

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046817.D
 Acq On : 21 Sep 2015 19:46
 Operator : FY/SY
 Sample : G3727-02
 Misc : 6.01µm/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MMB6A

Quant Time: Sep 22 10:51:44 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

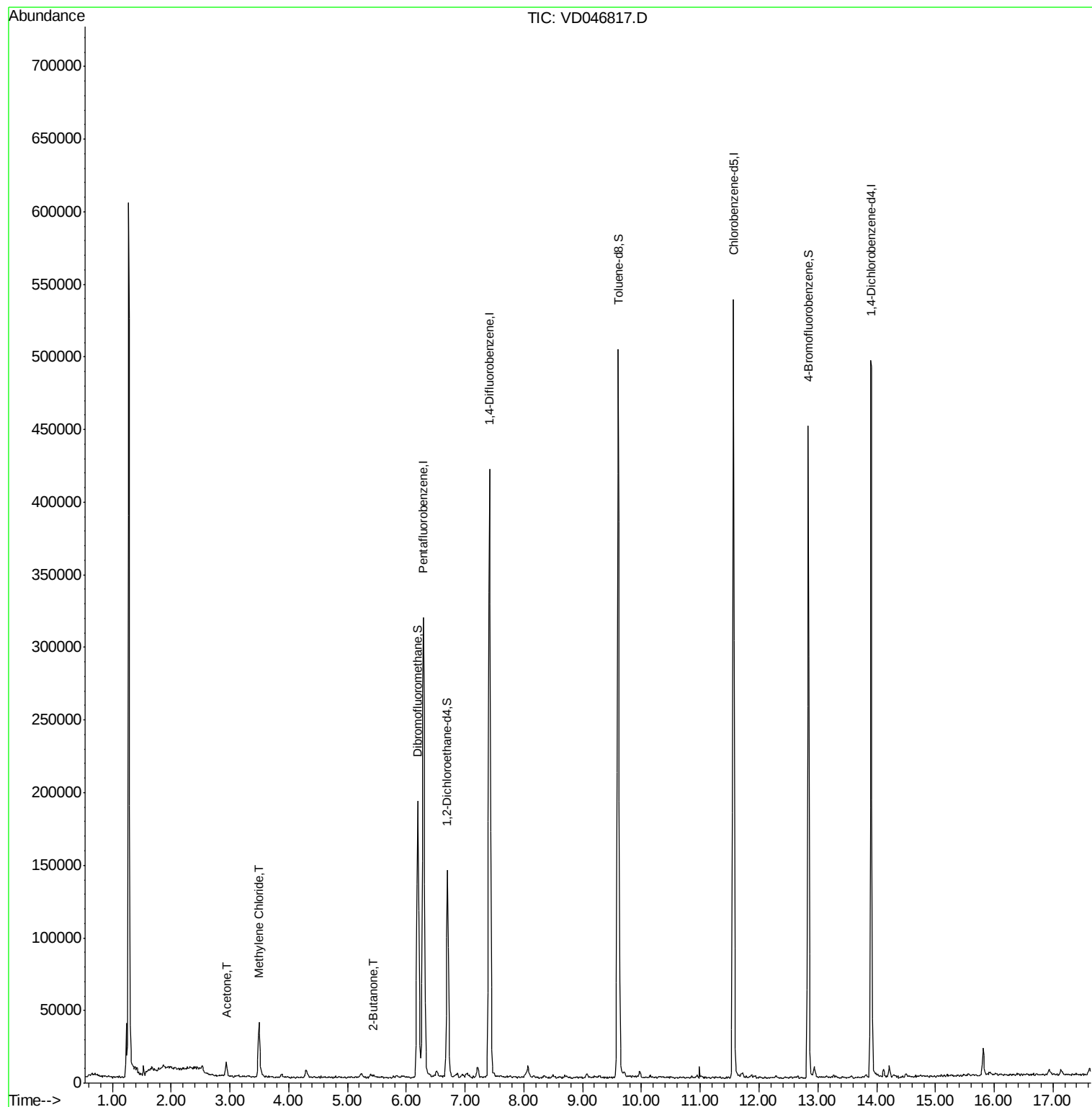
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	259778	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	362854	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	279619	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	135859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	119613	44.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.58%	
35) Dibromofluoromethane	6.19	113	135048	47.57	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	9.60	98	386241	43.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.26%	
62) 4-Bromofluorobenzene	12.84	95	135102	37.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.92%	
Target Compounds						
17) Acetone	2.94	43	13943	30.55	ug/l	Qvalue 93
21) Methylene Chloride	3.49	84	17021	6.87	ug/l	95
26) 2-Butanone	5.44	43	3289	6.41	ug/l #	89

