

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061743.D
 Acq On : 11 Apr 2019 16:16
 Operator : VA/AP
 Sample : K2200-03
 Misc : 7.27g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 12 02:02:25 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

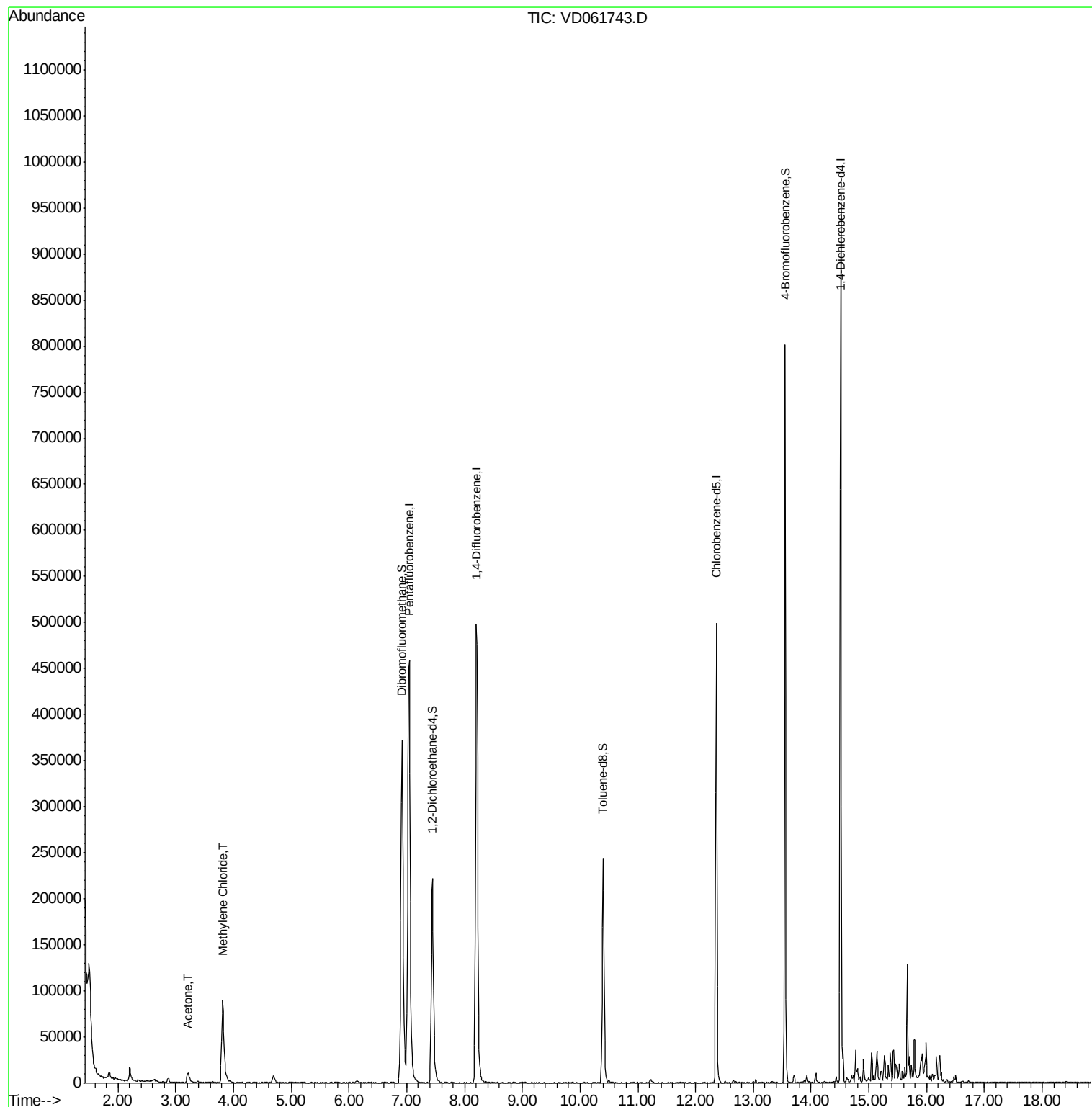
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	485363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	626026	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	310903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	215029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	229794	62.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.92%	
35) Dibromofluoromethane	6.91	113	353874	81.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.20%	
50) Toluene-d8	10.40	98	218858	20.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.18%	
62) 4-Bromofluorobenzene	13.55	95	237527	66.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.98%	
Target Compounds						
16) Acetone	3.21	43	24059	21.876	ug/l	97
20) Methylene Chloride	3.81	84	71257	11.418	ug/l	94

