

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061777.D
 Acq On : 12 Apr 2019 14:40
 Operator : VA/AP
 Sample : K2203-07
 Misc : 6.95g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-040919-B

Quant Time: Apr 12 17:13:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

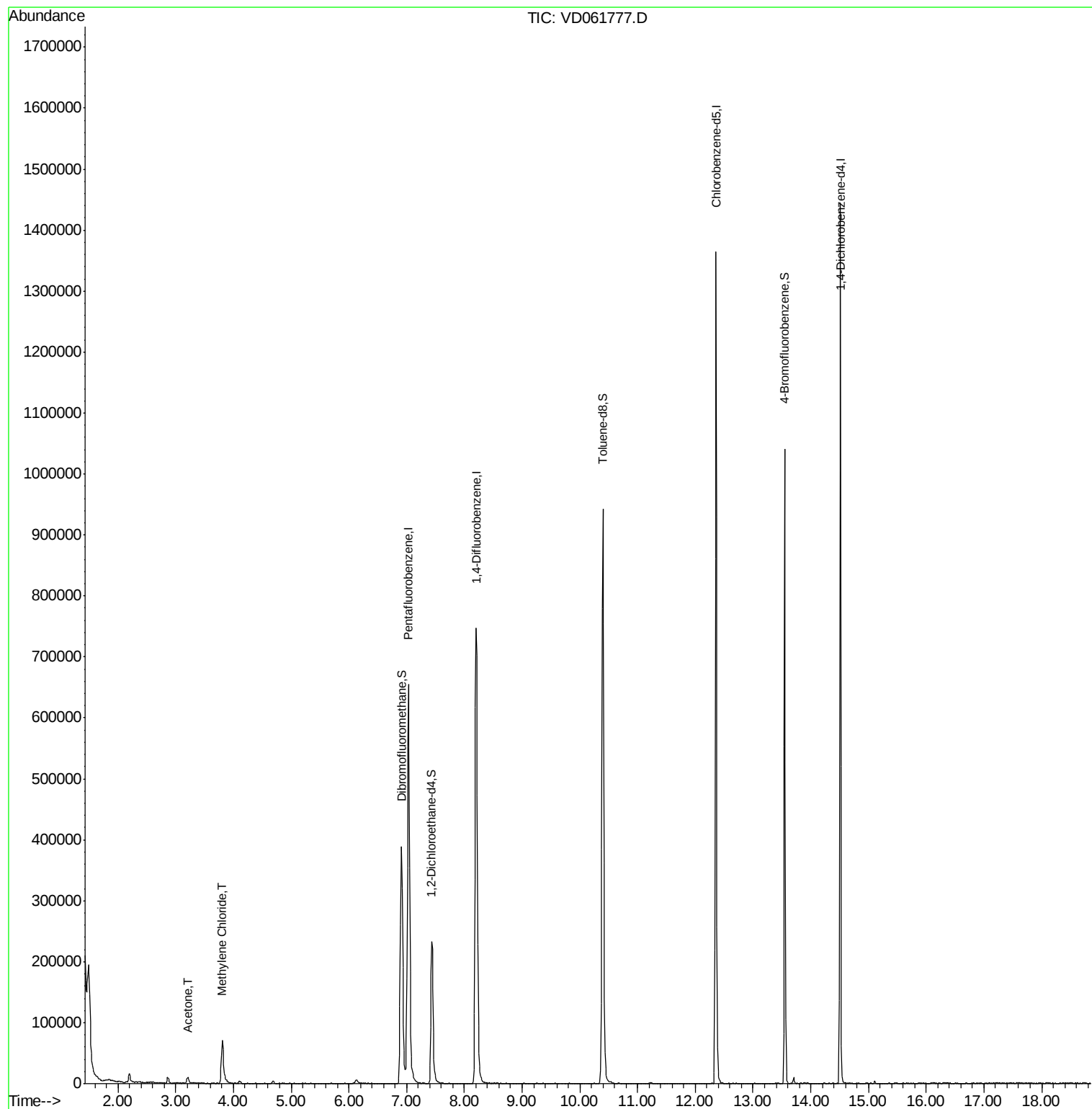
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	648487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	990611	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	818704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	342260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	241901	49.21	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	6.90	113	384555	56.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.08%	
50) Toluene-d8	10.40	98	831671	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	13.55	95	308719	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.21	43	20010	13.618	ug/l	96
20) Methylene Chloride	3.81	84	56039	6.721	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

