

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024520.D
 Acq On : 13 Jun 2018 20:04
 Operator : MD/SY
 Sample : J3461-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-54(0-5)

Quant Time: Jun 14 02:53:35 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

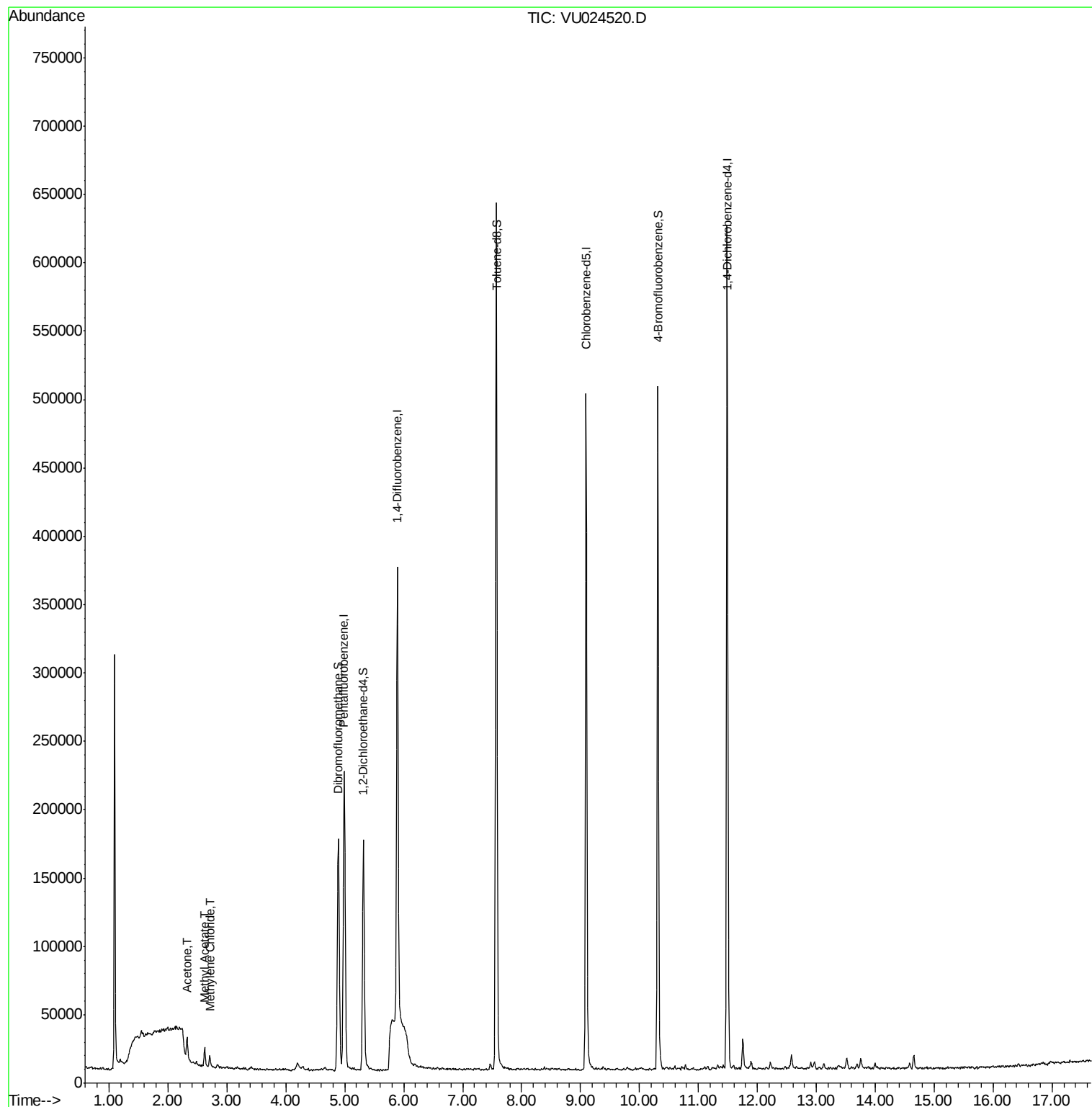
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	294787	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	161723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	135175	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	4.89	113	117192	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	7.57	98	427644	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.31	95	166983	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
Target Compounds						
16) Acetone	2.32	43	15688	10.367	ug/l	98
18) Methyl Acetate	2.62	43	16291	5.022	ug/l	96
20) Methylene Chloride	2.71	84	4367	1.839	ug/l	91