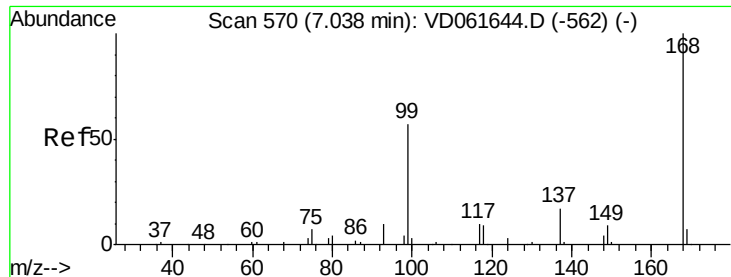
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

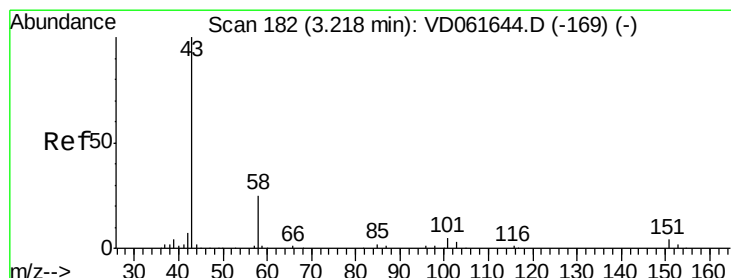
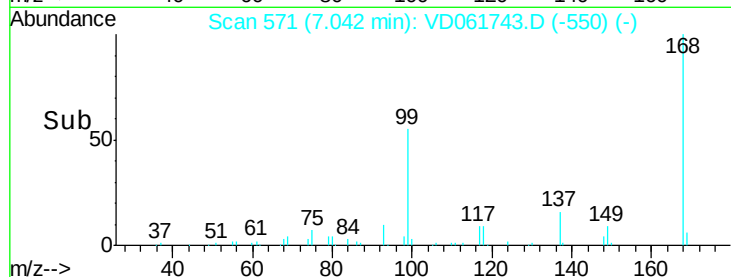
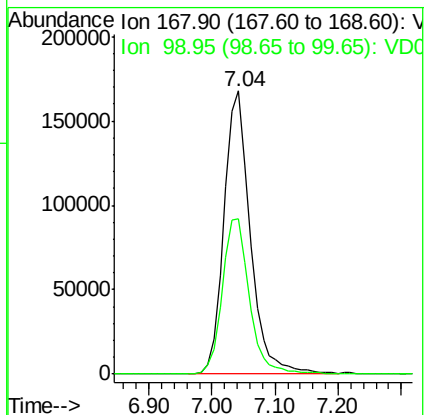
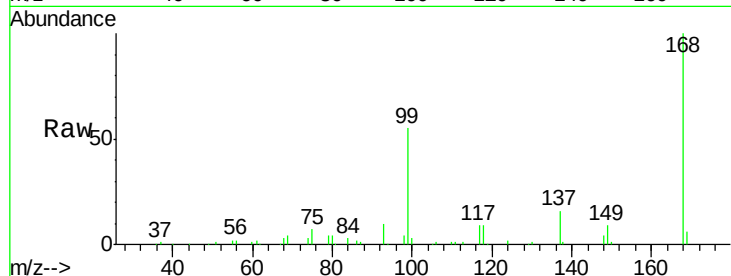
EO-01-040919-B