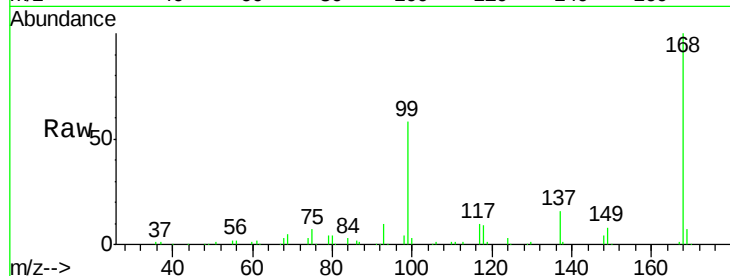
SU-04-040919-B

Tot Ion:168 Resp: 648487

Ion Ratio Lower Upper

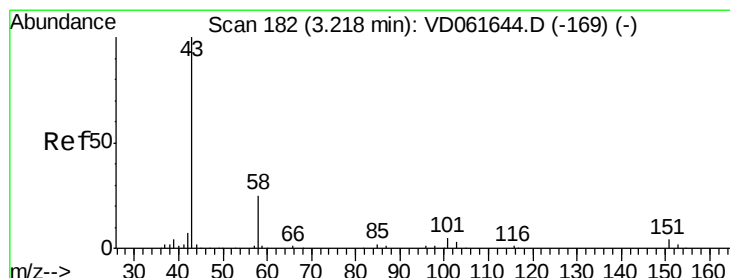
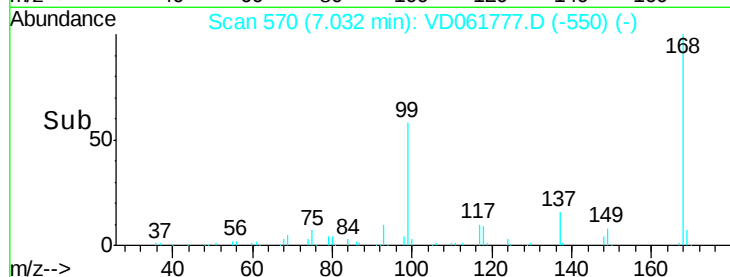
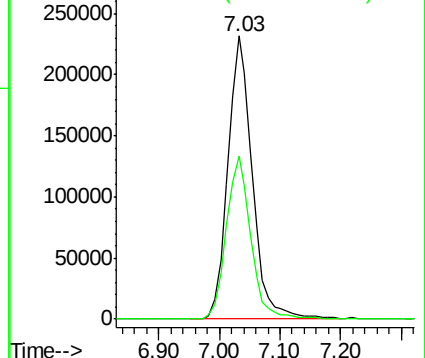
168 100

99 57.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 13.618 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061777.D

