

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061825.D
 Acq On : 16 Apr 2019 23:33
 Operator : VA/AP
 Sample : VD0416SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0416SBL02

Quant Time: Apr 17 02:06:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

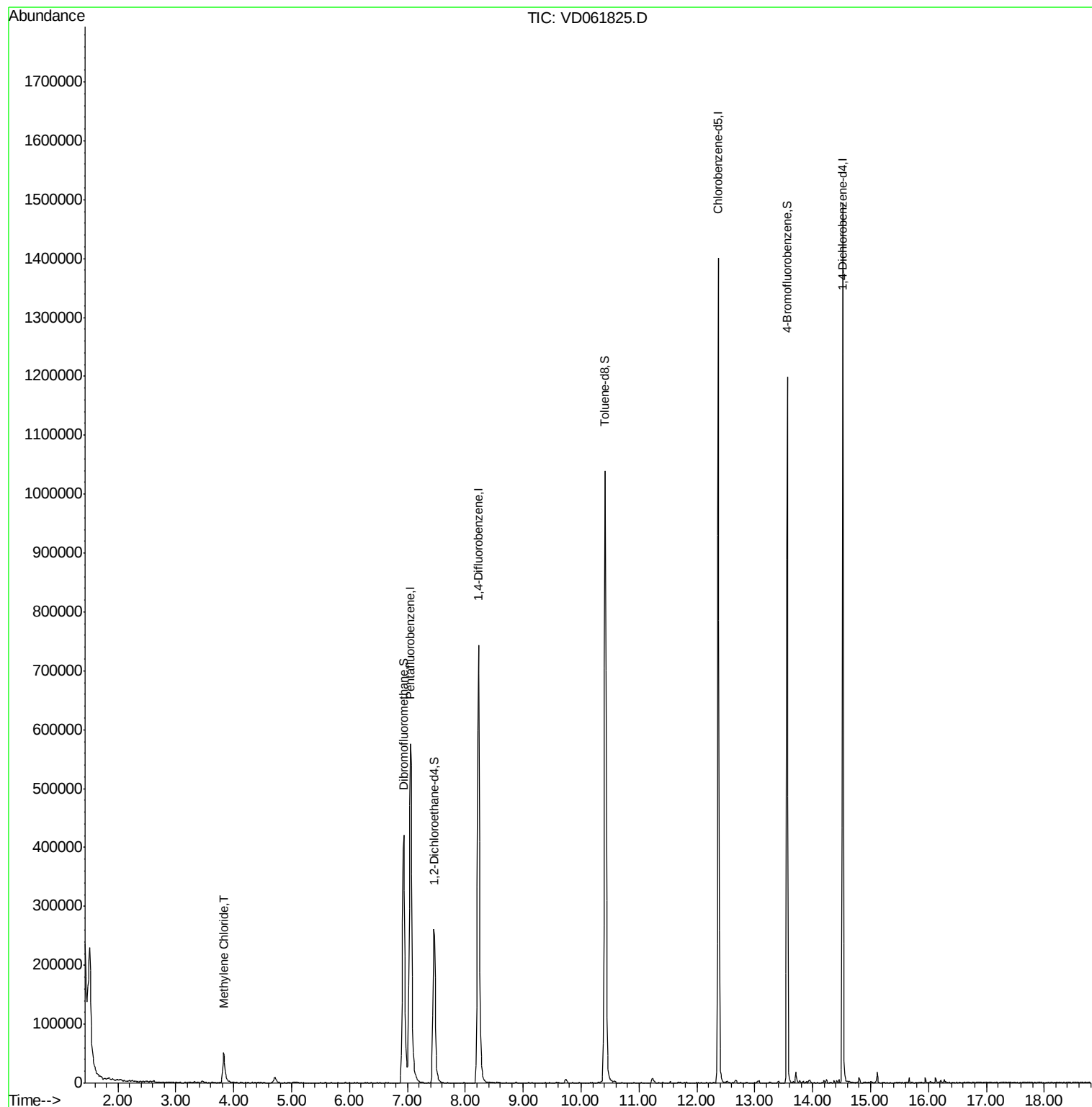
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	614798	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	946693	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	821980	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	361926	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	280386	54.42	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	6.93	113	409909	57.31	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	114.62%	
50) Toluene-d8	10.42	98	992809	58.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	117.16%	
62) 4-Bromofluorobenzene	13.56	95	372984	54.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.60%	
Target Compounds						
20) Methylene Chloride	3.82	84	40327	1.983	ug/l	Qvalue 96

