

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028061.D
 Acq On : 12 Nov 2018 13:44
 Operator : MD/SY
 Sample : J5885-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 R-3

Quant Time: Nov 13 03:09:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

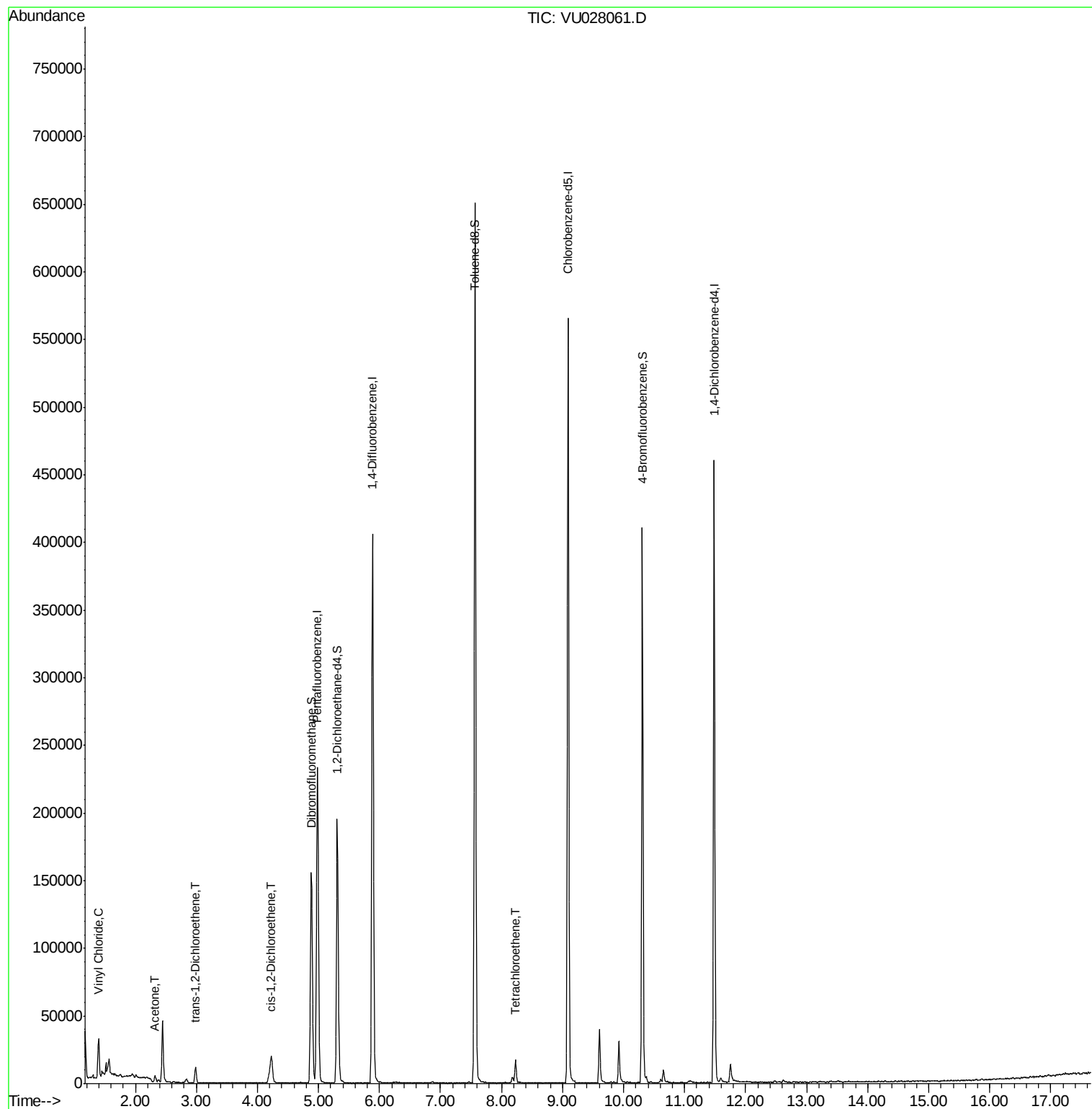
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	321474	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	111478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148809	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
35) Dibromofluoromethane	4.88	113	107589	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	7.57	98	415217	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	10.31	95	133353	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
4) Vinyl Chloride	1.40	62	10024	3.851	ug/l	97
16) Acetone	2.32	43	5242	3.330	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	4507	2.183	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	9214	3.980	ug/l	95
64) Tetrachloroethene	8.23	164	3597	1.942	ug/l	98

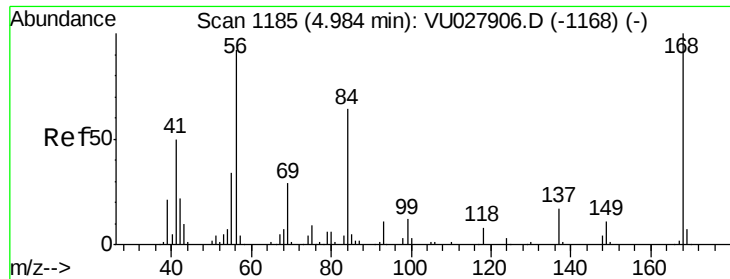
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028061.D

