

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061553.D
 Acq On : 3 Apr 2019 12:00
 Operator : VA/AP
 Sample : K2203-03
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-040219-B

Quant Time: Apr 04 01:26:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

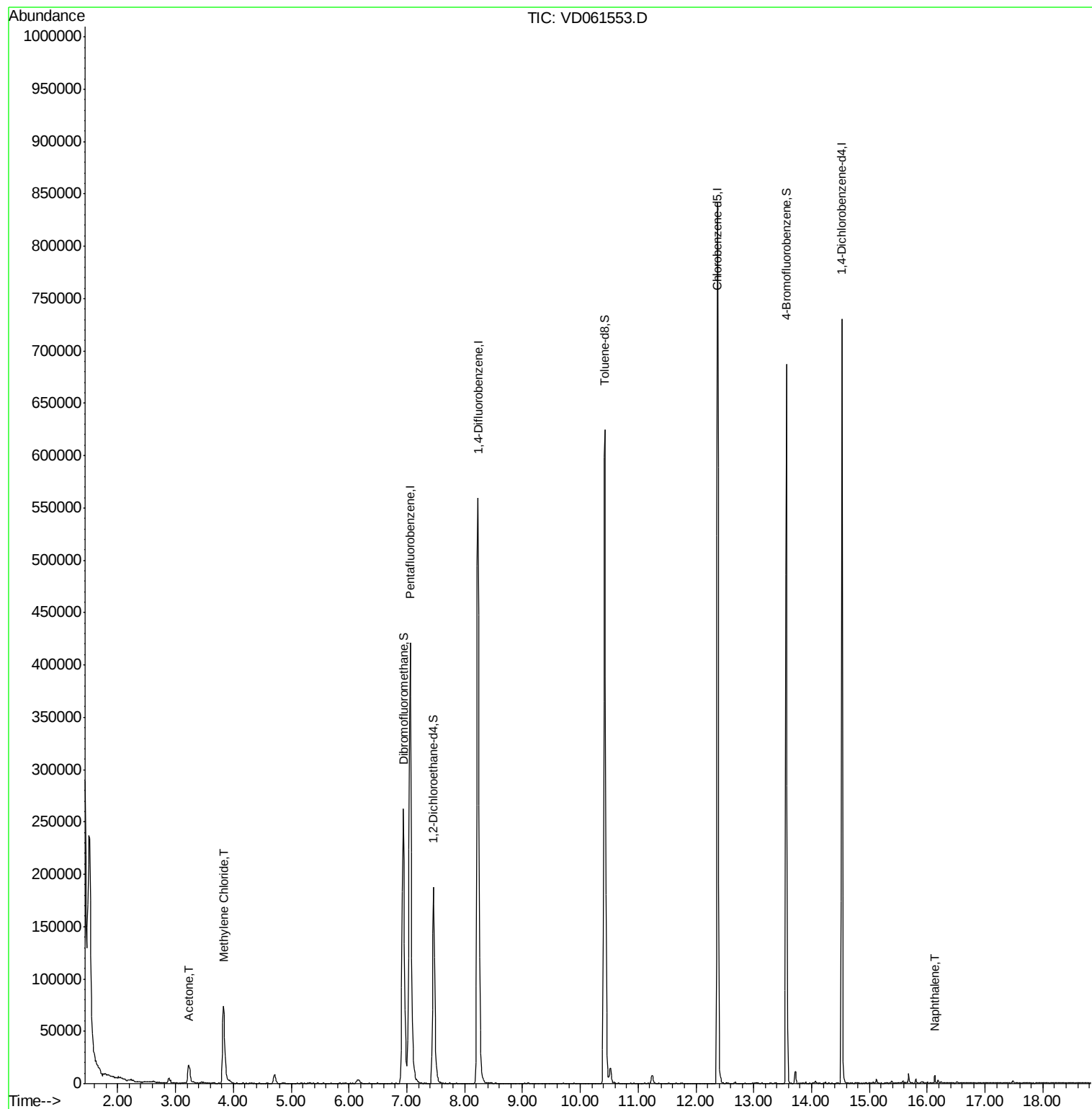
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	408464	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	667144	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	505726	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	189221	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	194439	55.72	ug/l	0.03
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	6.94	113	263236	51.63	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	10.42	98	560887	45.87	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	13.56	95	210131	44.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	3.23	43	41203	45.936	ug/l	96
20) Methylene Chloride	3.83	84	56056	9.605	ug/l	98
95) Naphthalene	16.13	128	6566	1.744	ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