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

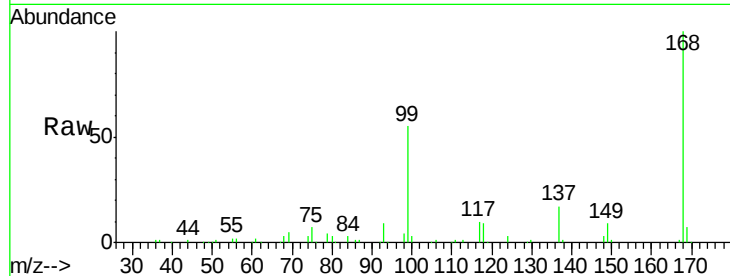
VD0416SBL02

Tot Ion:168 Resp: 614798

Ion Ratio Lower Upper

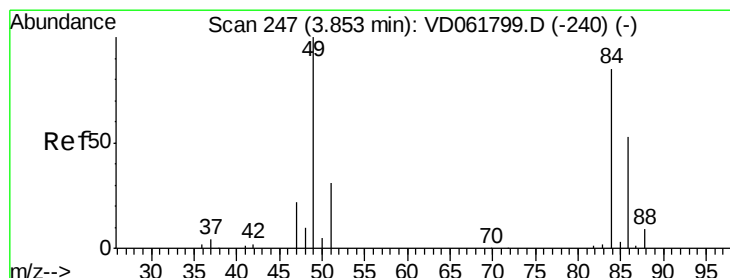
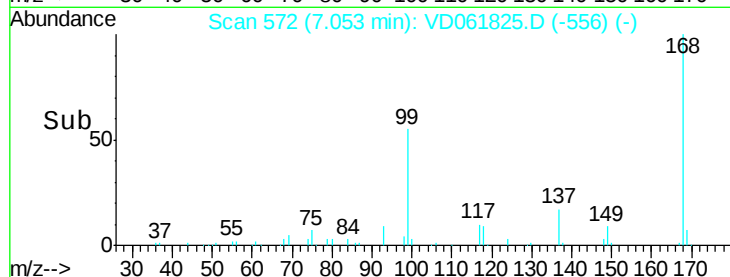
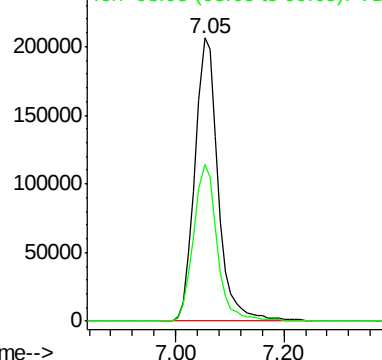
168 100

99 55.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.983 ug/l

RT: 3.82 min Scan# 244

Delta R.T. -0.03 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Tgt Ion: 84 Resp: 40327