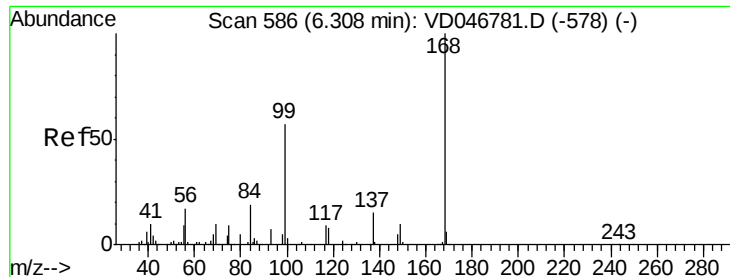
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
Data File : VD046817.D
Acq On : 21 Sep 2015 19:46
Operator : FY/SY
Sample : G3727-02
Misc : 6.01µm/5mL/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MMB6A

Quant Time: Sep 22 10:51:44 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.02 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

Instrument :

MSVOA_D

ClientSampleId :

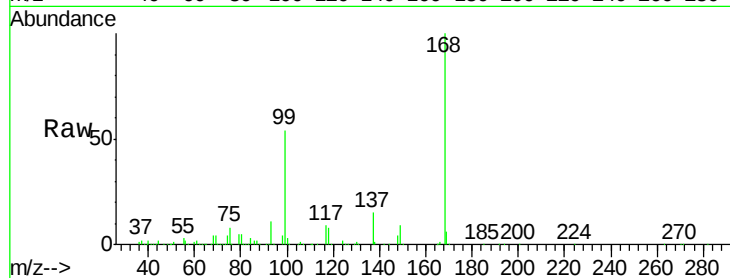
MMB6A

Tot Ion:168 Resp: 259778

Ion Ratio Lower Upper

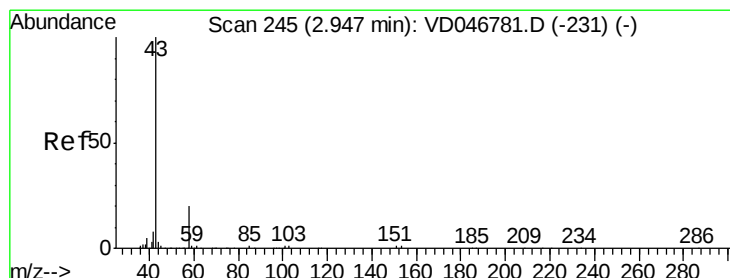
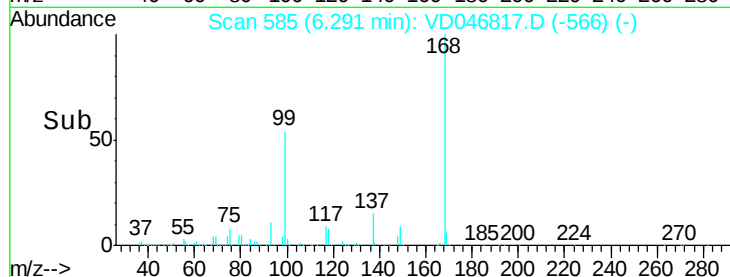
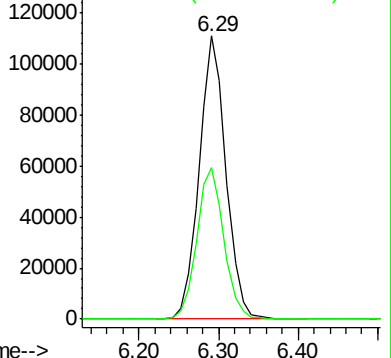
168 100

