

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024521.D
 Acq On : 13 Jun 2018 20:27
 Operator : MD/SY
 Sample : J3461-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-50(0-5)

Quant Time: Jun 14 02:55:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

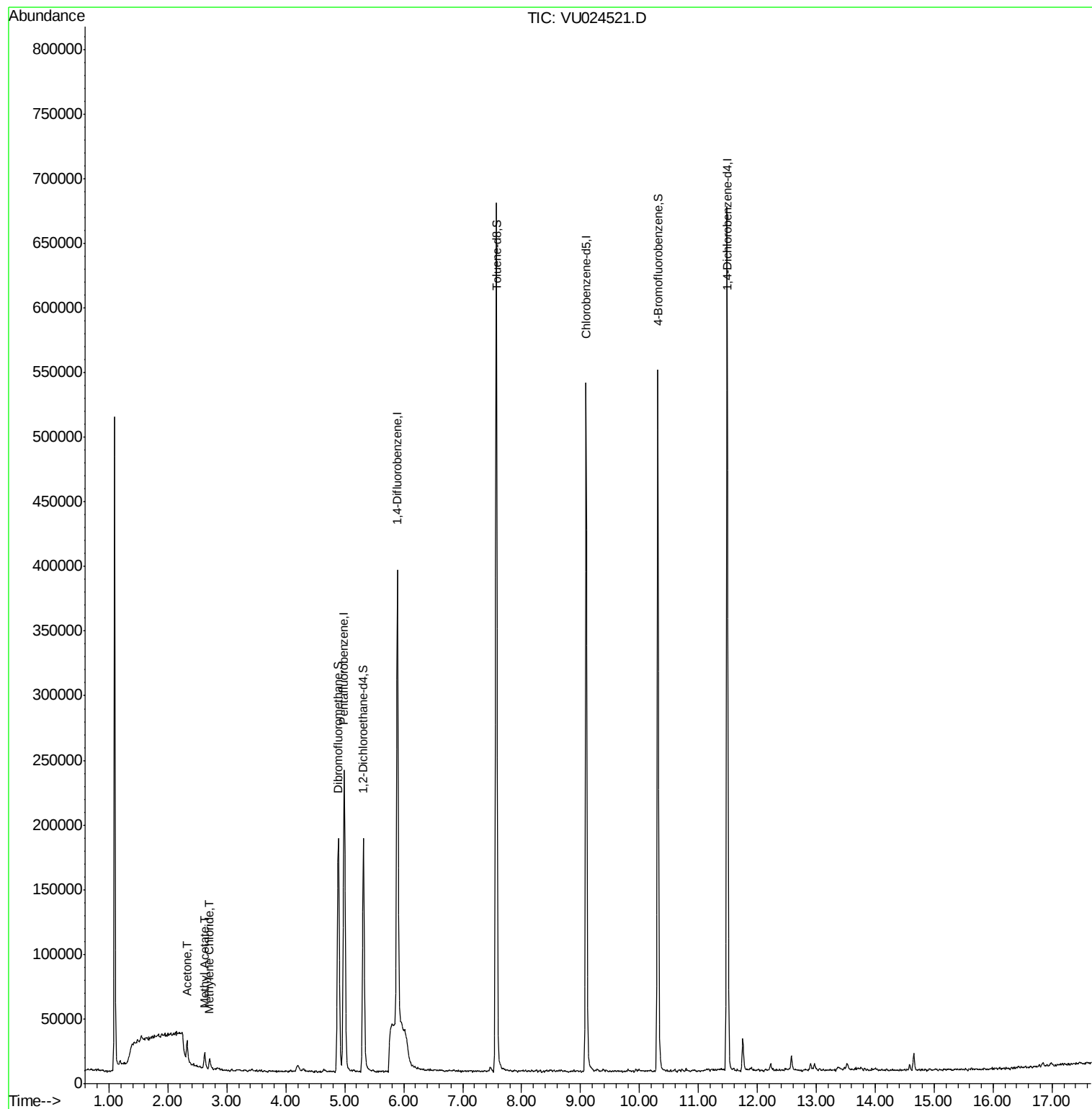
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	183600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315231	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	143213	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	4.89	113	124698	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	7.57	98	452106	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.31	95	182492	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	2.32	43	15619	9.699	ug/l	95
18) Methyl Acetate	2.62	43	14878	4.309	ug/l	94
20) Methylene Chloride	2.71	84	3820	1.512	ug/l #	86

