

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062036.D
 Acq On : 25 Apr 2019 13:55
 Operator : VA/AP
 Sample : K2532-22
 Misc : 4.25g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-2

Quant Time: Apr 25 15:33:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

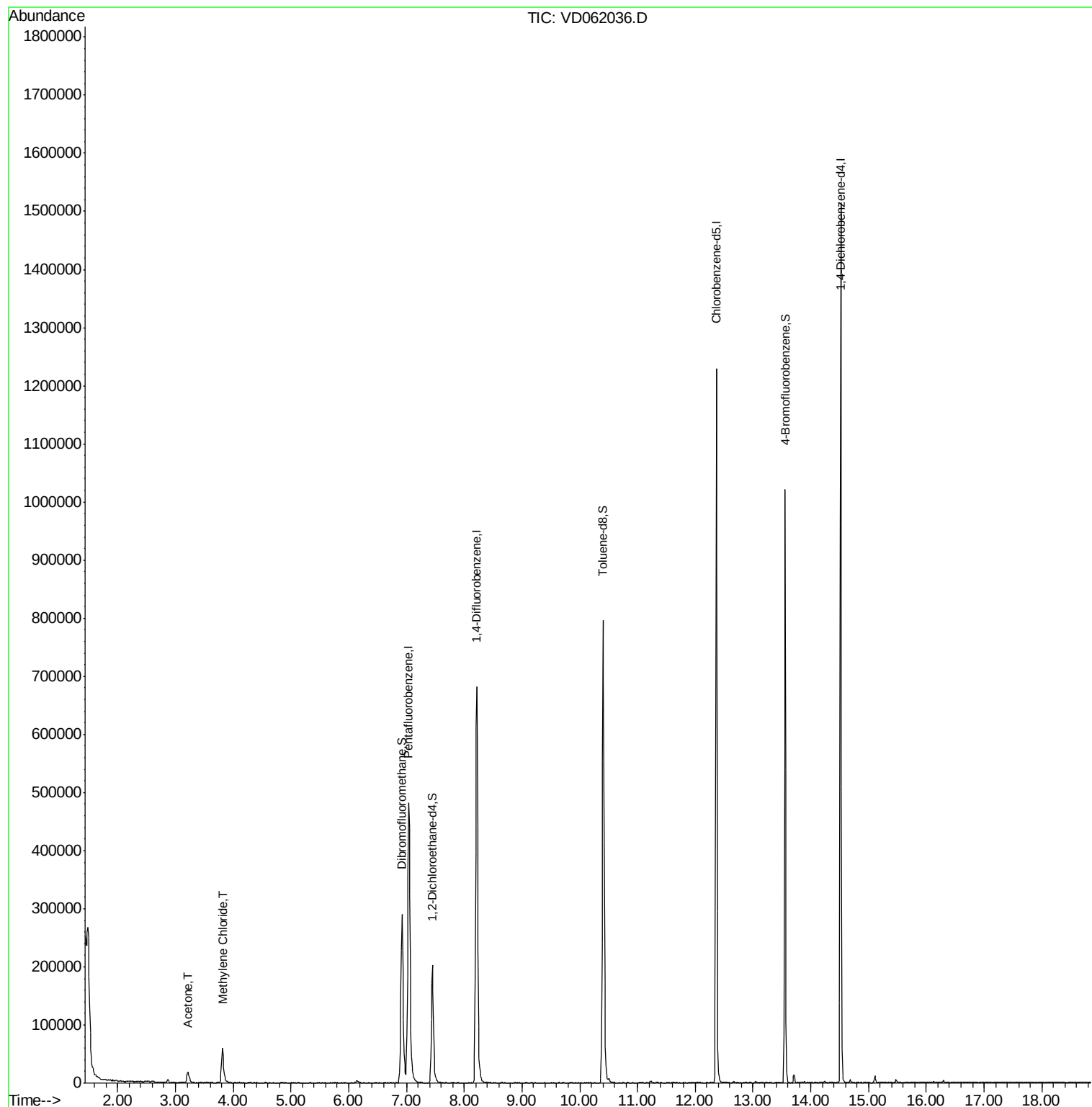
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	476026	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	780649	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	717175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	337097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	205026	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	6.92	113	280032	51.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	10.40	98	701789	54.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.26%	
62) 4-Bromofluorobenzene	13.55	95	307168	59.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.22%	
Target Compounds						
16) Acetone	3.22	43	37442	42.090	ug/l	100
20) Methylene Chloride	3.82	84	45191	7.740	ug/l	87

