

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028049.D
 Acq On : 09 Nov 2018 16:57
 Operator : MD/SY
 Sample : J5885-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9

Quant Time: Nov 12 07:22:14 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

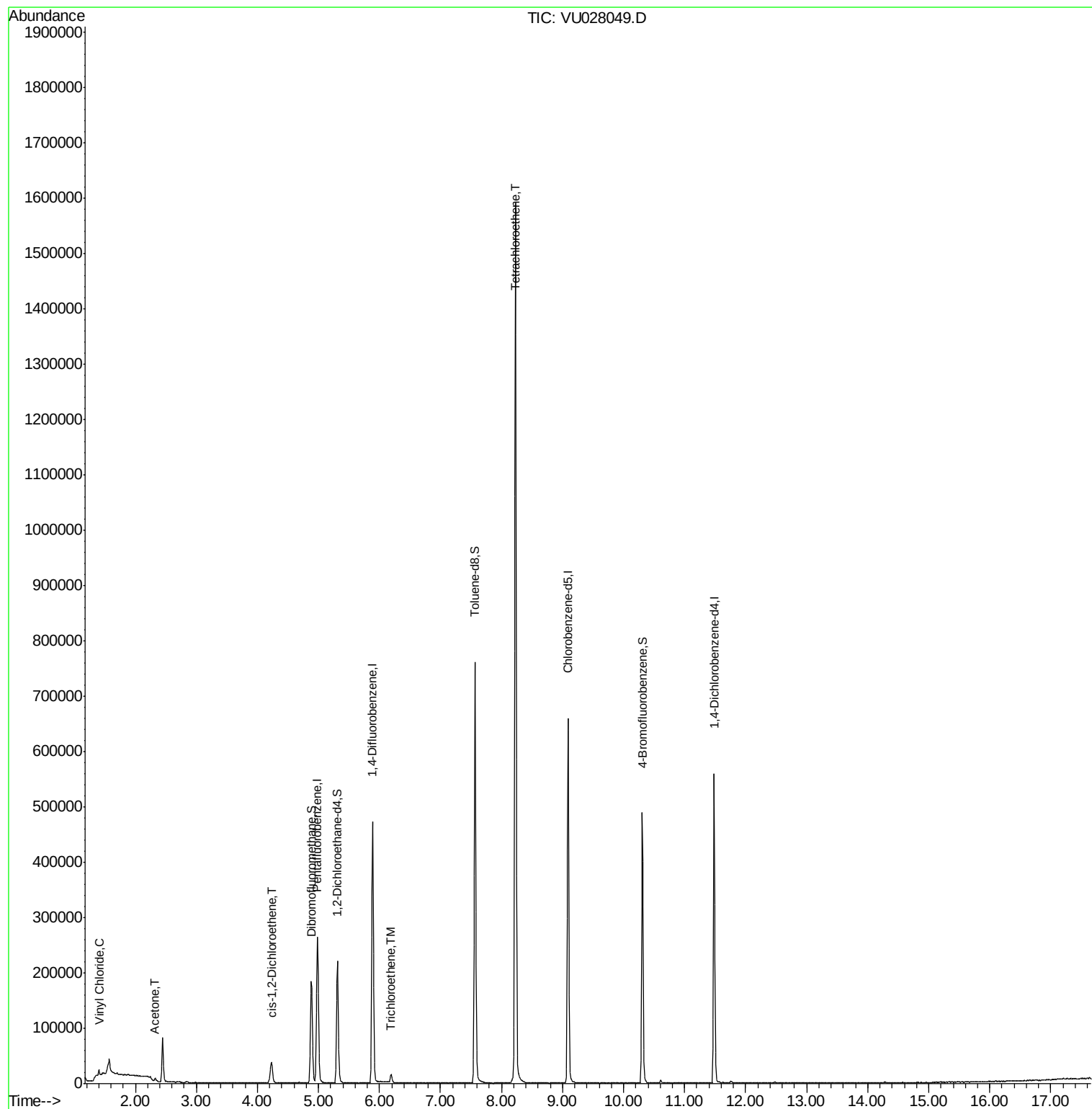
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	380848	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	342586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	137940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	167719	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	4.88	113	127382	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	7.57	98	501630	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	10.31	95	162643	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	5395	1.805	ug/l	95
16) Acetone	2.32	43	5945	3.290	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	20291	7.636	ug/l	93
44) Trichloroethene	6.19	130	4803	1.832	ug/l	93
64) Tetrachloroethene	8.23	164	346233	155.861	ug/l	99