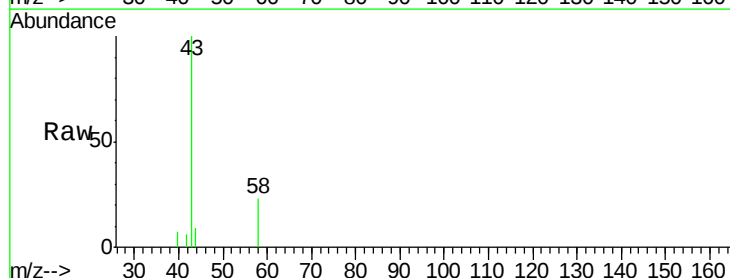
Acq: 12 Apr 2019 14:40

Tgt Ion: 43 Resp: 20010

Ion Ratio Lower Upper

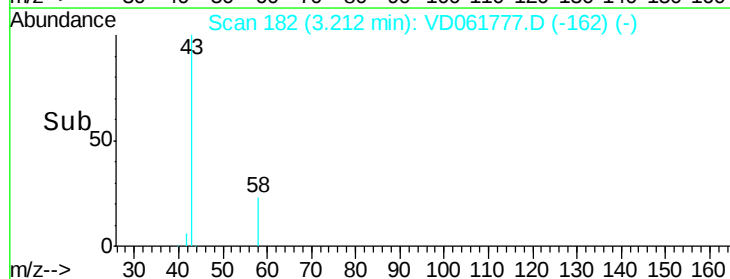
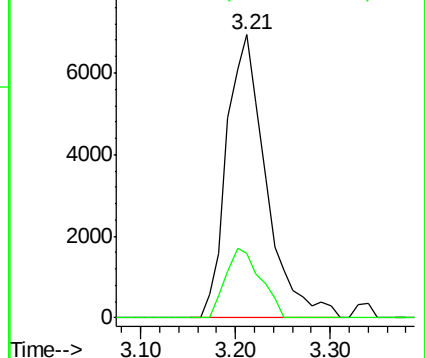
43 100

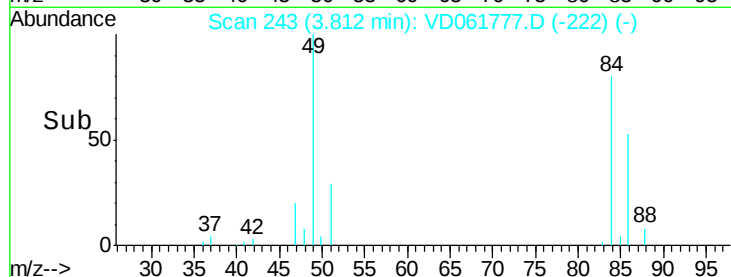
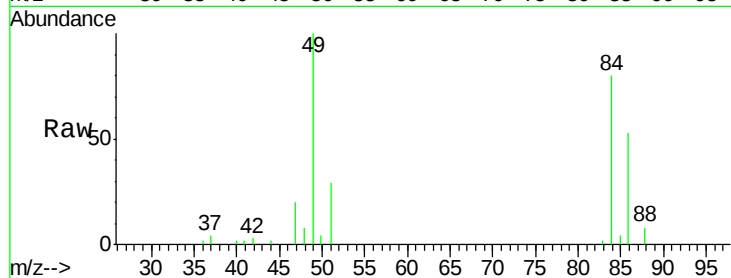
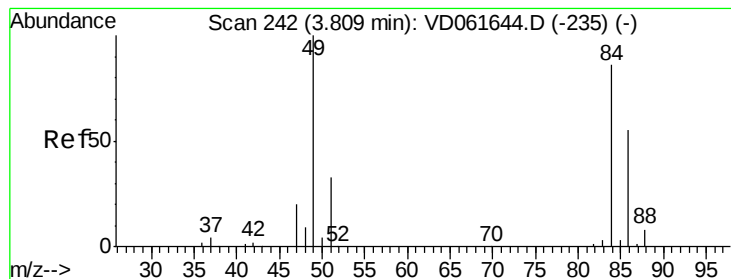
58 22.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 6.721 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