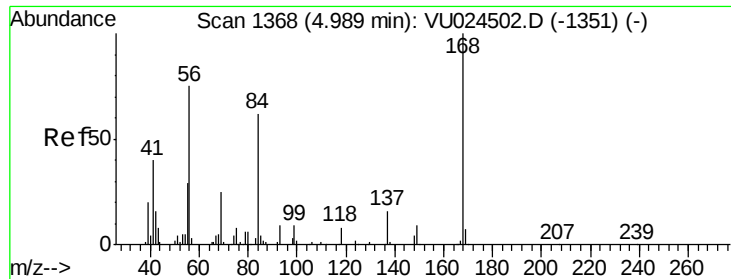
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024520.D

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ClientSampleId :

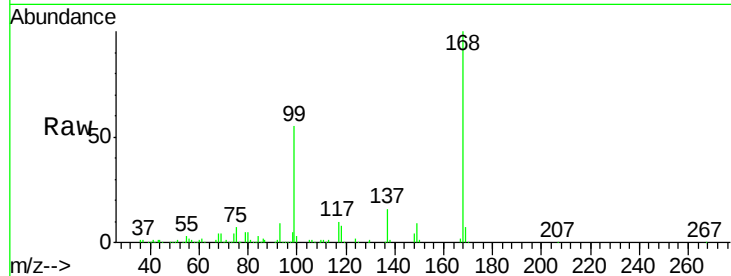
SB-54(0-5)

Tot Ion:168 Resp: 172512

Ion Ratio Lower Upper

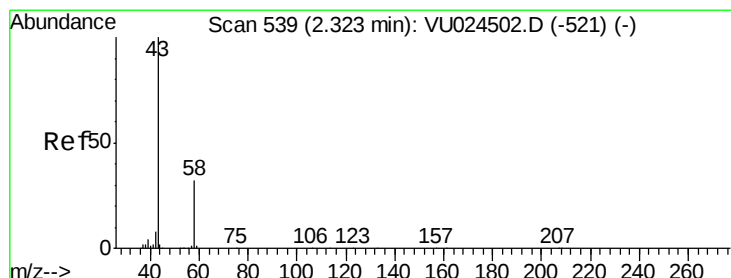
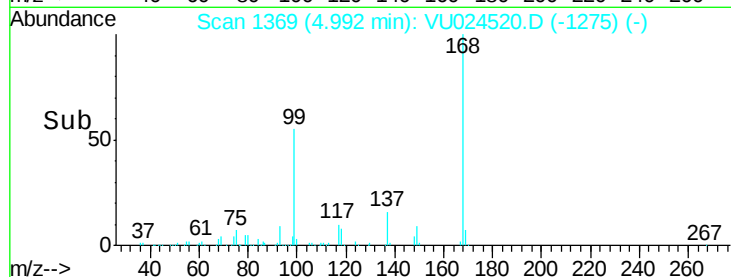
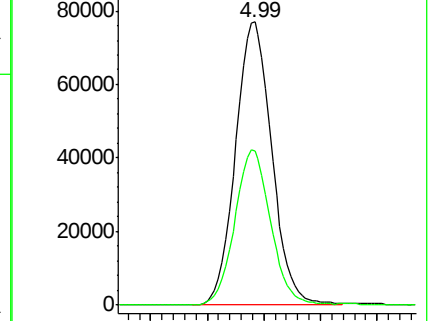
168 100

99 54.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 10.367 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024520.D

