

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027547.D
 Acq On : 10 Oct 2018 01:25
 Operator : MD/SY
 Sample : J5302-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-3

Quant Time: Oct 10 07:34:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

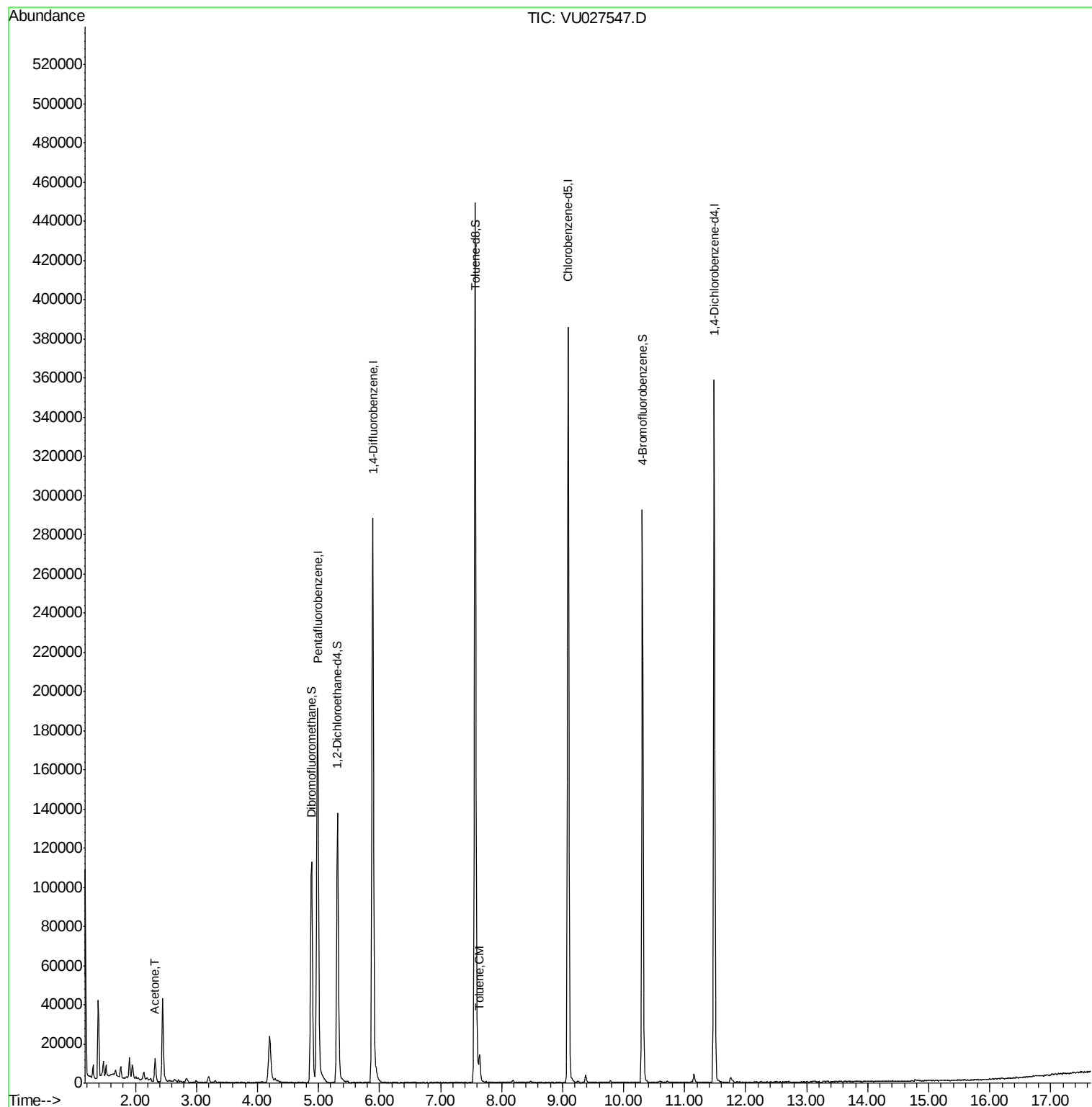
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	145206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	239669	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	208608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108009	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
35) Dibromofluoromethane	4.89	113	79111	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	7.57	98	300253	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	98170	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	2.32	43	13039	9.103	ug/l	94
52) Toluene	7.64	92	5979	1.333	ug/l	92