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Instrument :

MSVOA_U

ClientSampleId :

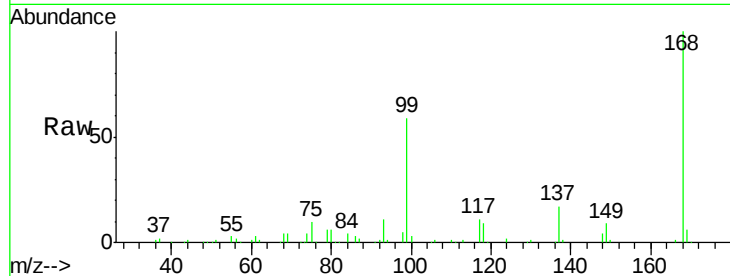
R-3

Tgt Ion:168 Resp: 170675

Ion Ratio Lower Upper

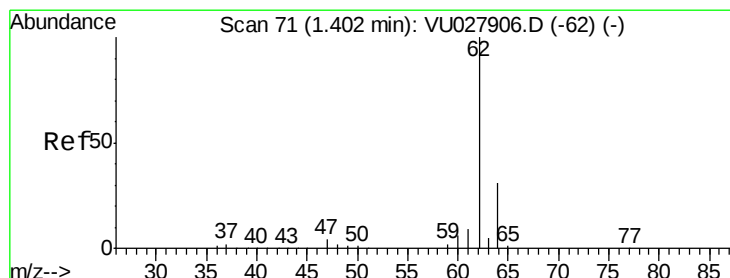
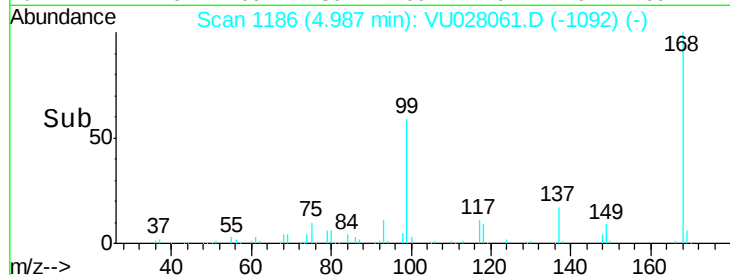
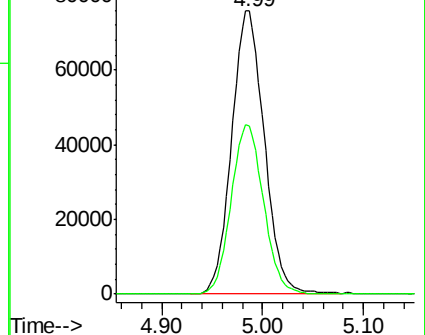
168 100

99 59.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028061.D (-1092) (-)



#4

Vinyl Chloride

Concen: 3.851 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028061.D

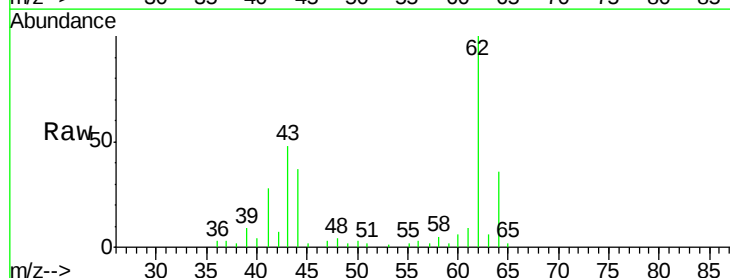
Acq: 12 Nov 2018 13:44

Tgt Ion: 62 Resp: 10024

Ion Ratio Lower Upper

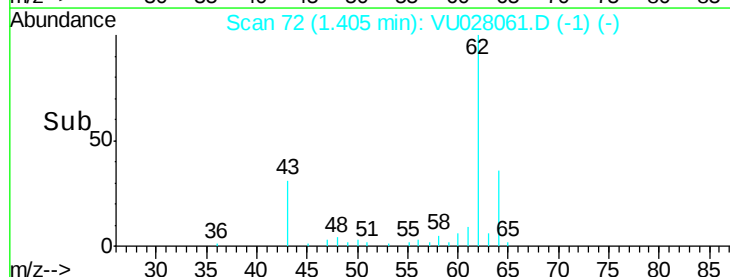
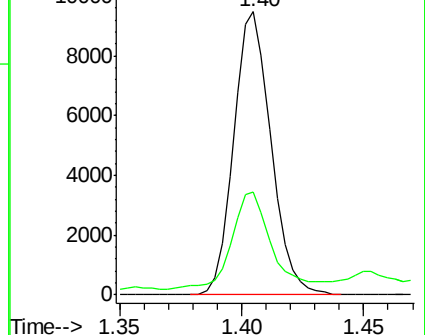
62 100