99 53.7 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#17

Acetone

Concen: 30.55 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046817.D

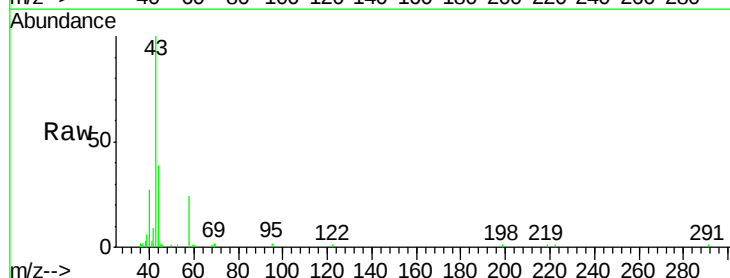
Acq: 21 Sep 2015 19:46

Tgt Ion: 43 Resp: 13943

Ion Ratio Lower Upper

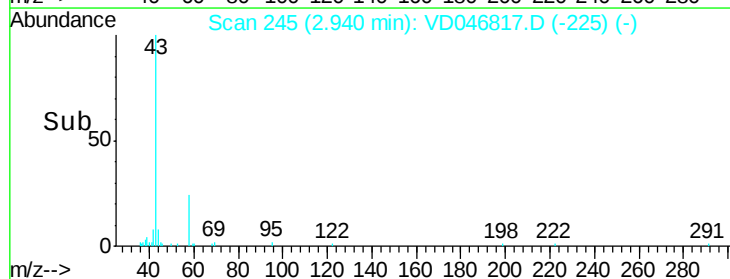
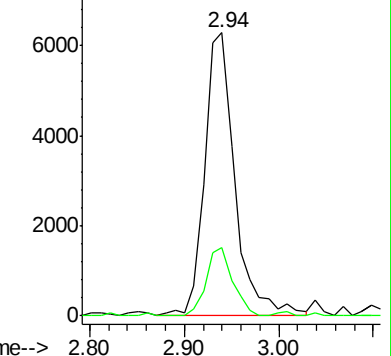
43 100

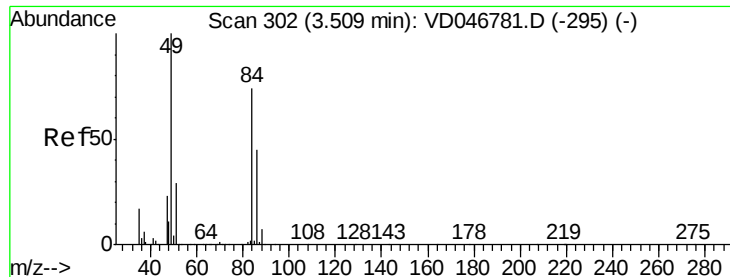
58 24.0 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

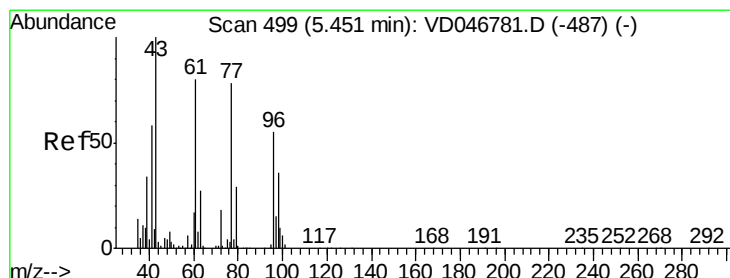
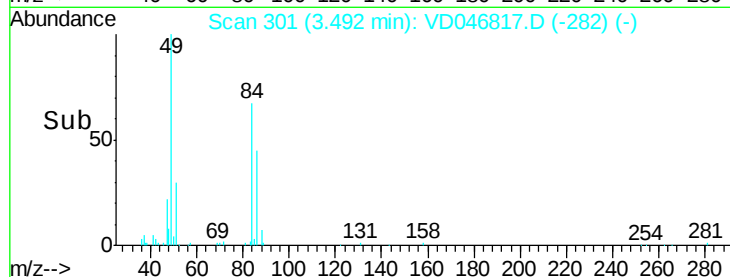
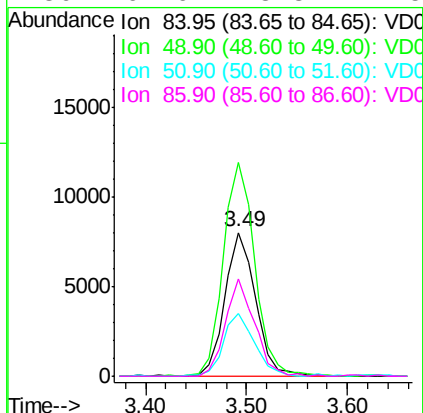
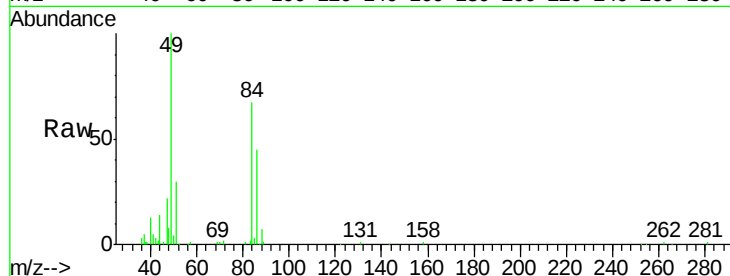