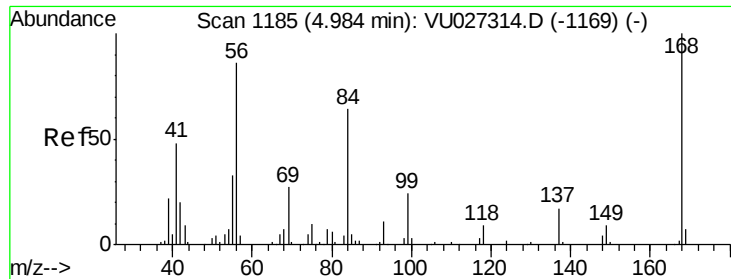
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027547.D

Acq: 10 Oct 2018 01:25

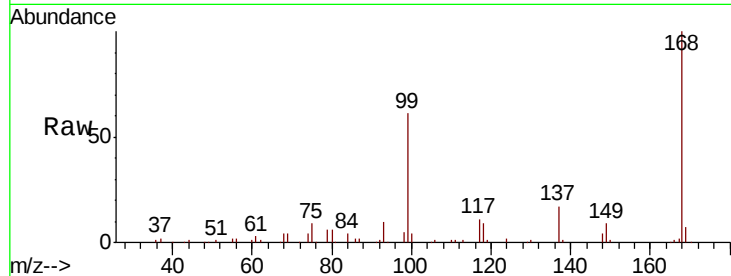
Instrument :
MSVOA_U
ClientSampleId :
TW-3

Tot Ion:168 Resp: 145206

Ion Ratio Lower Upper

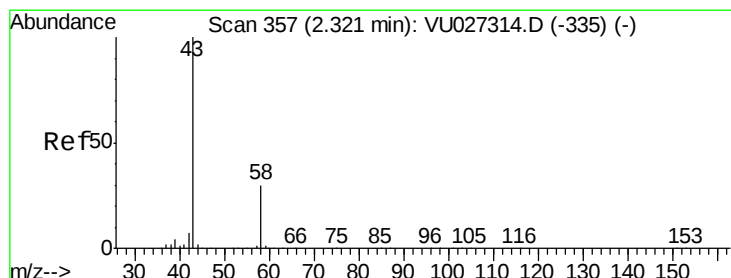
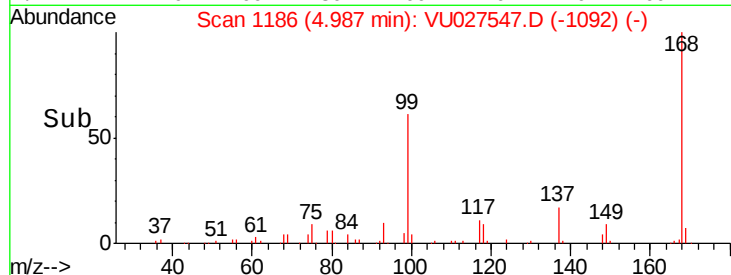
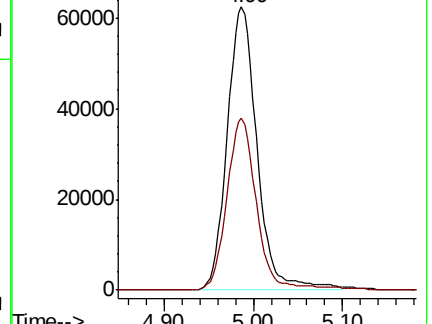
168 100

