

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061780.D
 Acq On : 12 Apr 2019 16:05
 Operator : VA/AP
 Sample : K2200-03
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-B

Quant Time: Apr 12 17:20:01 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

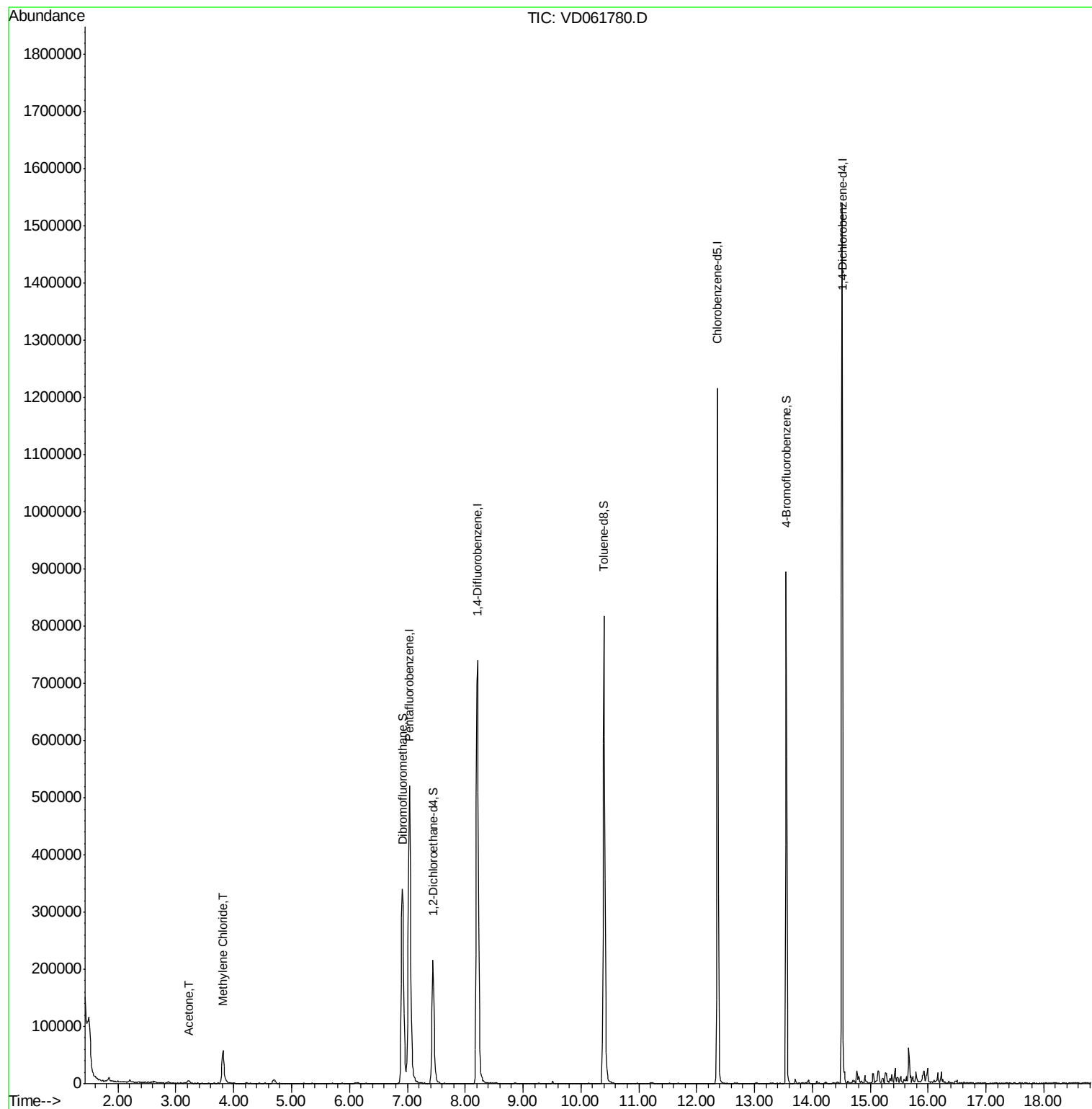
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	561878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	930167	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	750743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	338401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	218935	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	6.91	113	332466	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.40	98	683923	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
62) 4-Bromofluorobenzene	13.55	95	273068	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
Target Compounds						
16) Acetone	3.21	43	10953	8.603	ug/l #	89
20) Methylene Chloride	3.81	84	42879	5.935	ug/l	98

