

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061744.D
 Acq On : 11 Apr 2019 16:43
 Operator : VA/AP
 Sample : K2200-05
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 12 02:06:30 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

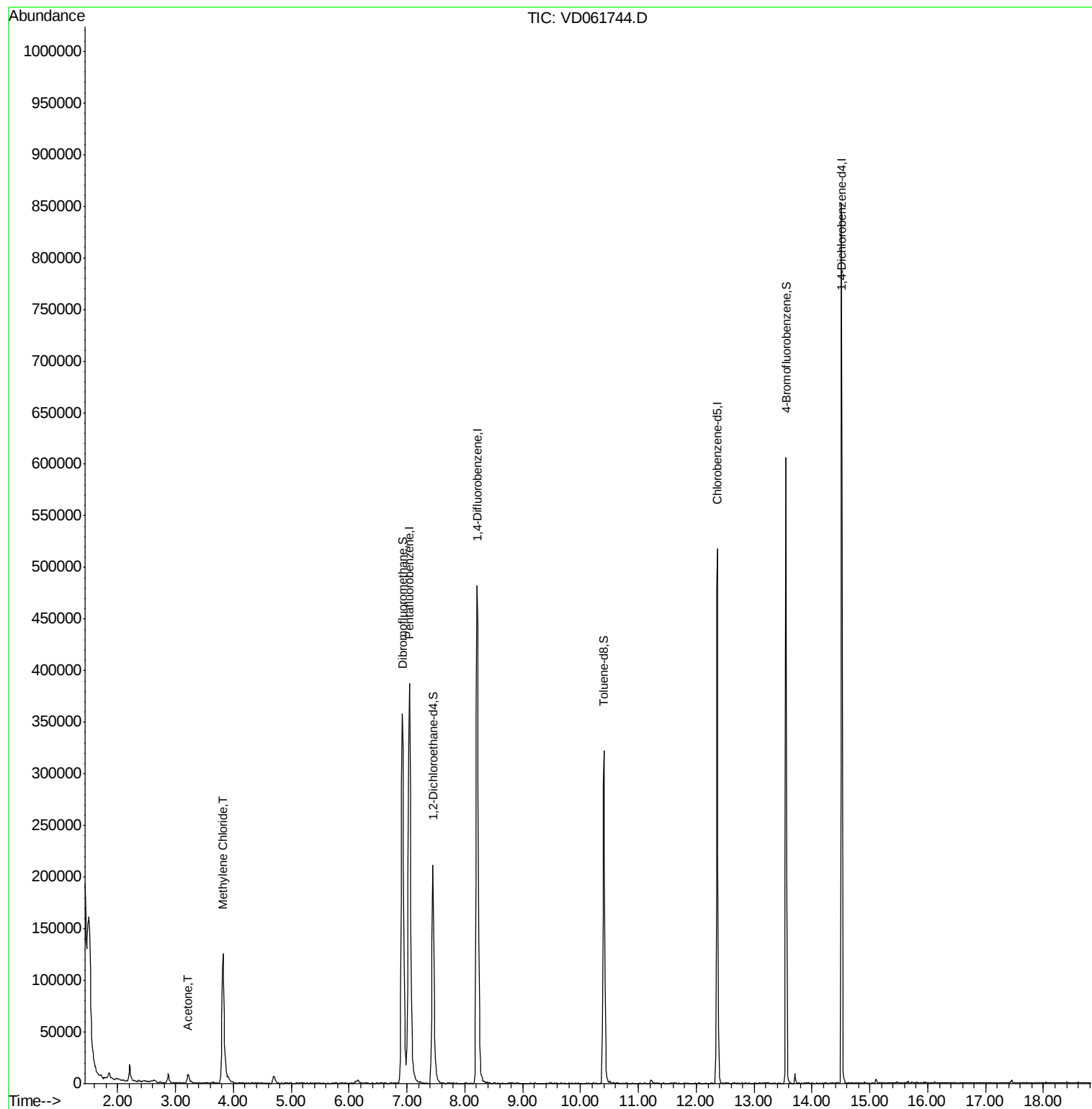
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	439815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	611791	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	332577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	198641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	218404	65.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.02%	
35) Dibromofluoromethane	6.92	113	338803	79.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.88%	
50) Toluene-d8	10.40	98	284391	26.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.42%	
62) 4-Bromofluorobenzene	13.54	95	215531	60.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.14%	
Target Compounds						
16) Acetone	3.21	43	17389	17.449	ug/l	96
20) Methylene Chloride	3.82	84	96956	17.145	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061744.D
Acq On : 11 Apr 2019 16:43
Operator : VA/AP
Sample : K2200-05
Misc : 6.40µl/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 12 02:06:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
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: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061744.D