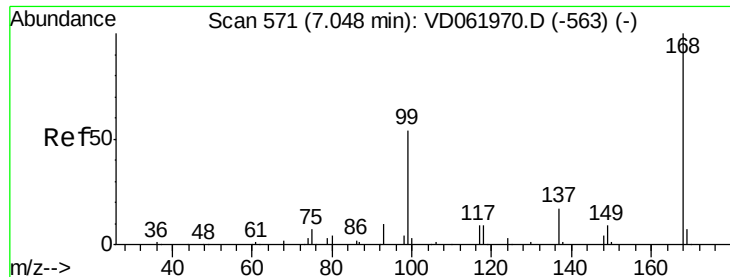
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

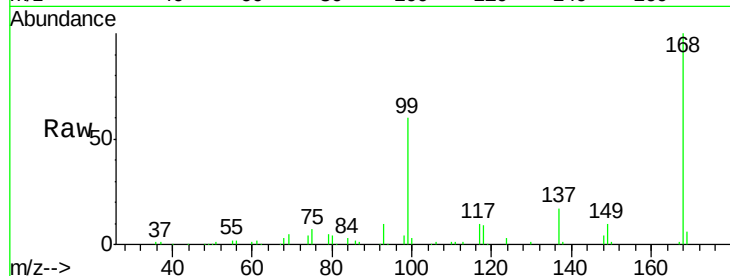
TP-4-2

Tot Ion:168 Resp: 476026

Ion Ratio Lower Upper

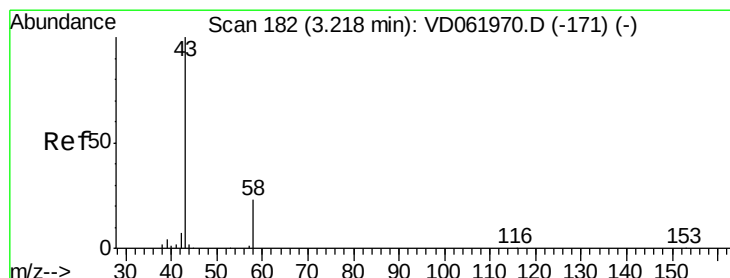
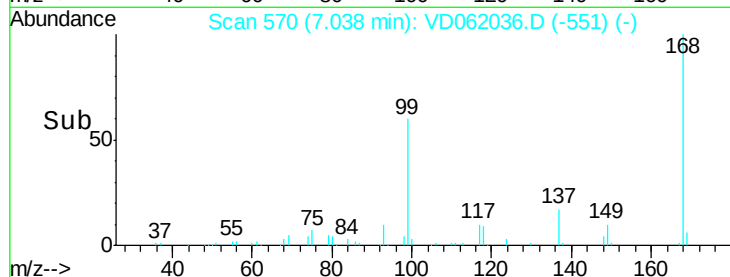
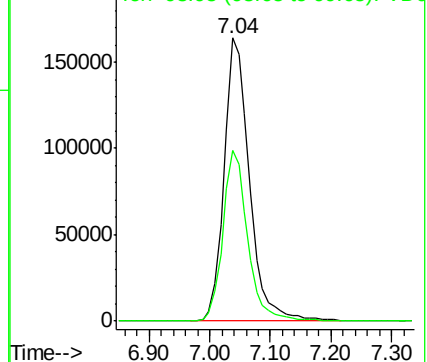
168 100

99 60.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 42.090 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD062036.D