(#) = 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: 7.04 min Scan# 571

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

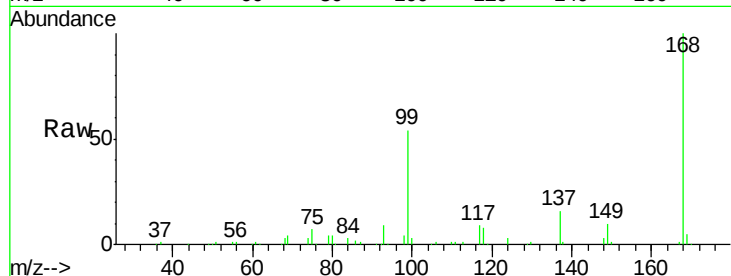
EO-01-040919-B

Tot Ion:168 Resp: 561878

Ion Ratio Lower Upper

168 100

99 53.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

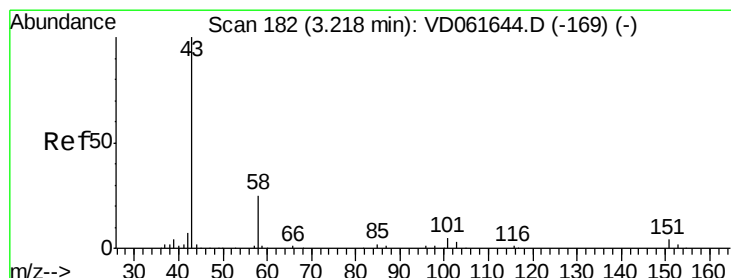
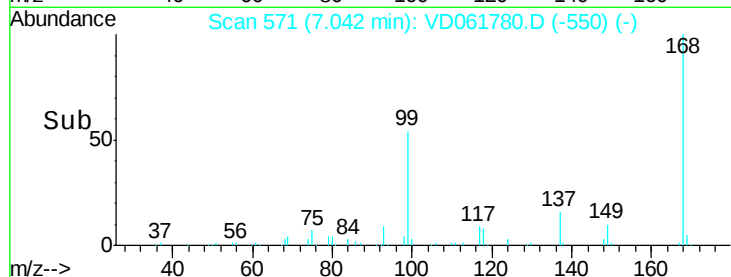
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 8.603 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061780.D

