

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028452.D
 Acq On : 03 Dec 2018 19:25
 Operator : MD/SY
 Sample : J6149-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH

Quant Time: Dec 04 07:52:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

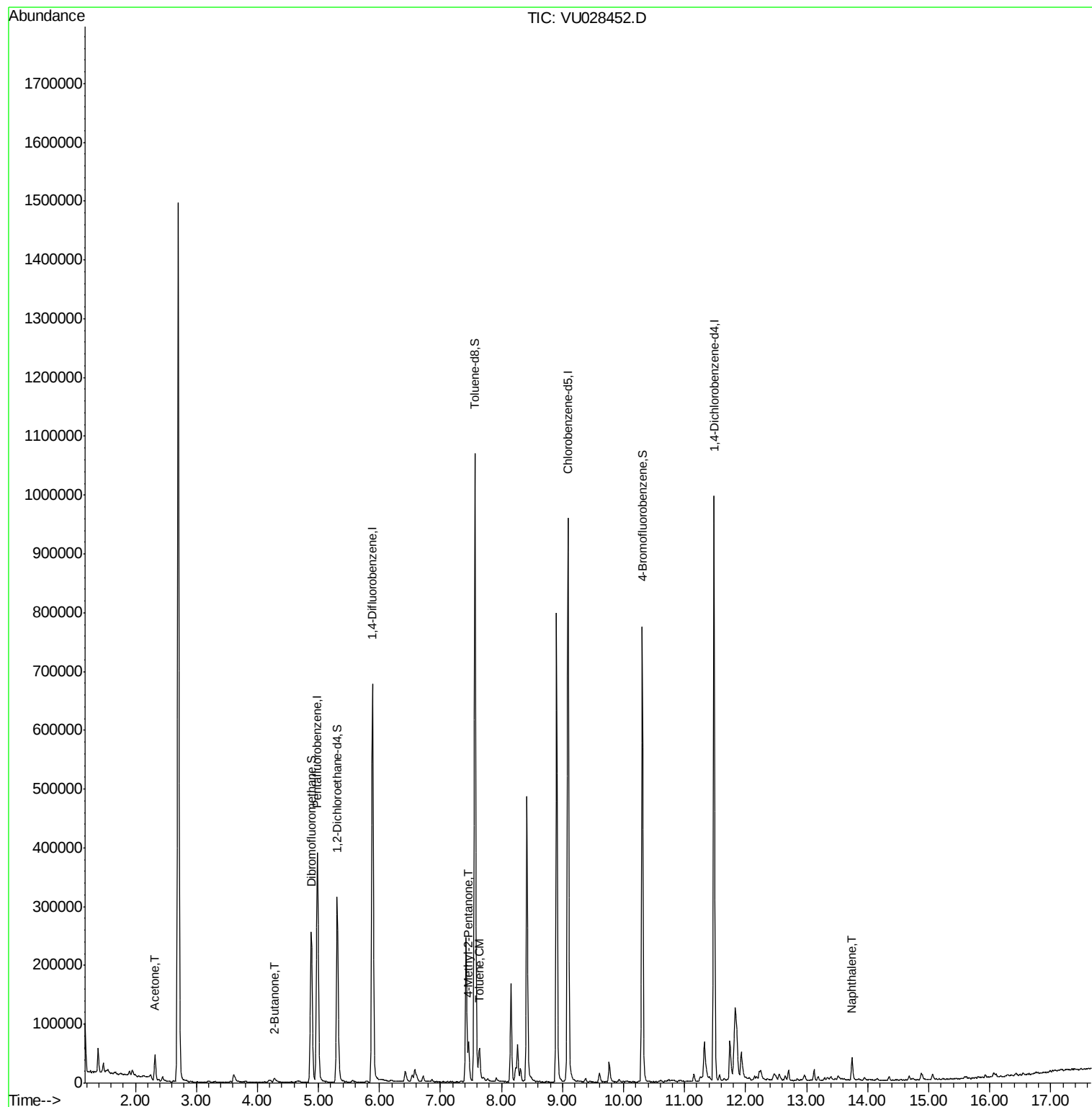
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	292638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	547644	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	512075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	238052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	245242	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	4.88	113	180893	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	7.57	98	710182	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	10.30	95	258321	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
16) Acetone	2.32	43	46688	15.605	ug/l	99
25) 2-Butanone	4.28	43	11249	2.624	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	43282	5.236	ug/l	94
52) Toluene	7.64	92	20687	2.024	ug/l	98
95) Naphthalene	13.74	128	32184	4.351	ug/l	95