99 60.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#16

Acetone

Concen: 9.103 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027547.D

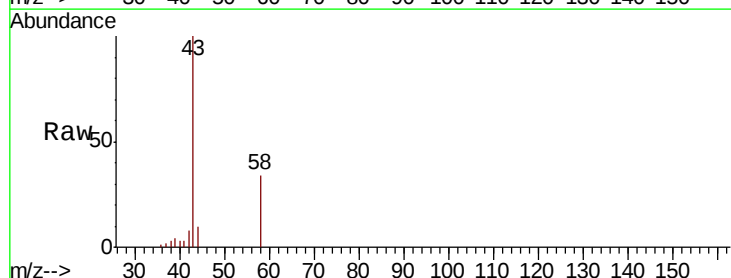
Acq: 10 Oct 2018 01:25

Tgt Ion: 43 Resp: 13039

Ion Ratio Lower Upper

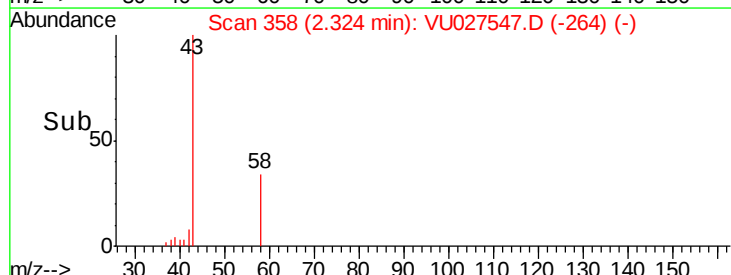
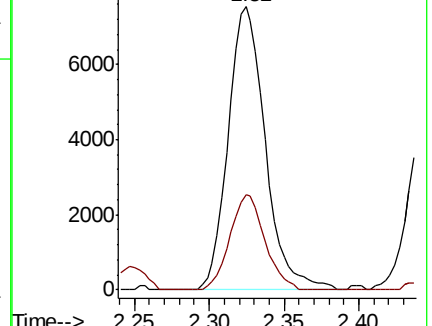
43 100

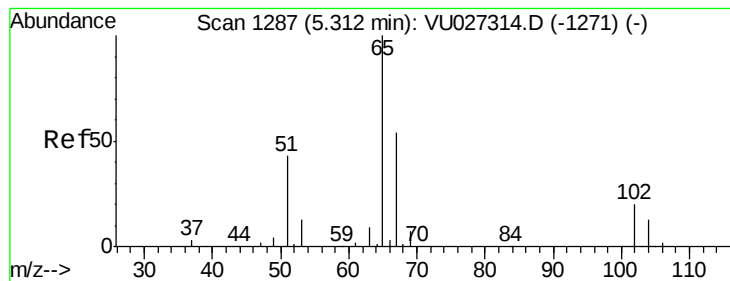
58 33.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)





#33

1,2-Dichloroethane-d4

Concen: 44.546 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027547.D

Acq: 10 Oct 2018 01:25

Instrument :

MSVOA_U

ClientSampled :