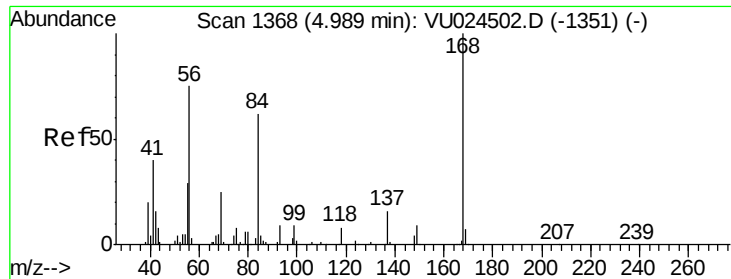
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

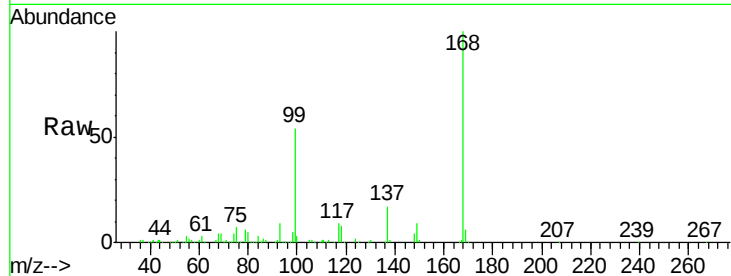
SB-50(0-5)

Tot Ion:168 Resp: 183600

Ion Ratio Lower Upper

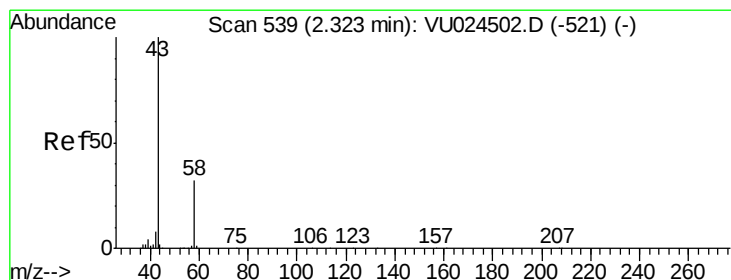
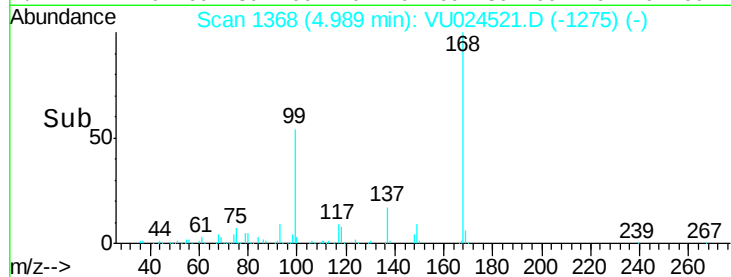
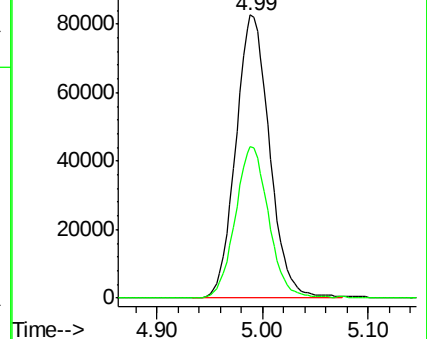
168 100