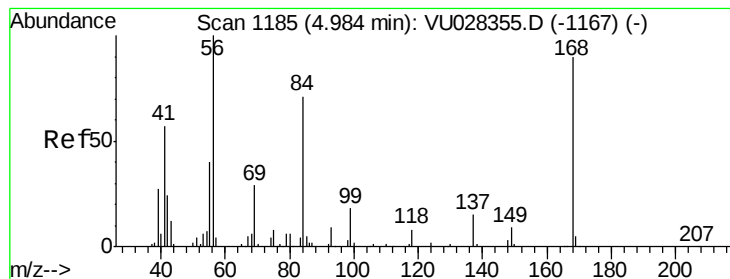
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

Instrument :

MSVOA_U

ClientSampleId :

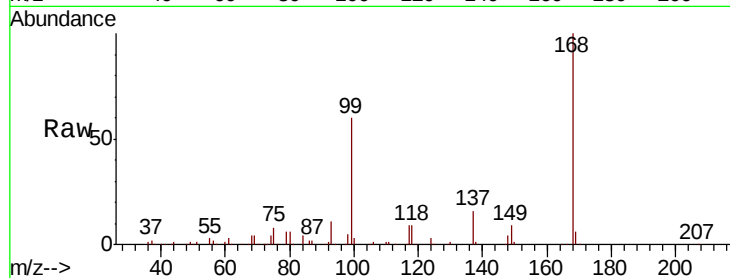
BUS-WASH

Tot Ion:168 Resp: 292638

Ion Ratio Lower Upper

168 100

99 60.5 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

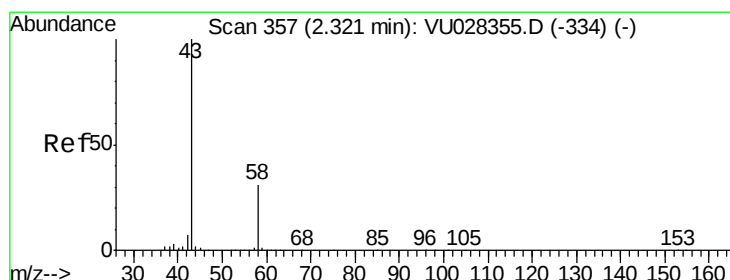
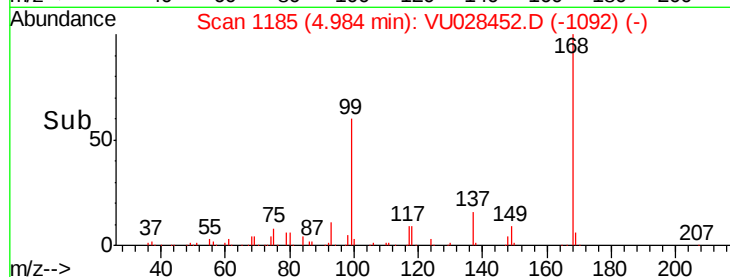
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.605 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028452.D

