

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061466.D
 Acq On : 1 Apr 2019 13:55
 Operator : VA/AP
 Sample : VD0401SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBL01

Quant Time: Apr 02 01:29:43 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

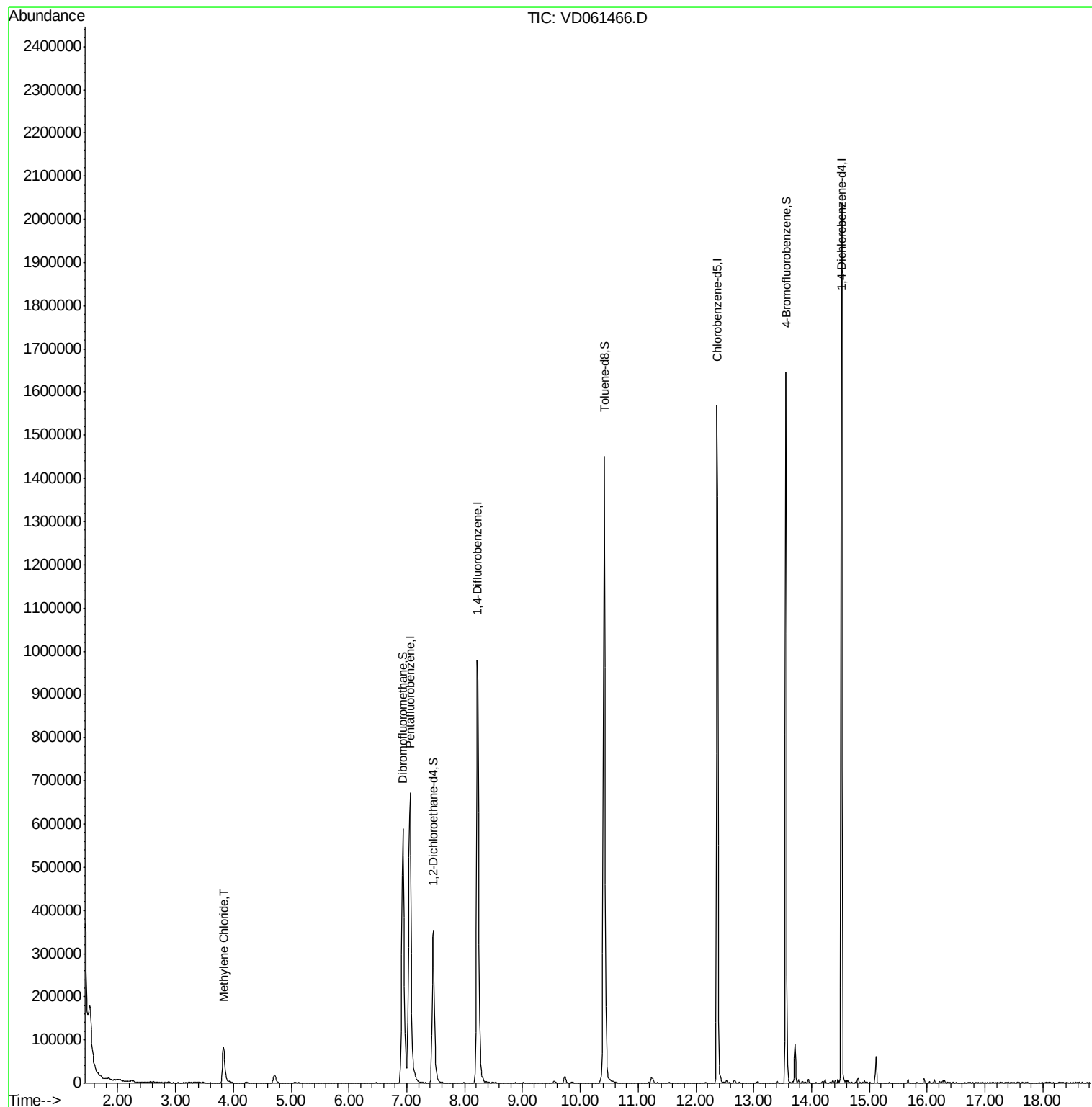
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	752301	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	1281665	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	1017688	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	480833	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	357807	55.68	ug/l	0.03
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	6.93	113	582123	59.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	118.86%	
50) Toluene-d8	10.41	98	1296982	55.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	110.42%	
62) 4-Bromofluorobenzene	13.55	95	510945	56.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.44%	
Target Compounds						
20) Methylene Chloride	3.83	84	64254	5.223	ug/l	Qvalue 95