99 53.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#16

Acetone

Concen: 9.699 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024521.D

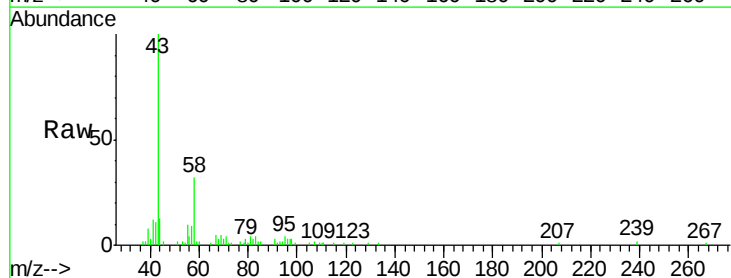
Acq: 13 Jun 2018 20:27

Tgt Ion: 43 Resp: 15619

Ion Ratio Lower Upper

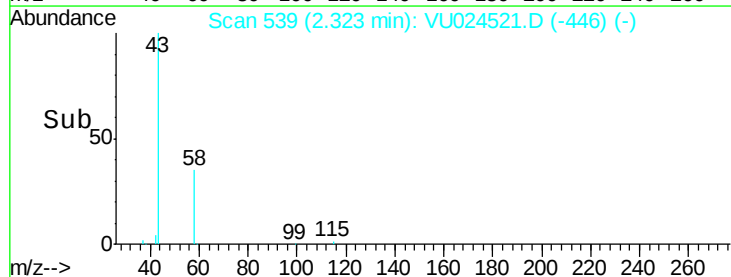
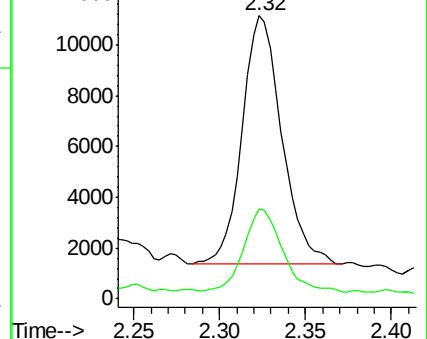
43 100

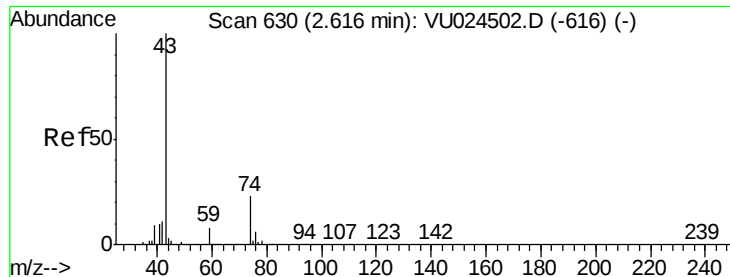
58 33.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

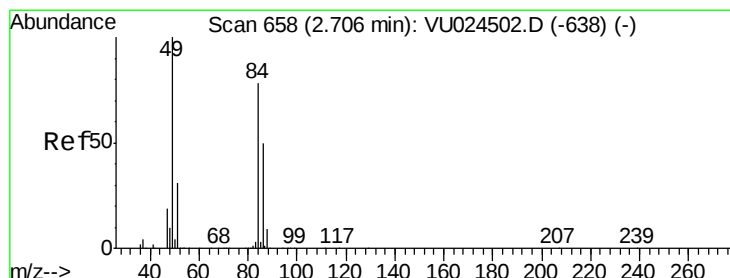
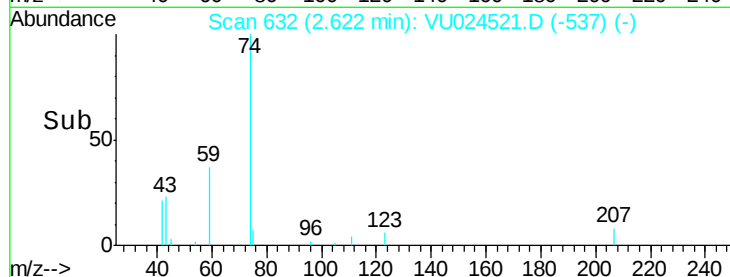
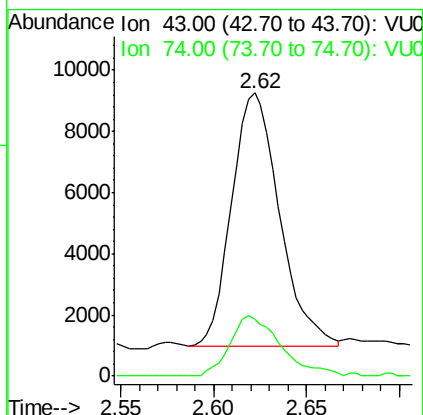
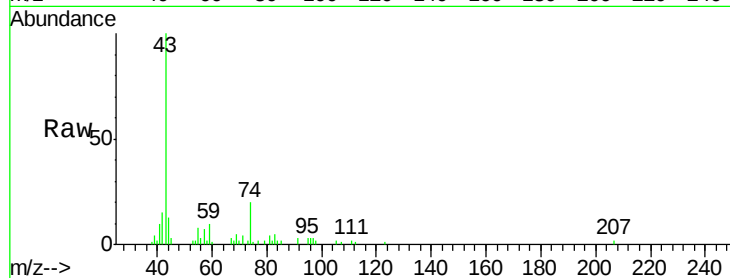