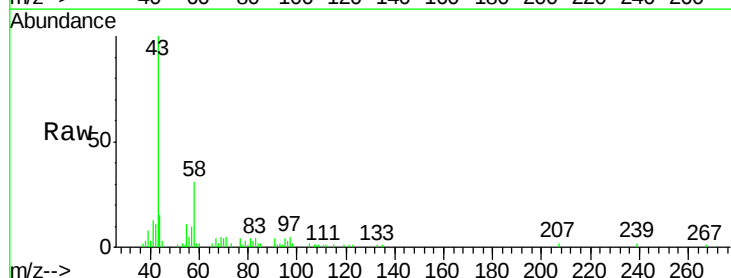
Acq: 13 Jun 2018 20:04

Tgt Ion: 43 Resp: 15688

Ion Ratio Lower Upper

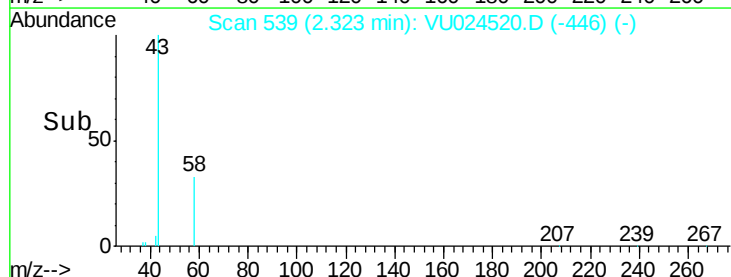
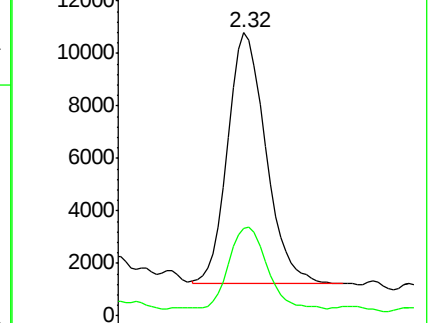
43 100

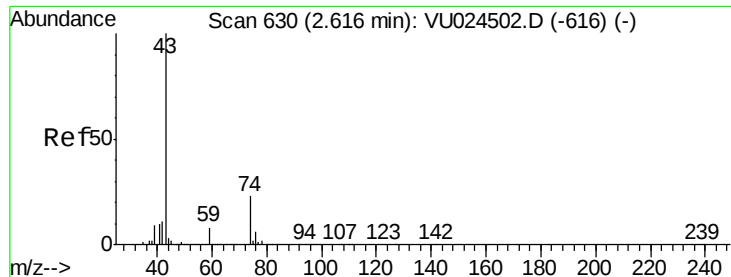
58 31.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

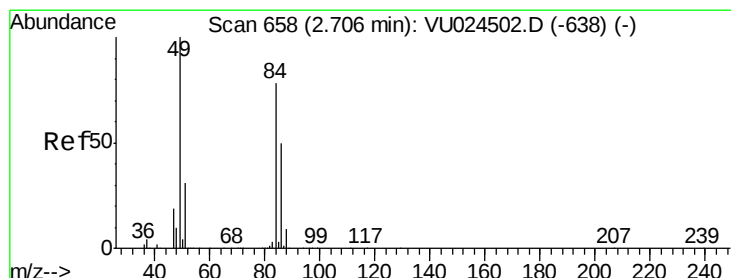
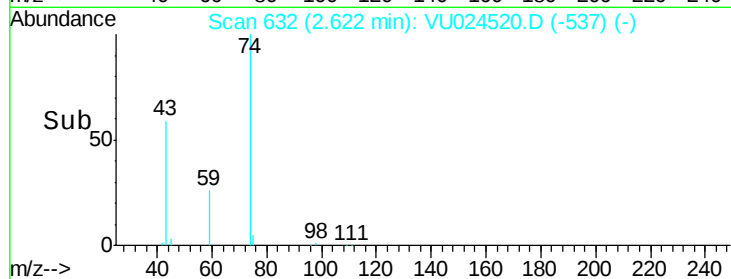
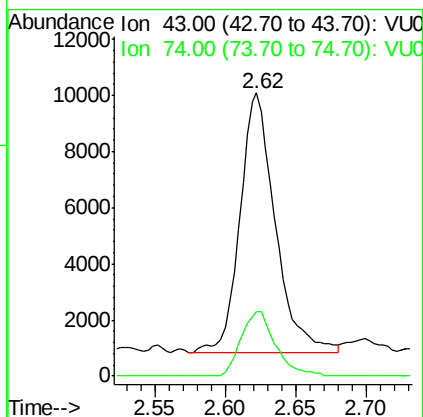
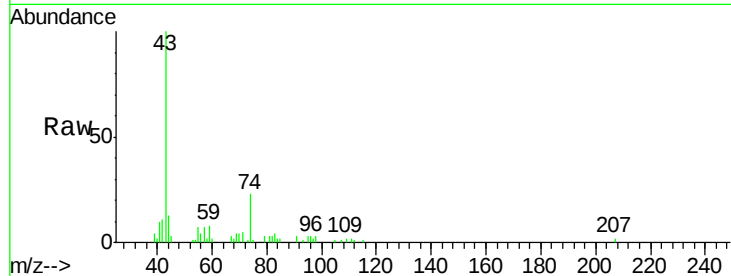