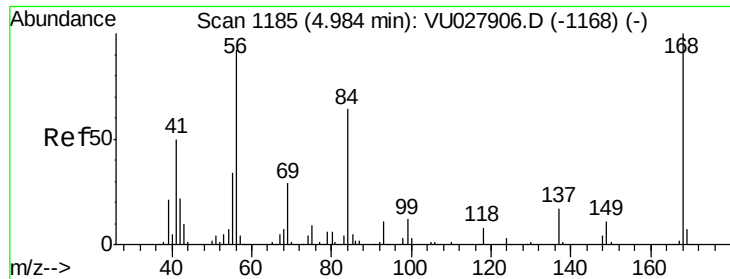
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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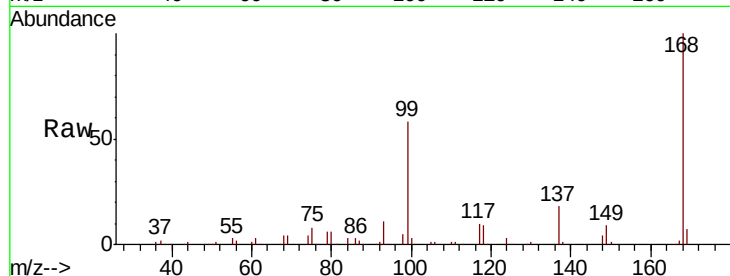




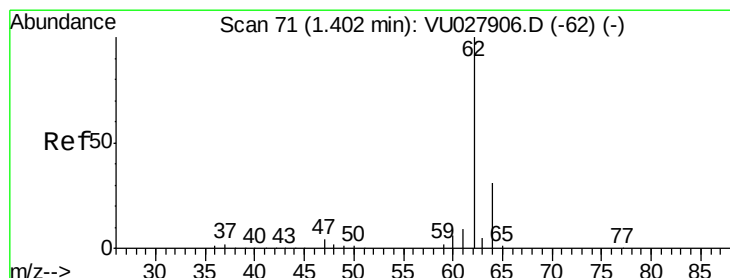
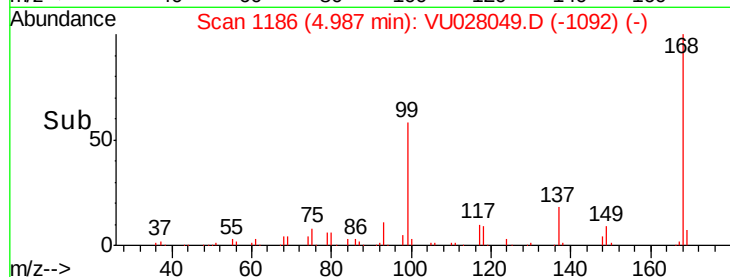
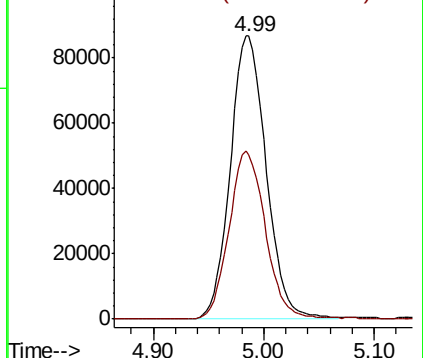
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU028049.D
Acq: 09 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :
MW-9

Tot Ion:168 Resp: 195912
Ion Ratio Lower Upper
168 100
99 58.0 47.9 71.9

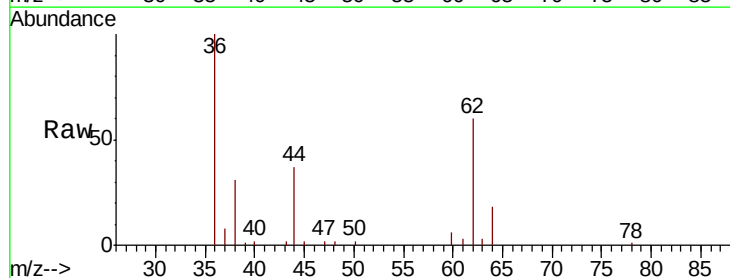


Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)
Ion 98.90 (98.60 to 99.60): VU028049.D (-1092) (-)

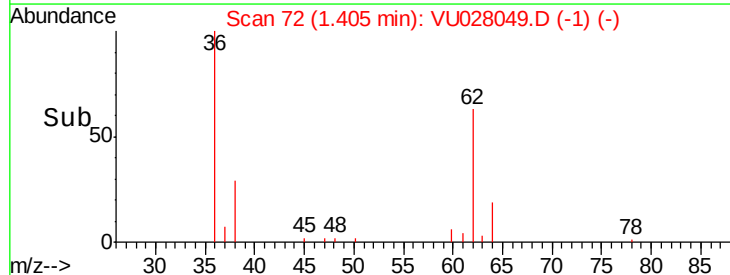
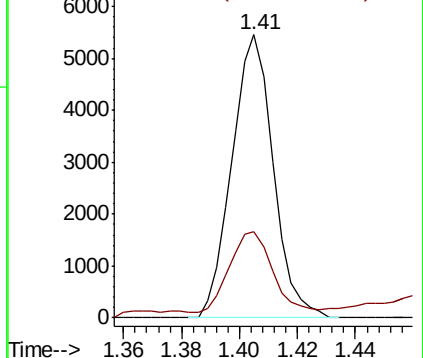