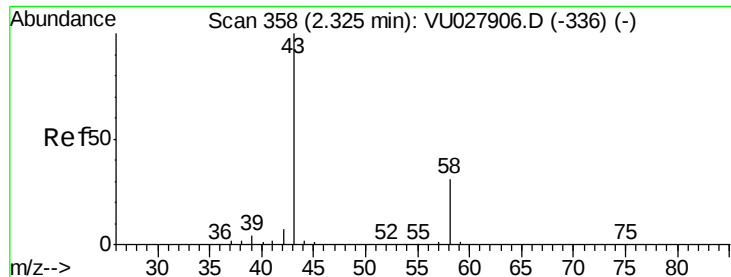
64 32.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028061.D (-1) (-)





#16

Acetone

Concen: 3.330 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028061.D

Acq: 12 Nov 2018 13:44

Instrument :

MSVOA_U

ClientSampleId :

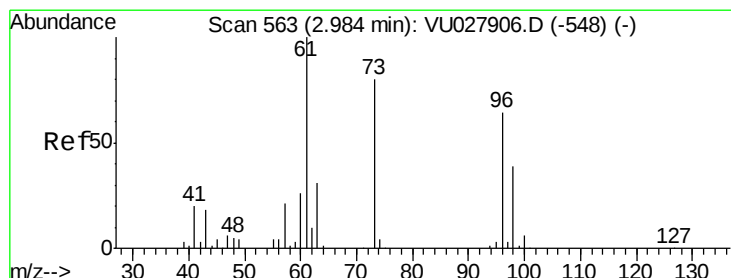
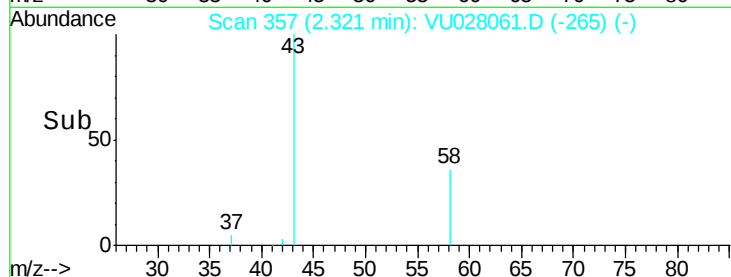
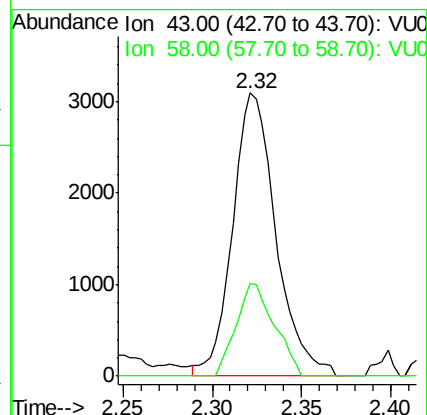
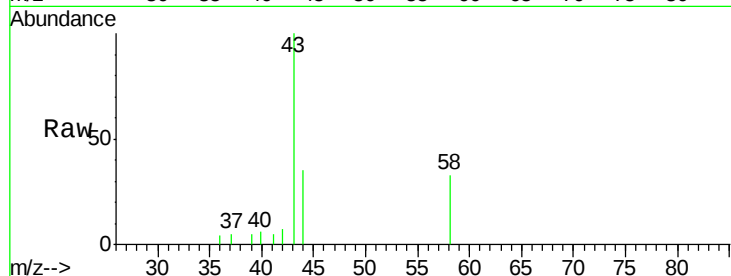
R-3