#21
Methvlene Chloride
Concen: 6.87 ug/l
RT: 3.49 min Scan# 301
Delta R.T. -0.02 min
Lab File: VD046817.D
Acq: 21 Sep 2015 19:46

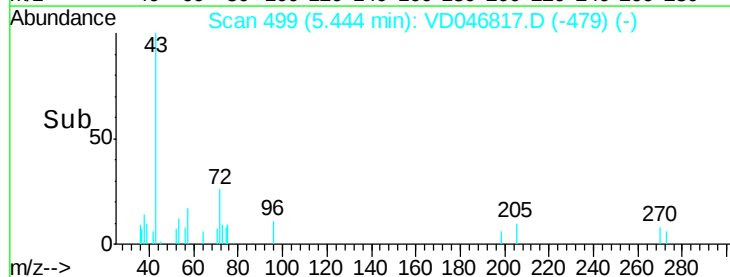
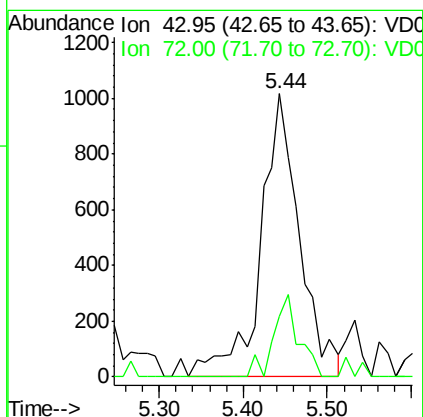
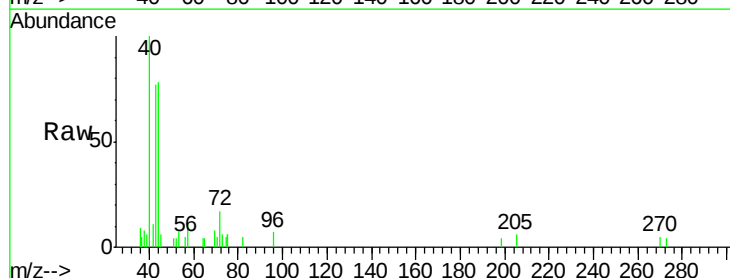
Instrument :
MSVOA_D
ClientSampleId :
MMB6A

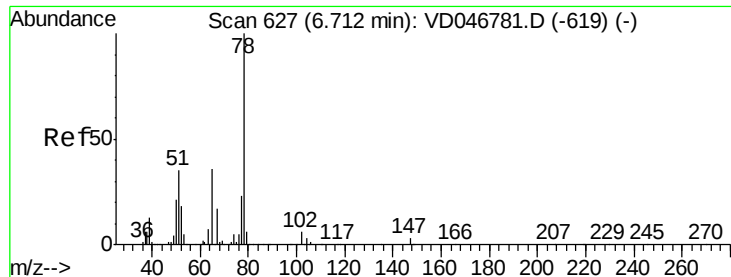
Tot Ion: 84 Resp: 17021
Ion Ratio Lower Upper
84 100
49 148.7 122.1 183.1
51 44.0 33.6 50.4
86 67.6 48.3 72.5



#26
2-Butanone
Concen: 6.41 ug/l
RT: 5.44 min Scan# 499
Delta R.T. -0.01 min
Lab File: VD046817.D
Acq: 21 Sep 2015 19:46

Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
72 21.6 13.4 20.0#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

Instrument :

MSVOA_D

ClientSampled :