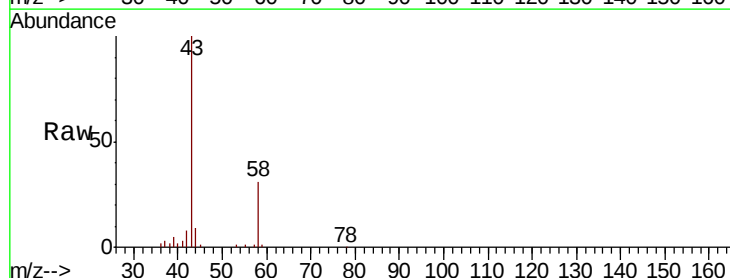
Acq: 03 Dec 2018 19:25

Tgt Ion: 43 Resp: 46688

Ion Ratio Lower Upper

43 100

58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

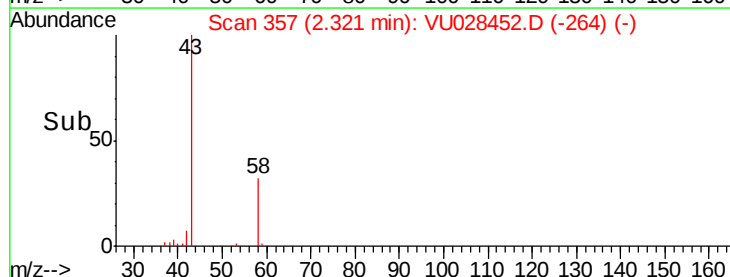
30000

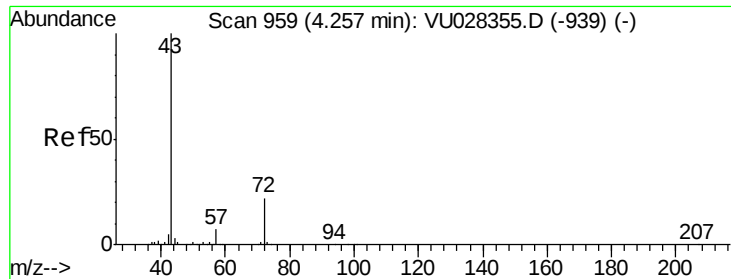
20000

10000

0

Time-->

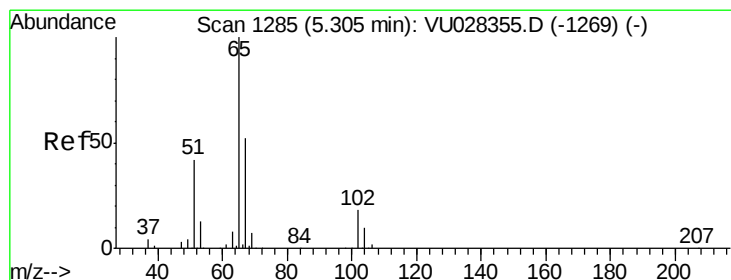
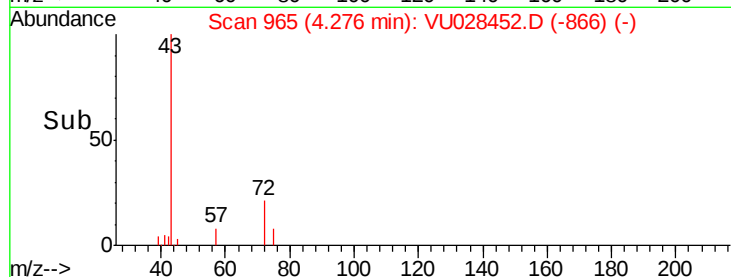
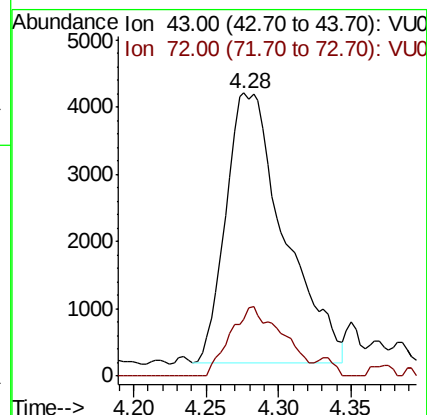
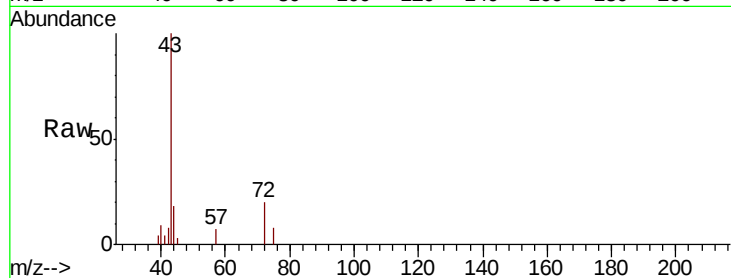




#25
2-Butanone
Concen: 2.624 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028452.D
Acq: 03 Dec 2018 19:25

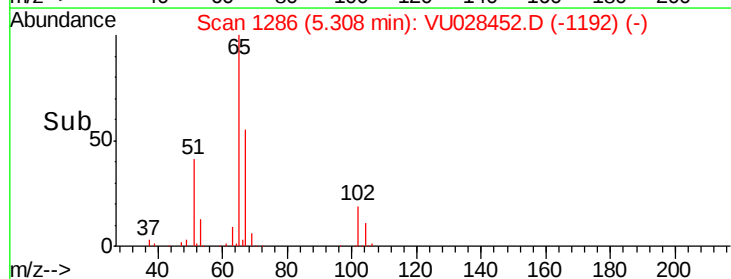
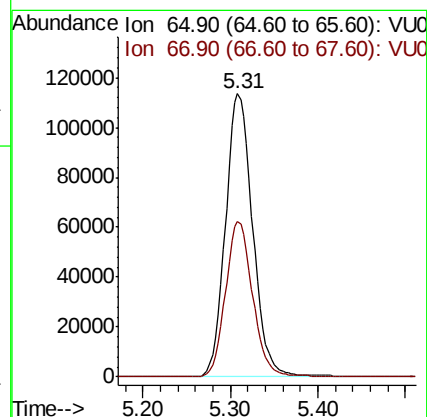
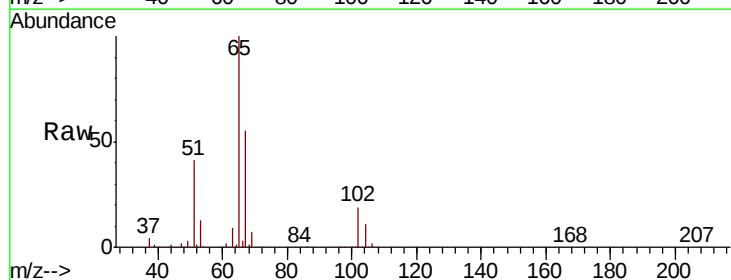
Instrument :
MSVOA_U
ClientSampleId :
BUS-WASH