Tgt Ion: 43 Resp: 5242

Ion Ratio Lower Upper

43 100

58 32.9 24.6 37.0



#21

trans-1,2-Dichloroethene

Concen: 2.183 ug/l

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028061.D

Acq: 12 Nov 2018 13:44

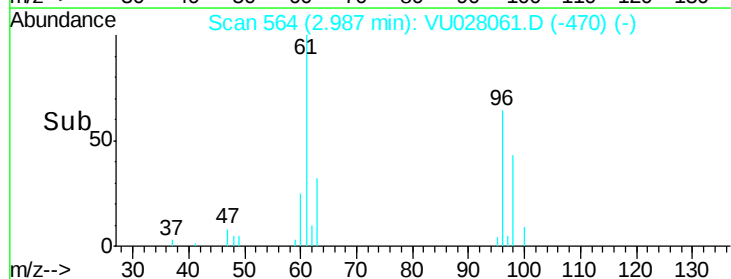
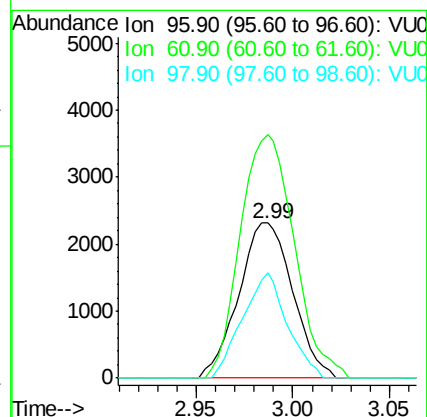
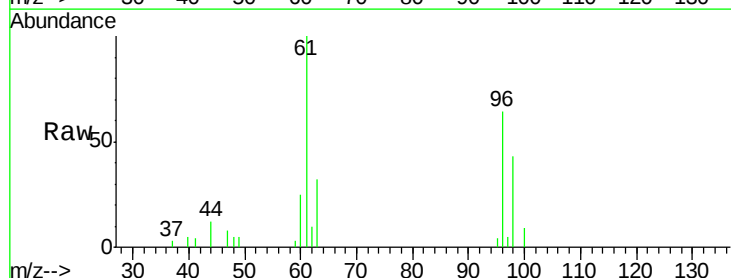
Tgt Ion: 96 Resp: 4507

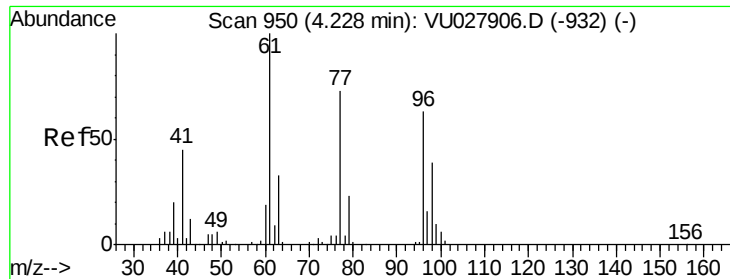
Ion Ratio Lower Upper

96 100

61 157.0 125.0 187.6

98 67.6 48.2 72.4



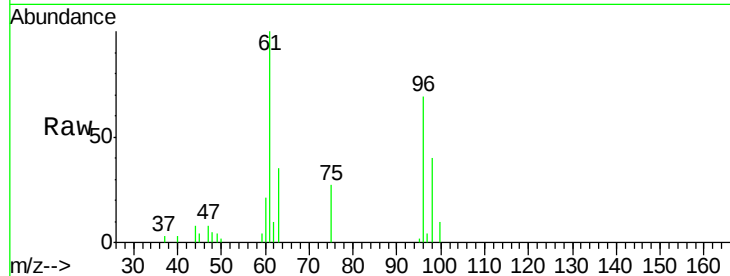


#27

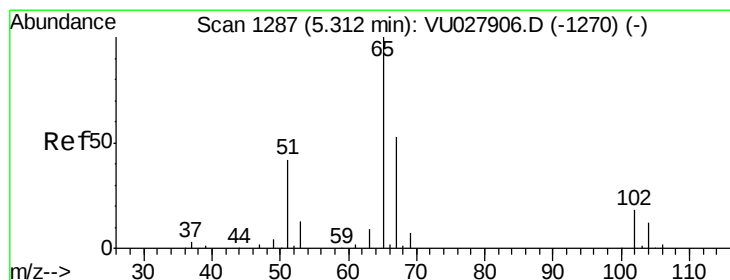
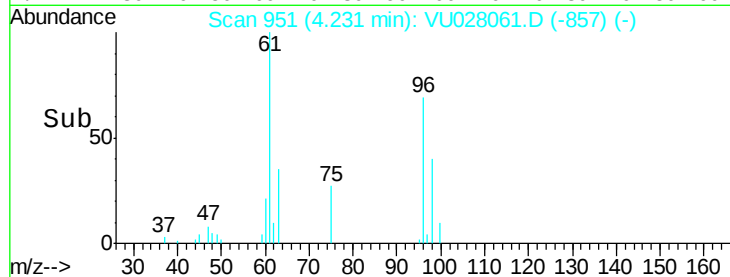
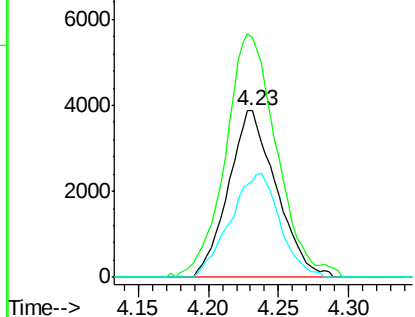
cis-1,2-Dichloroethene
Concen: 3.980 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 9214
Ion Ratio Lower Upper
96 100
61 156.0 0.0 329.6
98 64.6 0.0 127.2



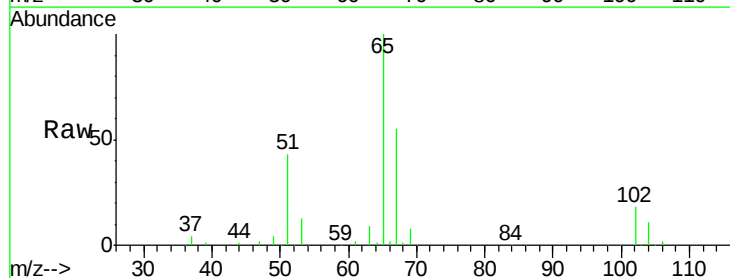
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