Acq: 11 Apr 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

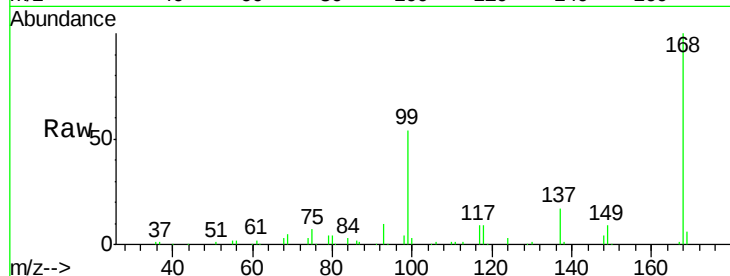
EO-01-040919-C

Tot Ion:168 Resp: 439815

Ion Ratio Lower Upper

168 100

99 53.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

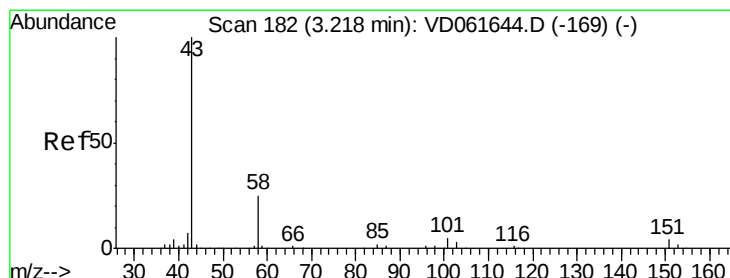
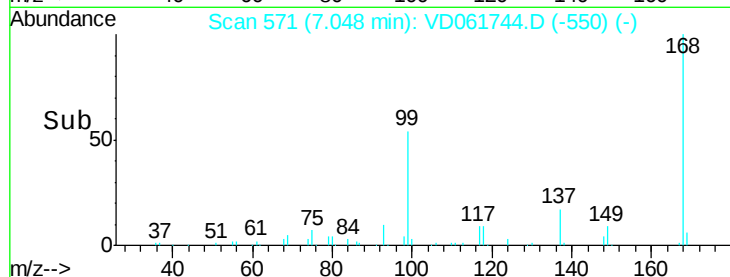
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.449 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061744.D