#18
Methyl Acetate
Concen: 4.309 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024521.D
Acq: 13 Jun 2018 20:27

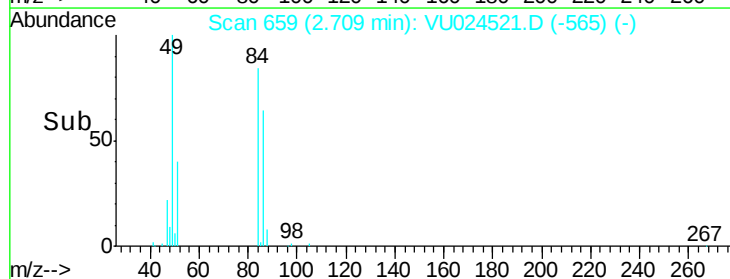
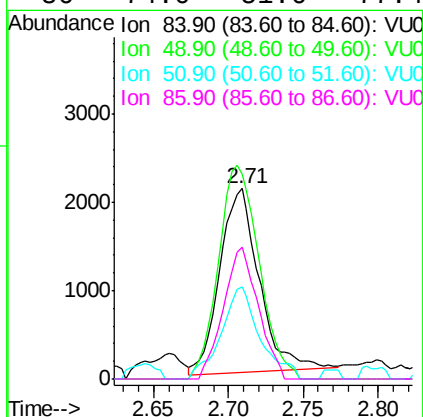
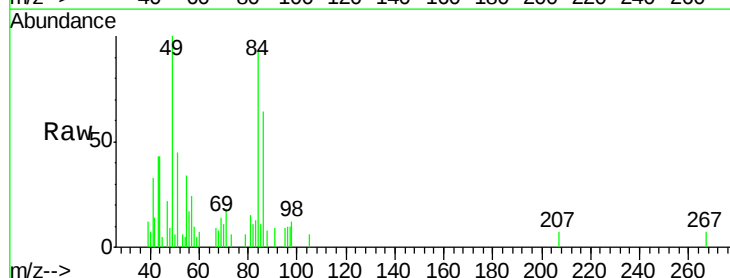
Instrument :
MSVOA_U
ClientSampleId :
SB-50(0-5)

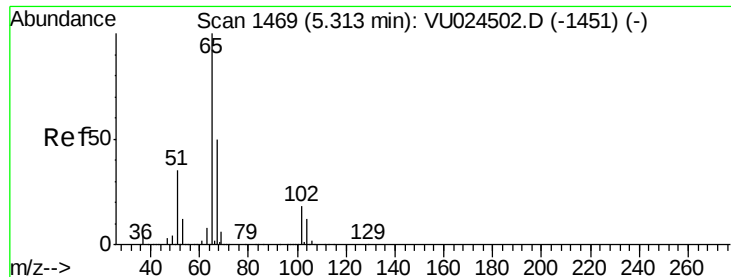
Tot Ion: 43 Resp: 14878
Ion Ratio Lower Upper
43 100
74 25.2 18.0 27.0



#20
Methylene Chloride
Concen: 1.512 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024521.D
Acq: 13 Jun 2018 20:27