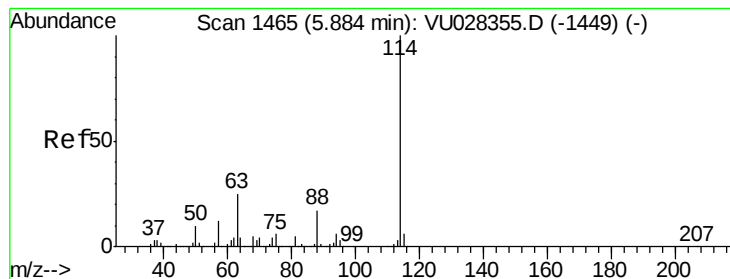
Tot Ion: 43 Resp: 11249
Ion Ratio Lower Upper
43 100
72 21.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 50.144 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028452.D
Acq: 03 Dec 2018 19:25

Tgt Ion: 65 Resp: 245242
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH

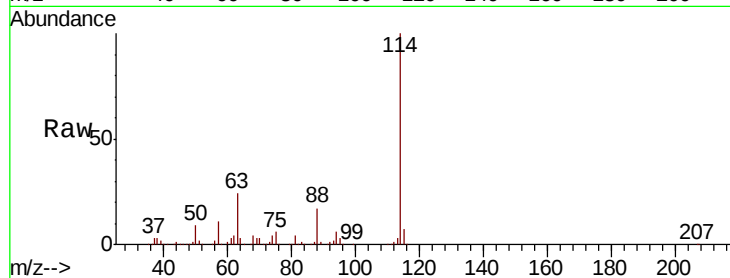
Tot Ion:114 Resp: 547644

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.0

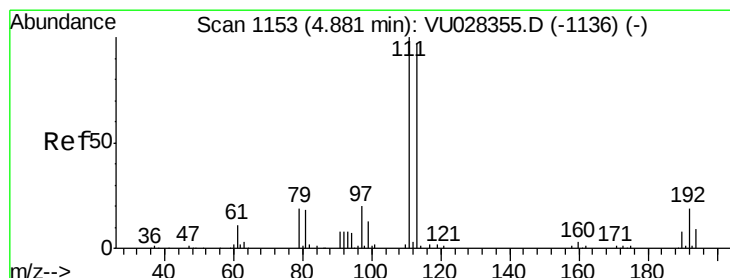
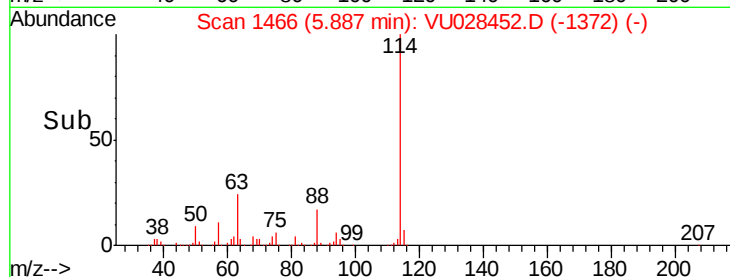
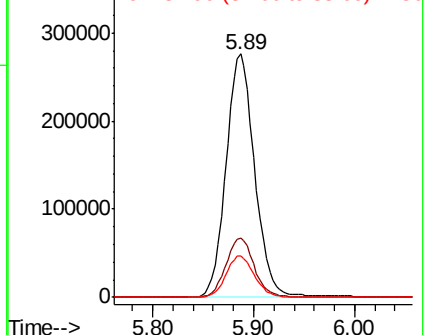
88 17.0 0.0 34.4



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: 49.674 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