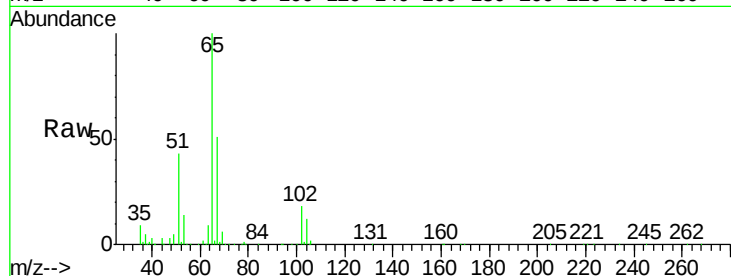
MMB6A

Tot Ion: 65 Resp: 119613

Ion Ratio Lower Upper

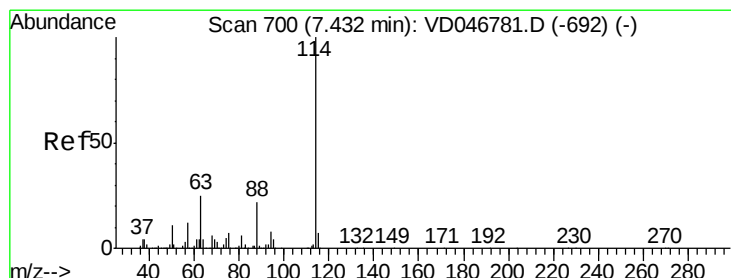
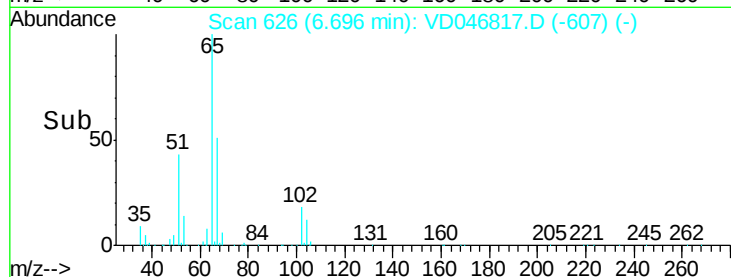
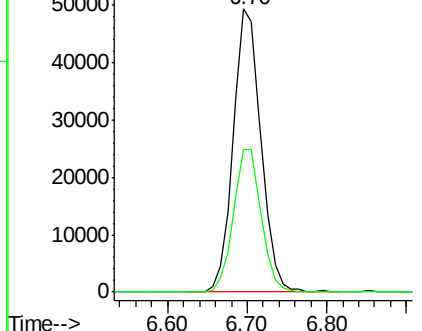
65 100

67 50.6 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.02 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

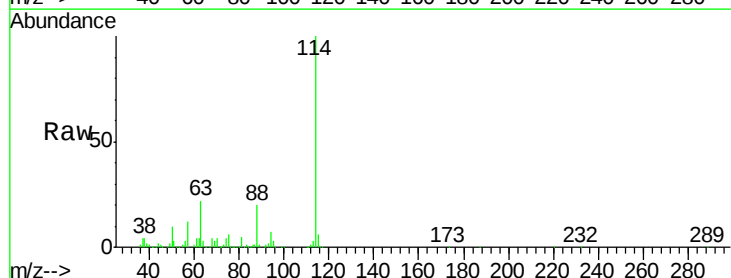
Tgt Ion: 114 Resp: 362854

Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.8

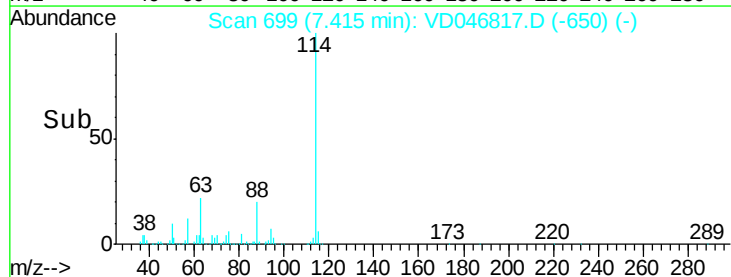
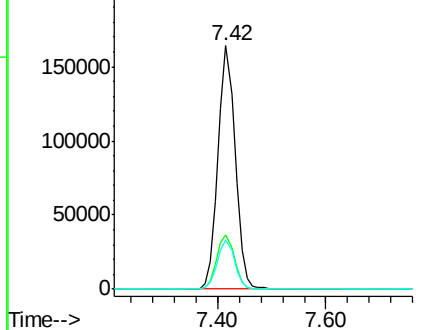
88 20.3 0.0 43.6