Tgt Ion: 84 Resp: 3820
Ion Ratio Lower Upper
84 100
49 114.8 103.8 155.8
51 51.7 32.0 48.0#
86 74.0 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 47.781 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

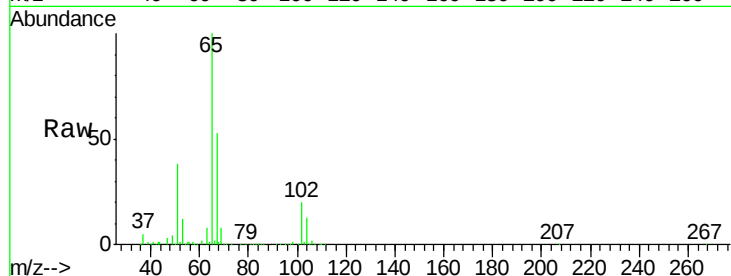
SB-50(0-5)

Tot Ion: 65 Resp: 143213

Ion Ratio Lower Upper

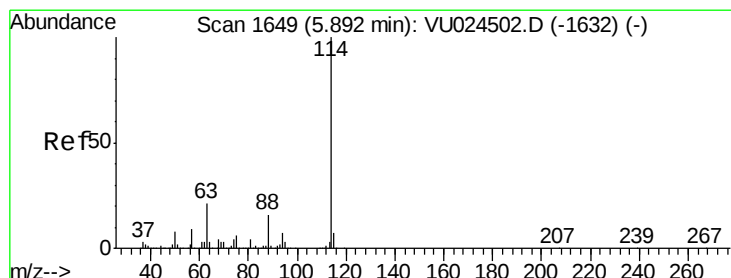
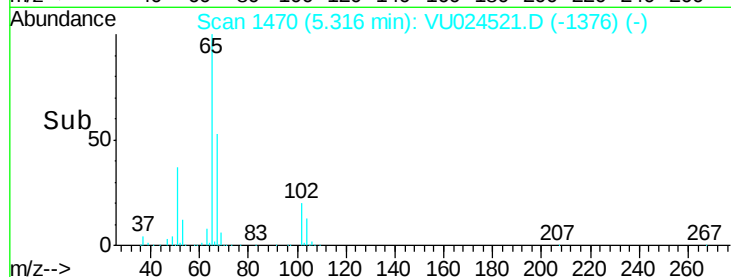
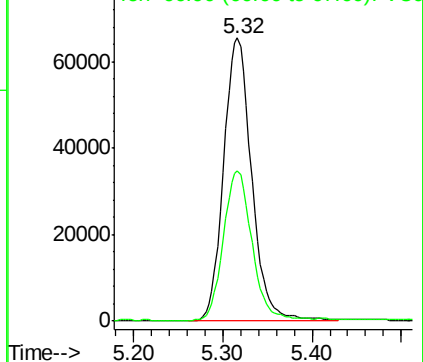
65 100