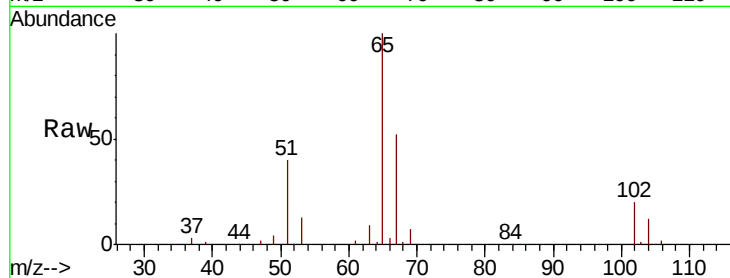
TW-3

Tot Ion: 65 Resp: 108009

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

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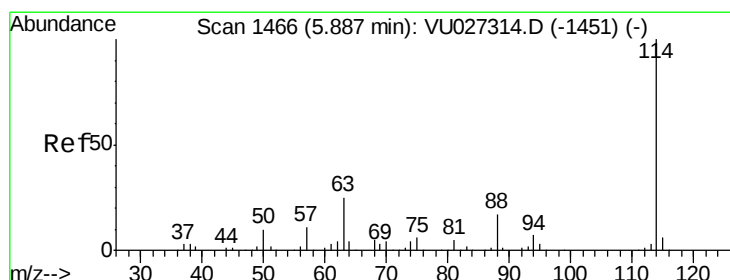
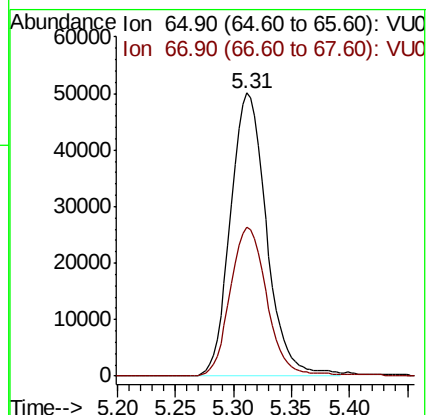
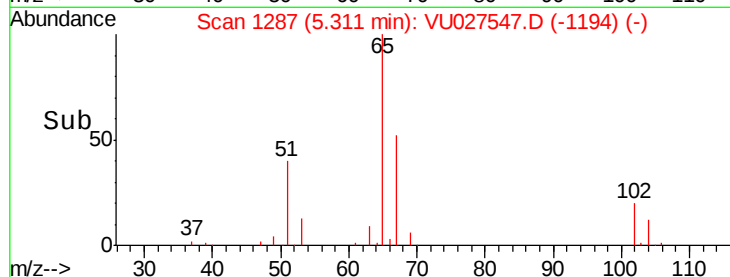
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027547.D

Acq: 10 Oct 2018 01:25

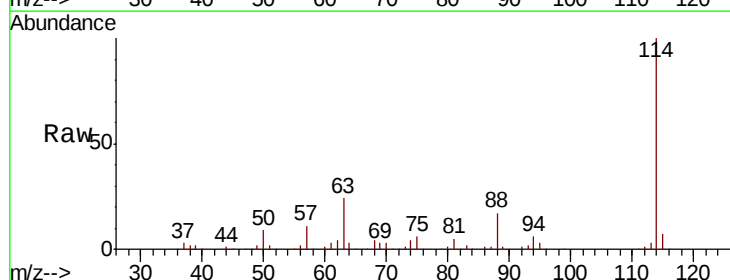
Tgt Ion: 114 Resp: 239669

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.2

88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027314.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027314.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027314.D (-1451) (-)

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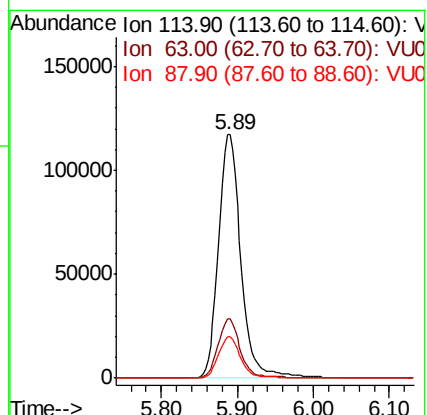
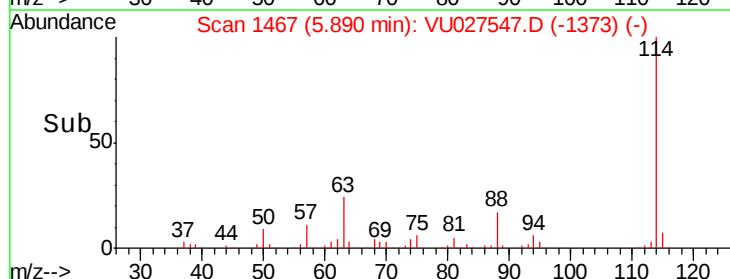
5.89