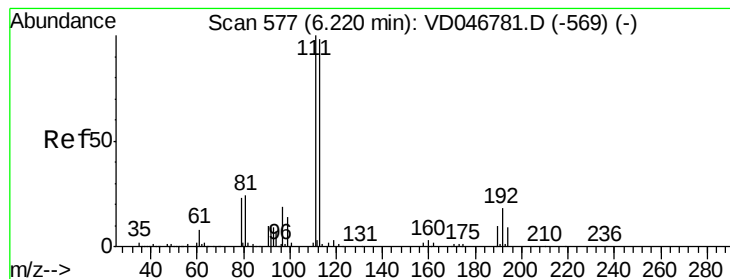


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.19 min Scan# 575

Delta R.T. -0.03 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

Instrument :

MSVOA_D

ClientSampleId :

MMB6A

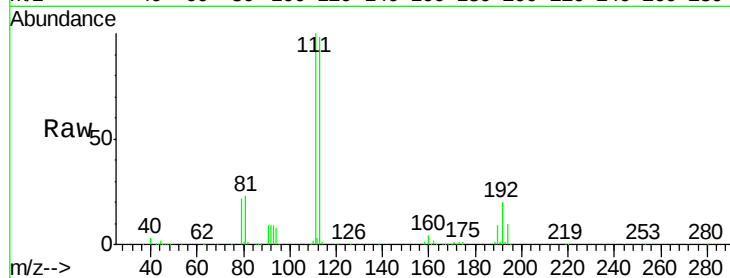
Tot Ion:113 Resp: 135048

Ion Ratio Lower Upper

113 100

111 102.2 79.4 119.0

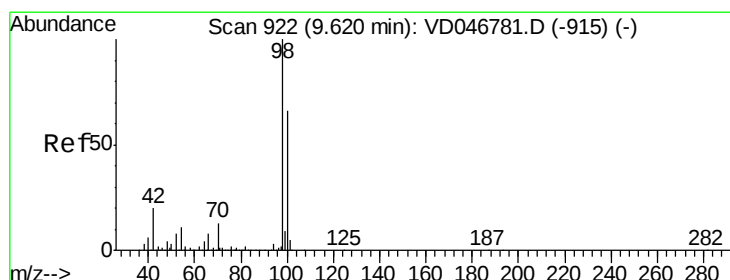
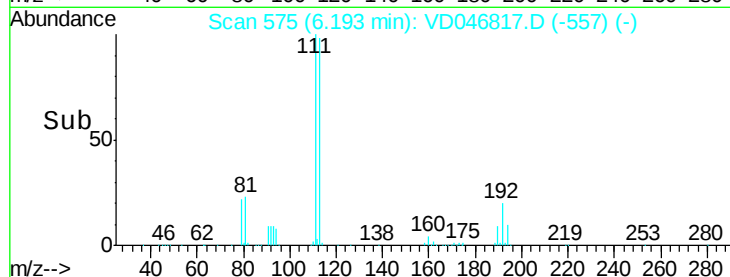
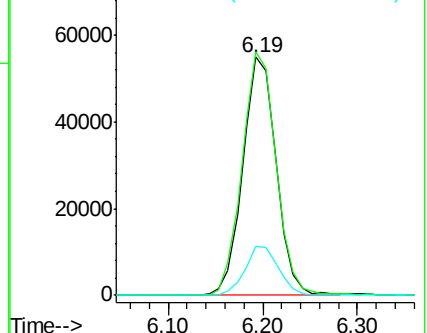
192 20.4 14.6 22.0