67 53.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

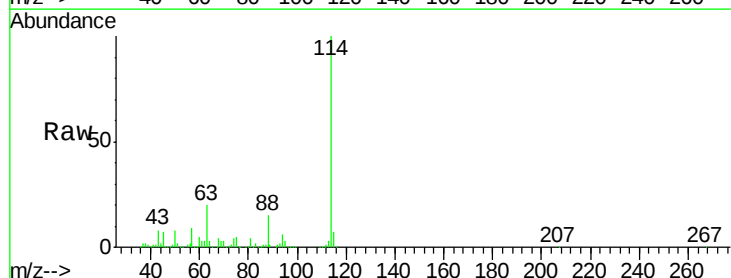
Tgt Ion: 114 Resp: 315231

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

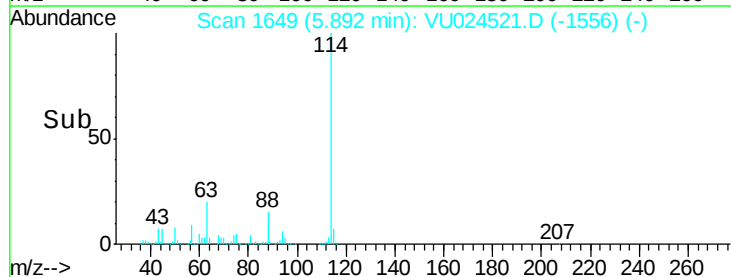
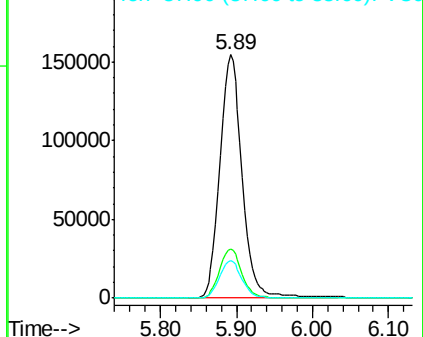
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

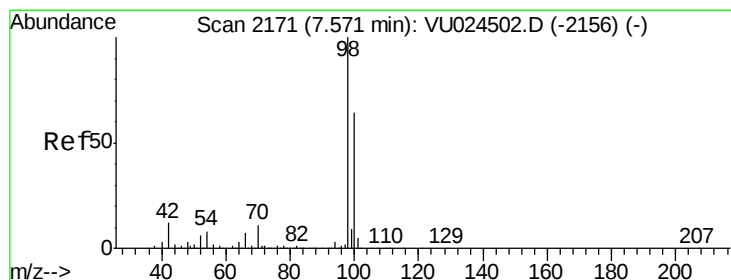
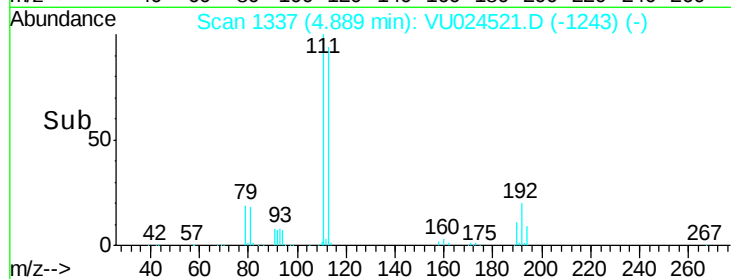
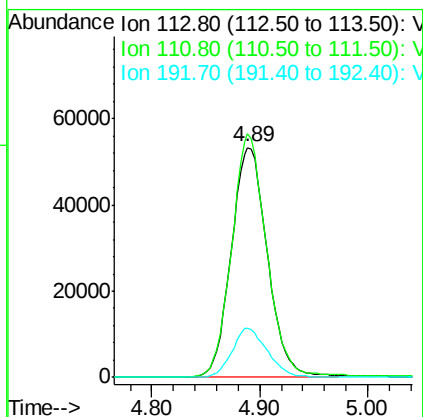
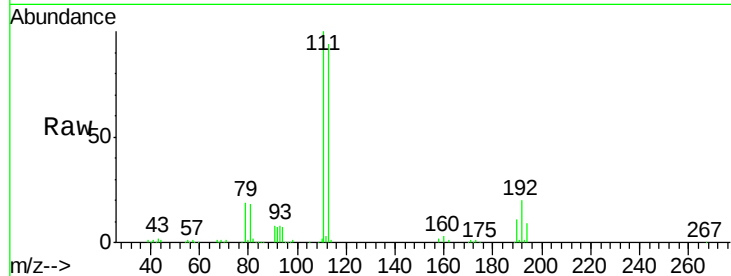




#35
 Dibromofluoromethane
 Concen: 47.664 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024521.D
 Acq: 13 Jun 2018 20:27