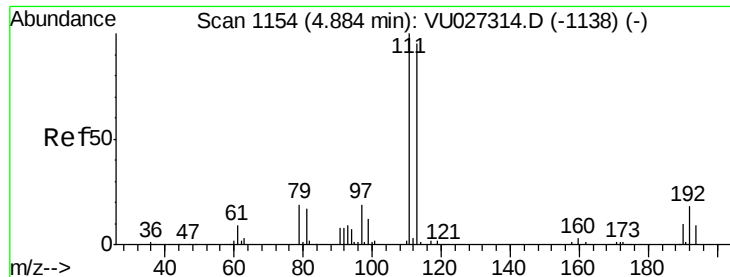
5.89

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5.89

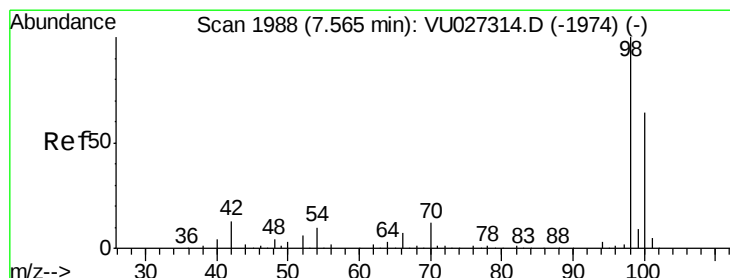
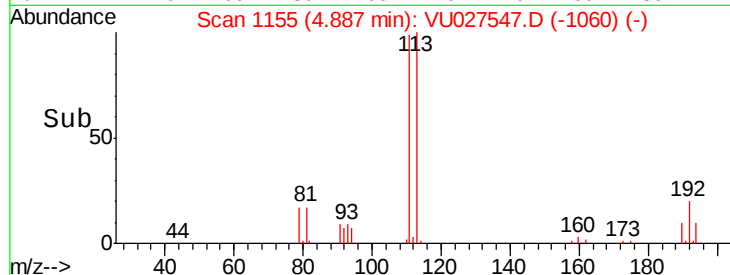
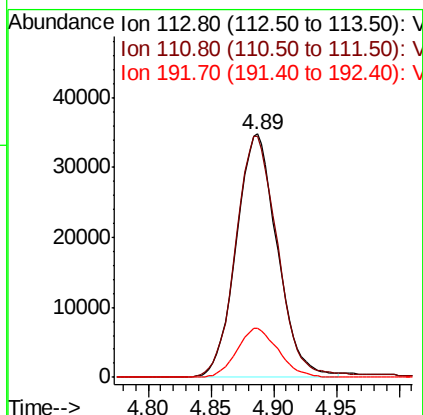
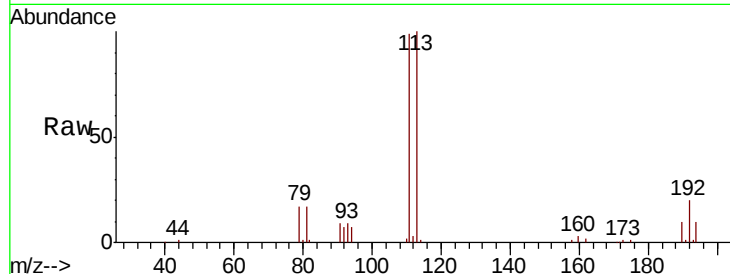




#35
 Dibromofluoromethane
 Concen: 48.164 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027547.D
 Acq: 10 Oct 2018 01:25