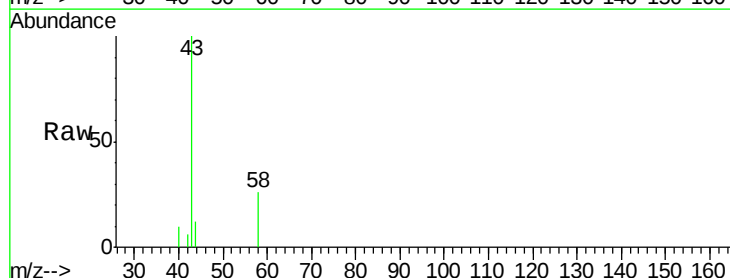
Acq: 11 Apr 2019 16:43

Tgt Ion: 43 Resp: 17389

Ion Ratio Lower Upper

43 100

58 26.4 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

6000

5000

4000

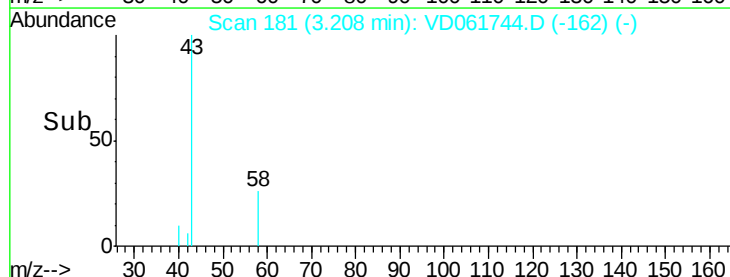
3000

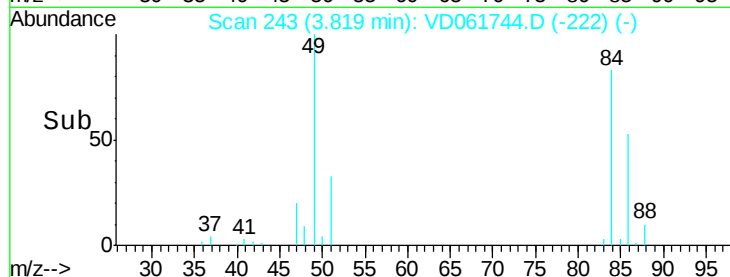
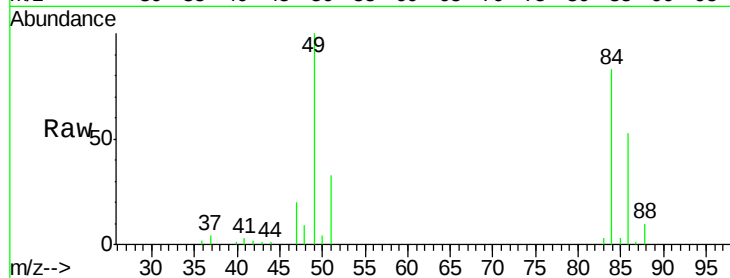
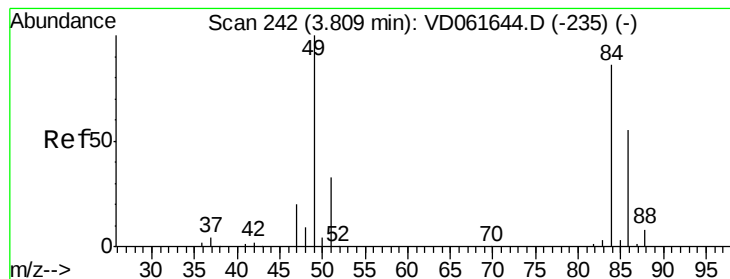
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 17.145 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061744.D

Acq: 11 Apr 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

EO-01-040919-C

Tot Ion: 84 Resp: 96956

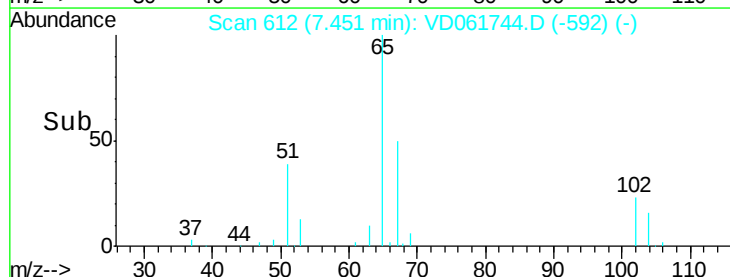
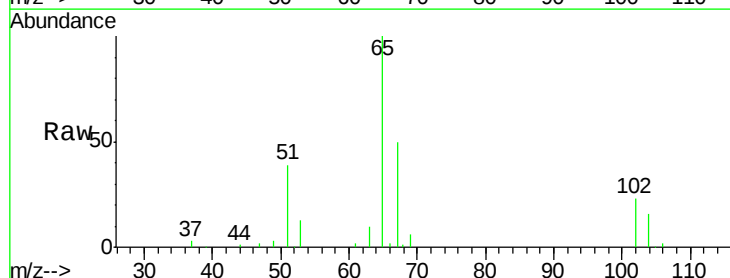
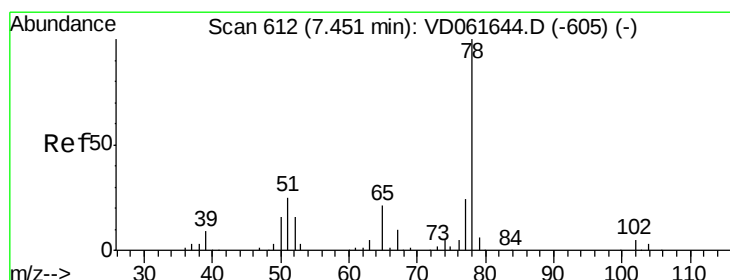
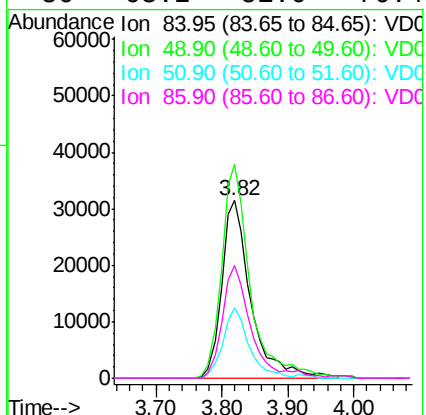
Ion Ratio Lower Upper