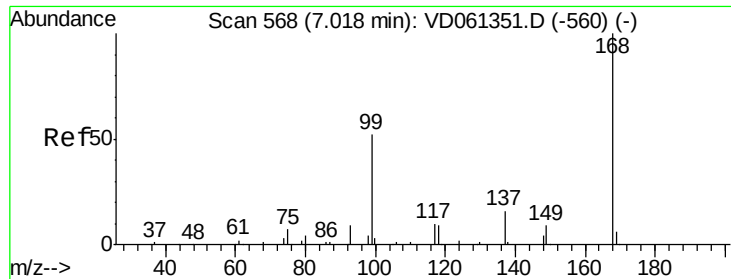
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061466.D

Acq: 1 Apr 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

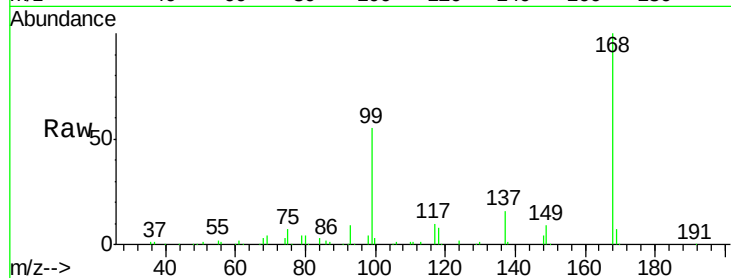
VD0401SBL01

Tot Ion:168 Resp: 752301

Ion Ratio Lower Upper

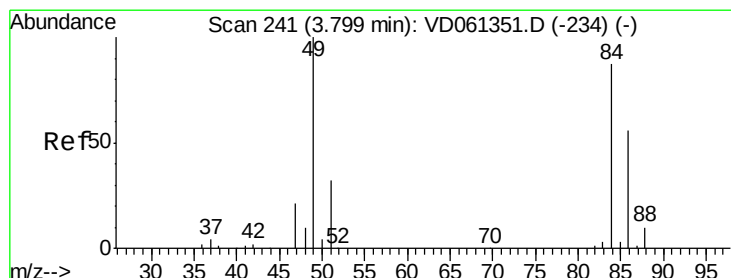
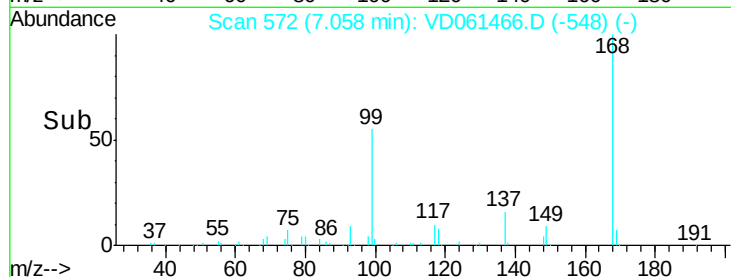
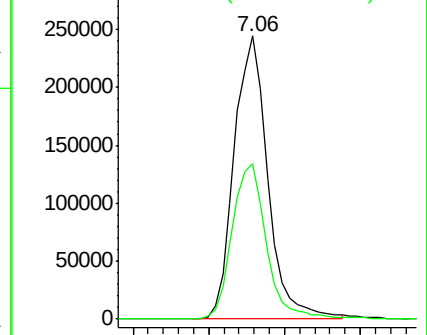
168 100