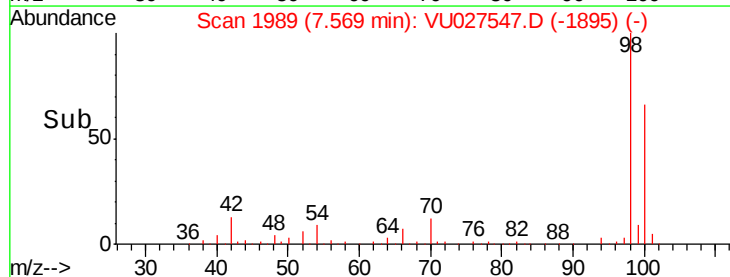
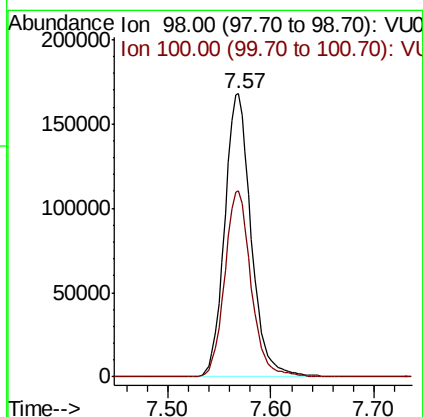
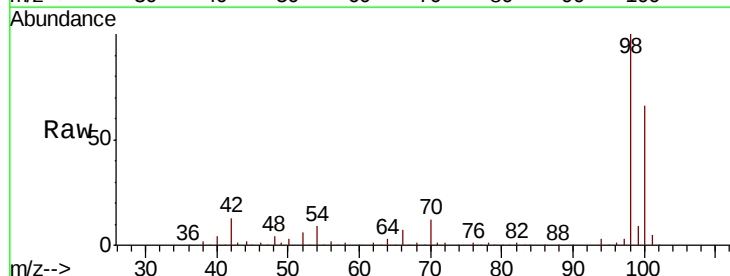
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-3

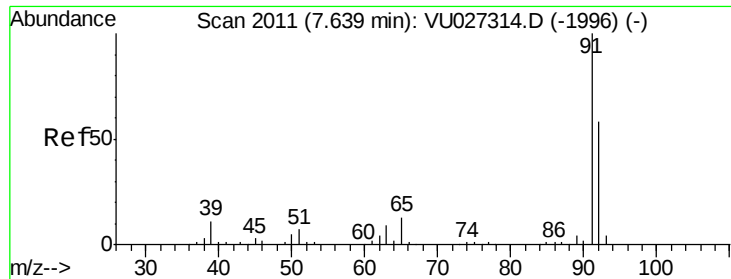
Tot Ion:113 Resp: 79111
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.1 124.7
 192 20.3 15.4 23.0



#50
 Toluene-d8
 Concen: 48.842 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027547.D
 Acq: 10 Oct 2018 01:25