#18
Methyl Acetate
Concen: 5.022 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024520.D
Acq: 13 Jun 2018 20:04

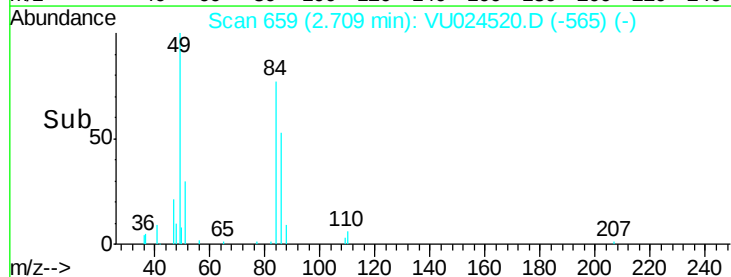
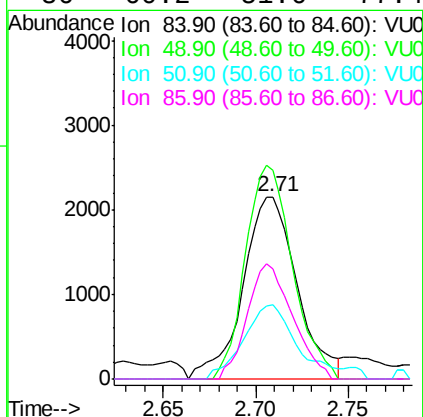
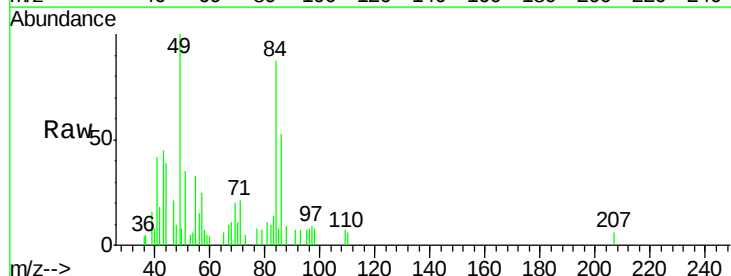
Instrument :
MSVOA_U
ClientSampleId :
SB-54(0-5)

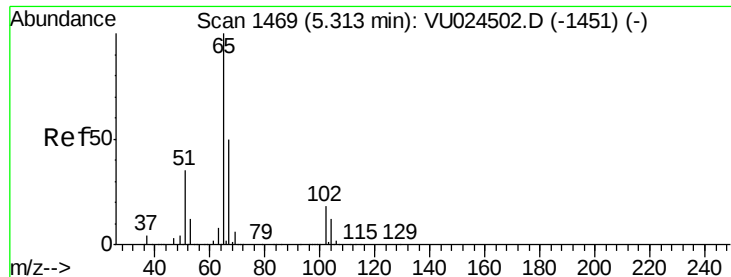
Tot Ion: 43 Resp: 16291
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0



#20
Methylene Chloride
Concen: 1.839 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024520.D
Acq: 13 Jun 2018 20:04

Tgt Ion: 84 Resp: 4367
Ion Ratio Lower Upper
84 100
49 114.4 103.8 155.8
51 40.4 32.0 48.0
86 60.2 51.6 77.4