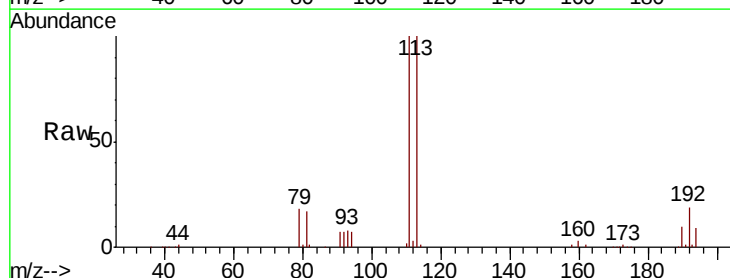
Tgt Ion:113 Resp: 180893

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

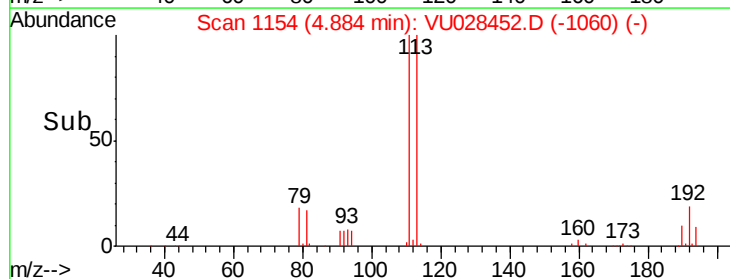
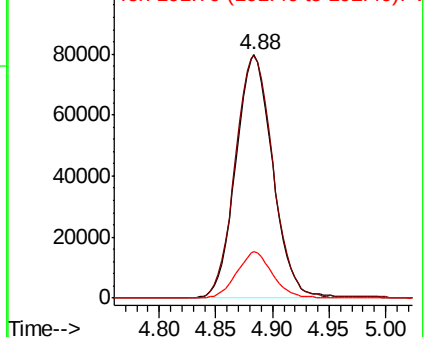
192 18.5 15.4 23.0

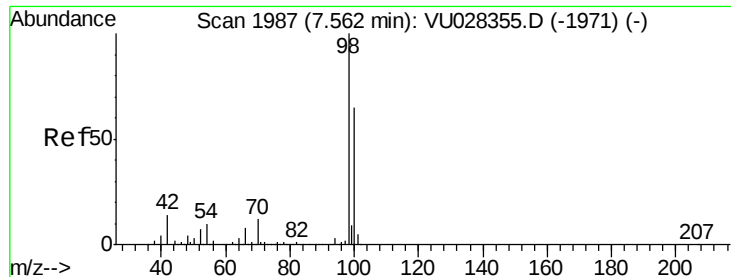


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.763 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

Instrument :

MSVOA_U

ClientSampleId :

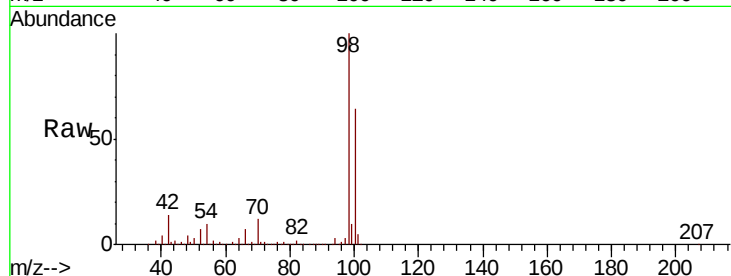
BUS-WASH

Tot Ion: 98 Resp: 710182

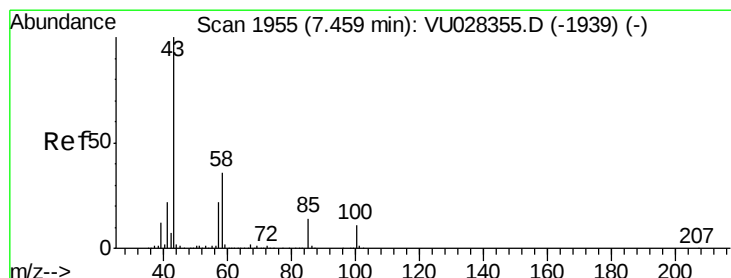
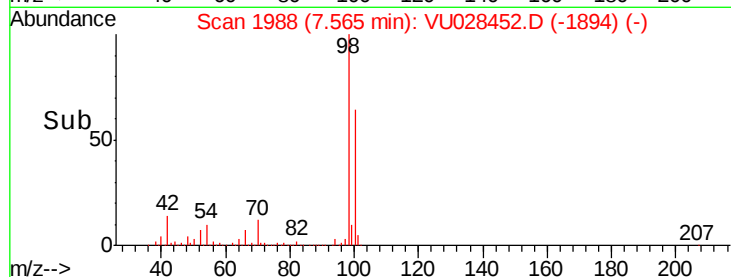
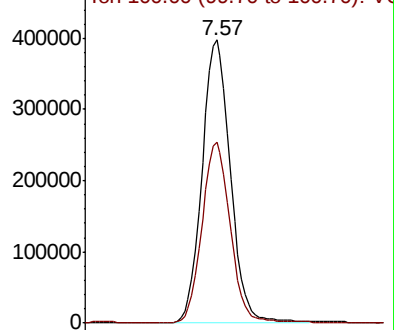
Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)