SU-04-040919-B

Tot Ion: 84 Resp: 56039

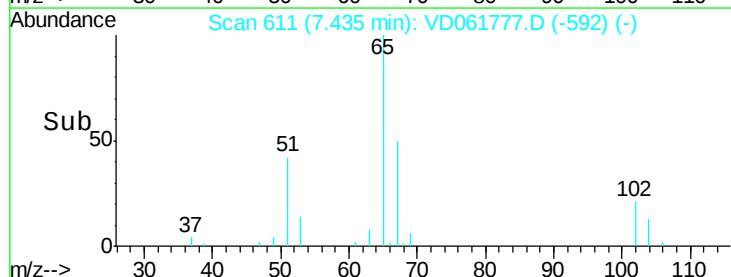
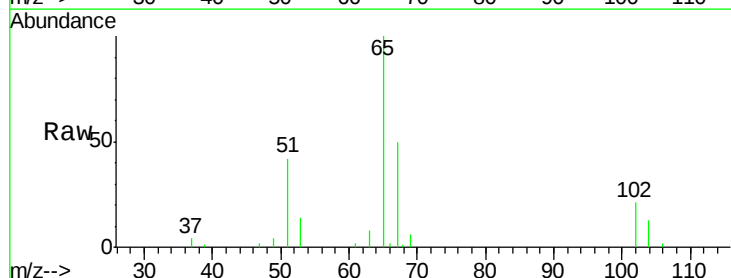
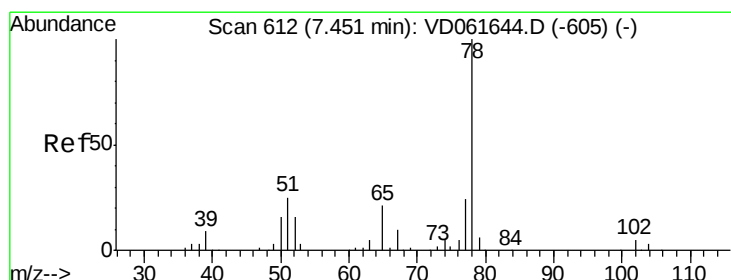
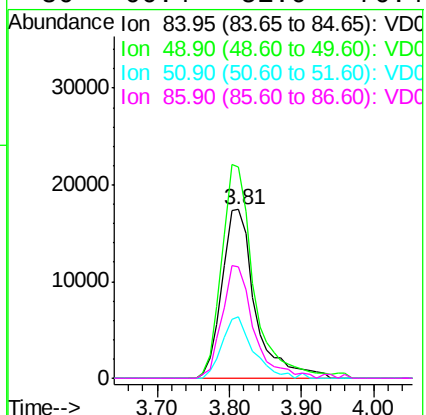
Ion Ratio Lower Upper