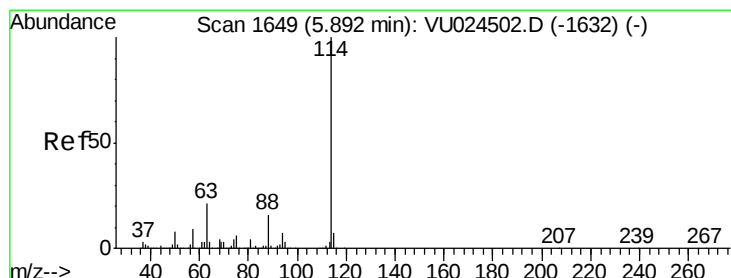
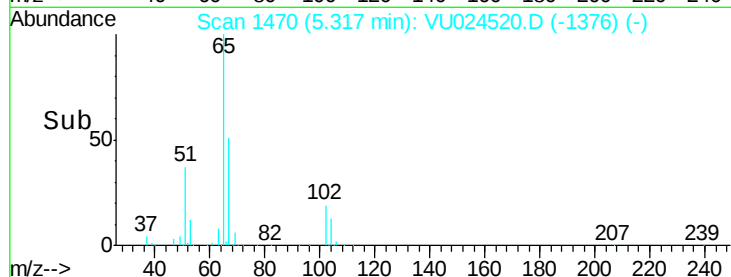
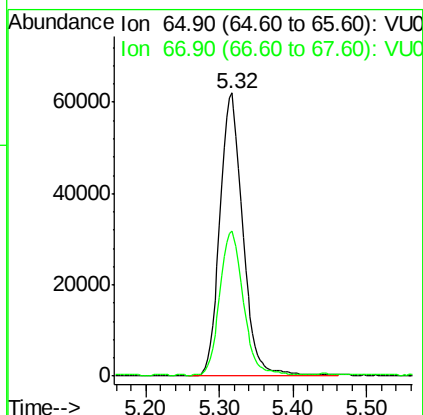
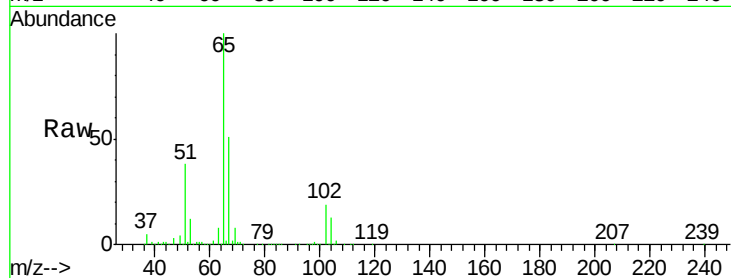




#33
 1,2-Dichloroethane-d4
 Concen: 47.997 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024520.D
 Acq: 13 Jun 2018 20:04

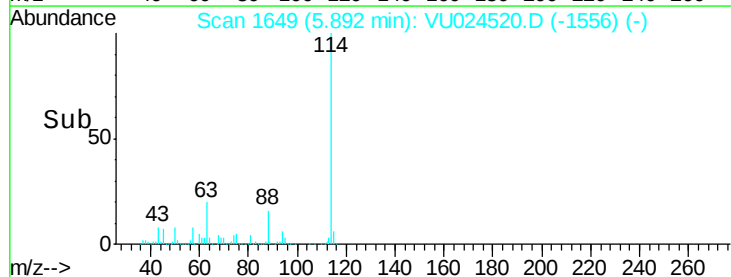
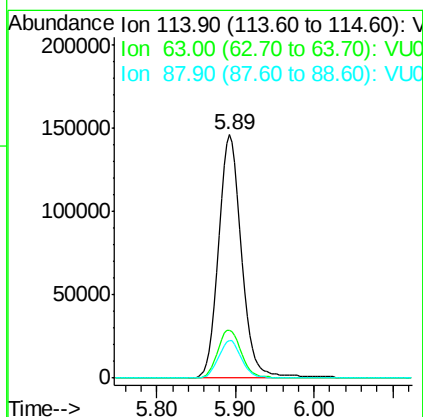
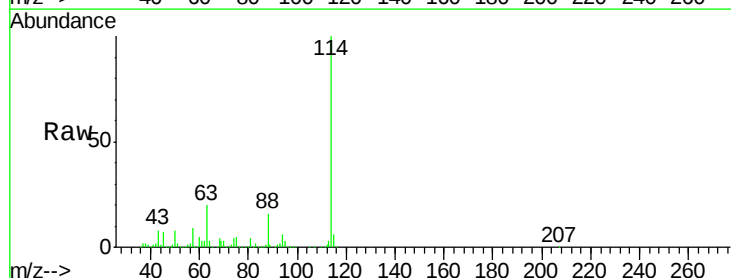
Instrument :
 MSVOA_U
 ClientSampleId :
 SB-54(0-5)