99 54.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.223 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061466.D

Acq: 1 Apr 2019 13:55

Tgt Ion: 84 Resp: 64254

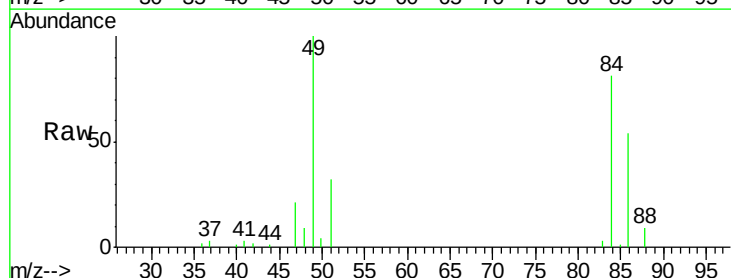
Ion Ratio Lower Upper

84 100

49 123.1 91.8 137.8

51 39.8 29.8 44.8

86 66.1 51.8 77.6

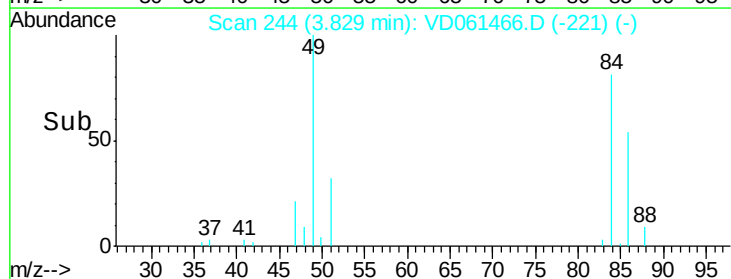
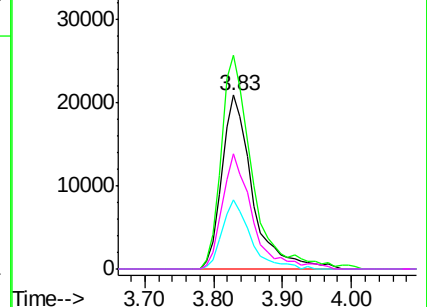


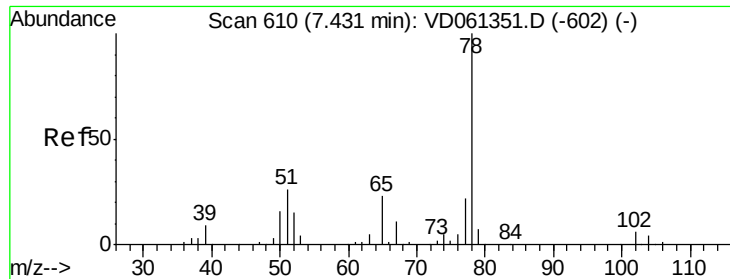
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061466.D