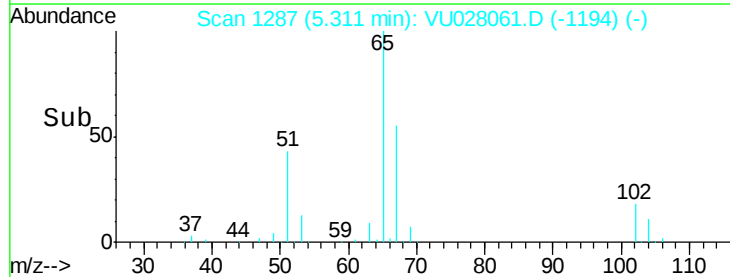
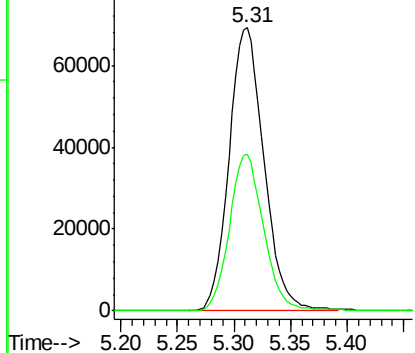
#33

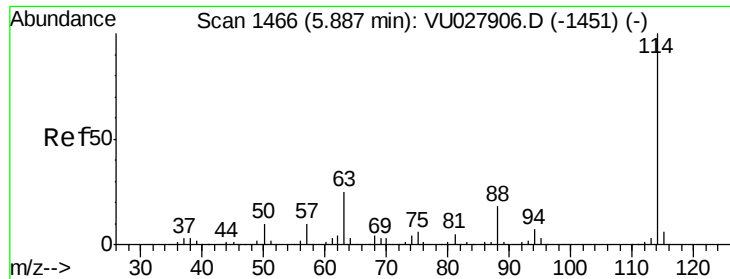
1,2-Dichloroethane-d4
Concen: 58.644 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

Tgt Ion: 65 Resp: 148809
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

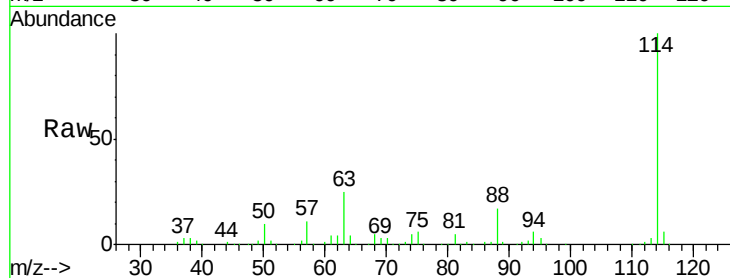




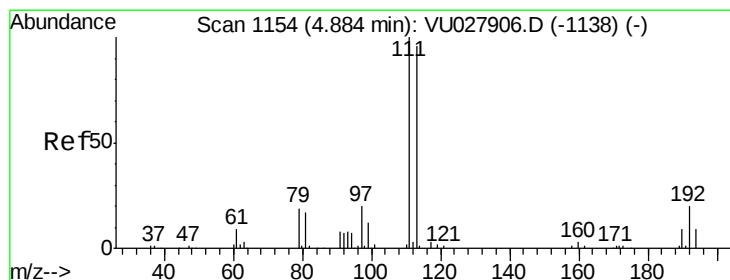
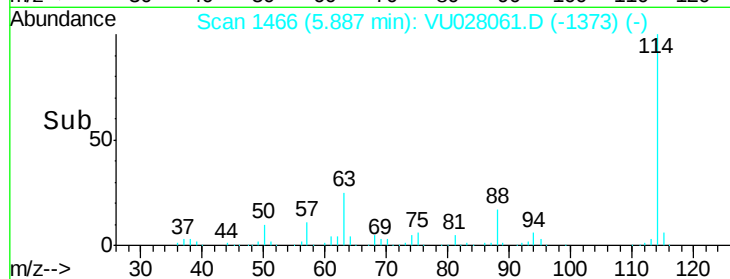
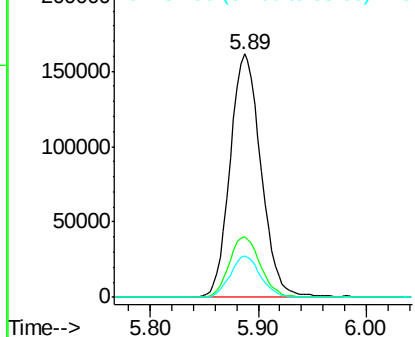
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028061.D
 Acq: 12 Nov 2018 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 R-3