84 100

49 125.2 93.0 139.4

51 36.5 30.4 45.6

86 66.4 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD061777.D

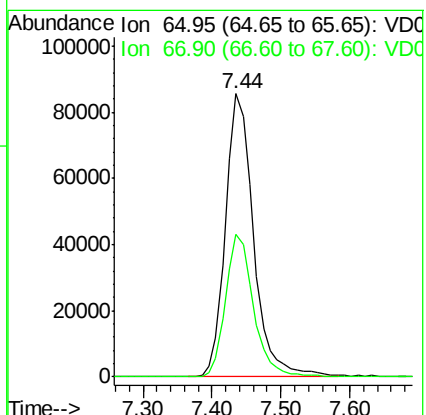
Acq: 12 Apr 2019 14:40

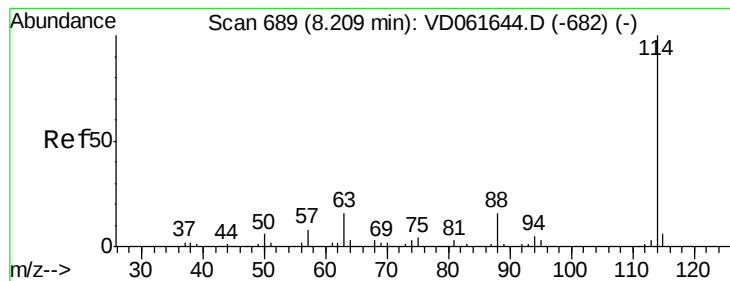
Tgt Ion: 65 Resp: 241901

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

SU-04-040919-B

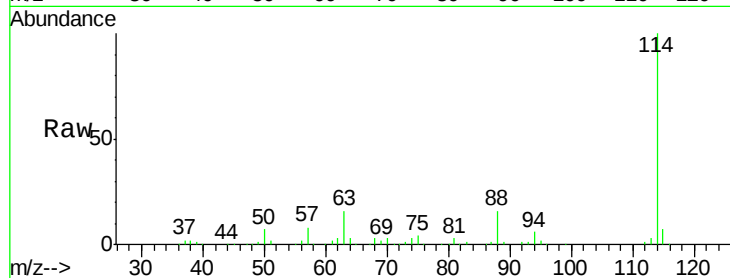
Tot Ion:114 Resp: 990611

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.2

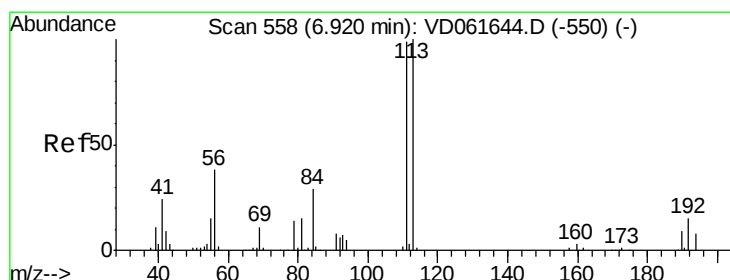
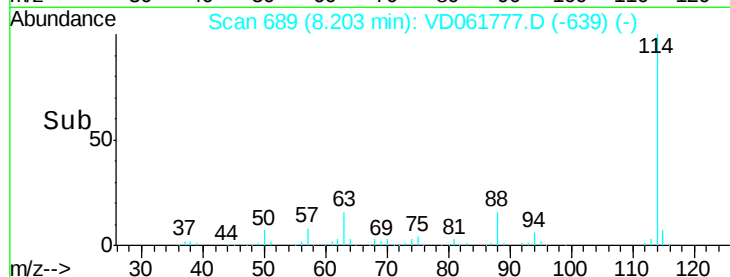
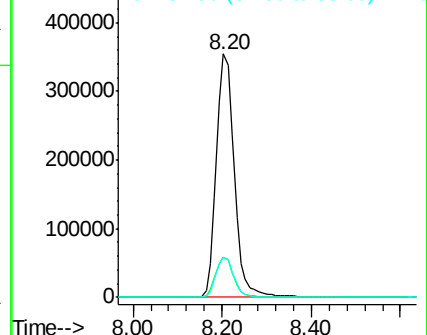
88 16.3 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

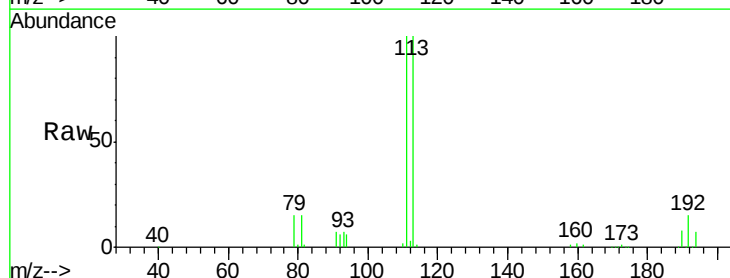
Tgt Ion:113 Resp: 384555

Ion Ratio Lower Upper

113 100

111 100.0 79.3 118.9

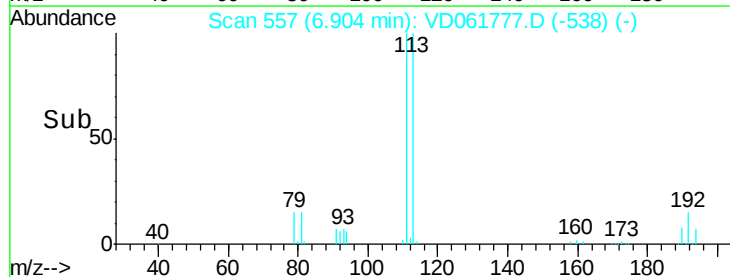
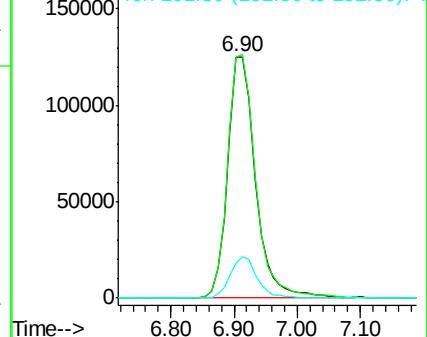
192 14.7 12.3 18.5