Acq: 1 Apr 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

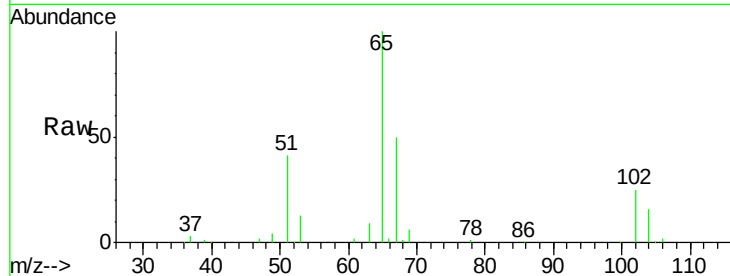
VD0401SBL01

Tot Ion: 65 Resp: 357807

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

150000

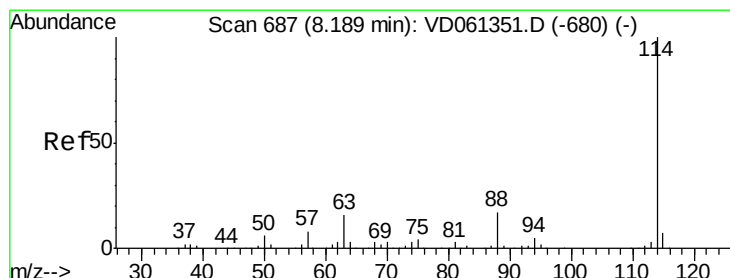
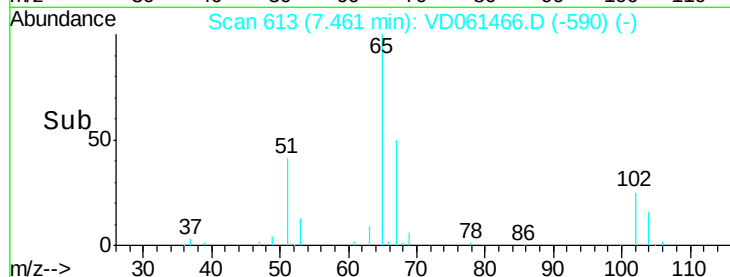
100000