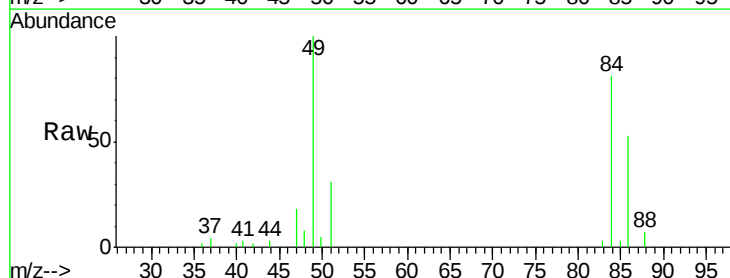
Ion Ratio Lower Upper

84 100

49 122.8 94.0 141.0

51 38.5 29.0 43.4

86 64.6 49.8 74.6

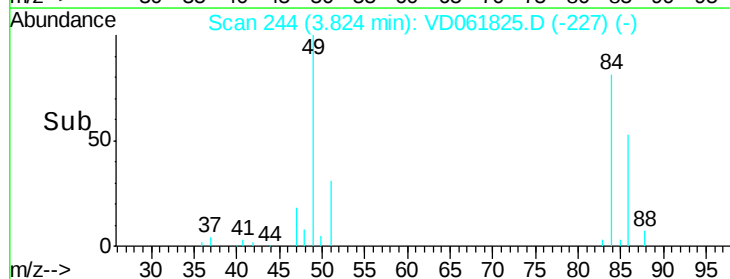
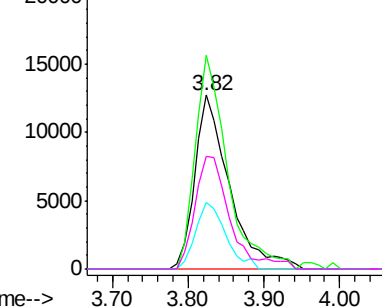


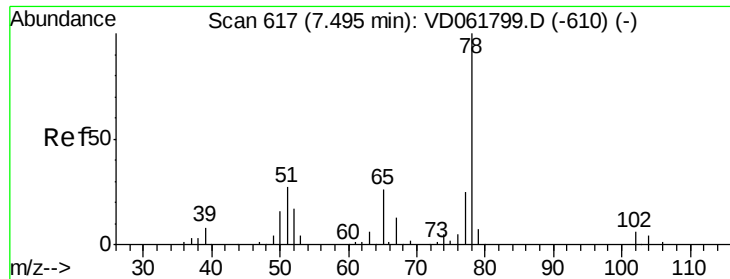
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.04 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