84 100

49 120.2 93.0 139.4

51 39.5 30.4 45.6

86 63.2 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061744.D

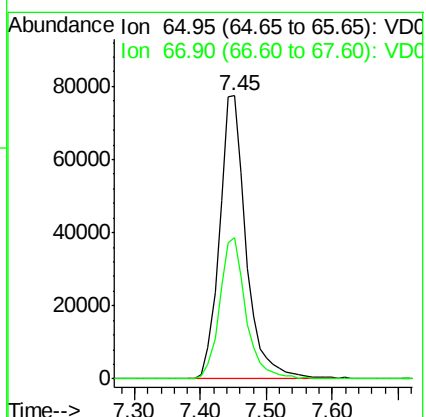
Acq: 11 Apr 2019 16:43

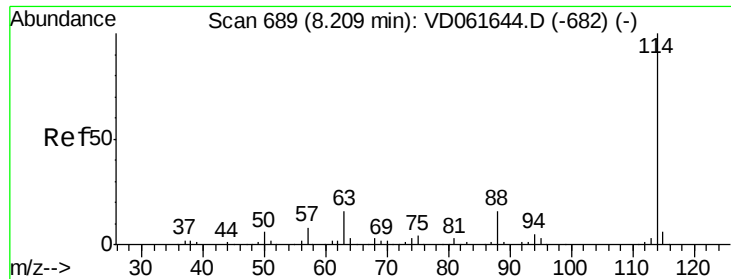
Tgt Ion: 65 Resp: 218404

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.4

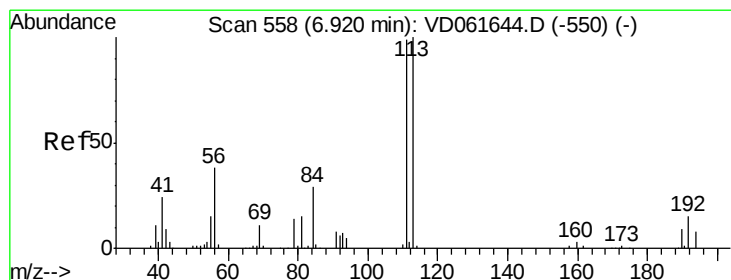
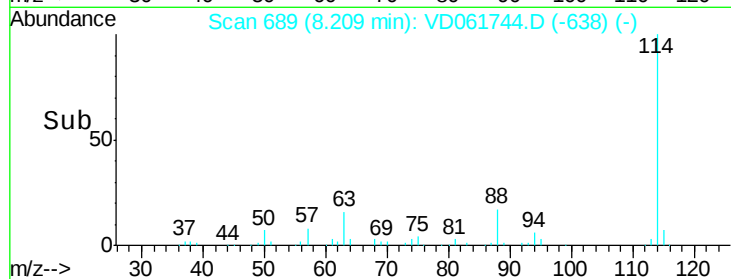
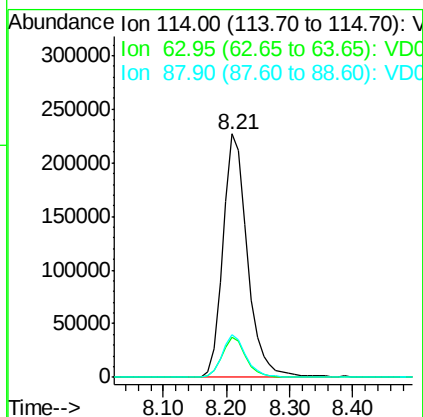
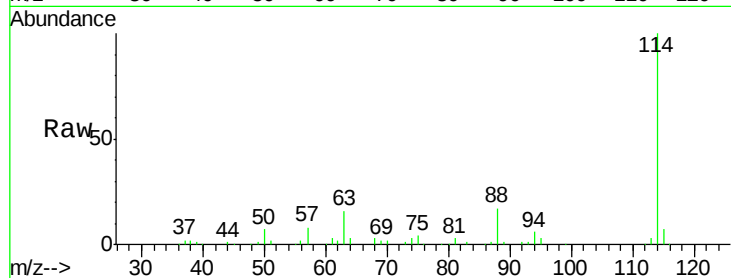