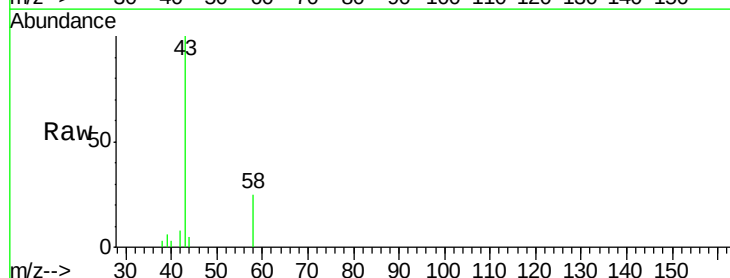
Acq: 25 Apr 2019 13:55

Tgt Ion: 43 Resp: 37442

Ion Ratio Lower Upper

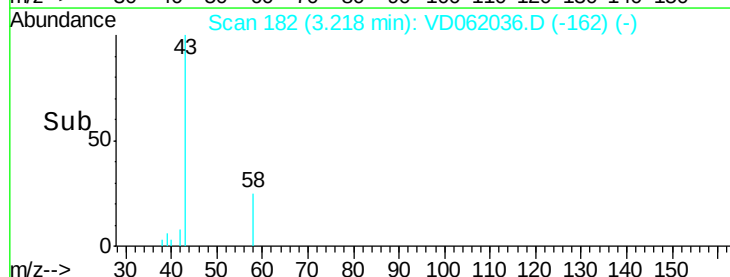
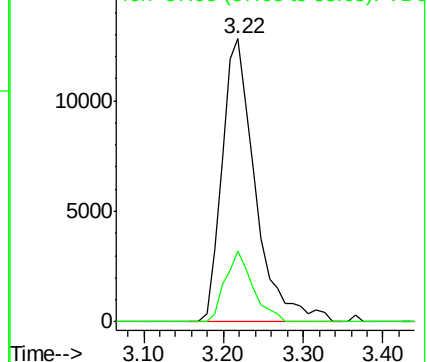
43 100

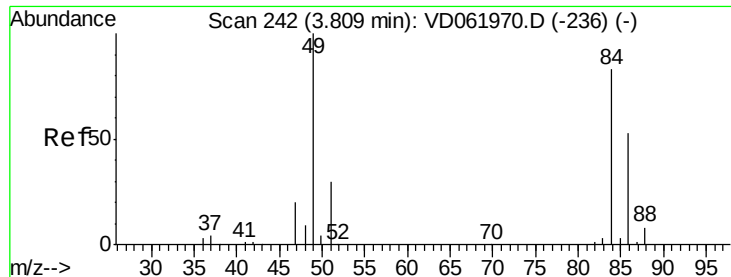
58 25.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

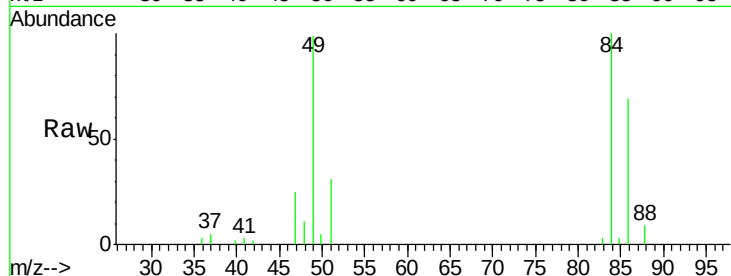




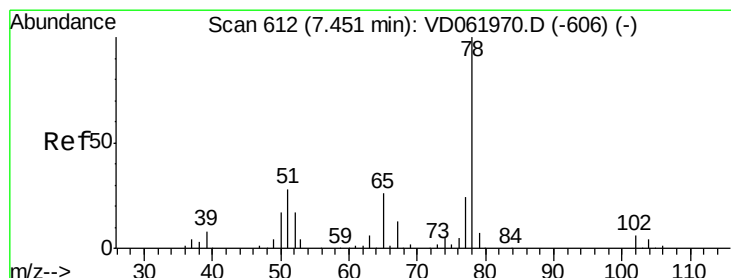
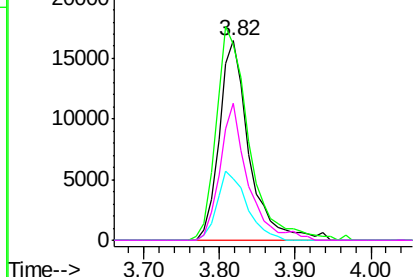
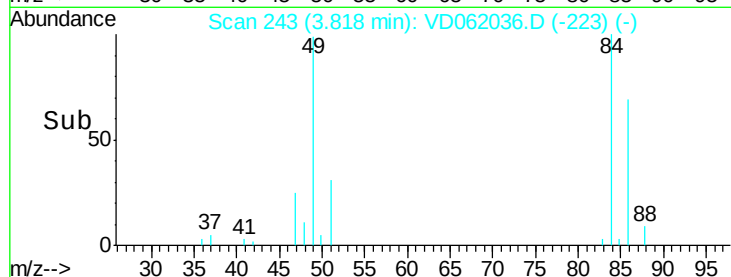
#20
Methylene Chloride
Concen: 7.740 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062036.D
Acq: 25 Apr 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :
TP-4-2