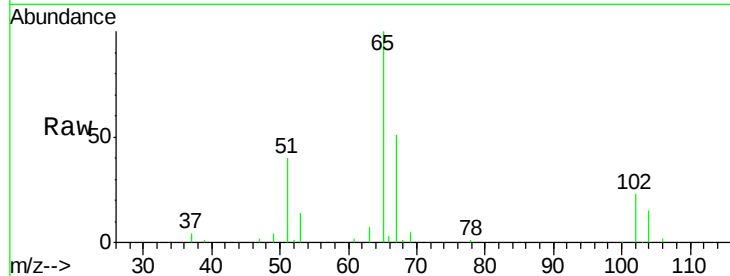
VD0416SBL02

Tot Ion: 65 Resp: 280386

Ion Ratio Lower Upper

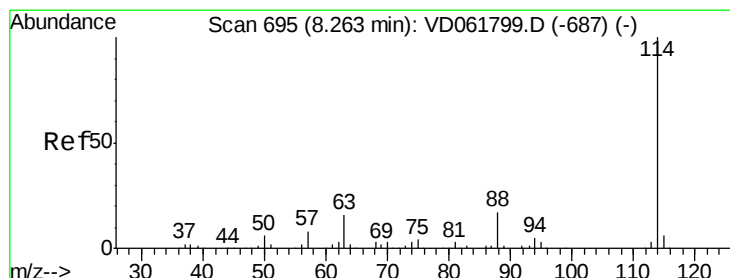
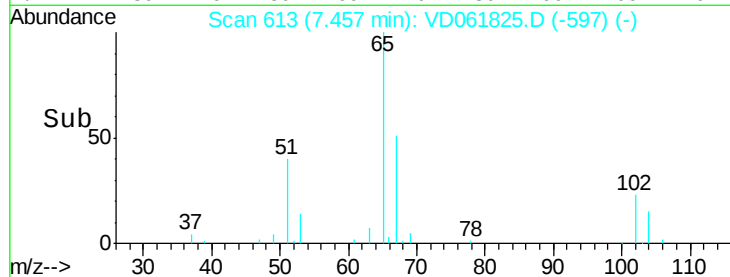
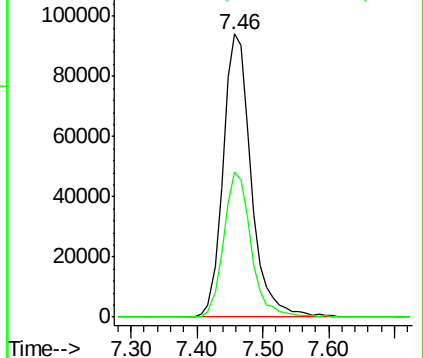
65 100

67 51.3 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# 691

Delta R.T. -0.04 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

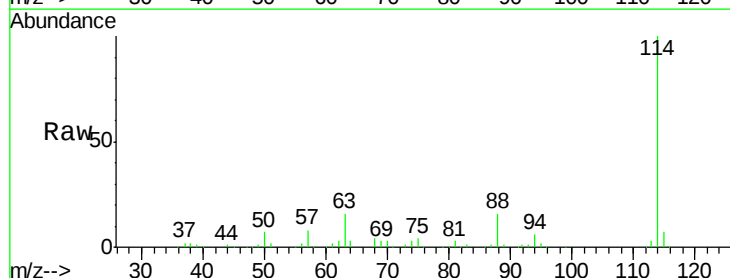
Tgt Ion: 114 Resp: 946693

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

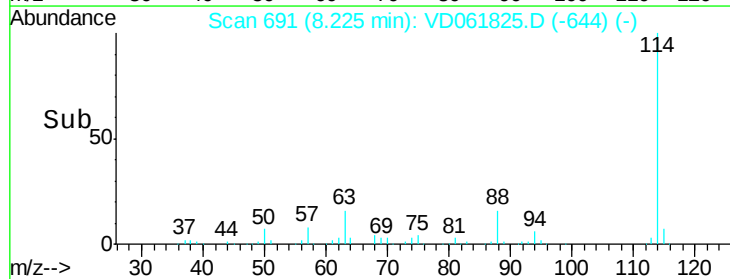
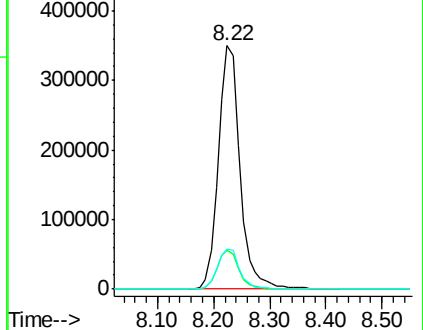
88 16.3 0.0 33.6

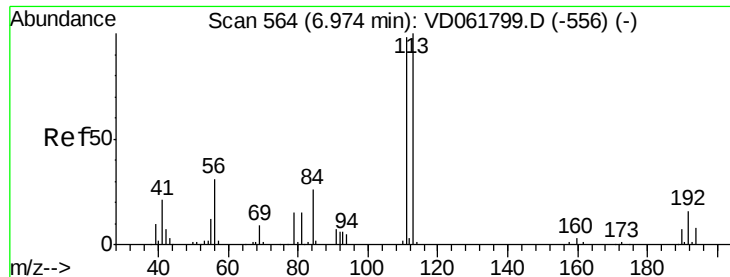


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.04 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL02