Tot Ion: 65 Resp: 135175
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024520.D
 Acq: 13 Jun 2018 20:04

Tgt Ion: 114 Resp: 294787
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.4
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.902 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024520.D

Acq: 13 Jun 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

SB-54(0-5)

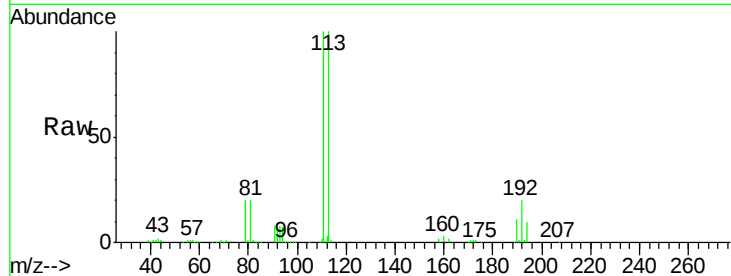
Tot Ion:113 Resp: 117192

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

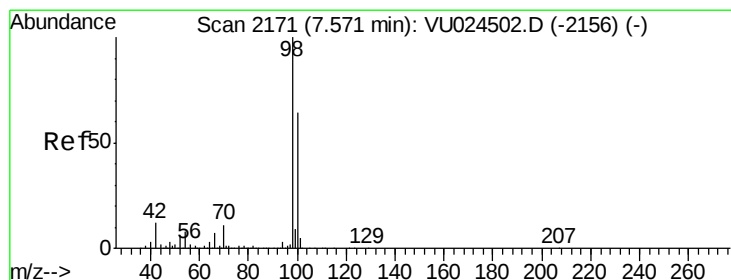
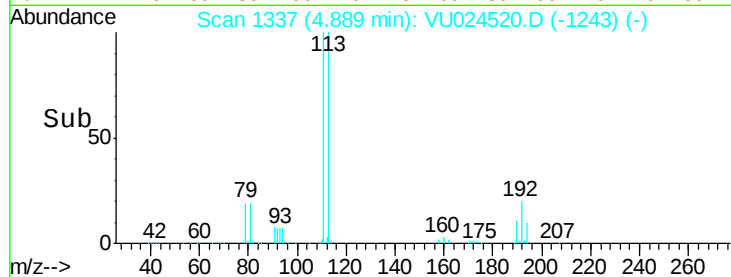
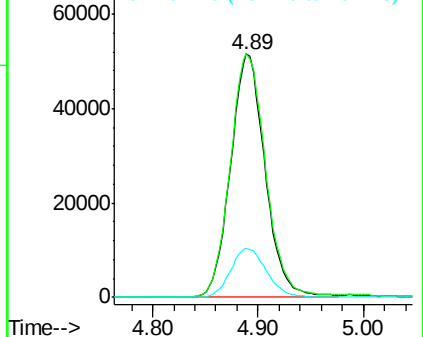
192 20.8 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 47.921 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024520.D