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061744.D
 Acq: 11 Apr 2019 16:43

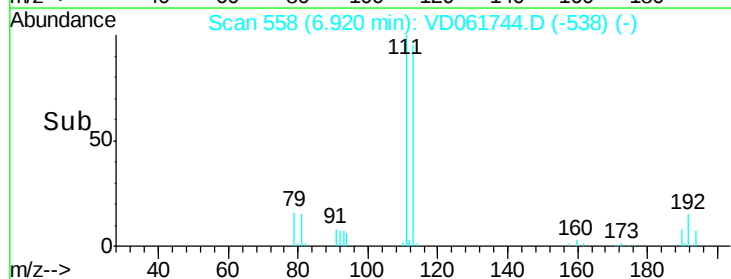
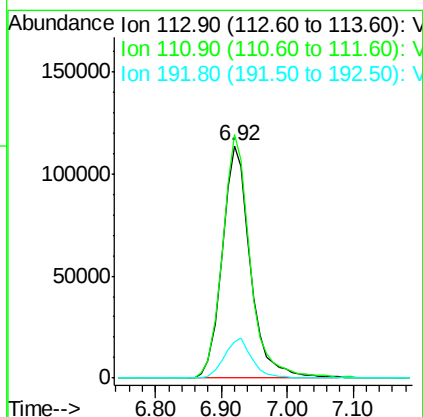
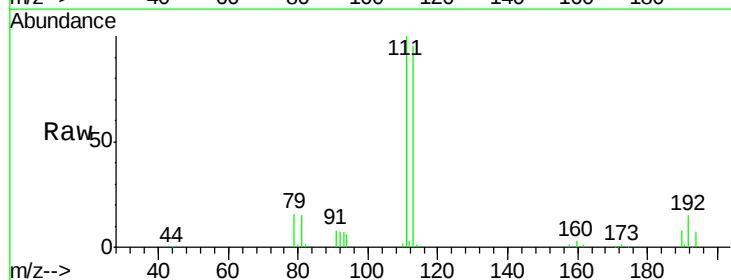
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-C

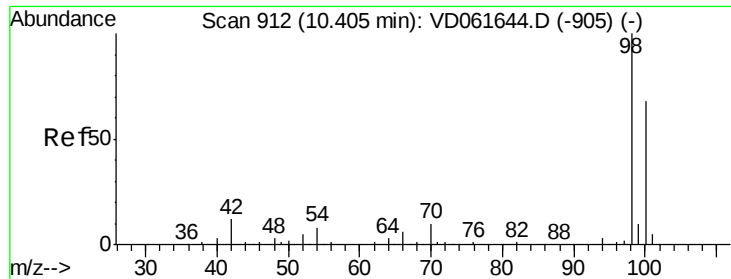
Tot Ion:114 Resp: 611791
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.2
 88 17.4 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061744.D
 Acq: 11 Apr 2019 16:43

Tgt Ion:113 Resp: 338803
 Ion Ratio Lower Upper
 113 100
 111 104.9 79.3 118.9
 192 15.7 12.3 18.5