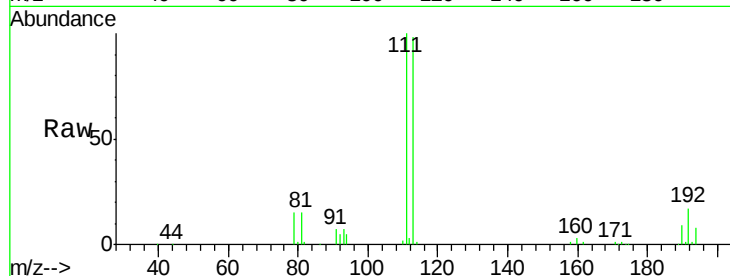
Tot Ion:113 Resp: 409909

Ion Ratio Lower Upper

113 100

111 101.9 78.5 117.7

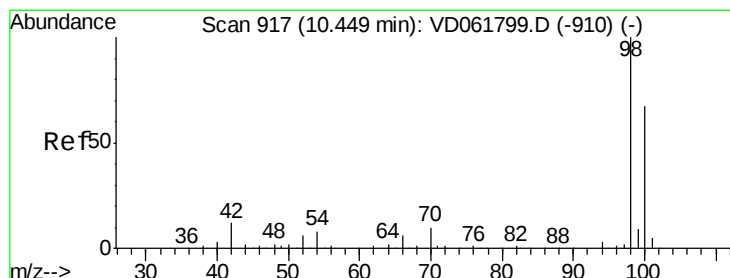
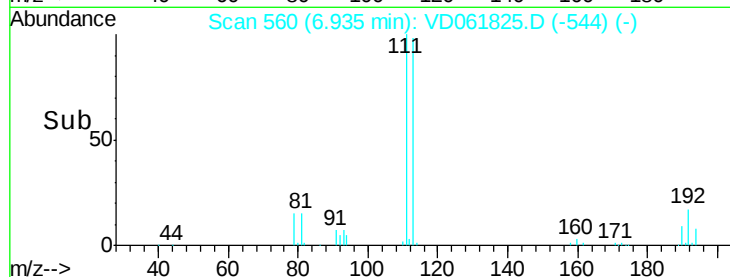
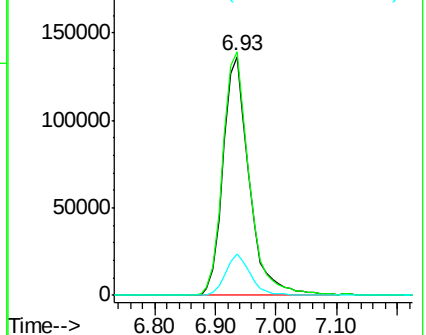
192 17.3 13.0 19.4



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: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.03 min