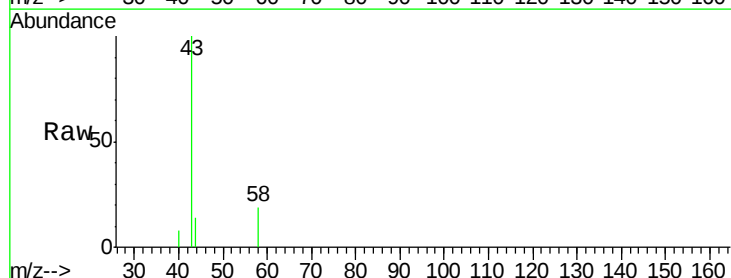
Acq: 12 Apr 2019 16:05

Tgt Ion: 43 Resp: 10953

Ion Ratio Lower Upper

43 100

58 19.2 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

4000

3000

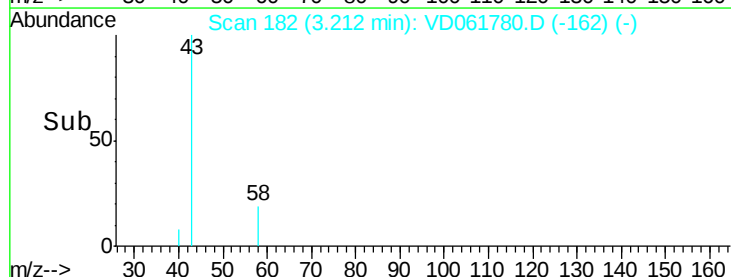
2000

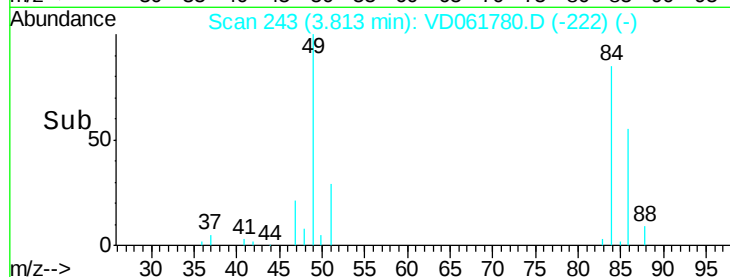
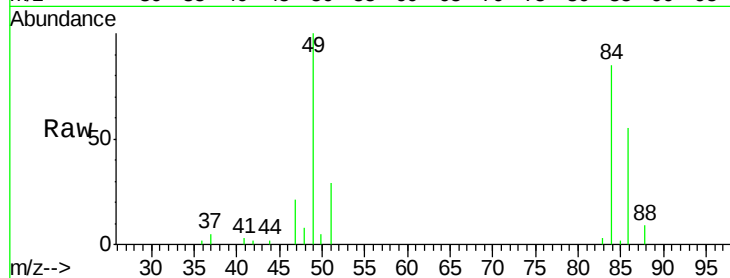
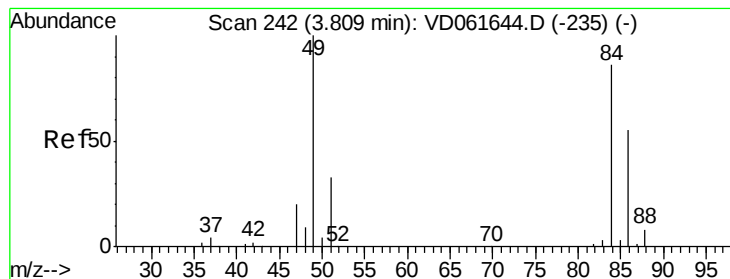
1000

0

Time-->

3.10 3.20 3.30





#20

Methylene Chloride

Concen: 5.935 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

EO-01-040919-B

Tot Ion: 84 Resp: 42879

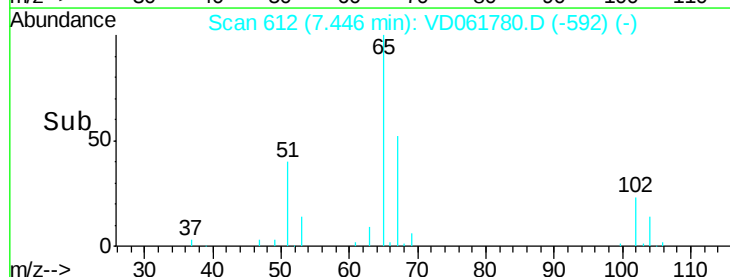
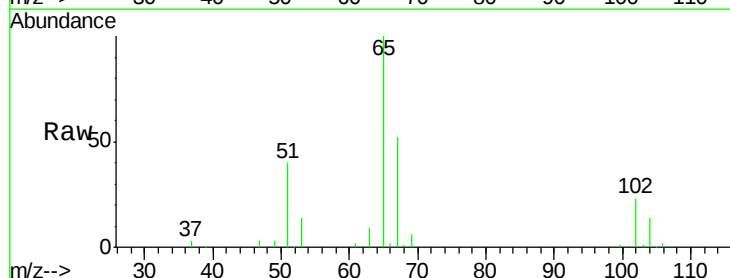
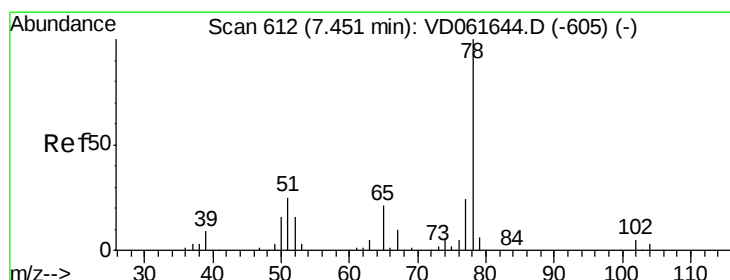
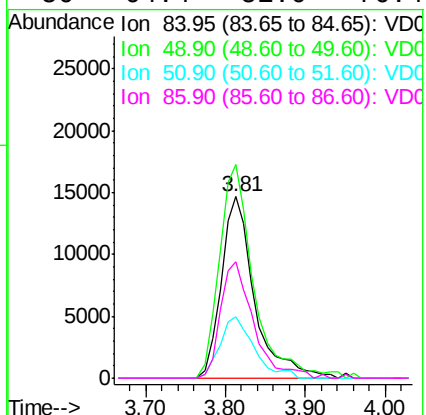
Ion Ratio Lower Upper