Tot Ion: 84 Resp: 45191
Ion Ratio Lower Upper
84 100
49 98.6 94.0 141.0
51 30.9 29.0 43.4
86 69.0 49.8 74.6

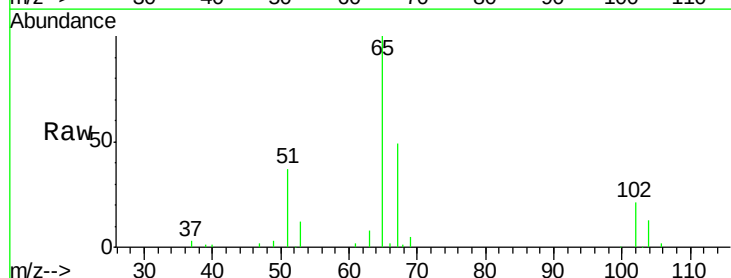


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

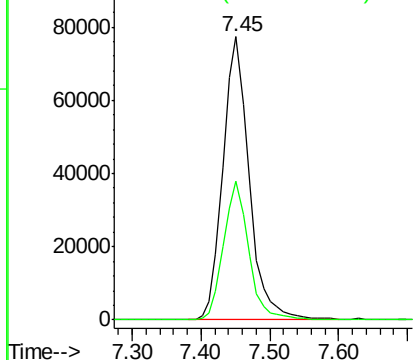
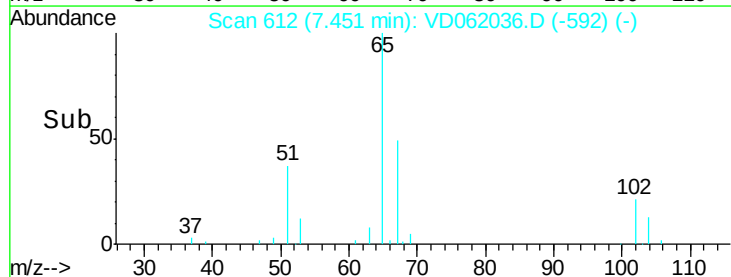


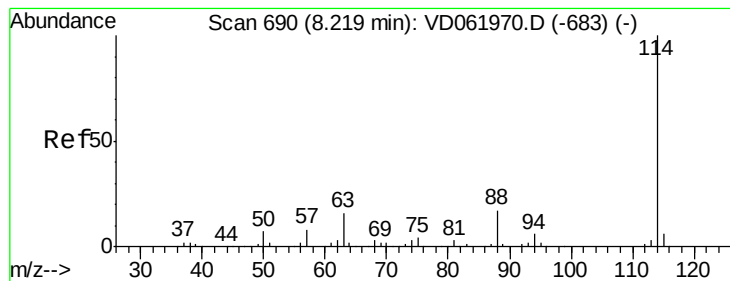
#33
1,2-Dichloroethane-d4
Concen: 55.031 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062036.D
Acq: 25 Apr 2019 13:55

Tgt Ion: 65 Resp: 205026
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062036.D