50000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061466.D

Acq: 1 Apr 2019 13:55

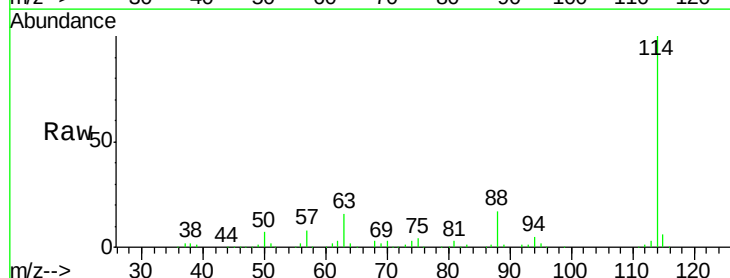
Tgt Ion: 114 Resp: 1281665

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.6

88 17.0 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

500000

400000

300000

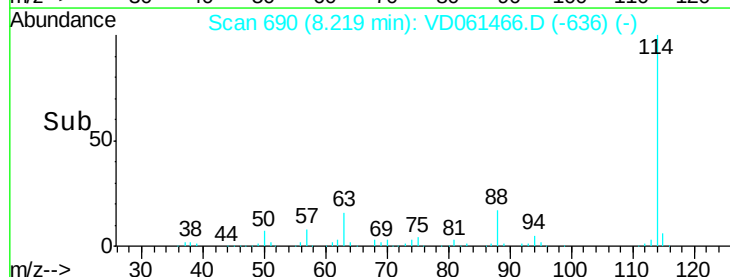
200000

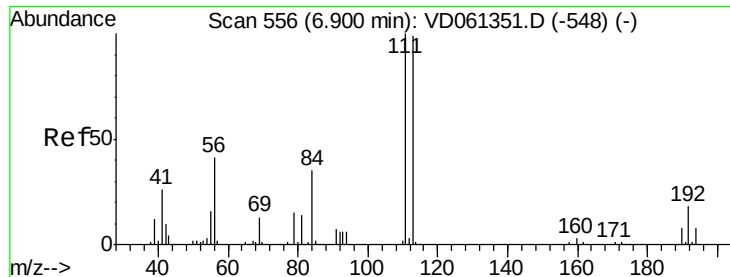
100000

0

Time-->

8.00 8.20 8.40 8.60





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD061466.D

Acq: 1 Apr 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBL01

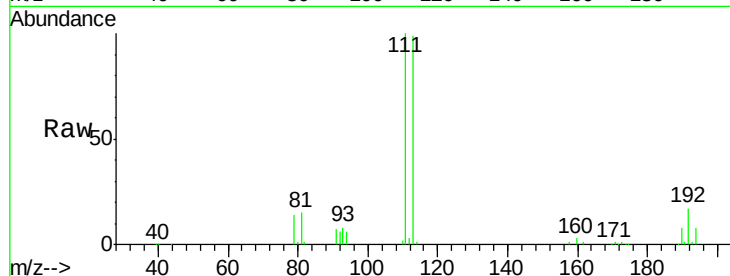
Tot Ion:113 Resp: 582123

Ion Ratio Lower Upper

113 100

111 100.6 81.0 121.6

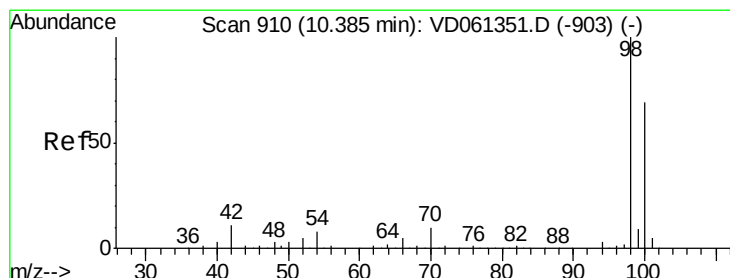
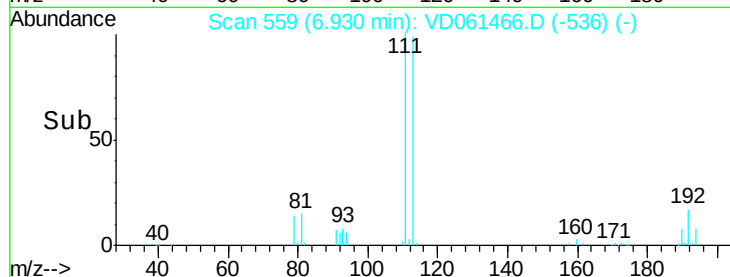
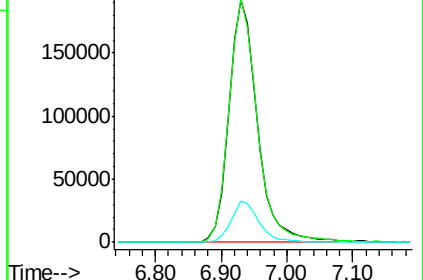
192 17.0 14.4 21.6



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: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061466.D

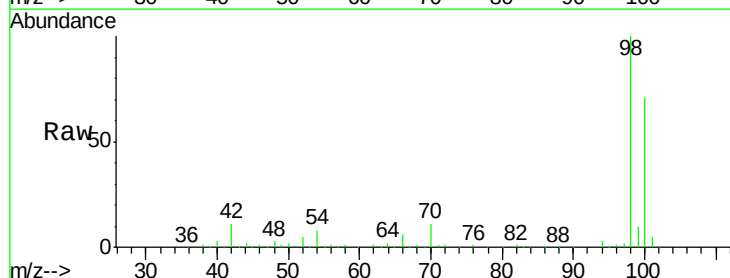
Acq: 1 Apr 2019 13:55

Tgt Ion: 98 Resp: 1296982

Ion Ratio Lower Upper

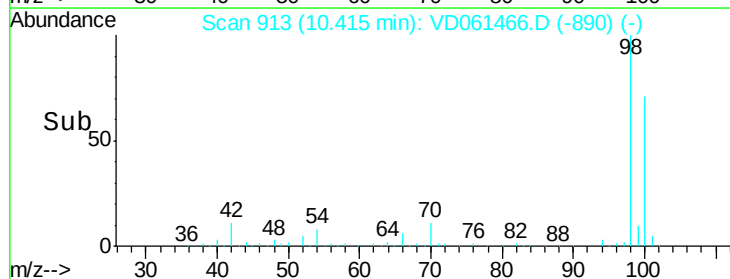
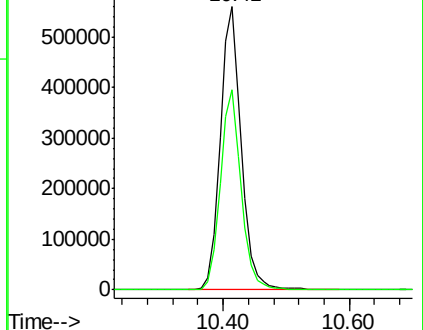
98 100