84 100

49 117.9 93.0 139.4

51 34.1 30.4 45.6

86 64.4 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061780.D

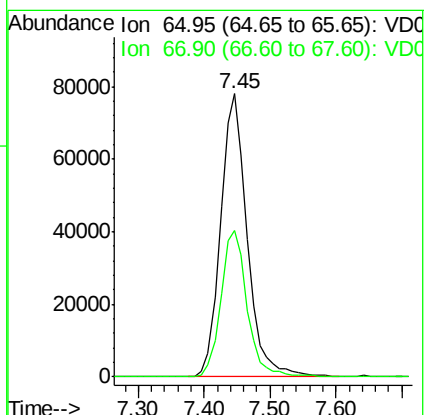
Acq: 12 Apr 2019 16:05

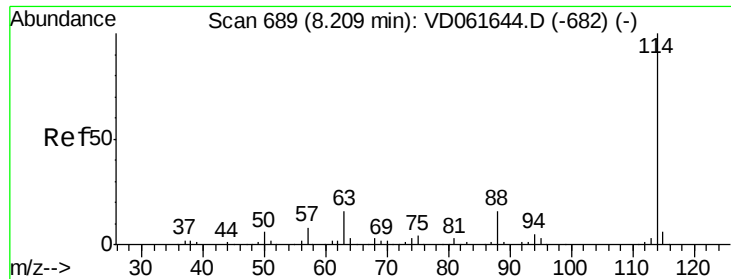
Tgt Ion: 65 Resp: 218935

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

EO-01-040919-B

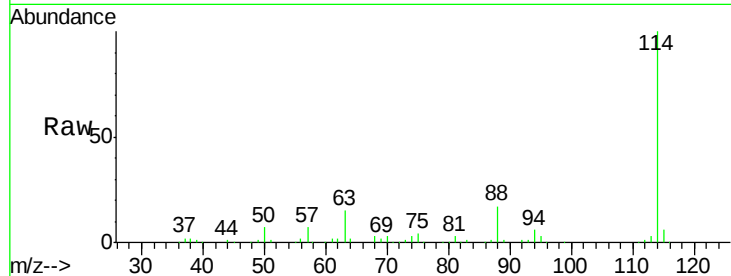
Tot Ion:114 Resp: 930167

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.2

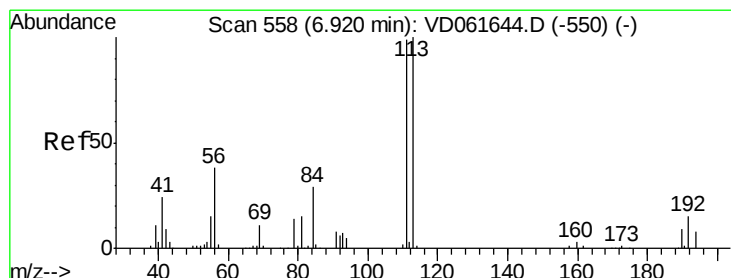
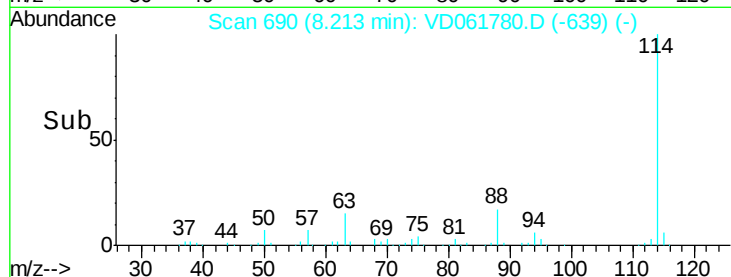
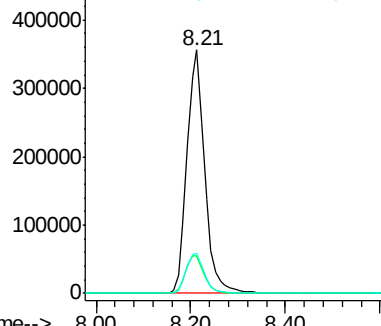
88 16.7 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