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: 9.60 min Scan# 921

Delta R.T. -0.02 min

Lab File: VD046817.D

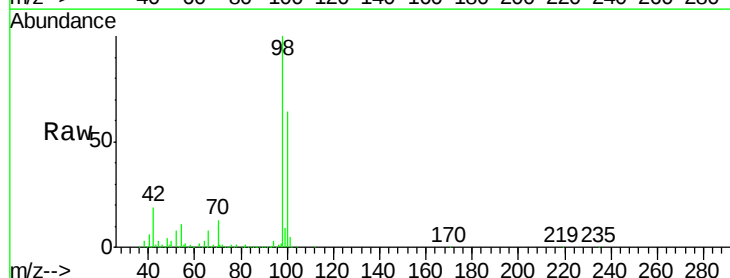
Acq: 21 Sep 2015 19:46

Tgt Ion: 98 Resp: 386241

Ion Ratio Lower Upper

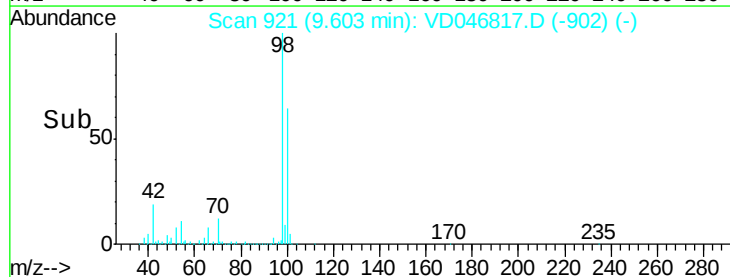
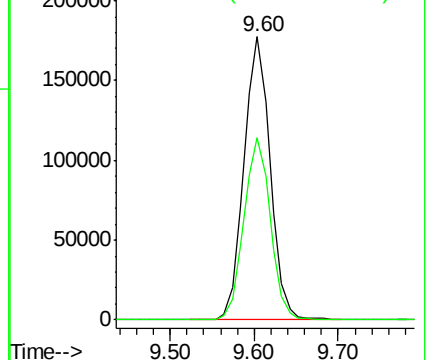
98 100

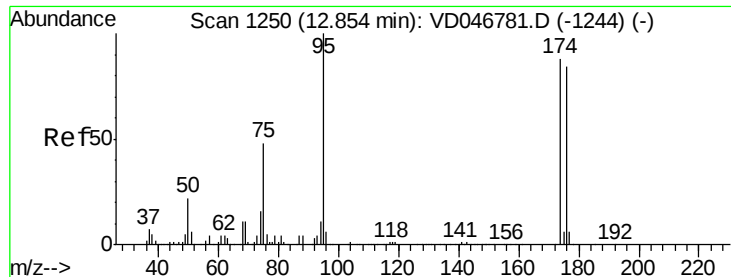
100 64.5 49.9 74.9



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: 12.84 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

Instrument :

MSVOA_D

ClientSampleId :

MMB6A

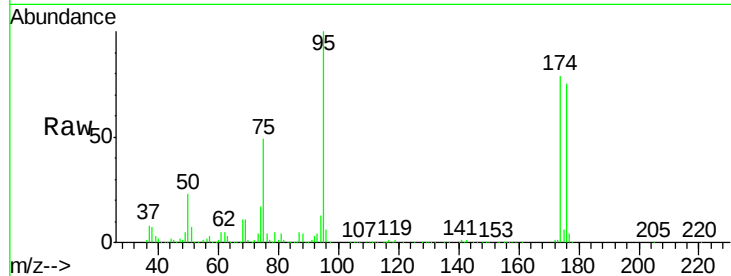
Tot Ion: 95 Resp: 135102

Ion Ratio Lower Upper

95 100

174 79.3 0.0 149.8

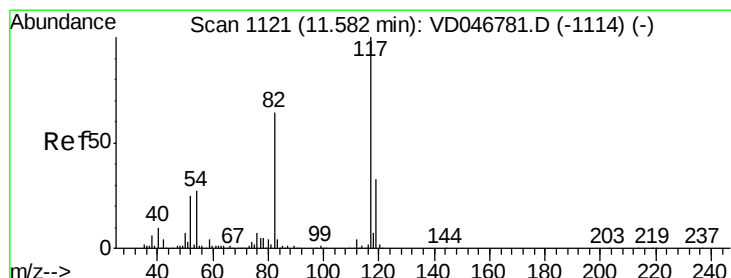
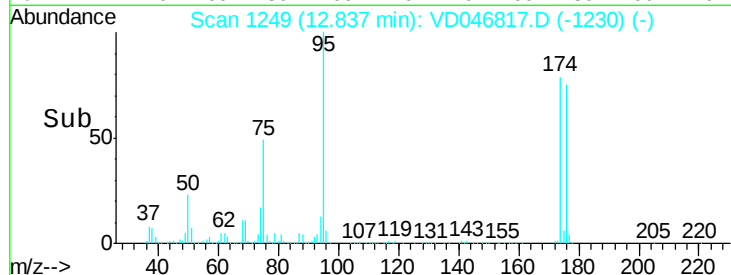
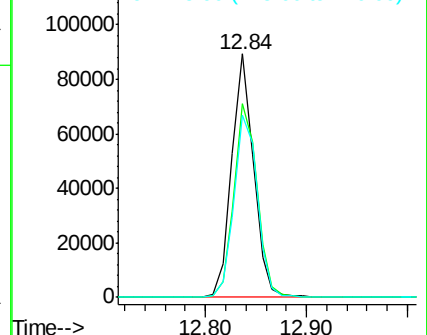
176 75.1 0.0 143.4