Tot Ion:168 Resp: 485363

Ion Ratio Lower Upper

168 100

99 54.8 46.8 70.2



#16

Acetone

Concen: 21.876 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061743.D

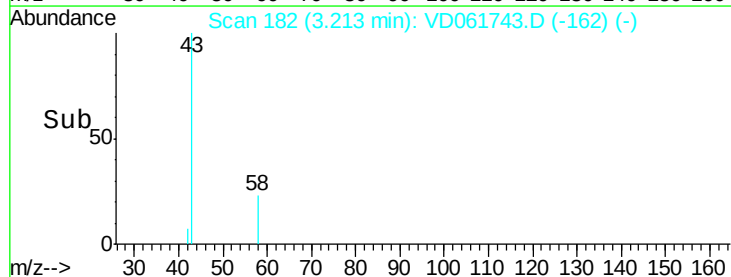
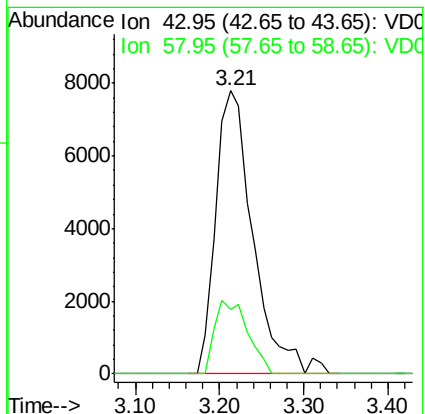
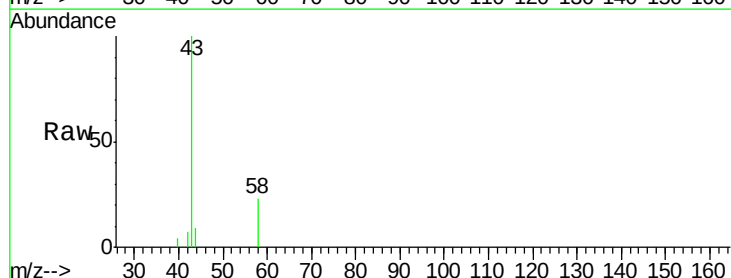
Acq: 11 Apr 2019 16:16