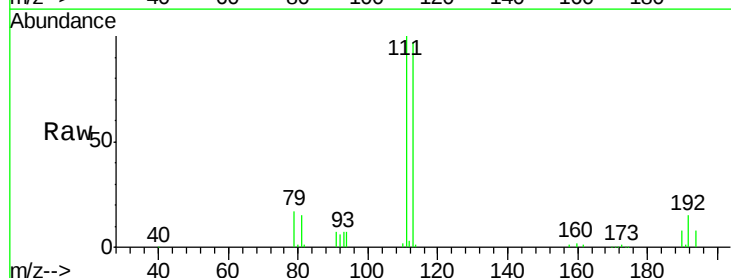
Tgt Ion:113 Resp: 332466

Ion Ratio Lower Upper

113 100

111 103.4 79.3 118.9

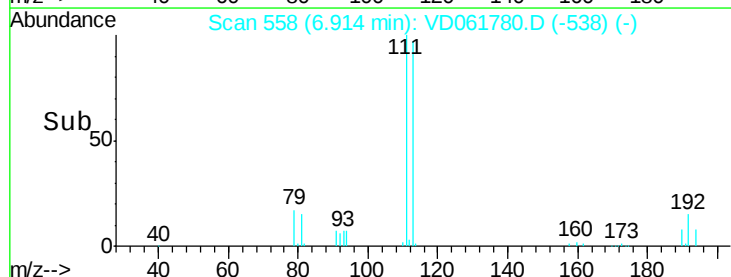
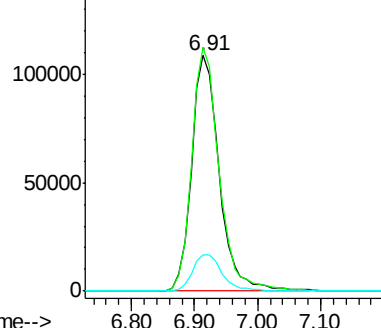
192 15.5 12.3 18.5