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: 50.00 ug/l

RT: 11.57 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

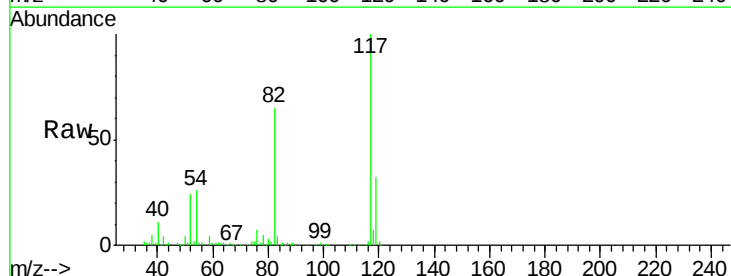
Tgt Ion: 117 Resp: 279619

Ion Ratio Lower Upper

117 100

82 64.7 50.6 75.8

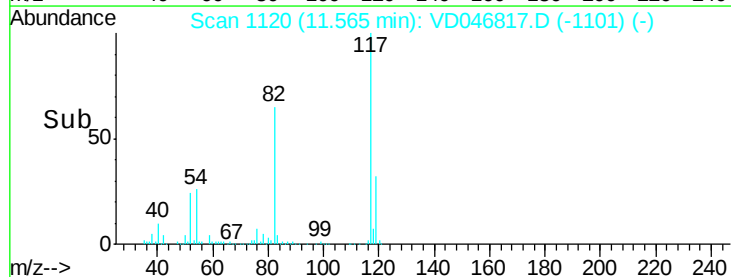
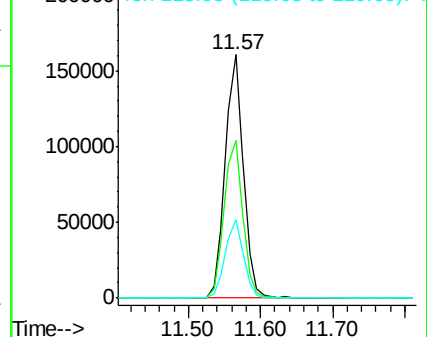
119 32.1 25.8 38.8

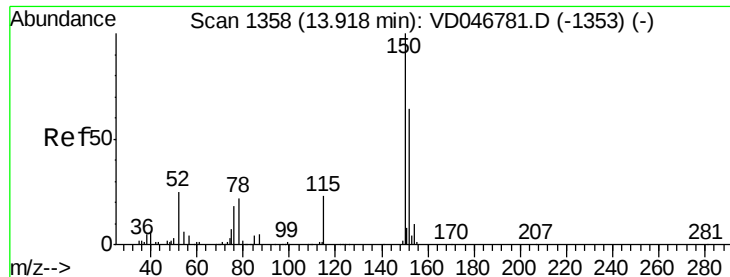


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.91 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD046817.D

Acq: 21 Sep 2015 19:46

Instrument :

MSVOA_D

ClientSampleId :

MMB6A

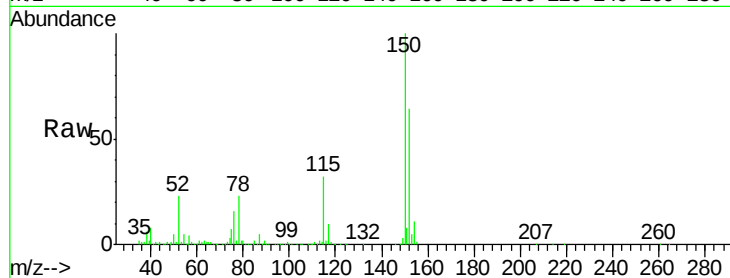
Tot Ion:152 Resp: 135859

Ion Ratio Lower Upper

152 100

115 50.0 26.2 78.6

150 157.2 0.0 311.8



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