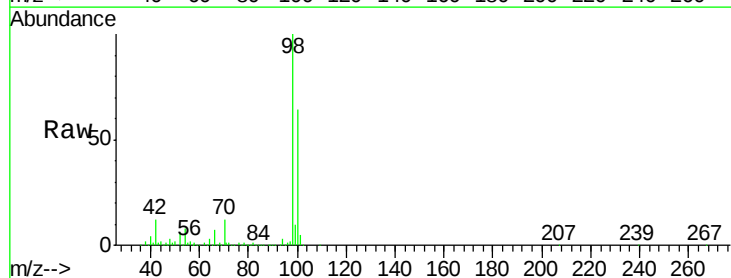
Acq: 13 Jun 2018 20:04

Tgt Ion: 98 Resp: 427644

Ion Ratio Lower Upper

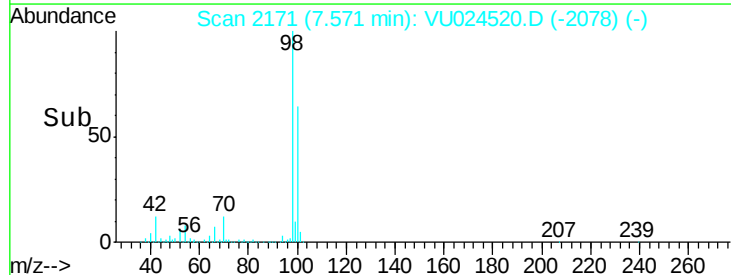
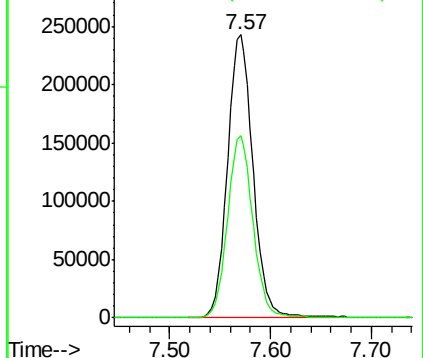
98 100

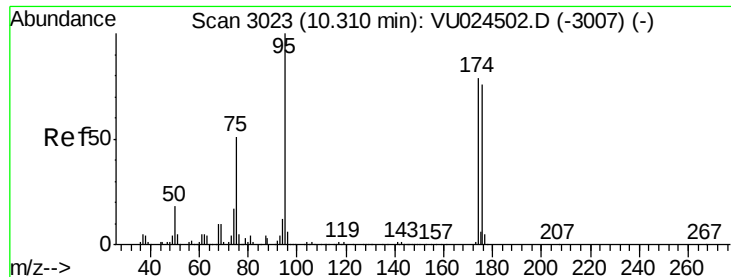
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

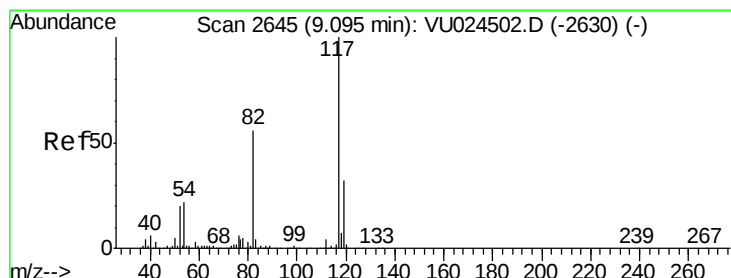
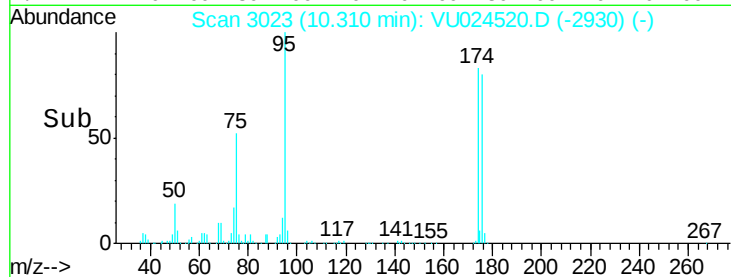
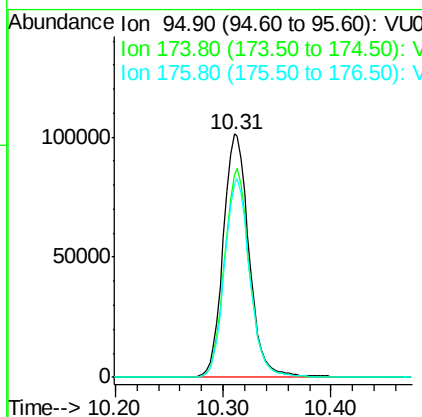
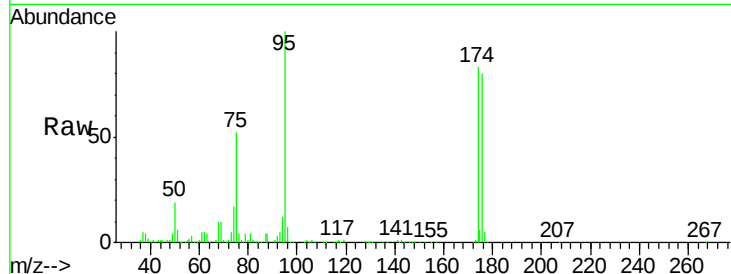