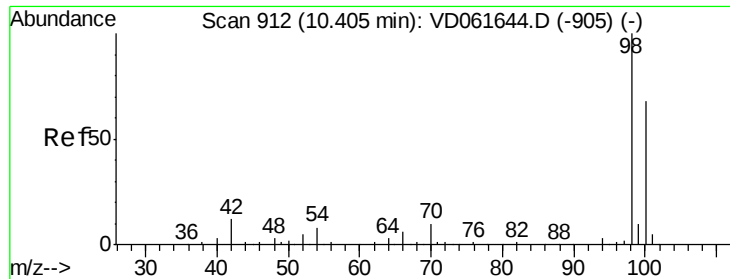


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

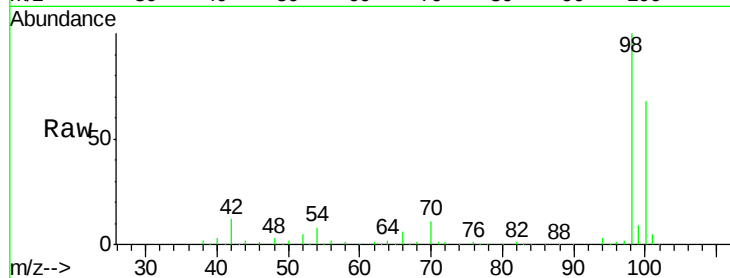
EO-01-040919-B

Tot Ion: 98 Resp: 683923

Ion Ratio Lower Upper

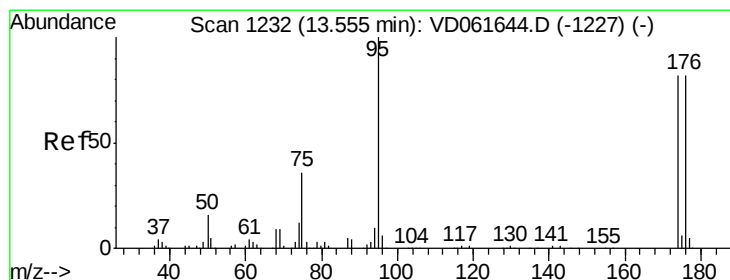
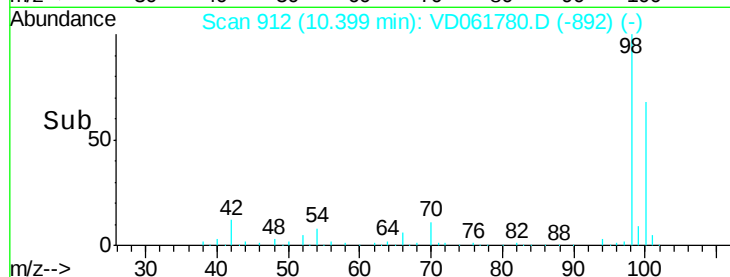
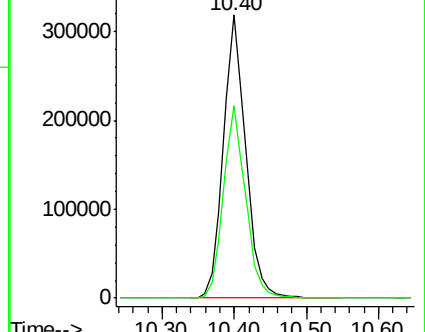
98 100

100 68.0 55.4 83.0



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

Ion 100.05 (99.75 to 100.75): 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: VD061780.D

Acq: 12 Apr 2019 16:05

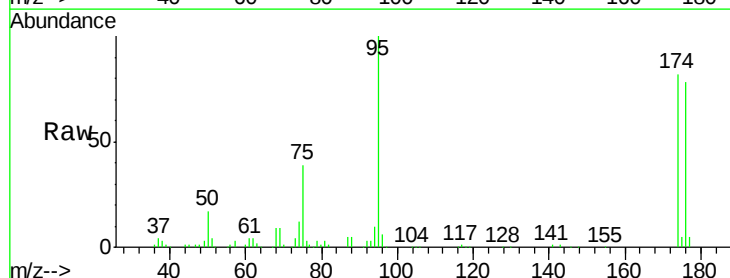
Tgt Ion: 95 Resp: 273068

Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.6

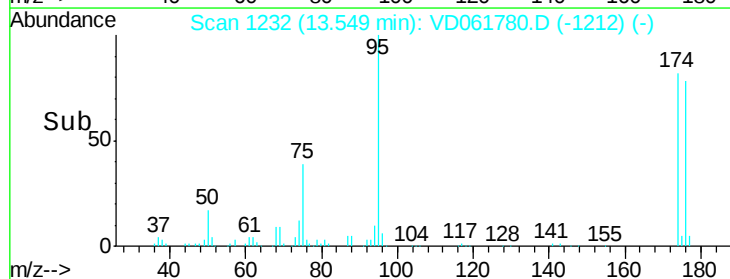
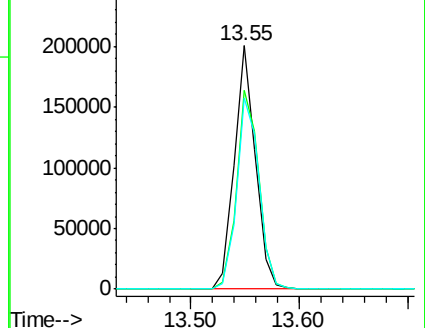
176 78.3 0.0 165.0