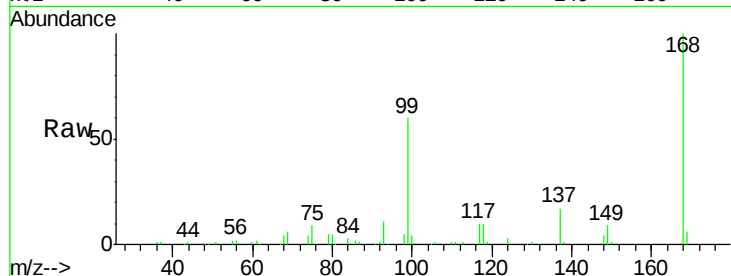
SU-03-040219-B

Tot Ion:168 Resp: 408464

Ion Ratio Lower Upper

168 100

99 59.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

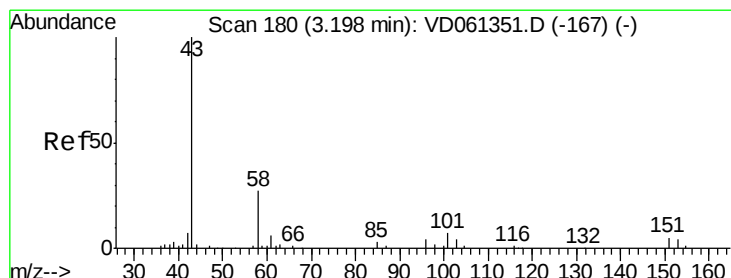
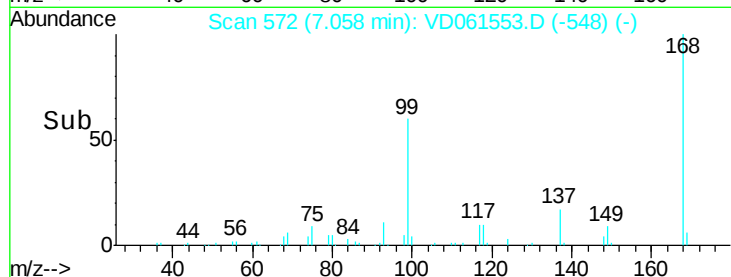
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 45.936 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061553.D