Tgt Ion: 98 Resp: 300253
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1





#52

Toluene

Concen: 1.333 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027547.D

Acq: 10 Oct 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

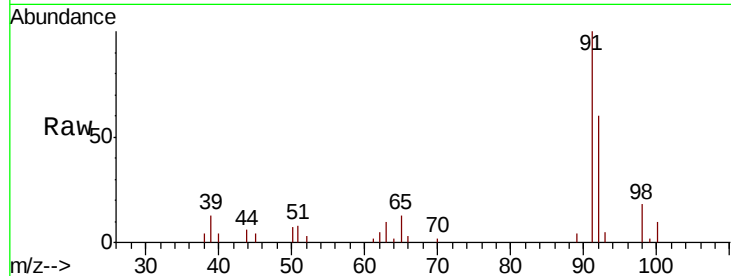
TW-3

Tot Ion: 92 Resp: 5979

Ion Ratio Lower Upper

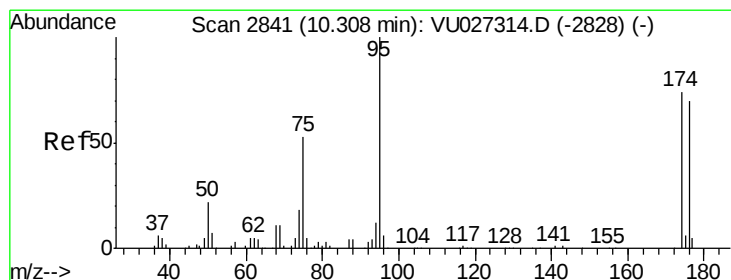
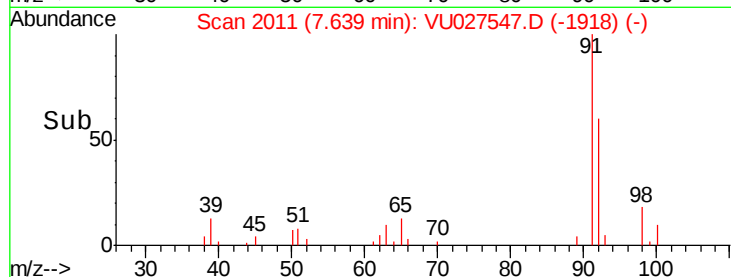
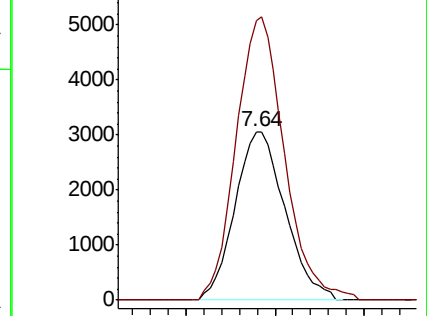
92 100

91 162.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 42.970 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027547.D

Acq: 10 Oct 2018 01:25

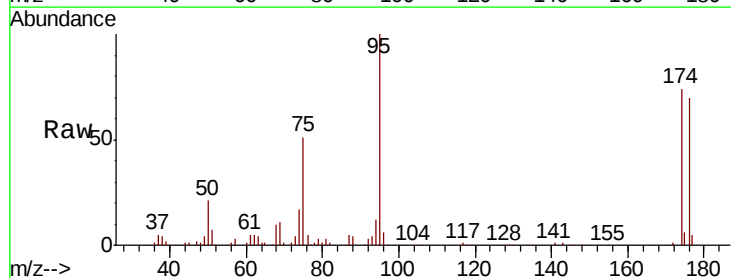
Tgt Ion: 95 Resp: 98170

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.8

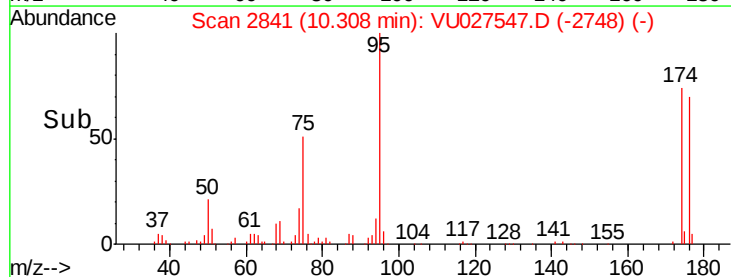
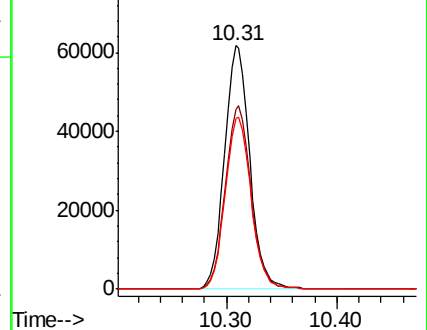
176 72.4 0.0 140.8