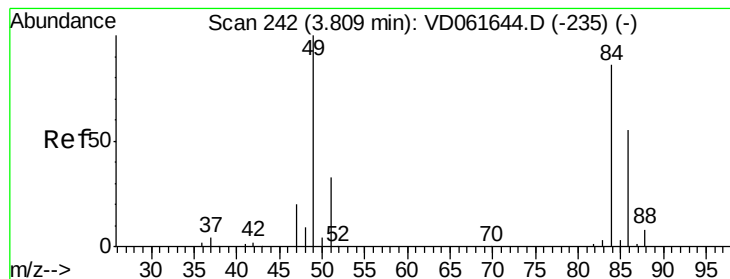
Tgt Ion: 43 Resp: 24059

Ion Ratio Lower Upper

43 100

58 22.9 19.7 29.5





#20

Methylene Chloride

Concen: 11.418 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

EO-01-040919-B

Tot Ion: 84 Resp: 71257

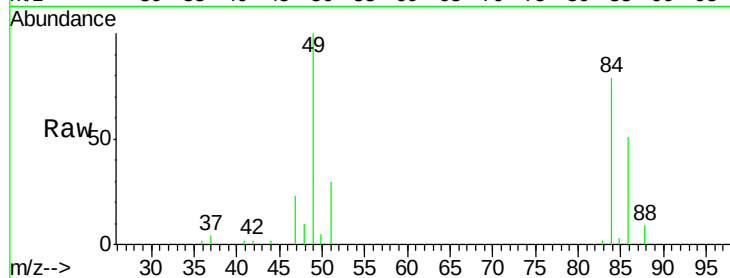
Ion Ratio Lower Upper

84 100

49 126.9 93.0 139.4

51 37.8 30.4 45.6

86 64.9 51.0 76.4

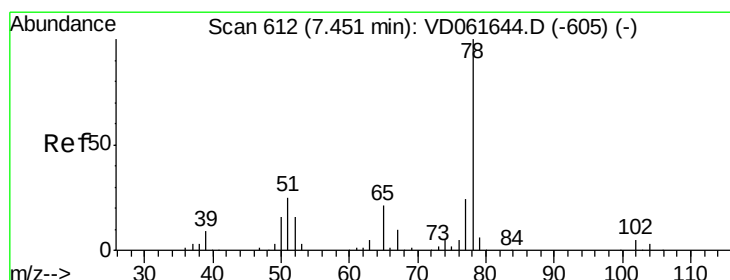
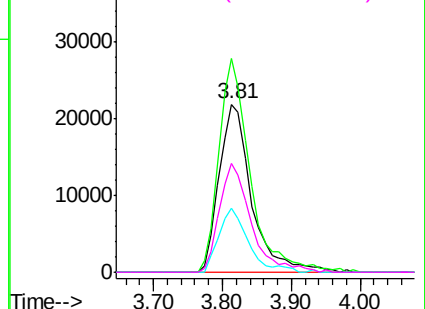
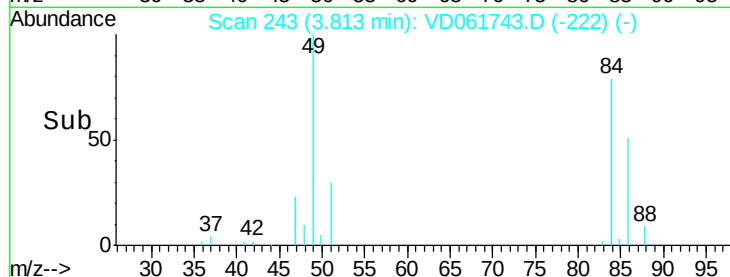


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061743.D

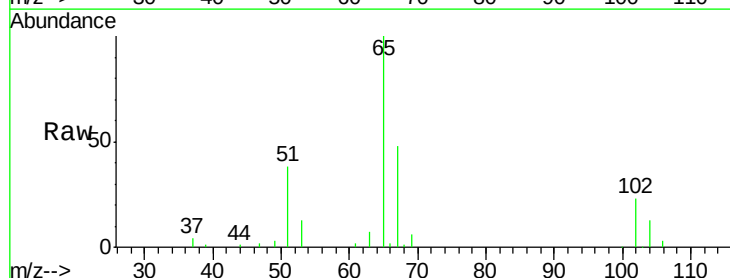
Acq: 11 Apr 2019 16:16

Tgt Ion: 65 Resp: 229794

Ion Ratio Lower Upper

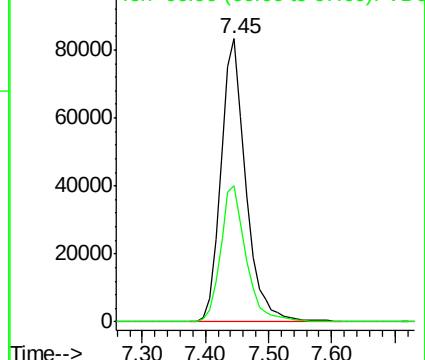
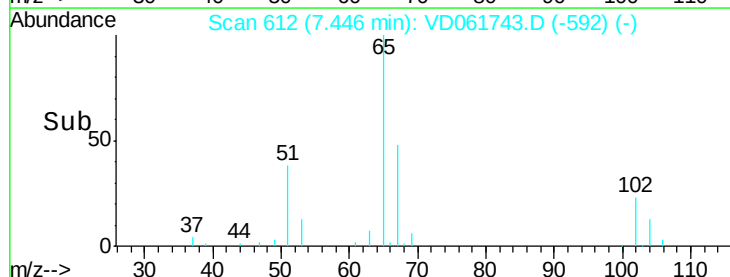
65 100

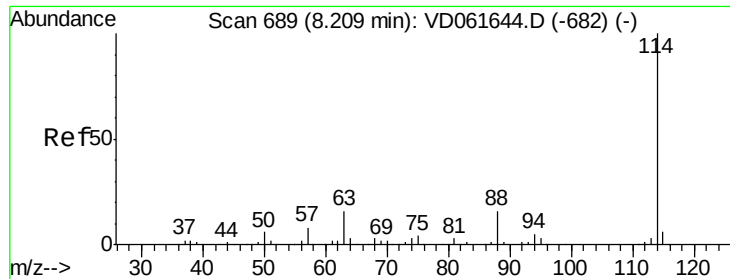
67 48.2 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