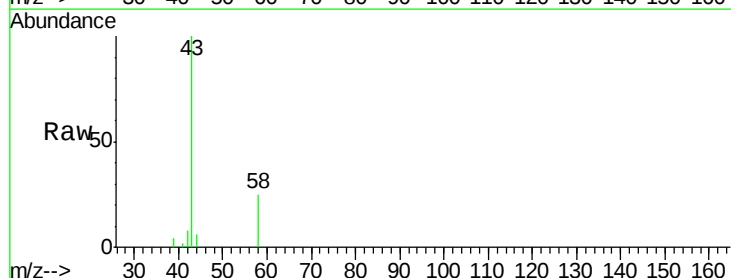
Acq: 3 Apr 2019 12:00

Tgt Ion: 43 Resp: 41203

Ion Ratio Lower Upper

43 100

58 24.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

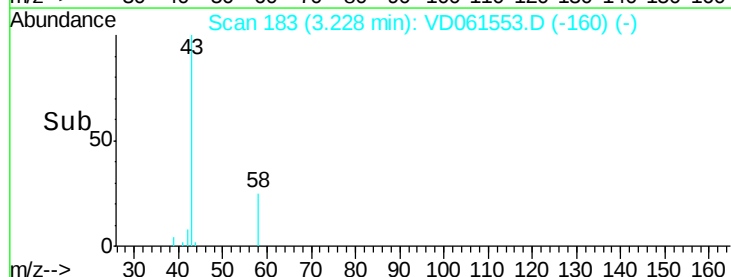
3.23

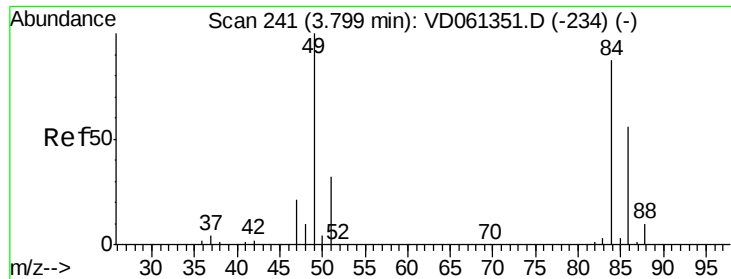
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

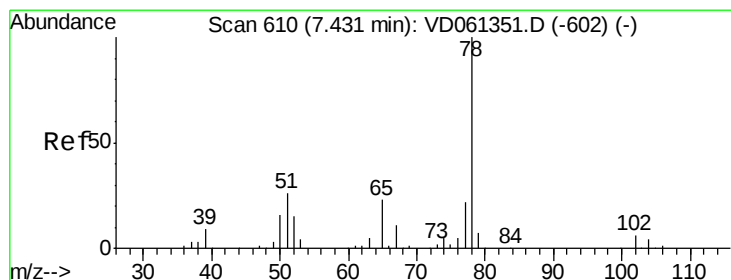
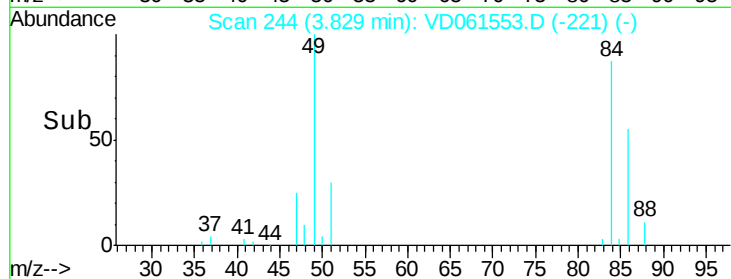
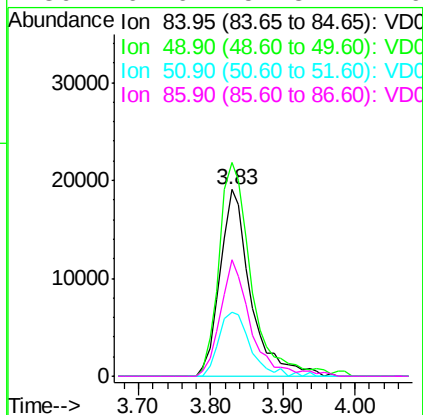
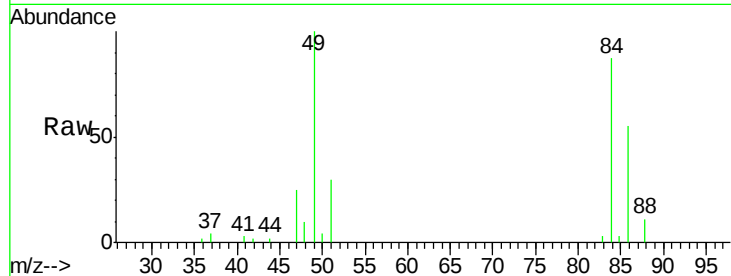




#20
Methylene Chloride
Concen: 9.605 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD061553.D
Acq: 3 Apr 2019 12:00