Acq: 25 Apr 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

TP-4-2

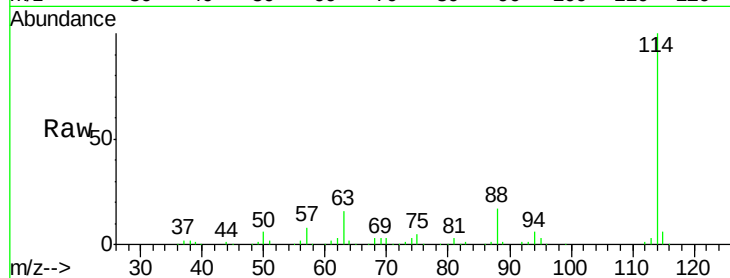
Tot Ion:114 Resp: 780649

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

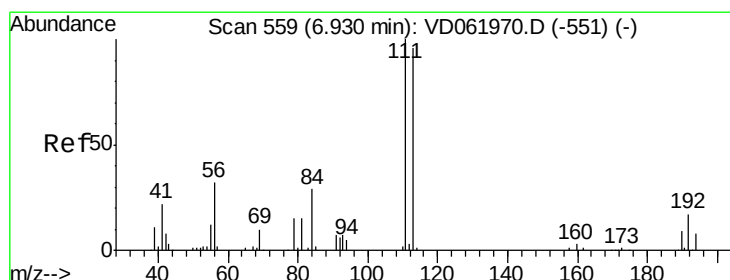
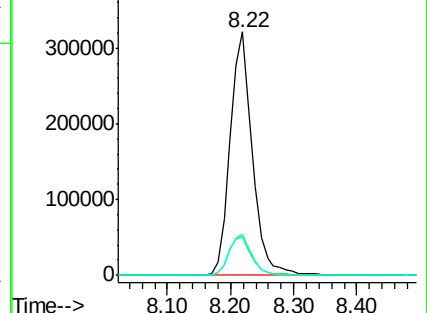
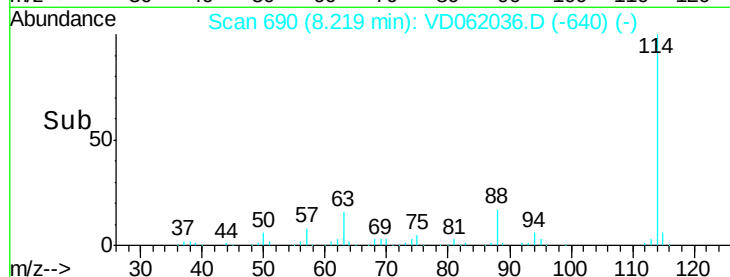
88 17.1 0.0 33.6



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: 51.868 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062036.D

Acq: 25 Apr 2019 13:55

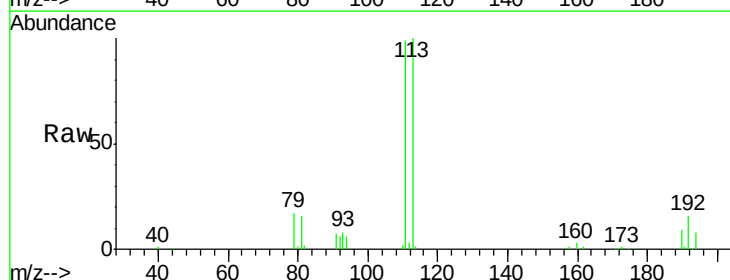
Tgt Ion:113 Resp: 280032

Ion Ratio Lower Upper

113 100

111 99.4 78.5 117.7

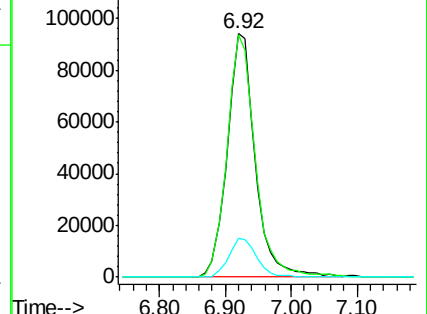
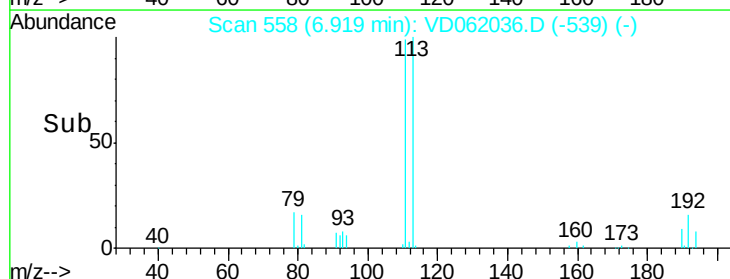
192 16.1 13.0 19.4

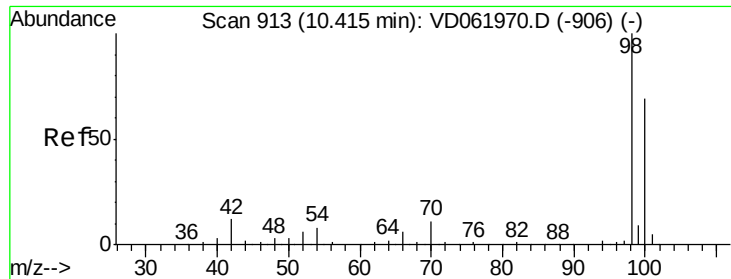


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 54.628 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062036.D