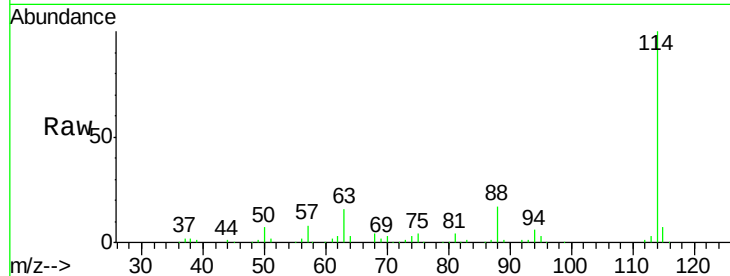




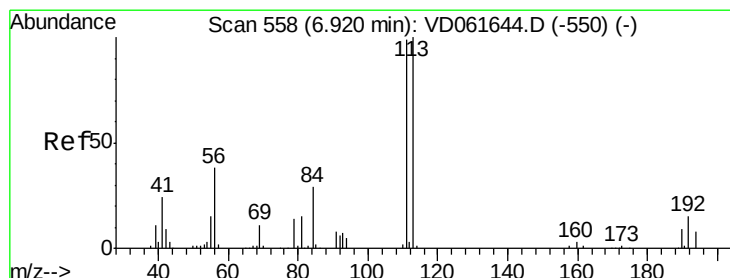
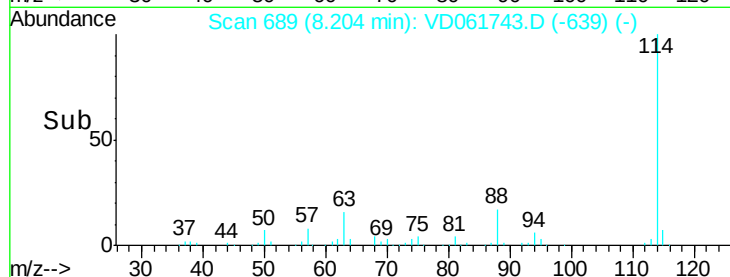
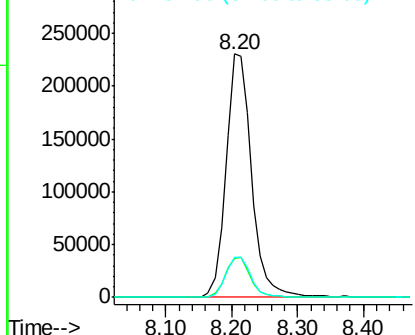
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

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

Tot Ion:114 Resp: 626026
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.5 0.0 31.8

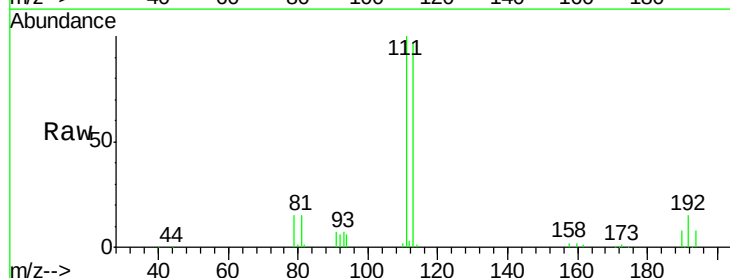


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

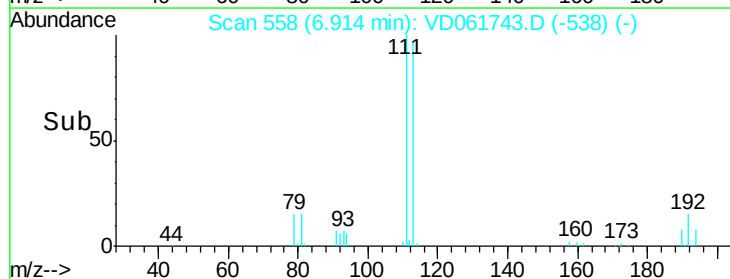
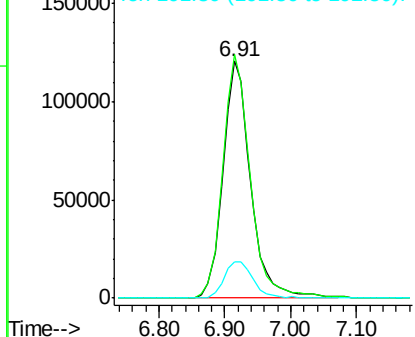