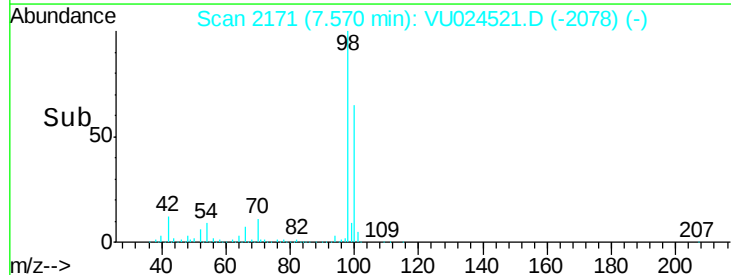
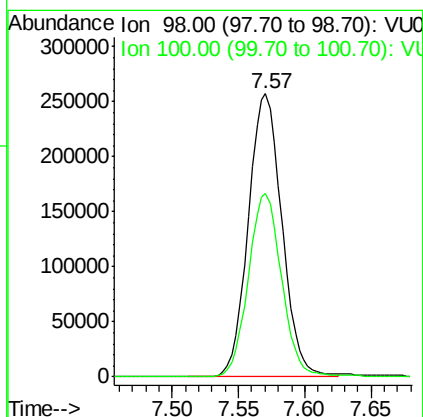
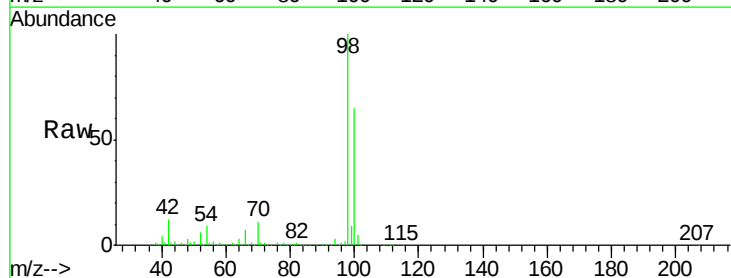
Instrument :
 MSVOA_U
 ClientSampleId :
 SB-50(0-5)

Tot Ion:113 Resp: 124698
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 20.9 16.2 24.4



#50
 Toluene-d8
 Concen: 47.377 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024521.D
 Acq: 13 Jun 2018 20:27

Tgt Ion: 98 Resp: 452106
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 48.166 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

SB-50(0-5)

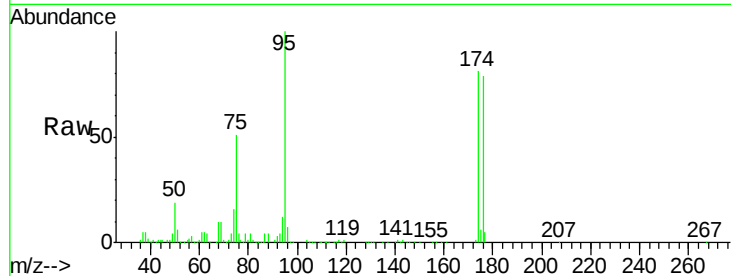
Tot Ion: 95 Resp: 182492

Ion Ratio Lower Upper

95 100

174 82.0 0.0 165.8

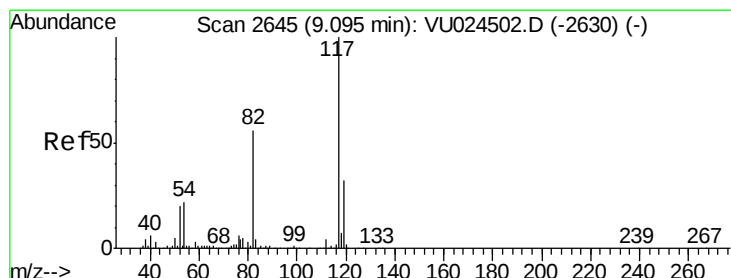
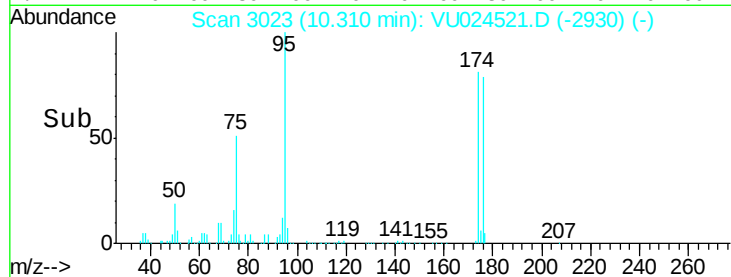
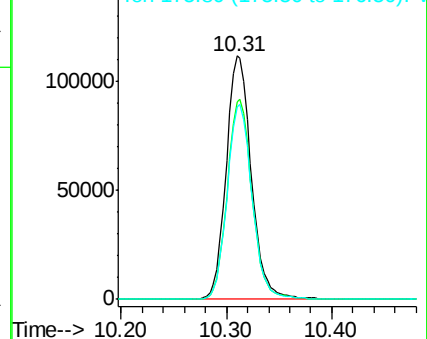
176 80.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024521.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024521.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024521.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