Tgt Ion:114 Resp: 321474
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 17.2 0.0 35.8

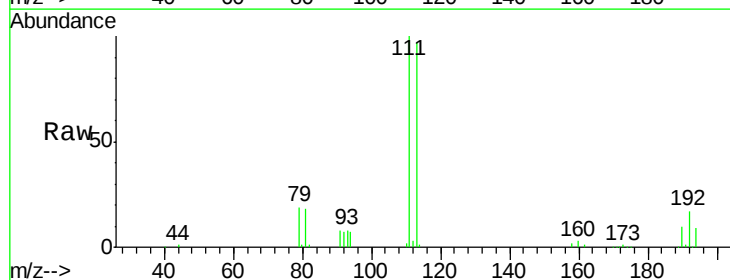


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

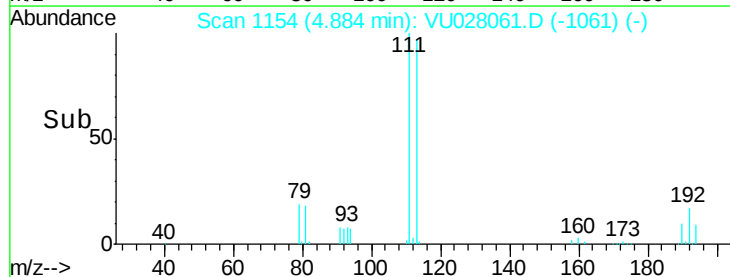
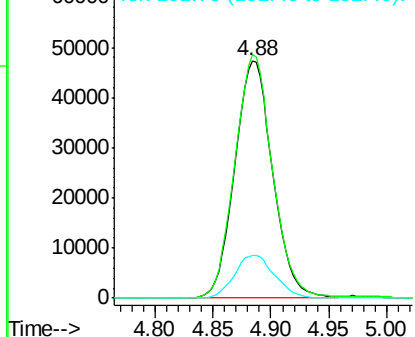


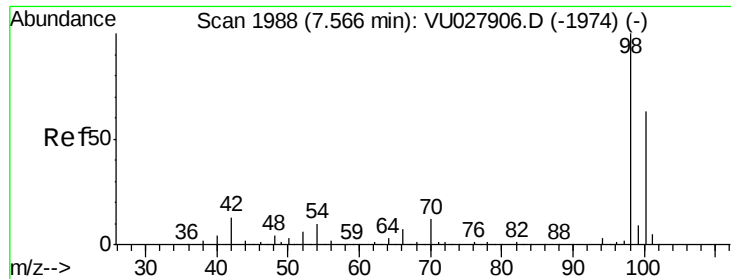
#35
 Dibromofluoromethane
 Concen: 53.079 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028061.D
 Acq: 12 Nov 2018 13:44

Tgt Ion:113 Resp: 107589
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 19.2 15.6 23.4



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

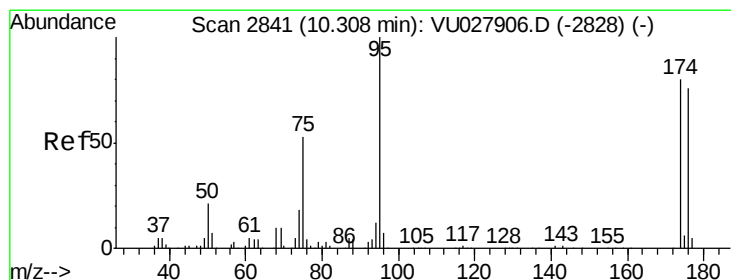
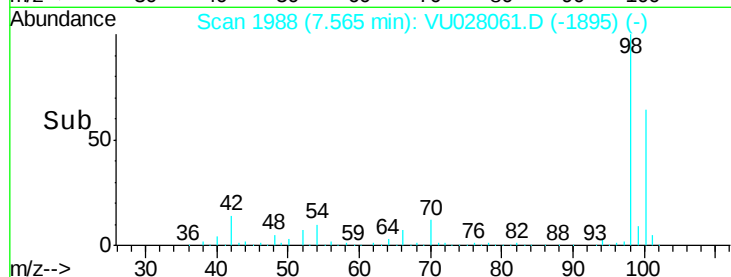
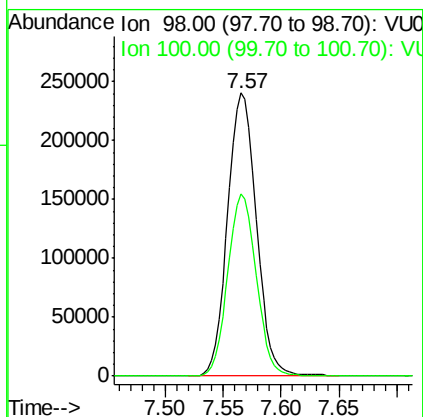
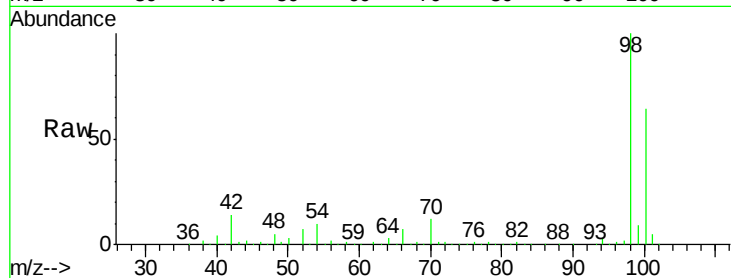