Lab File: VD061825.D

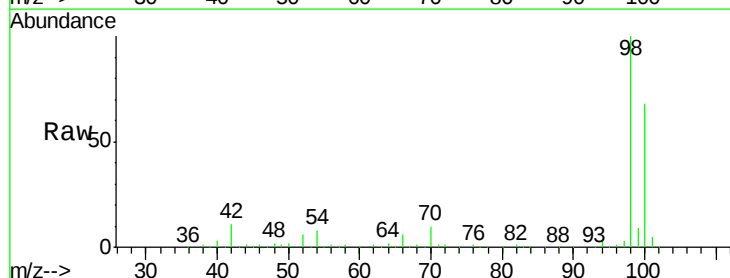
Acq: 16 Apr 2019 23:33

Tgt Ion: 98 Resp: 992809

Ion Ratio Lower Upper

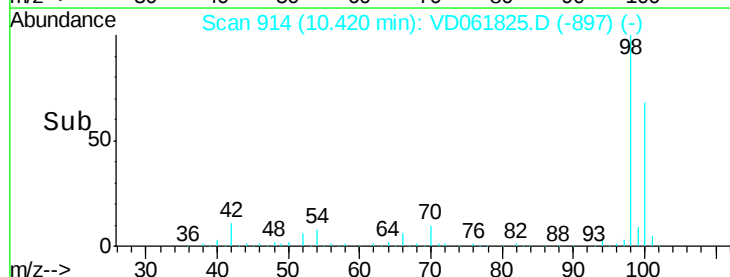
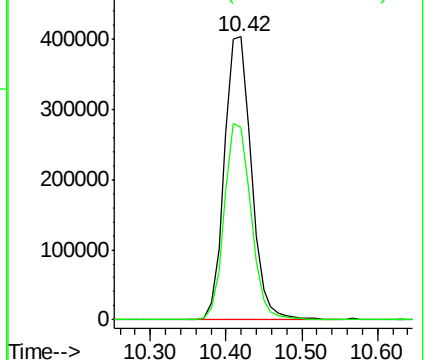
98 100

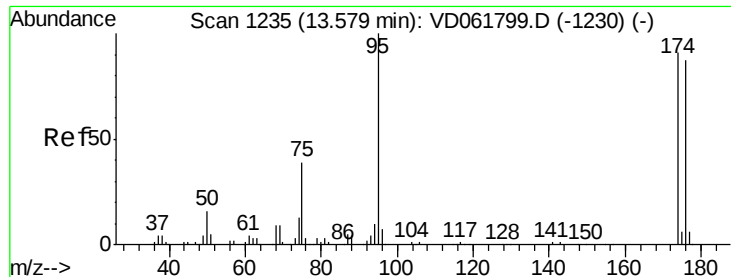
100 68.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL02

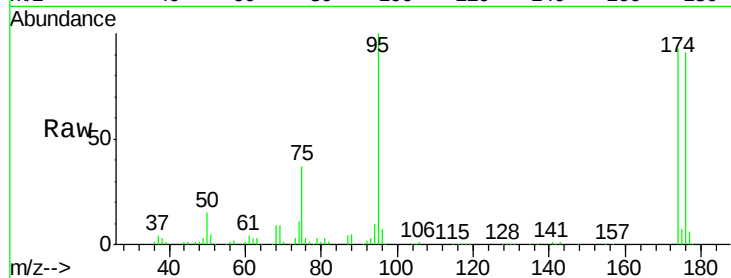
Tot Ion: 95 Resp: 372984

Ion Ratio Lower Upper

95 100

174 92.9 0.0 181.8

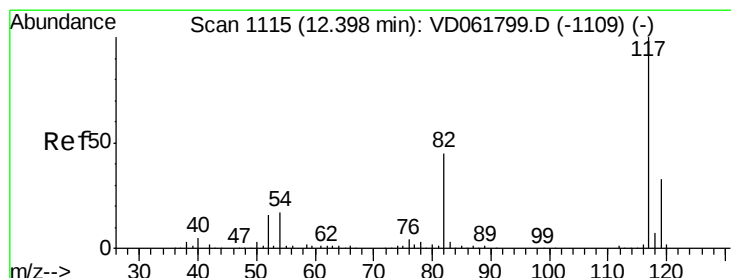
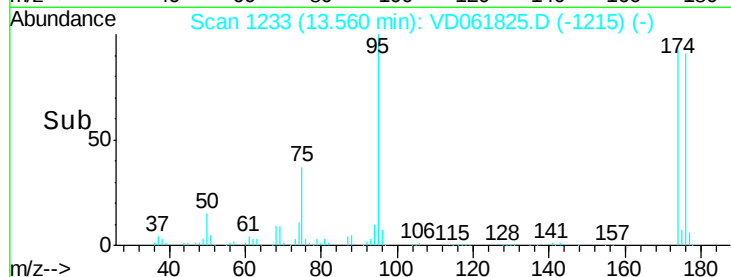
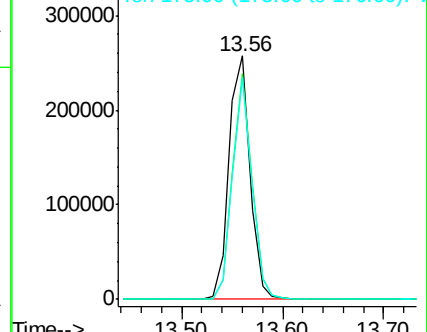
176 90.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