#62
4-Bromofluorobenzene
Concen: 47.129 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024520.D
Acq: 13 Jun 2018 20:04

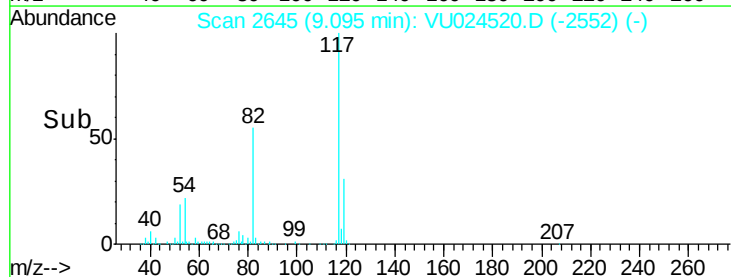
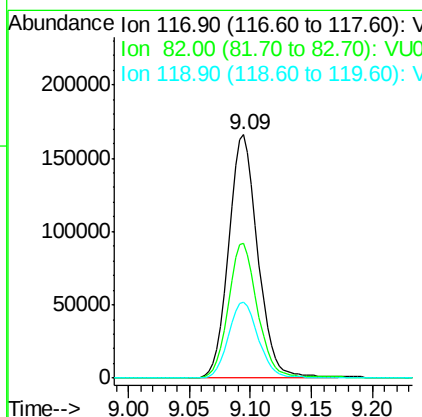
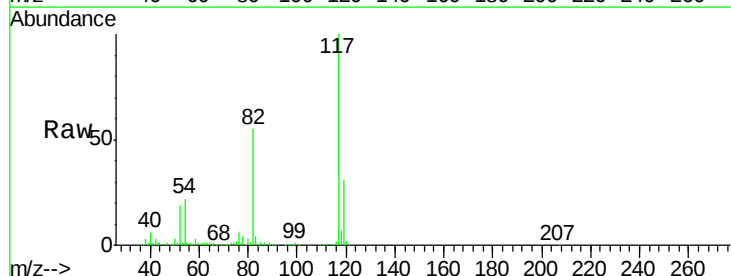
Instrument :
MSVOA_U
ClientSampleId :
SB-54(0-5)

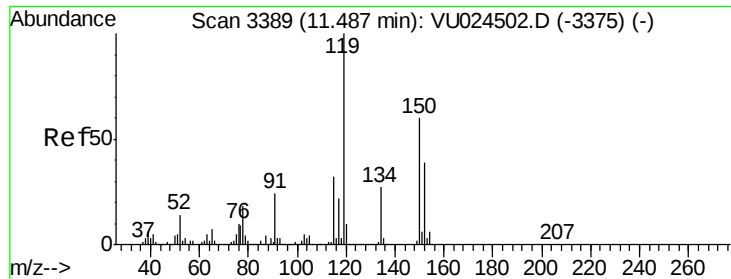
Tot Ion	95	Resp	166983
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	165.8
176	80.9	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024520.D
Acq: 13 Jun 2018 20:04

Tgt Ion	117	Resp	277992
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.3	66.5
119	31.4	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024520.D

Acq: 13 Jun 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

SB-54(0-5)

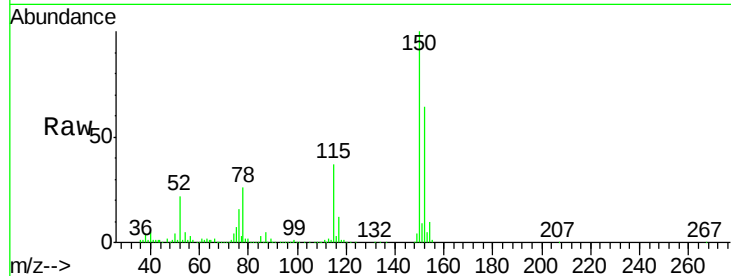
Tot Ion:152 Resp: 161723

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

150 158.4 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