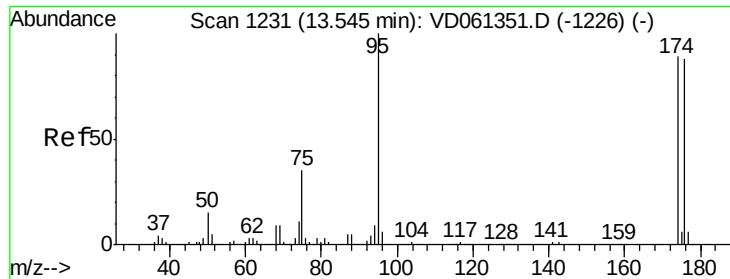
100 70.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

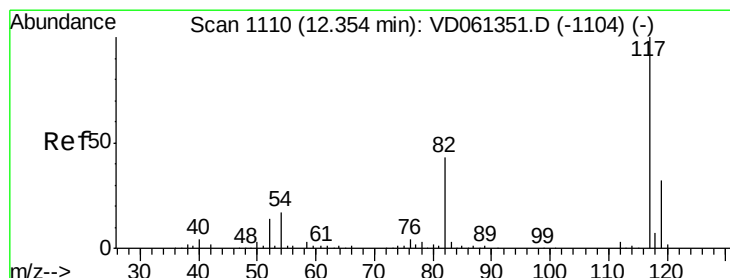
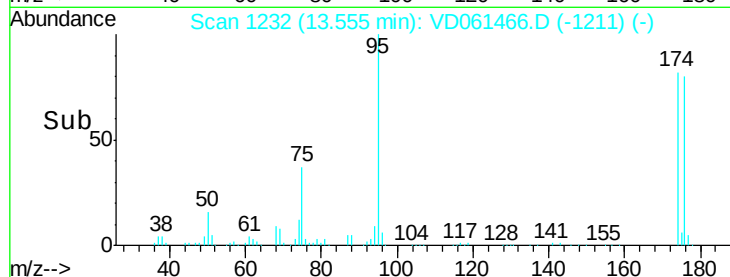
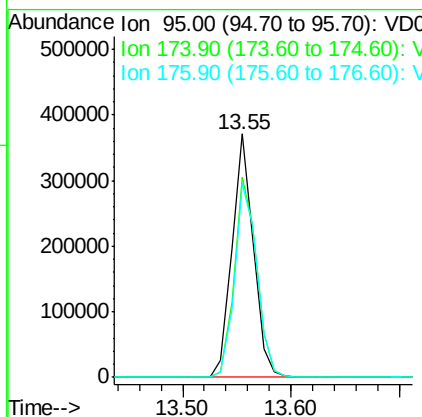
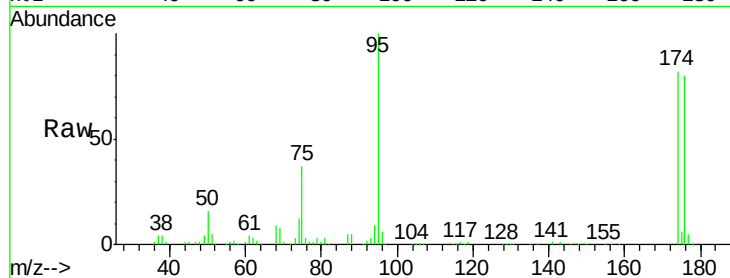