#51

4-Methyl-2-Pentanone

Concen: 5.236 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028452.D

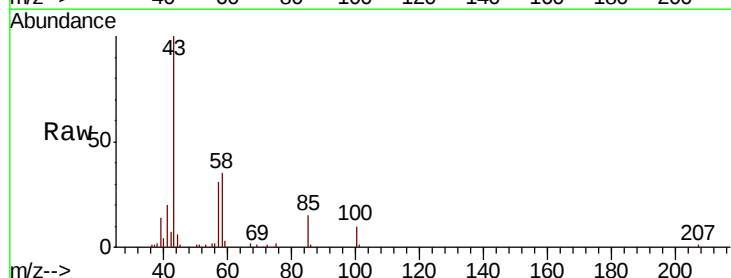
Acq: 03 Dec 2018 19:25

Tgt Ion: 43 Resp: 43282

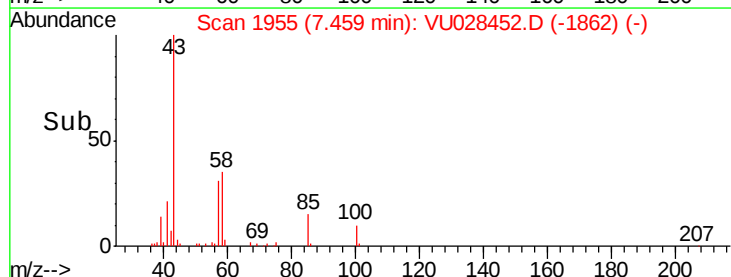
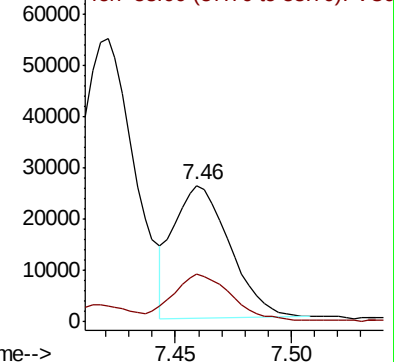
Ion Ratio Lower Upper

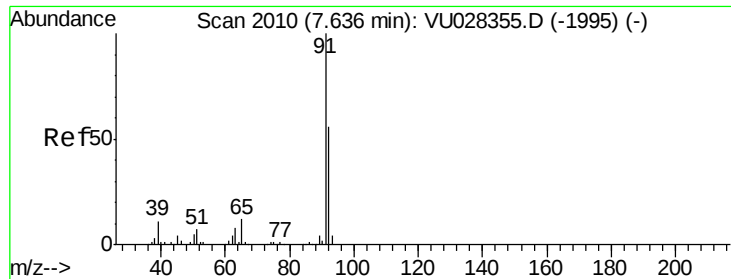
43 100

58 39.6 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)





#52

Toluene

Concen: 2.024 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

Instrument :

MSVOA_U

ClientSampleId :

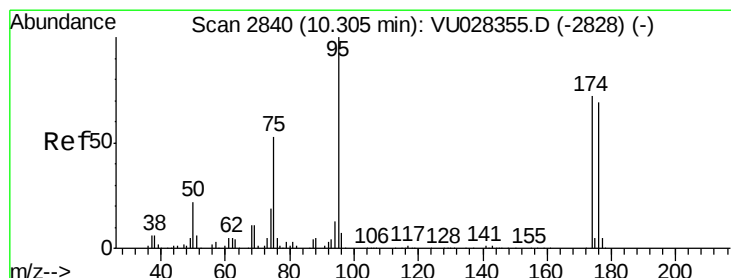
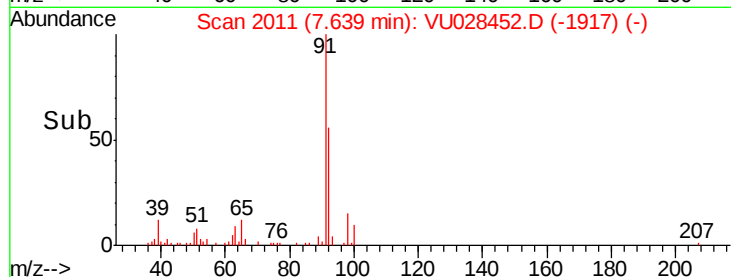
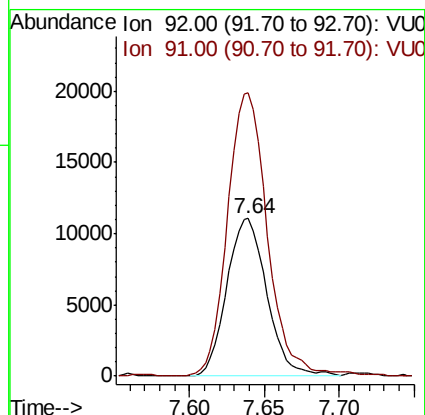
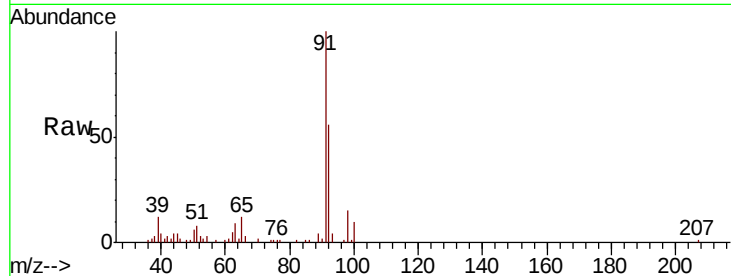
BUS-WASH