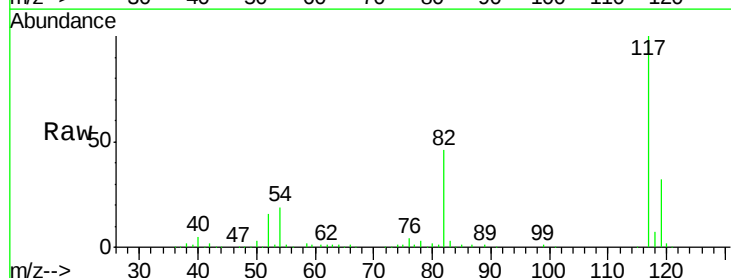
Tgt Ion: 117 Resp: 821980

Ion Ratio Lower Upper

117 100

82 45.6 36.2 54.2

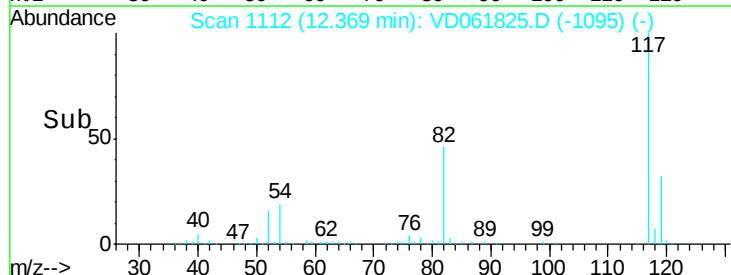
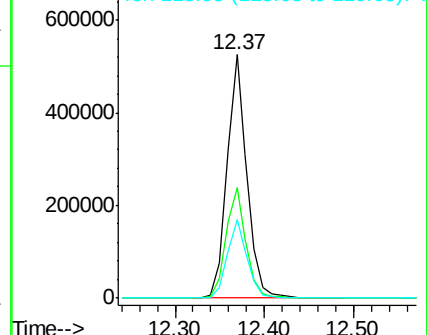
119 32.0 26.2 39.4

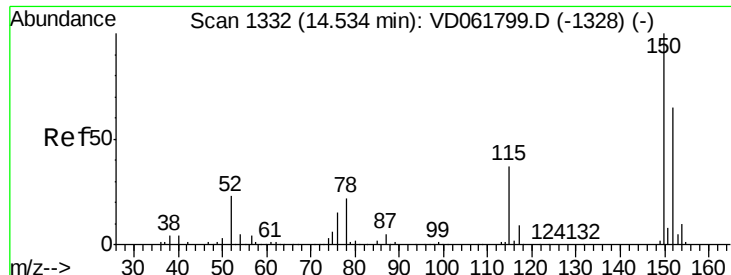


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

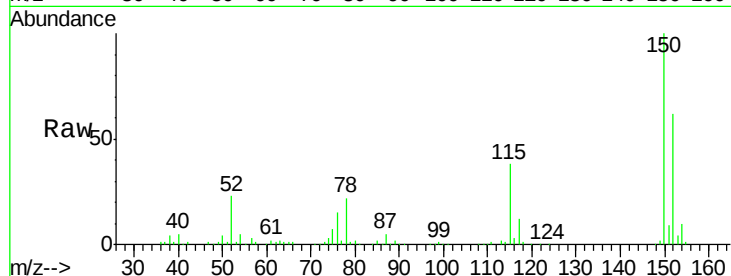




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD061825.D
 Acq: 16 Apr 2019 23:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL02

Tot Ion:152 Resp: 361926
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.9 92.7
 150 162.4 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