Acq: 25 Apr 2019 13:55

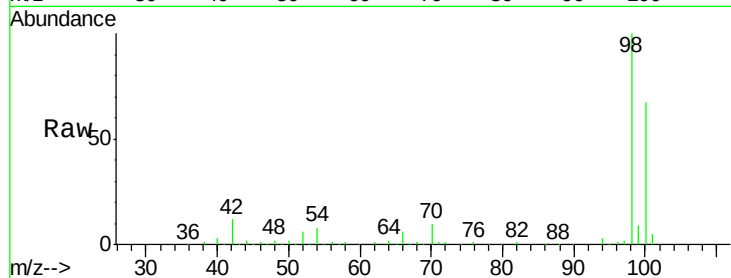
Instrument :
MSVOA_D
ClientSampled :
TP-4-2

Tot Ion: 98 Resp: 701789

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.40

300000

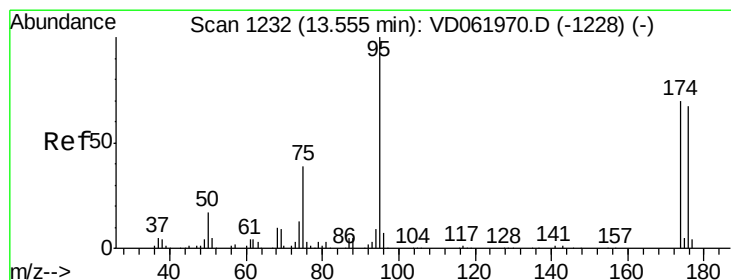
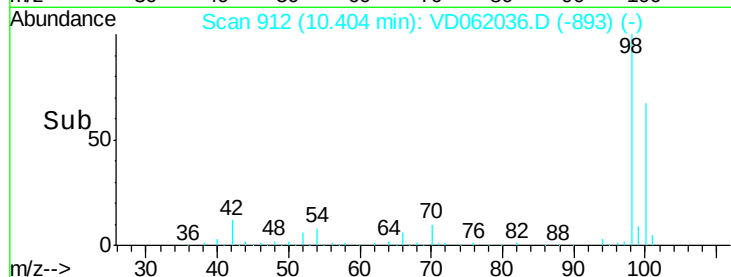
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 59.613 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062036.D