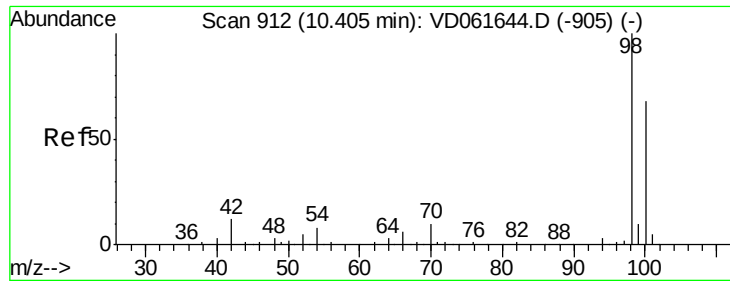
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Tgt Ion:113 Resp: 353874
 Ion Ratio Lower Upper
 113 100
 111 102.8 79.3 118.9
 192 15.3 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: VD061743.D

Acq: 11 Apr 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

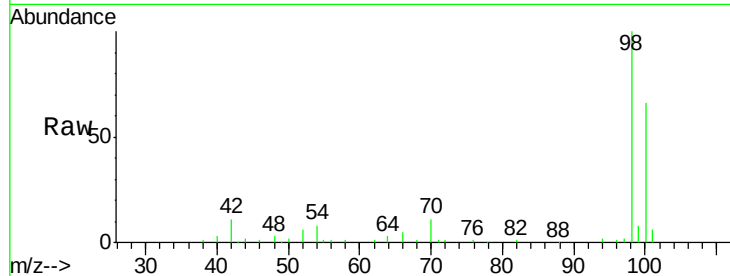
EO-01-040919-B

Tot Ion: 98 Resp: 218858

Ion Ratio Lower Upper

98 100

100 65.6 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) (-)

10.40

100000

80000

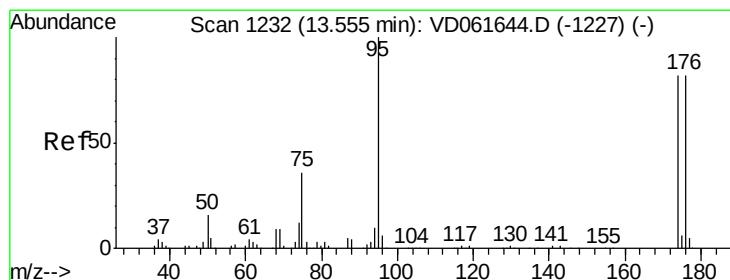
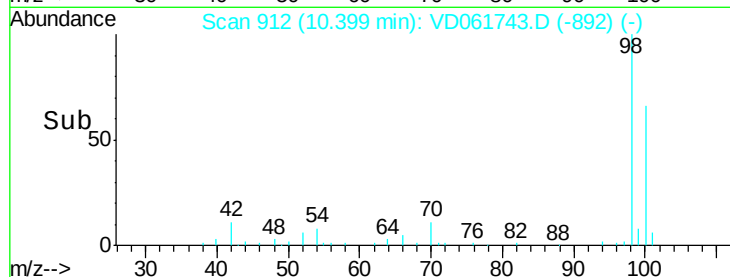
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

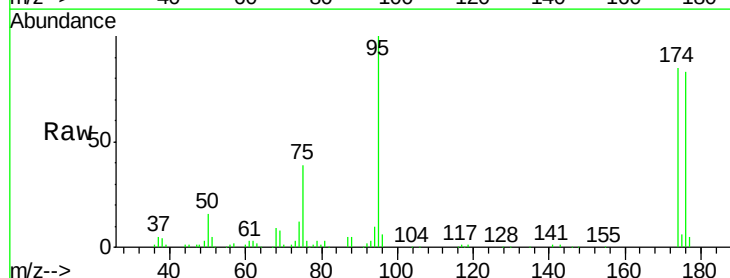
Tgt Ion: 95 Resp: 237527

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.6

176 83.3 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) (-)