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061744.D

Acq: 11 Apr 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

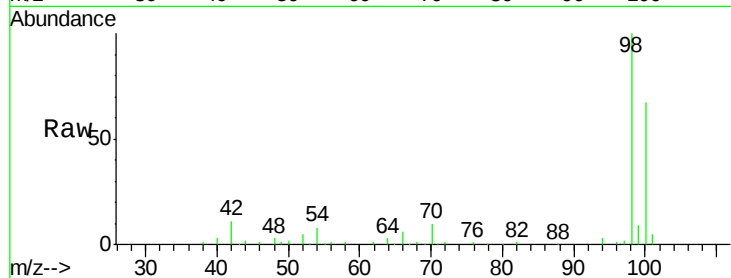
EO-01-040919-C

Tot Ion: 98 Resp: 284391

Ion Ratio Lower Upper

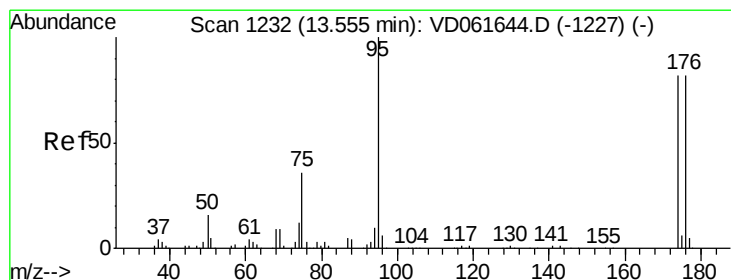
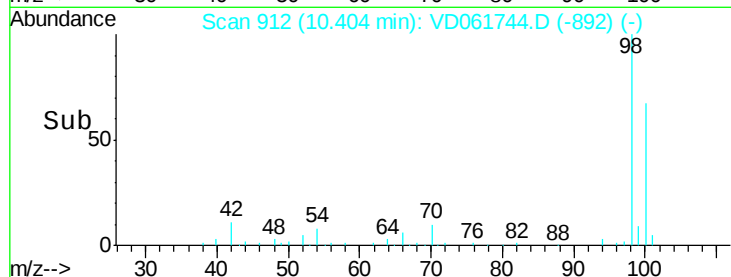
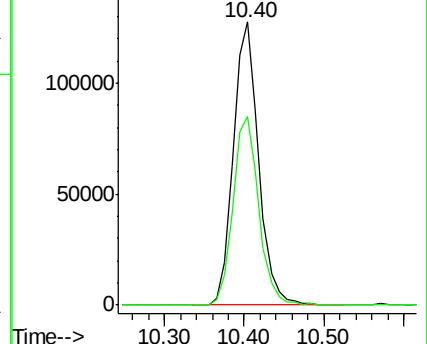
98 100

100 66.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061744.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD061744.D (-892) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061744.D

Acq: 11 Apr 2019 16:43

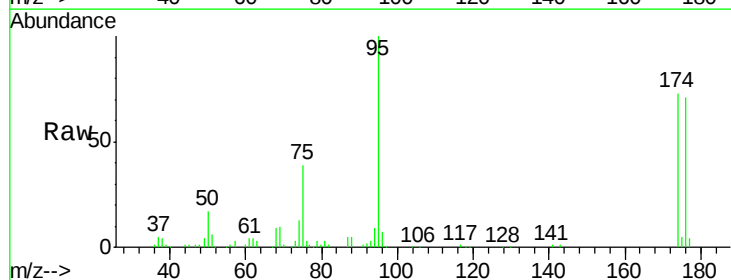
Tgt Ion: 95 Resp: 215531

Ion Ratio Lower Upper

95 100

174 73.0 0.0 164.6

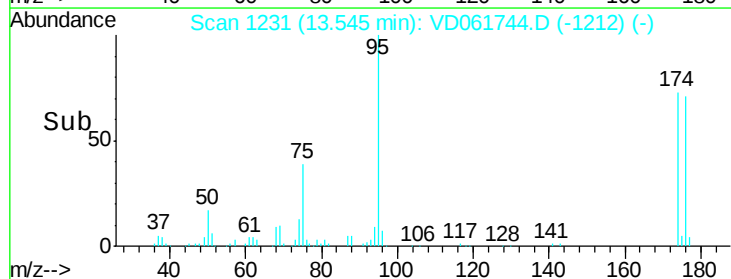
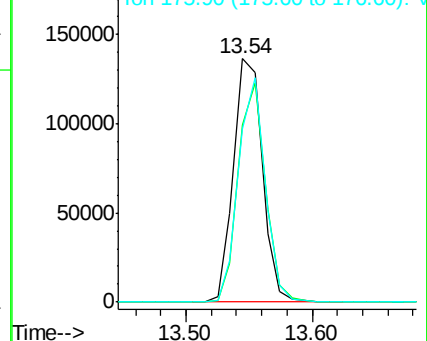
176 71.0 0.0 165.0