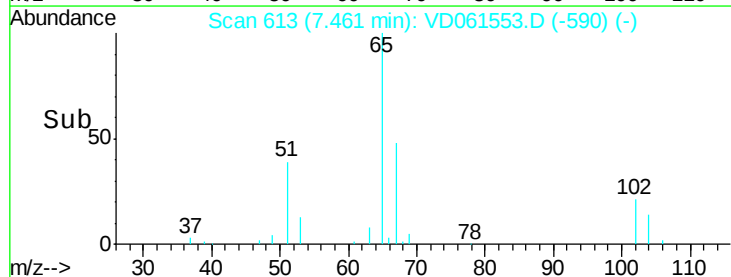
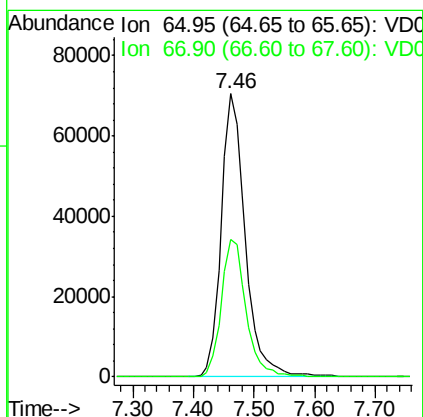
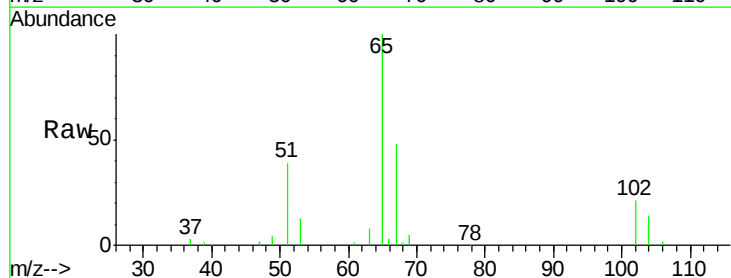
Instrument :
MSVOA_D
ClientSampleId :
SU-03-040219-B

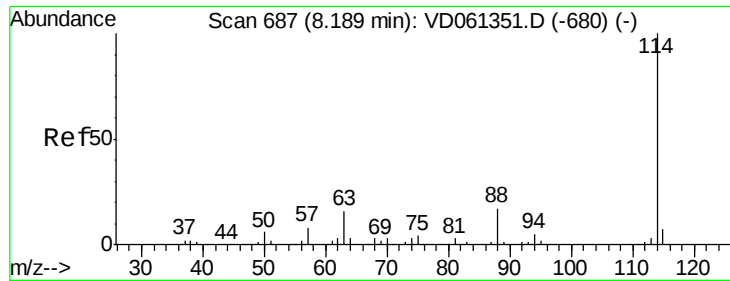
Tot Ion: 84 Resp: 56056
Ion Ratio Lower Upper
84 100
49 114.6 91.8 137.8
51 34.2 29.8 44.8
86 62.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD061553.D
Acq: 3 Apr 2019 12:00