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061466.D
Acq: 1 Apr 2019 13:55

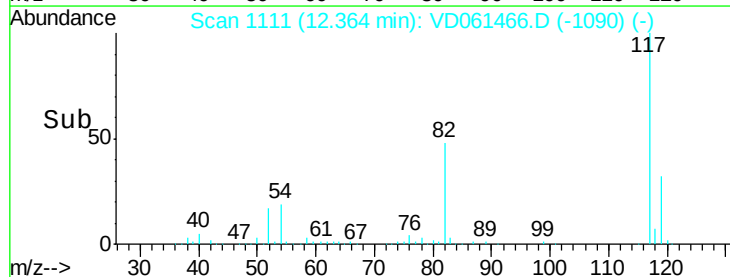
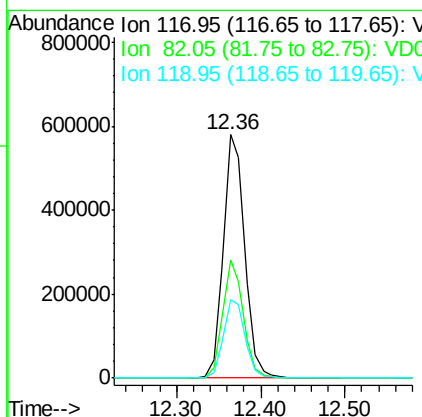
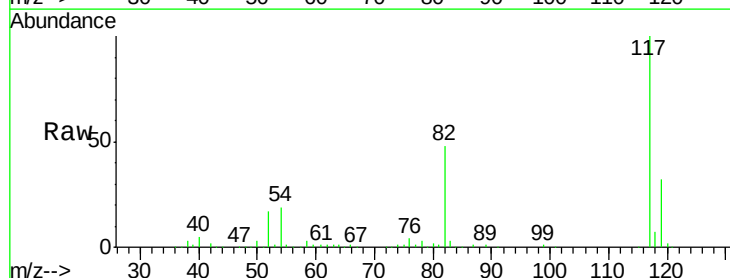
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

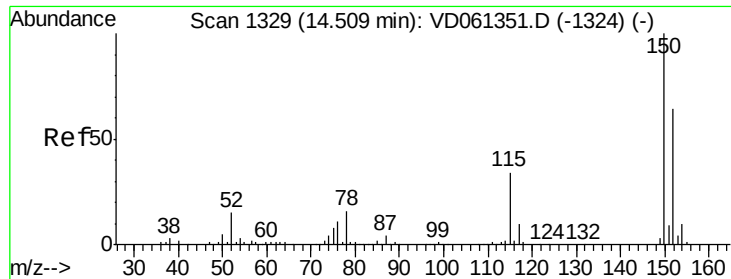
Tot Ion: 95 Resp: 510945
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.0
176 79.6 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061466.D
Acq: 1 Apr 2019 13:55

Tgt Ion: 117 Resp: 1017688
Ion Ratio Lower Upper
117 100
82 48.4 34.4 51.6
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061466.D

Acq: 1 Apr 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBL01

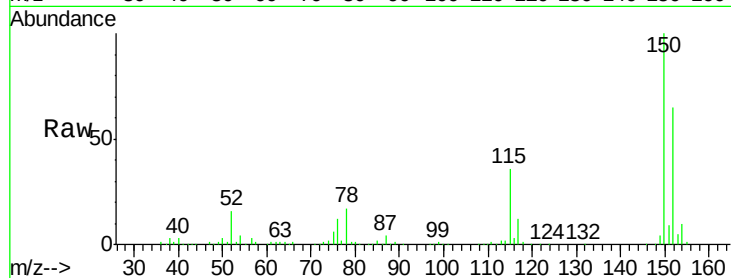
Tot Ion:152 Resp: 480833

Ion Ratio Lower Upper

152 100

115 55.7 26.9 80.6

150 154.9 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