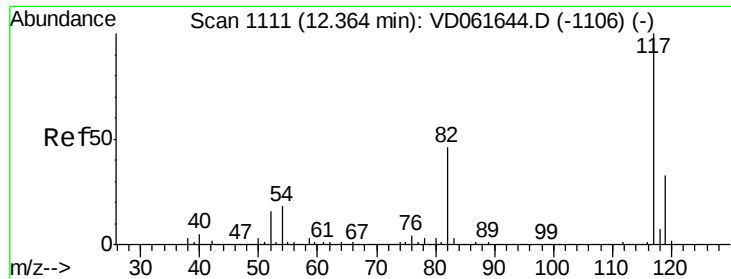


Abundance Ion 95.00 (94.70 to 95.70): VD061744.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD061744.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD061744.D (-1212) (-)

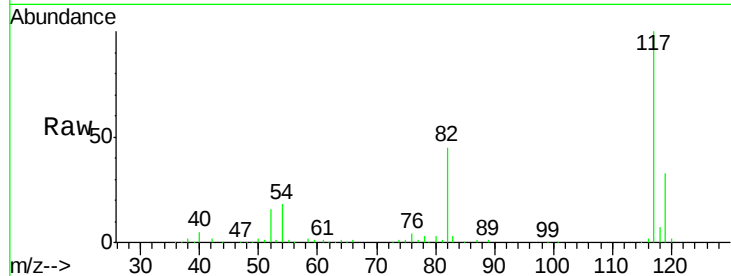




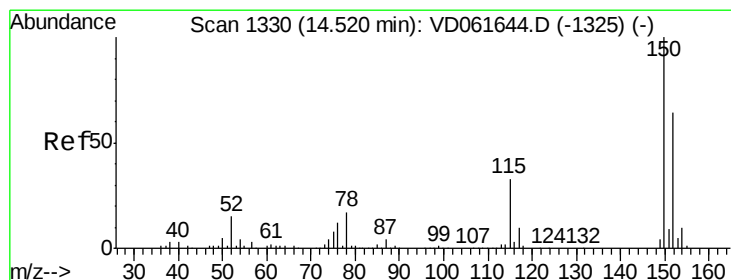
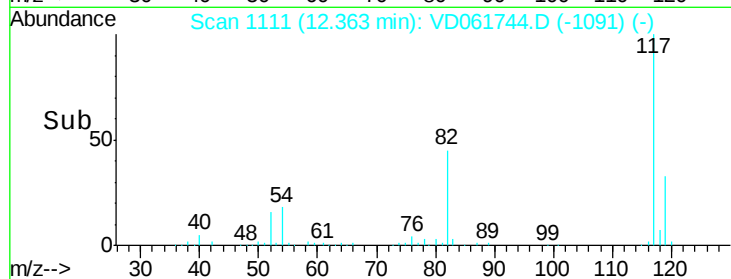
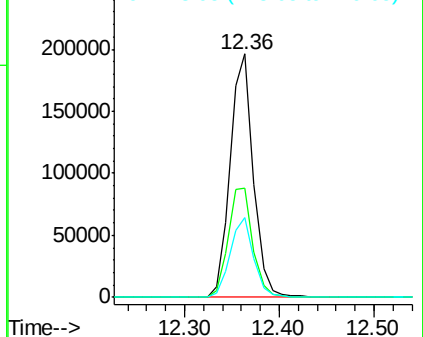
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061744.D
Acq: 11 Apr 2019 16:43

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

Tot Ion:117 Resp: 332577
Ion Ratio Lower Upper
117 100
82 44.9 36.8 55.2
119 32.8 26.1 39.1

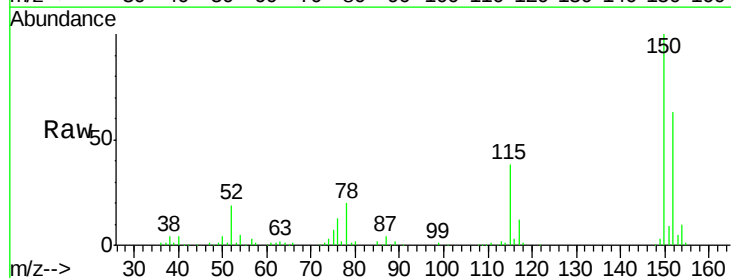


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061744.D
Acq: 11 Apr 2019 16:43

Tgt Ion:152 Resp: 198641
Ion Ratio Lower Upper
152 100
115 60.0 26.4 79.2
150 158.1 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