Tot Ion: 92 Resp: 20687

Ion Ratio Lower Upper

92 100

91 179.6 141.8 212.6



#62

4-Bromofluorobenzene

Concen: 49.211 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

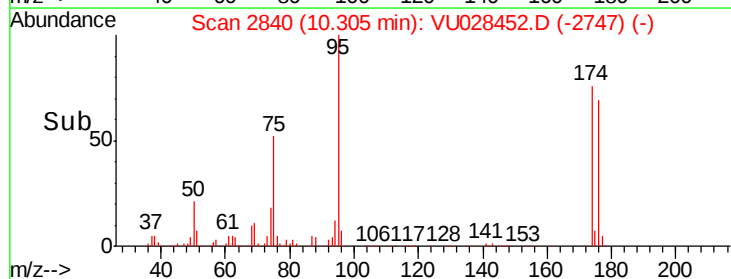
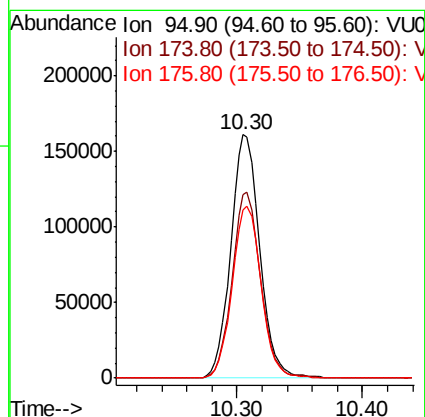
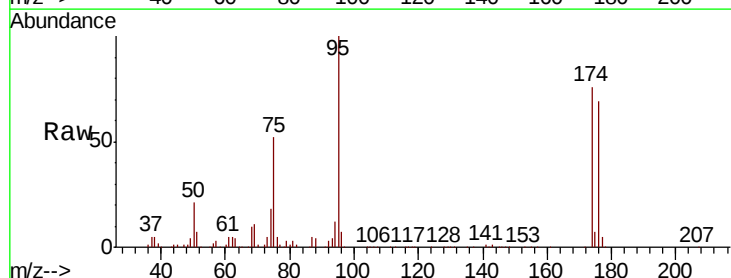
Tgt Ion: 95 Resp: 258321

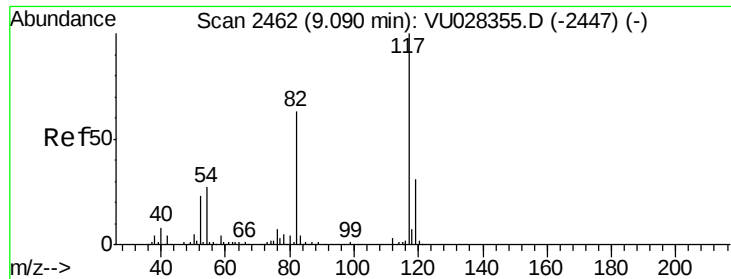
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.4