Tgt Ion: 65 Resp: 194439
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.8

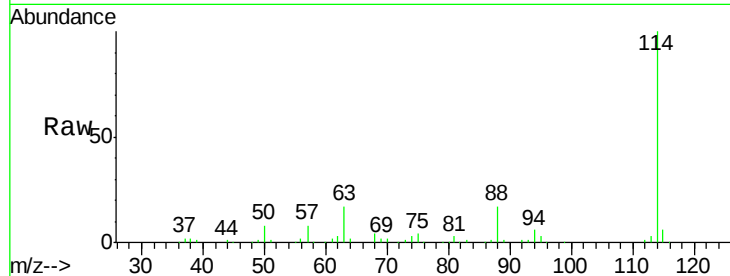




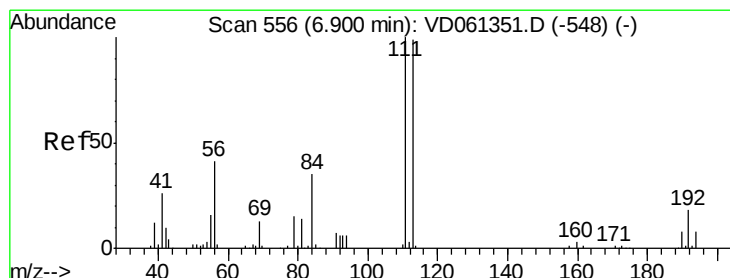
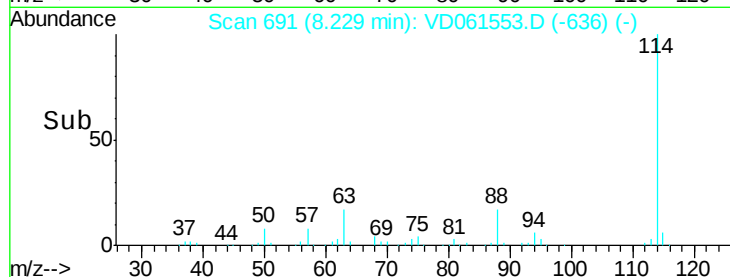
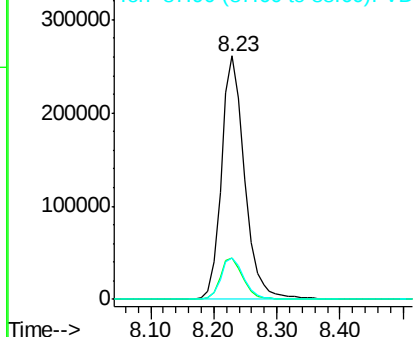
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD061553.D
 Acq: 3 Apr 2019 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-040219-B

Tot Ion:114 Resp: 667144
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 31.6
 88 16.9 0.0 33.4

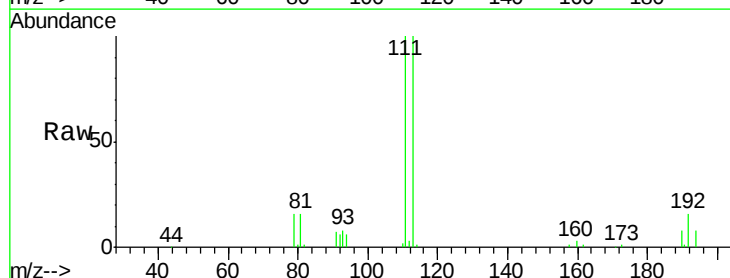


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

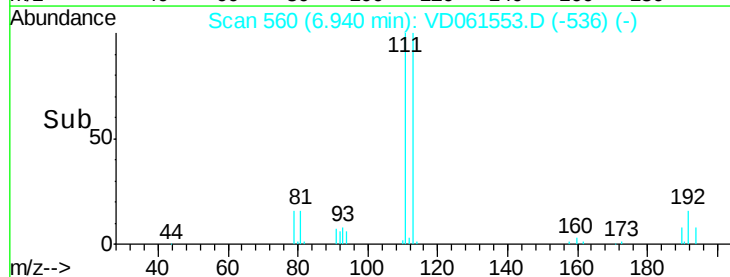
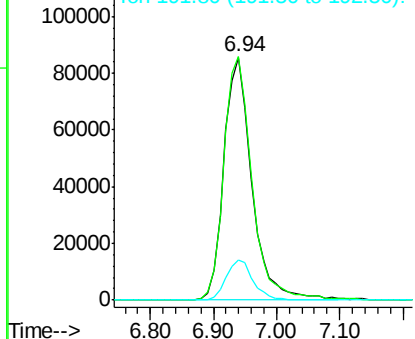


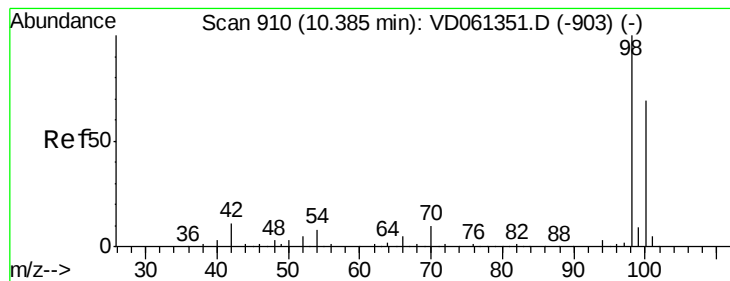
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061553.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:113 Resp: 263236
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.0 121.6
 192 16.5 14.4 21.6