200000

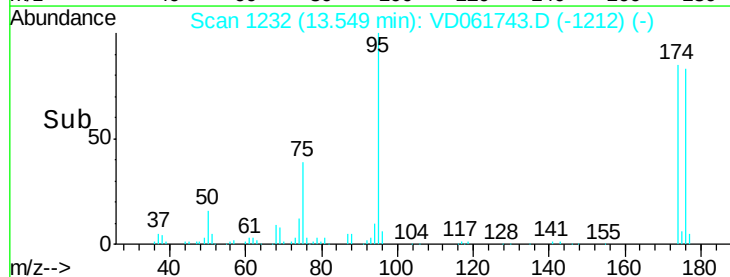
150000

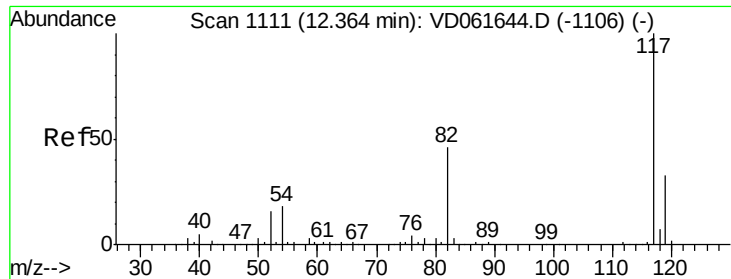
100000

50000

0

Time-->

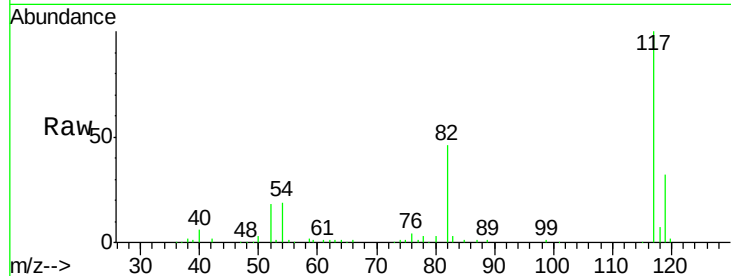




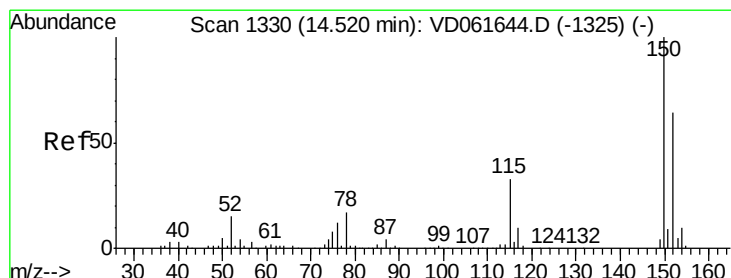
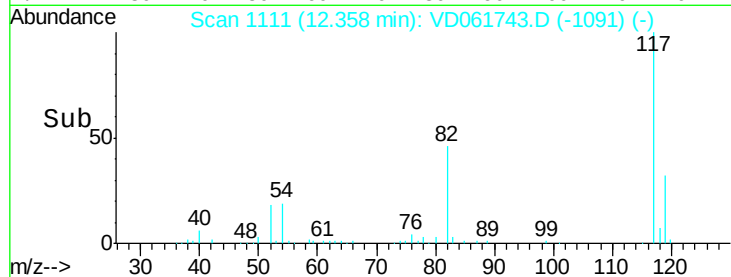
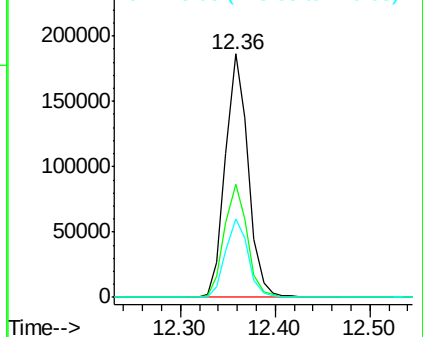
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

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

Tot Ion:117 Resp: 310903
 Ion Ratio Lower Upper
 117 100
 82 46.5 36.8 55.2
 119 32.2 26.1 39.1

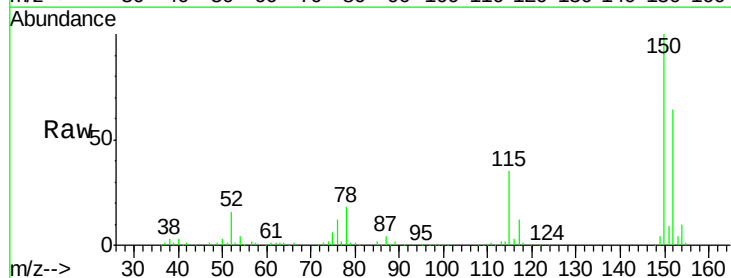


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Tgt Ion:152 Resp: 215029
 Ion Ratio Lower Upper
 152 100
 115 55.3 26.4 79.2
 150 156.3 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