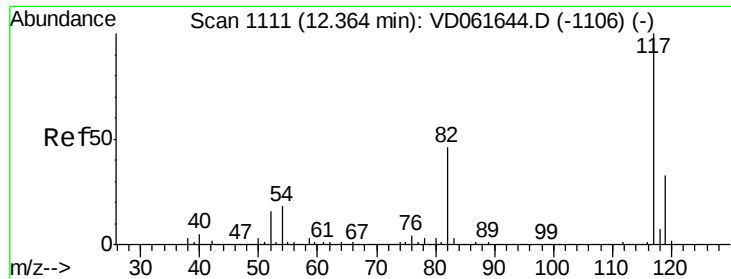


Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

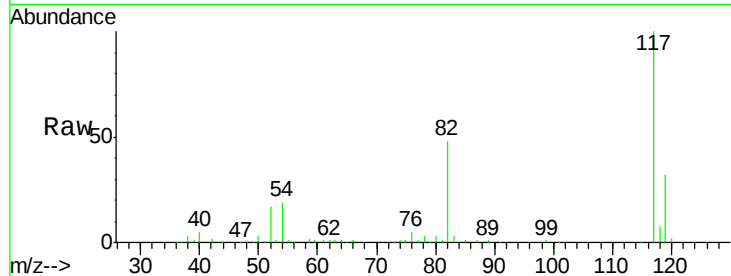




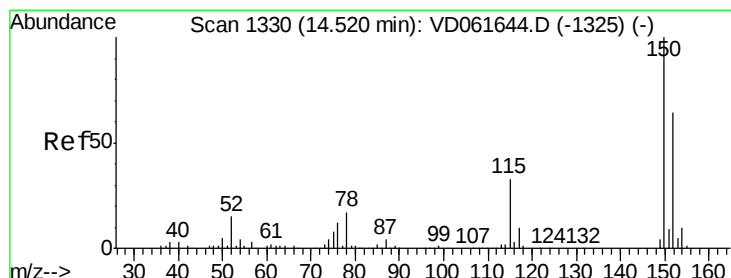
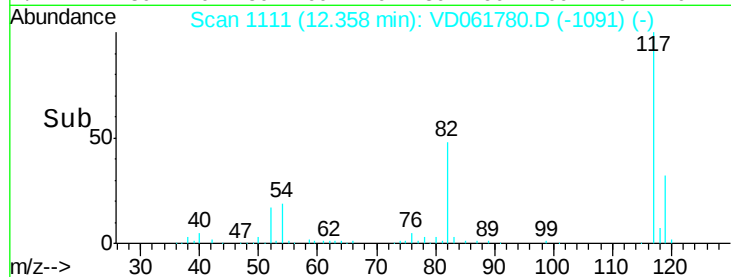
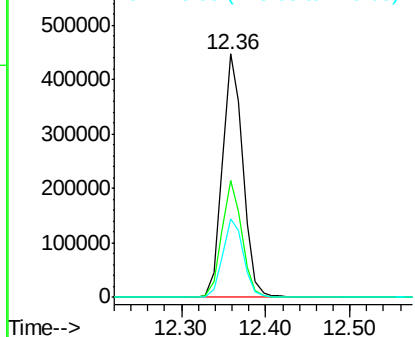
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061780.D
Acq: 12 Apr 2019 16:05

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-B

Tot Ion:117 Resp: 750743
Ion Ratio Lower Upper
117 100
82 48.2 36.8 55.2
119 32.4 26.1 39.1

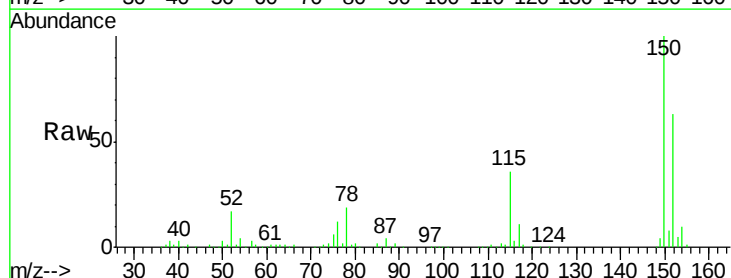


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061780.D
Acq: 12 Apr 2019 16:05

Tgt Ion:152 Resp: 338401
Ion Ratio Lower Upper
152 100
115 56.5 26.4 79.2
150 158.7 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