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: 10.42 min Scan# 914

Delta R.T. 0.04 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

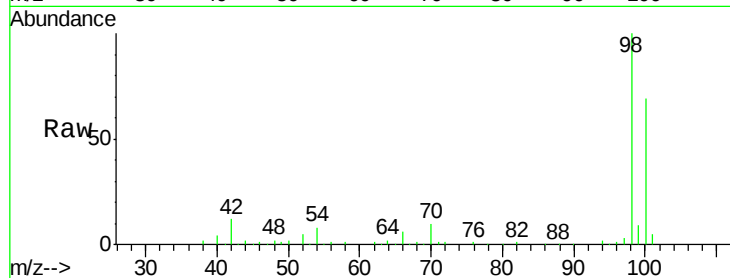
SU-03-040219-B

Tot Ion: 98 Resp: 560887

Ion Ratio Lower Upper

98 100

100 68.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.42

250000

200000

150000

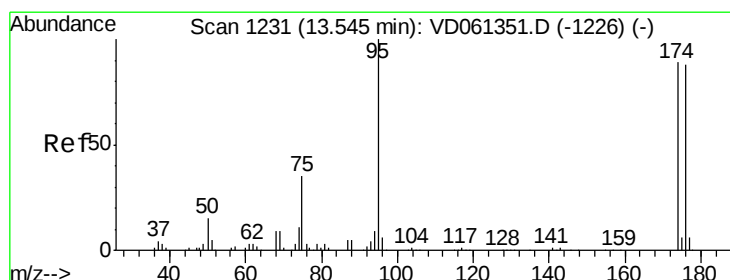
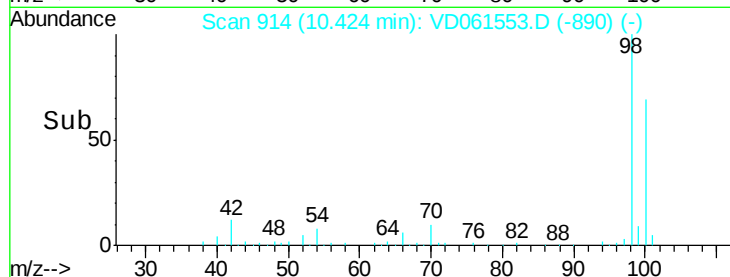
100000