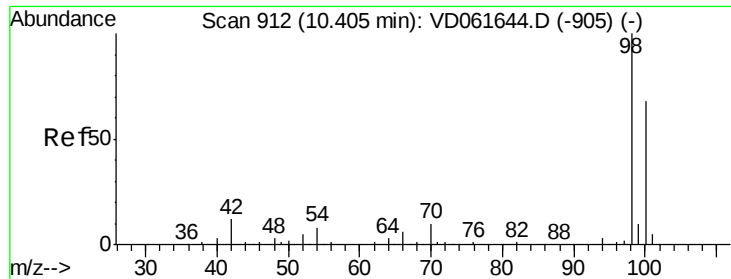


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

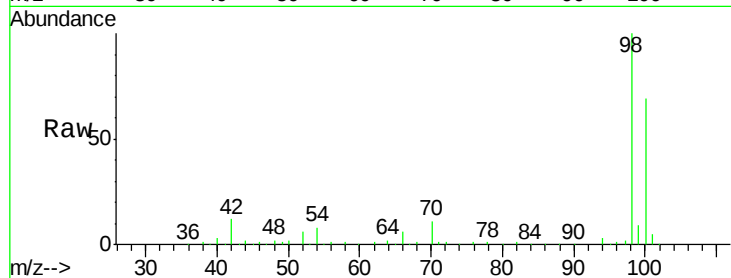
SU-04-040919-B

Tot Ion: 98 Resp: 831671

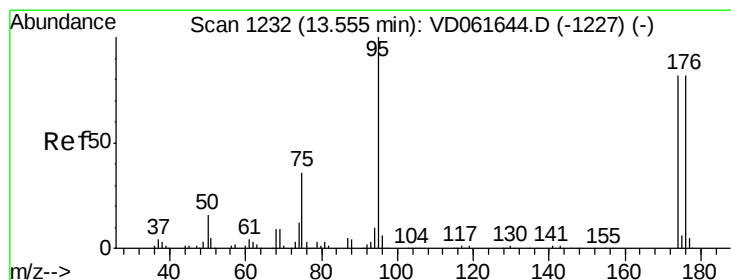
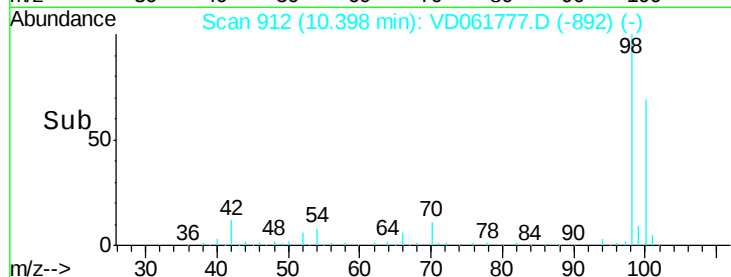
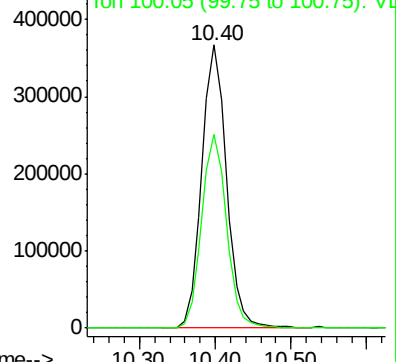
Ion Ratio Lower Upper

98 100

100 68.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061777.D

Acq: 12 Apr 2019 14:40

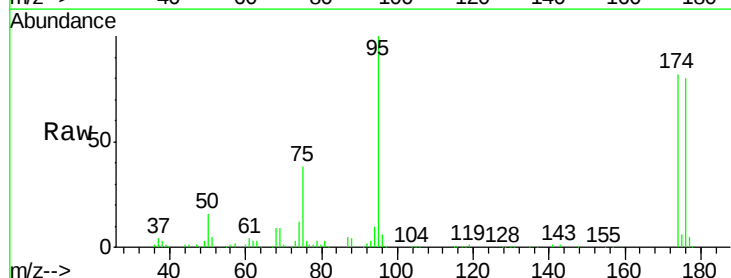
Tgt Ion: 95 Resp: 308719

Ion Ratio Lower Upper

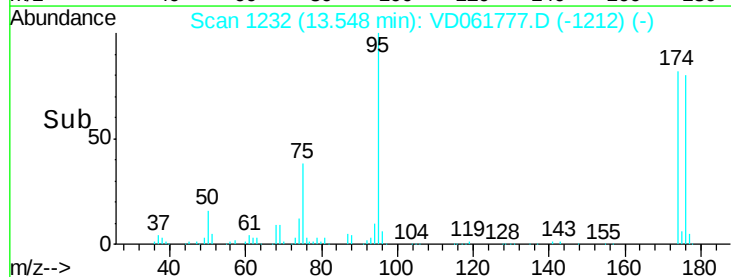
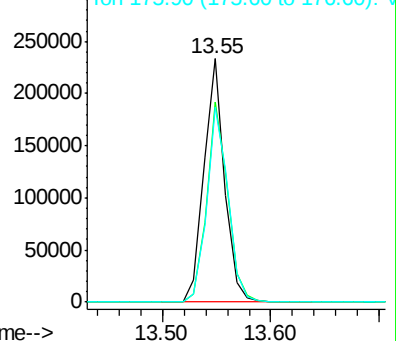
95 100