176 70.9 0.0 140.8

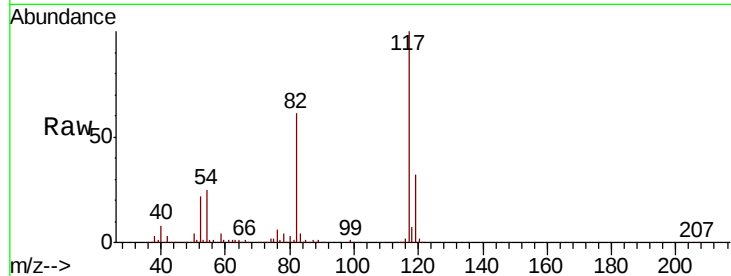




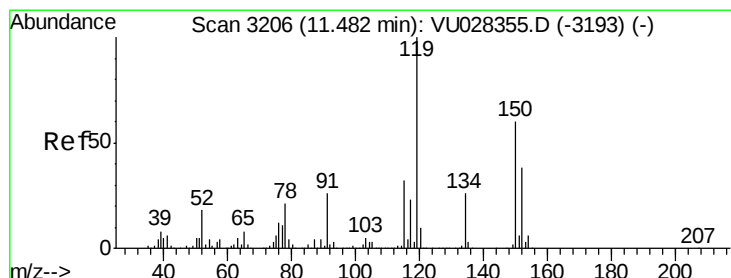
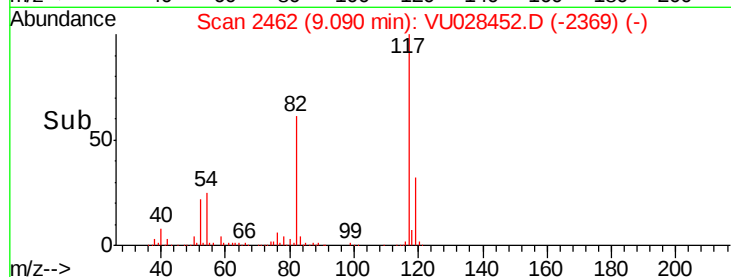
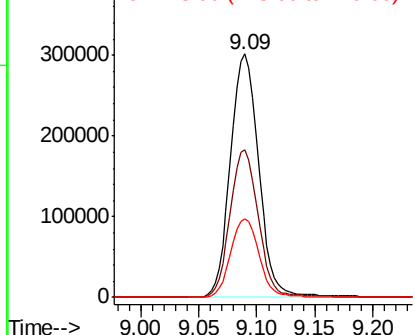
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028452.D
Acq: 03 Dec 2018 19:25

Instrument :
MSVOA_U
ClientSampleId :
BUS-WASH

Tot Ion:117 Resp: 512075
Ion Ratio Lower Upper
117 100
82 60.7 50.3 75.5
119 32.5 24.8 37.2

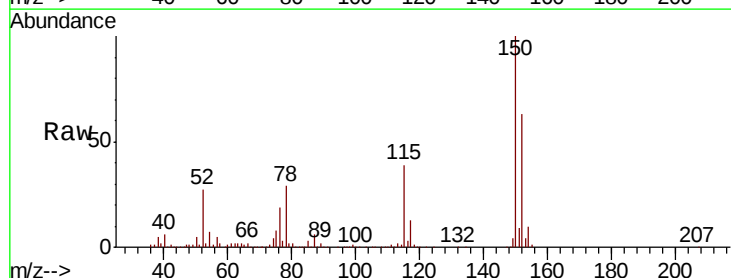


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

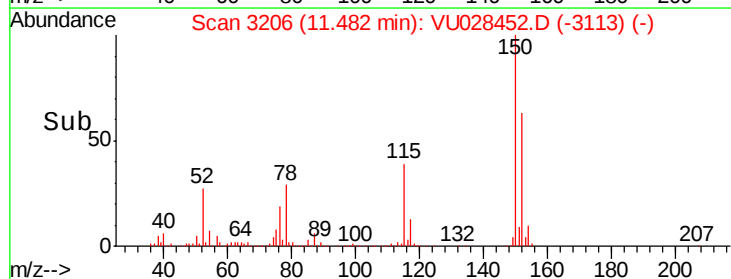
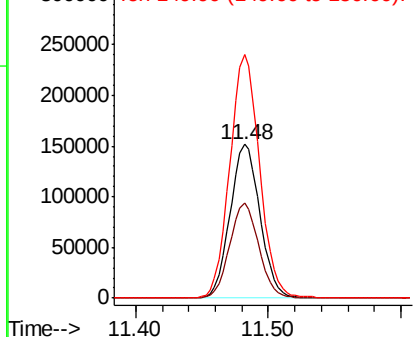


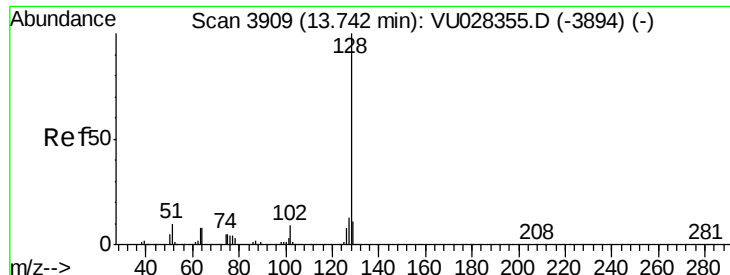
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028452.D
Acq: 03 Dec 2018 19:25

Tgt Ion:152 Resp: 238052
Ion Ratio Lower Upper
152 100
115 60.5 45.0 134.8
150 157.6 0.0 349.2



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





#95

Naphthalene

Concen: 4.351 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028452.D

Acq: 03 Dec 2018 19:25

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH

Tot Ion:128 Resp: 32184

Ion Ratio Lower Upper

128 100

127 10.8 10.6 15.8

129 9.1 8.6 12.8