#50
Toluene-d8
Concen: 53.030 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

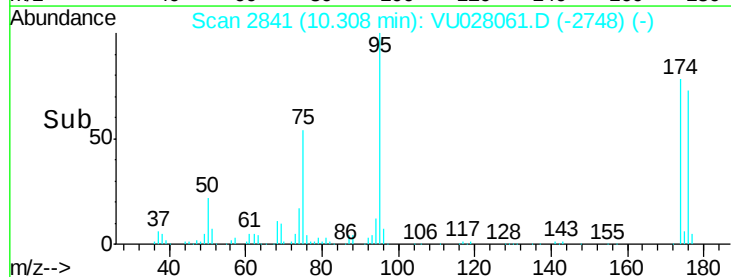
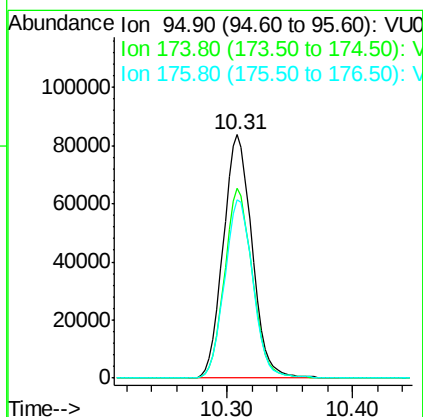
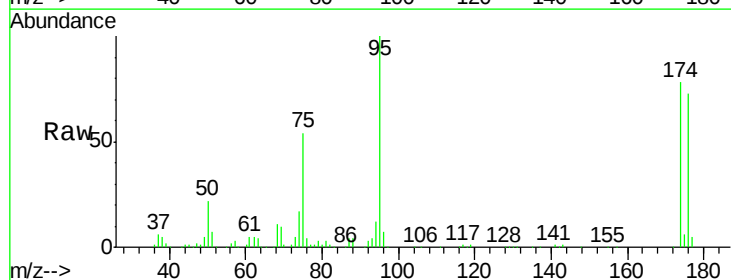
Instrument :
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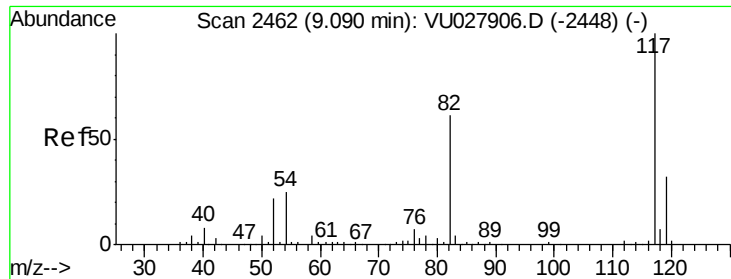
Tgt Ion: 98 Resp: 415217
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.175 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

Tgt Ion: 95 Resp: 133353
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.4
176 72.2 0.0 150.8

