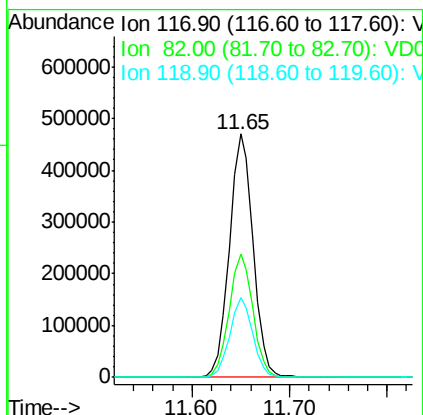
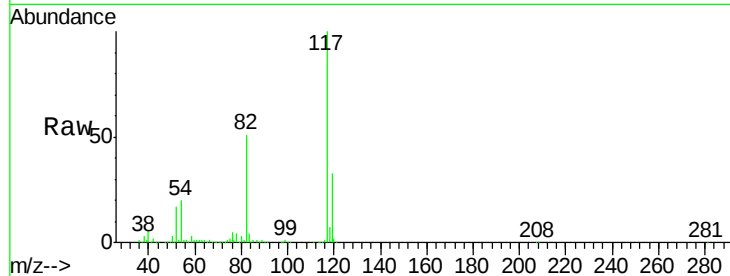




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065630.D
Acq: 13 Apr 2020 21:33

Instrument :
MSVOA_D
ClientSampleId :
TP-12-B

Tot Ion:117 Resp: 788728
Ion Ratio Lower Upper
117 100
82 50.7 42.6 64.0
119 32.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065630.D
Acq: 13 Apr 2020 21:33

Tgt Ion:152 Resp: 337640
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 156.8 0.0 348.2