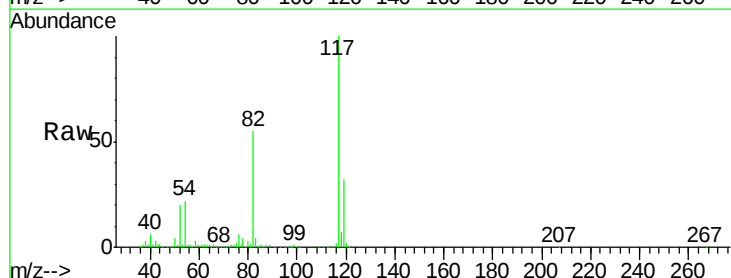
Tgt Ion: 117 Resp: 299395

Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

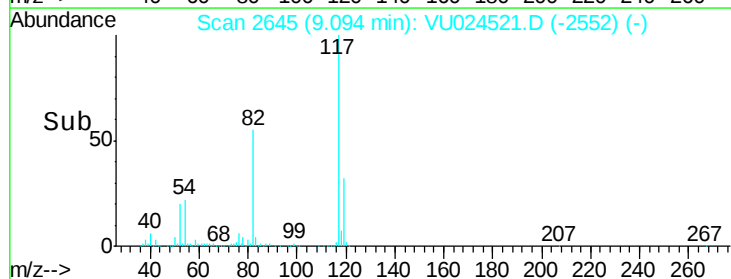
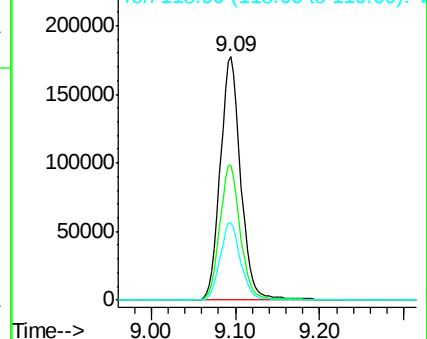
119 31.9 25.4 38.2

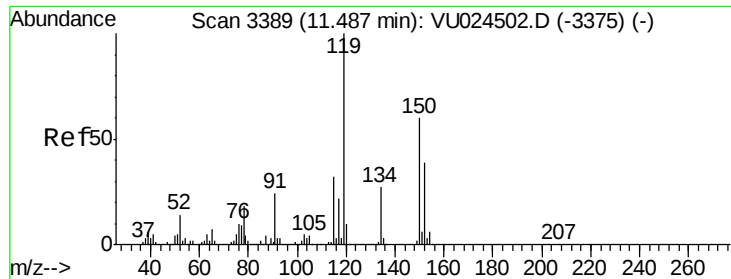


Abundance Ion 116.90 (116.60 to 117.60): VU024521.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024521.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024521.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024521.D

Acq: 13 Jun 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

SB-50(0-5)

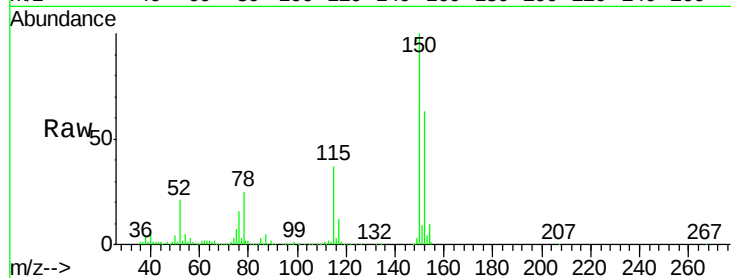
Tot Ion:152 Resp: 178206

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

150 155.9 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