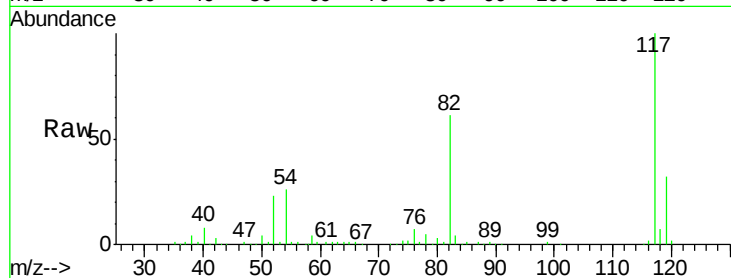




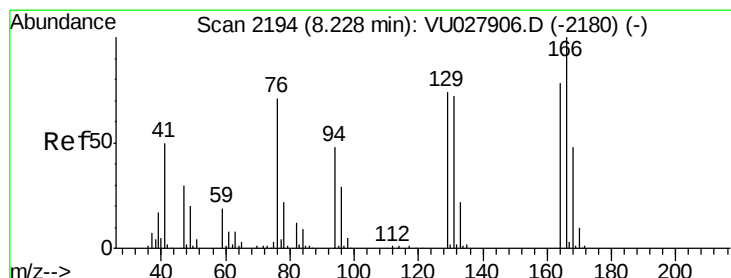
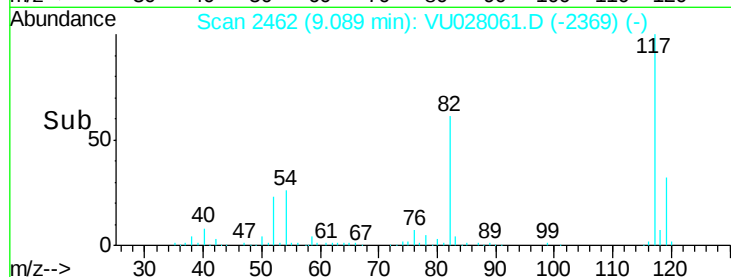
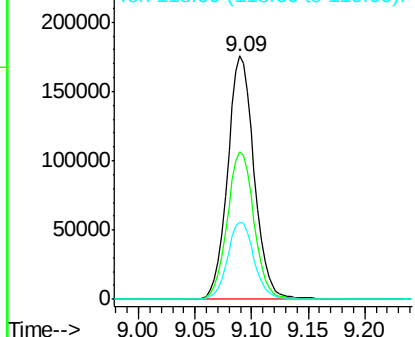
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

Instrument :
MSVOA_U
ClientSampleId :
R-3

Tgt Ion:117 Resp: 285685
Ion Ratio Lower Upper
117 100
82 60.7 48.6 73.0
119 31.9 25.8 38.8

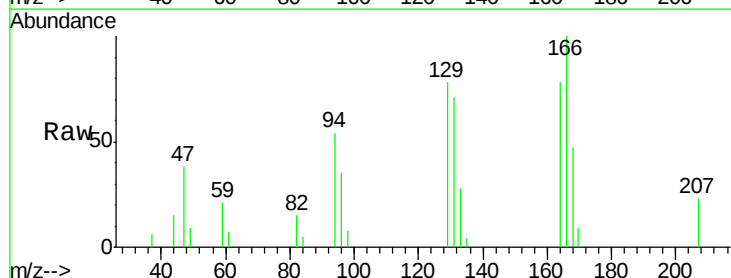


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

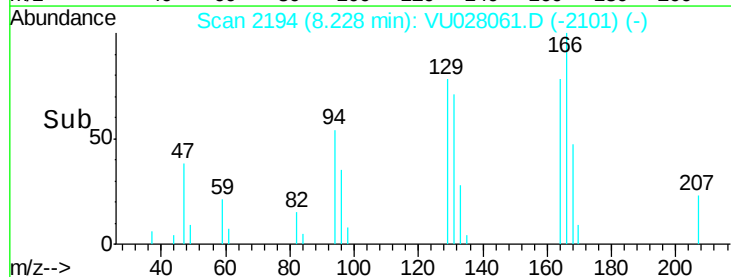
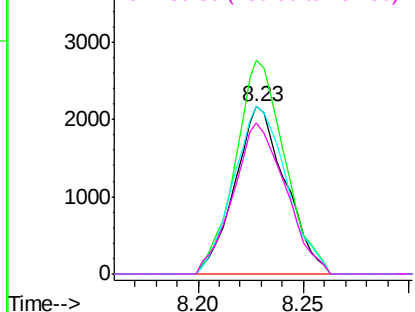


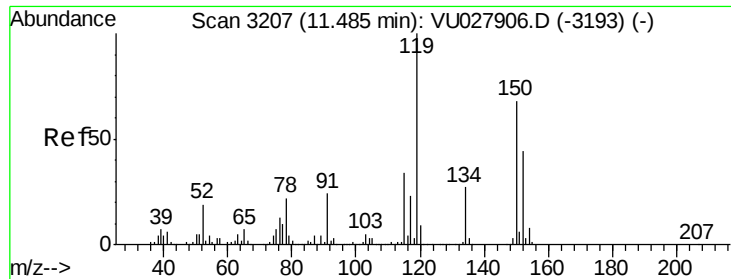
#64
Tetrachloroethene
Concen: 1.942 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028061.D
Acq: 12 Nov 2018 13:44

Tgt Ion:164 Resp: 3597
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 100.0 75.9 113.9
131 90.2 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU028061.D

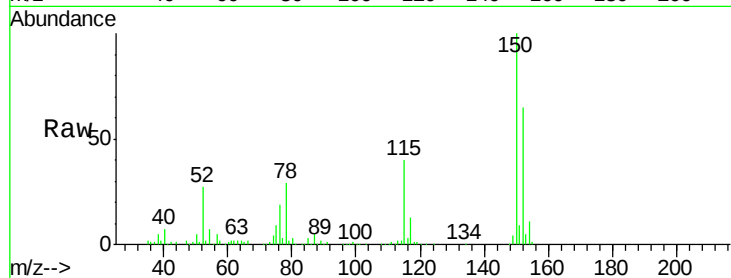
Acq: 12 Nov 2018 13:44

Instrument :

MSVOA_U

ClientSampleId :

R-3



Tgt Ion:	152	Resp:	111478
Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.0	129.0
150	153.5	0.0	349.4