50000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

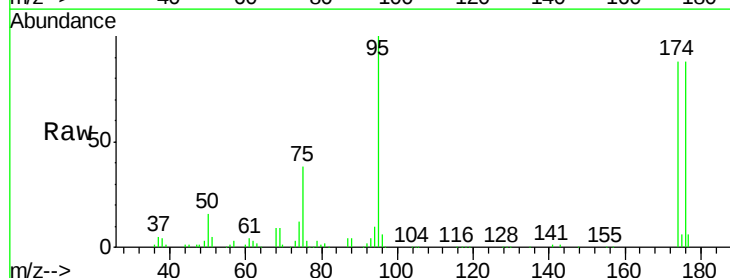
Tgt Ion: 95 Resp: 210131

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.0

176 88.2 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

200000

150000

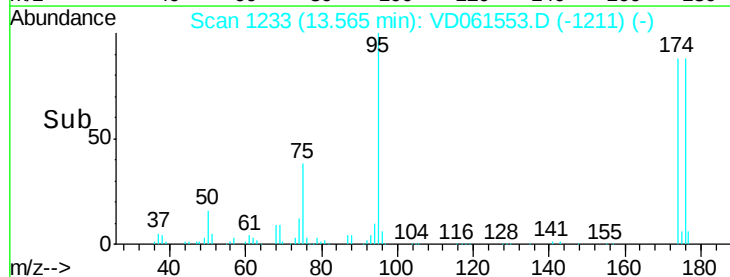
100000

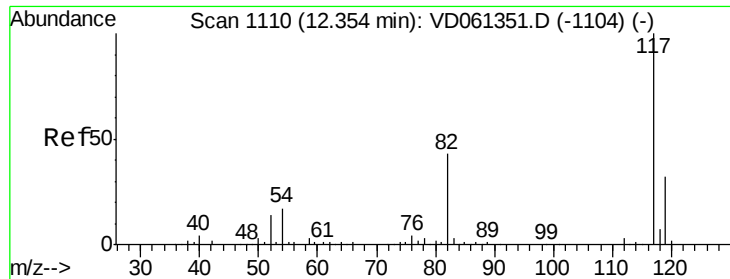
50000

0

13.50 13.55 13.60 13.65

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

SU-03-040219-B

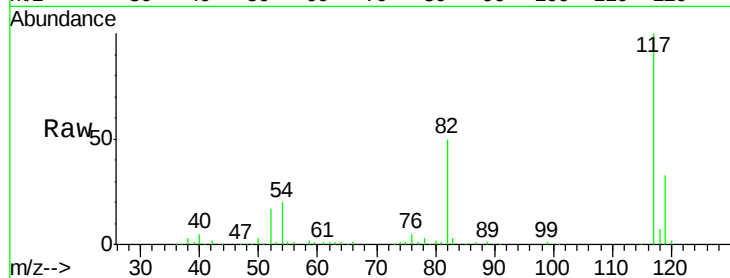
Tot Ion:117 Resp: 505726

Ion Ratio Lower Upper

117 100

82 49.5 34.4 51.6

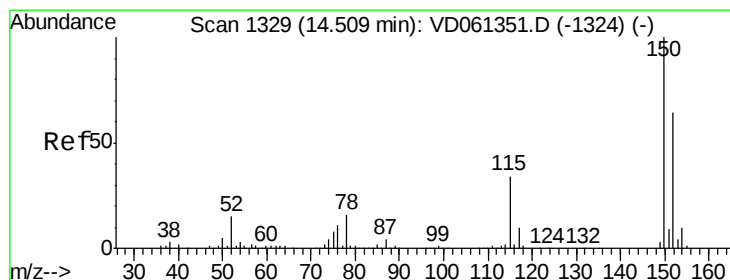
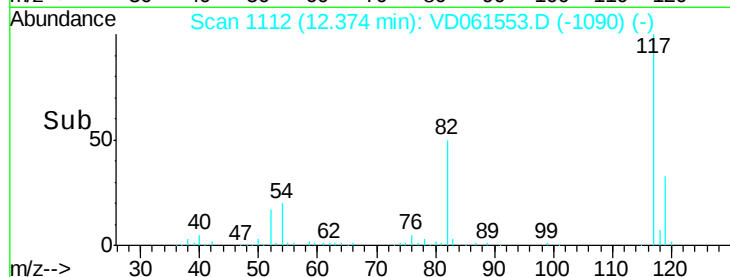
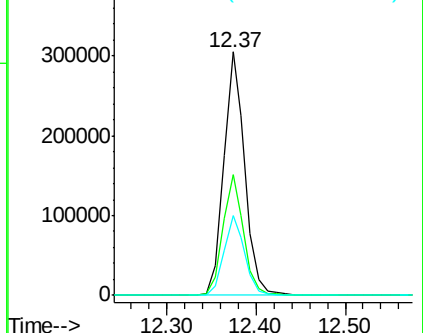
119 33.0 25.8 38.6



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: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