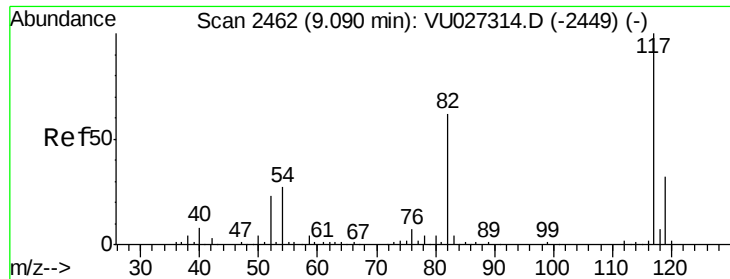


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

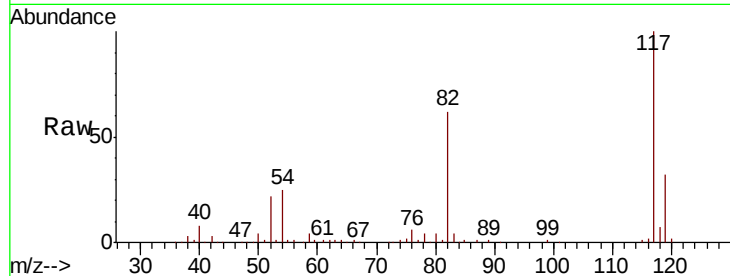




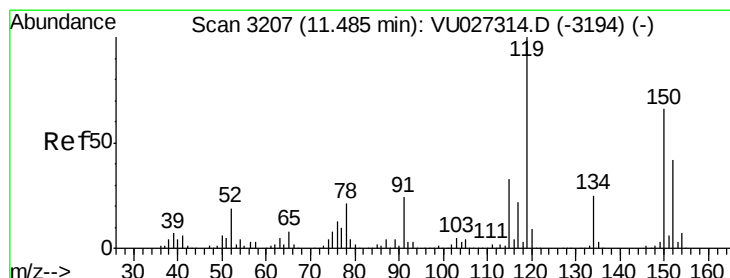
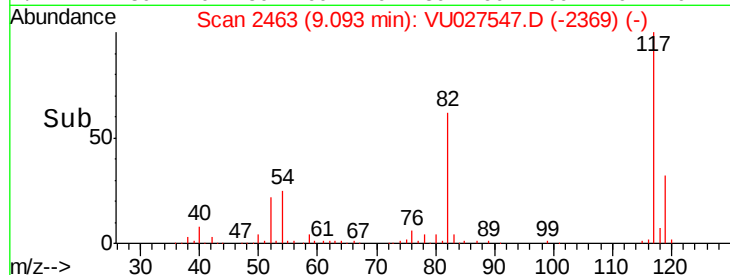
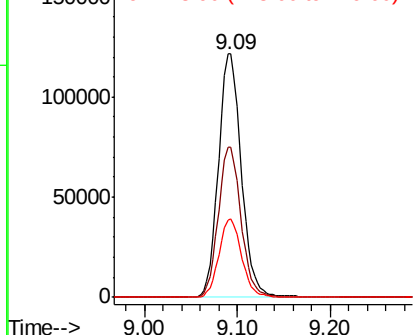
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027547.D
Acq: 10 Oct 2018 01:25

Instrument :
MSVOA_U
ClientSampleId :
TW-3

Tot Ion:117 Resp: 208608
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 32.1 25.7 38.5

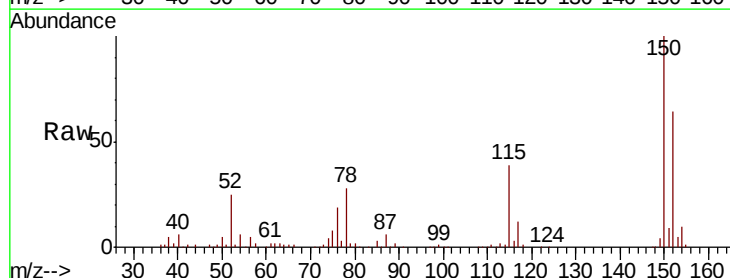


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027547.D
Acq: 10 Oct 2018 01:25

Tgt Ion:152 Resp: 89392
Ion Ratio Lower Upper
152 100
115 59.8 43.4 130.2
150 155.8 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