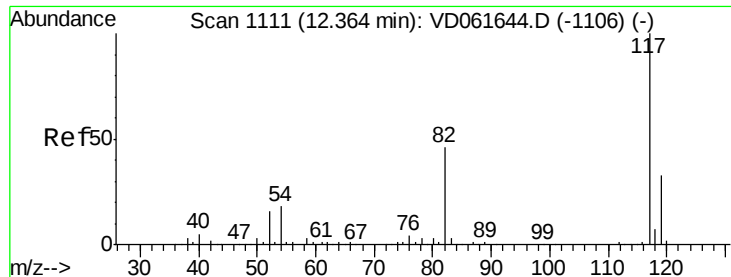
174 82.0 0.0 164.6

176 80.0 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

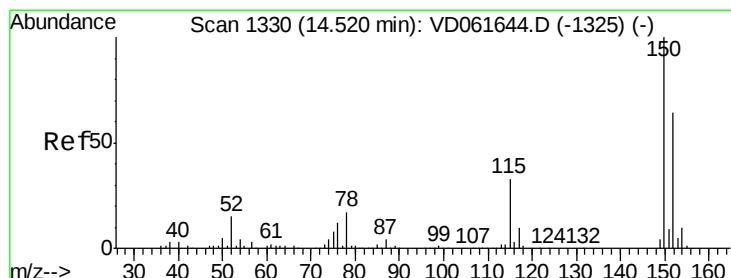
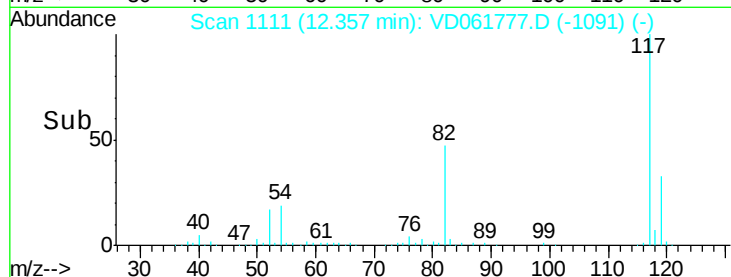
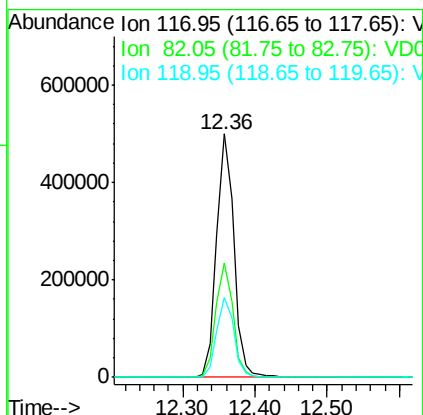
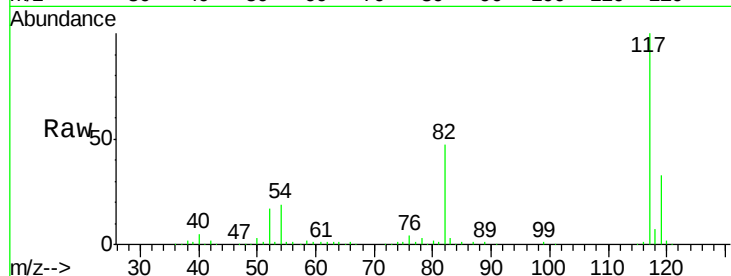




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061777.D
Acq: 12 Apr 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
SU-04-040919-B

Tot Ion:117 Resp: 818704
Ion Ratio Lower Upper
117 100
82 46.8 36.8 55.2
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061777.D
Acq: 12 Apr 2019 14:40

Tgt Ion:152 Resp: 342260
Ion Ratio Lower Upper
152 100
115 54.3 26.4 79.2
150 155.2 0.0 320.6