Acq: 25 Apr 2019 13:55

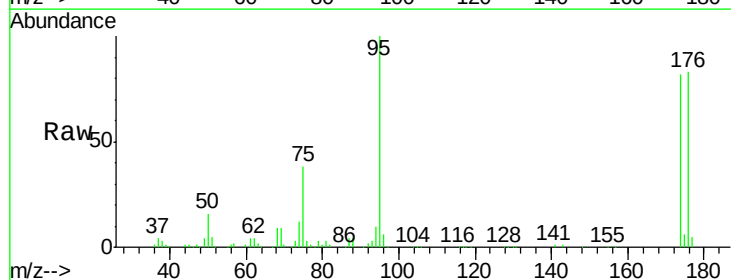
Tgt Ion: 95 Resp: 307168

Ion Ratio Lower Upper

95 100

174 81.9 0.0 181.8

176 82.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

300000

250000

200000

150000

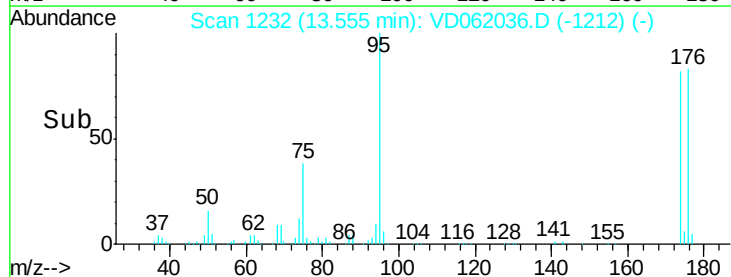
100000

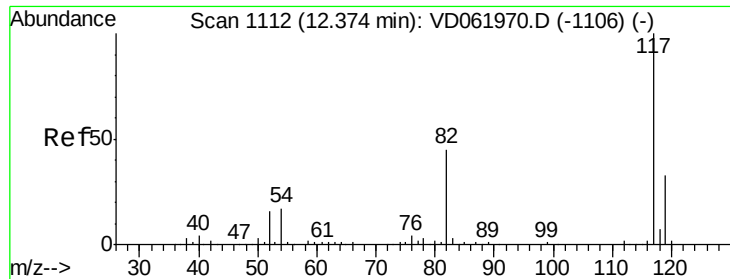
50000

0

Time-->

13.50 13.55 13.60

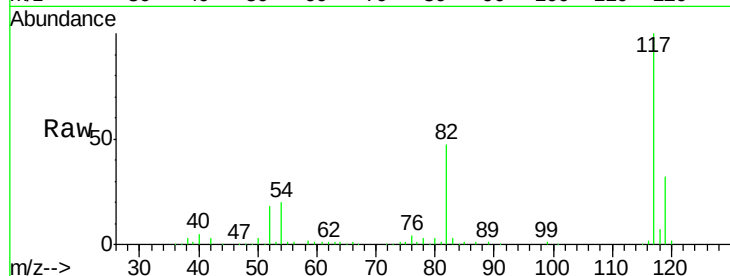




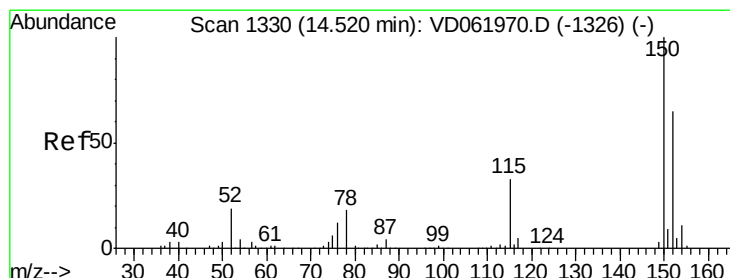
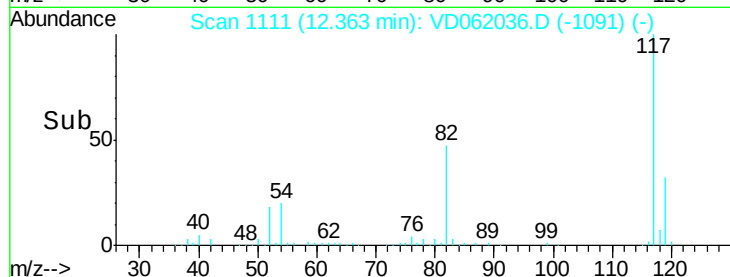
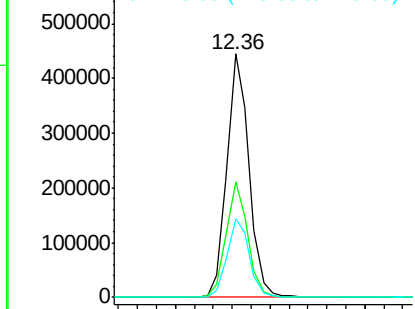
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD062036.D
 Acq: 25 Apr 2019 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-2

Tot Ion:117 Resp: 717175
 Ion Ratio Lower Upper
 117 100
 82 47.3 36.2 54.2
 119 32.4 26.2 39.4

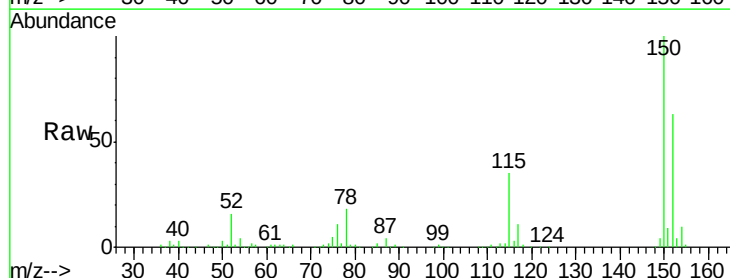


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062036.D
 Acq: 25 Apr 2019 13:55

Tgt Ion:152 Resp: 337097
 Ion Ratio Lower Upper
 152 100
 115 54.9 30.9 92.7
 150 158.0 0.0 314.8



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