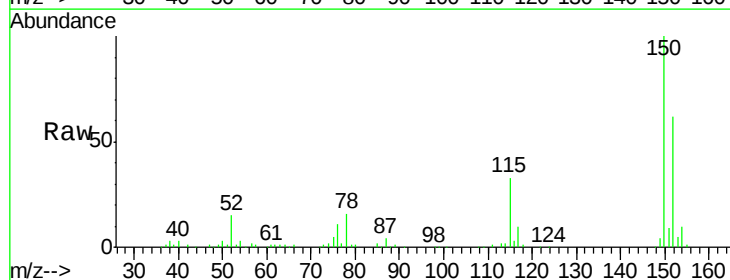
Tgt Ion:152 Resp: 189221

Ion Ratio Lower Upper

152 100

115 53.5 26.9 80.6

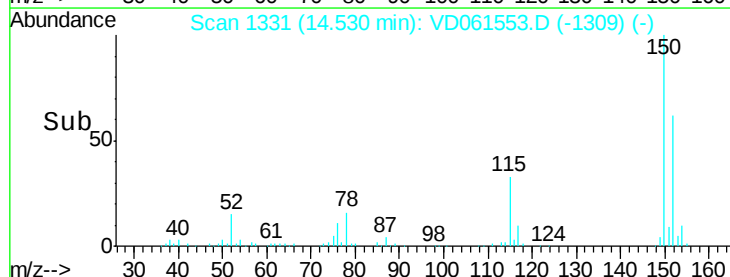
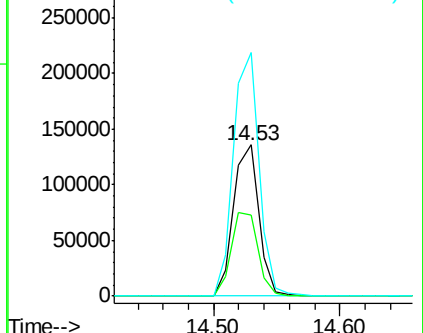
150 161.1 0.0 318.0

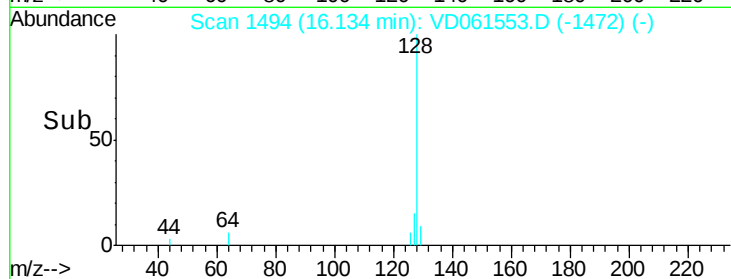
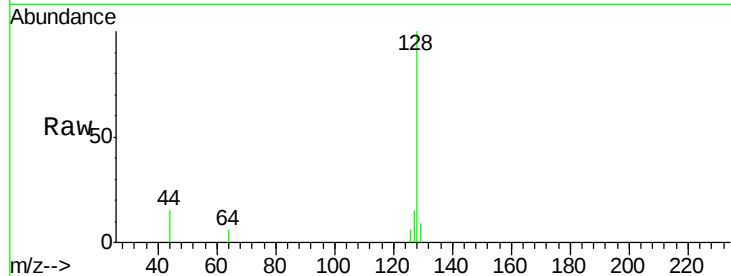
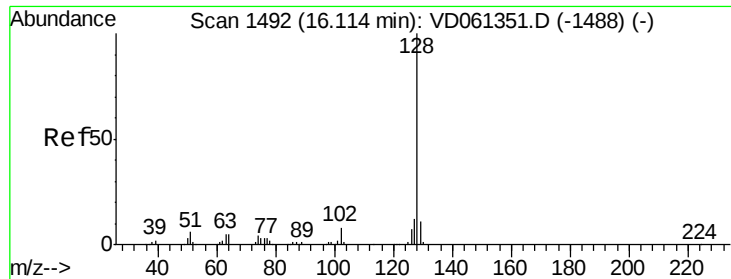


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Napthalene

Concen: 1.744 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.02 min

Lab File: VD061553.D

Acq: 3 Apr 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

SU-03-040219-B

Tot Ion:128 Resp: 6566

Ion Ratio Lower Upper

128 100

127 15.5 9.9 14.9#

129 8.8 8.9 13.3#