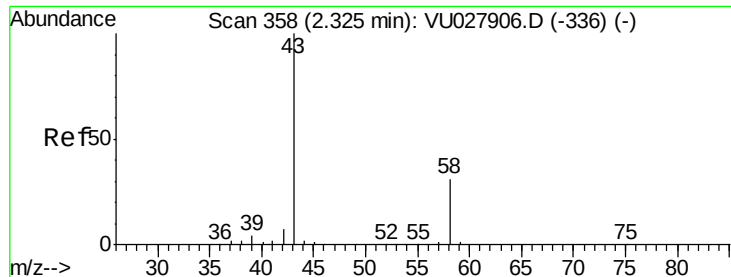
#4
Vinyl Chloride
Concen: 1.805 ug/l
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028049.D
Acq: 09 Nov 2018 16:57

Tgt Ion: 62 Resp: 5395
Ion Ratio Lower Upper
62 100
64 28.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)
Ion 63.90 (63.60 to 64.60): VU028049.D (-1) (-)





#16

Acetone

Concen: 3.290 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028049.D

Acq: 09 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampled :

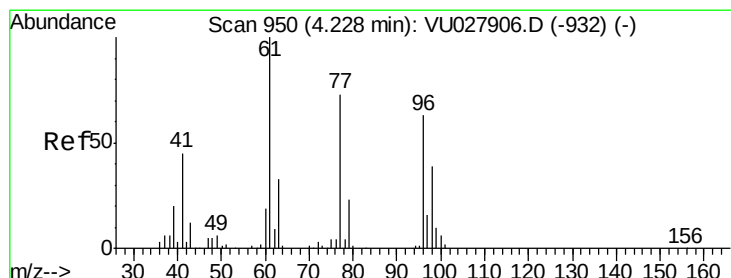
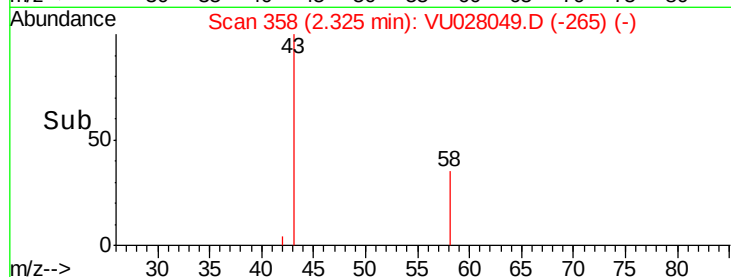
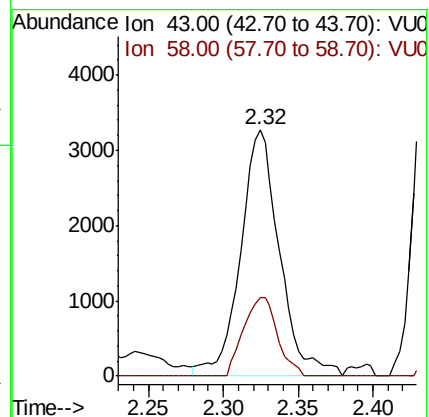
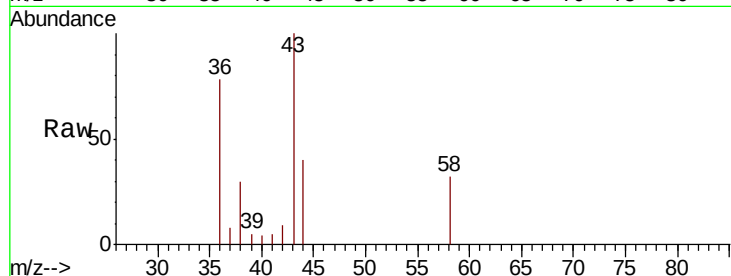
MW-9

Tot Ion: 43 Resp: 5945

Ion Ratio Lower Upper

43 100

58 32.0 24.6 37.0



#27

cis-1,2-Dichloroethene

Concen: 7.636 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028049.D

Acq: 09 Nov 2018 16:57

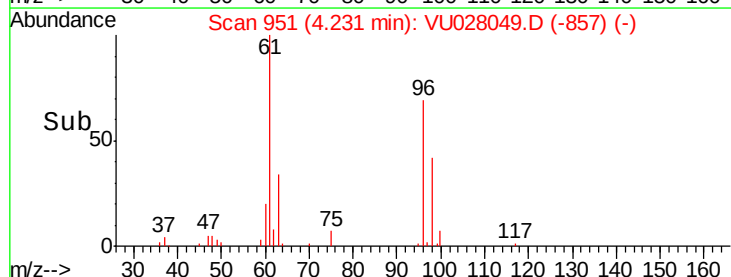
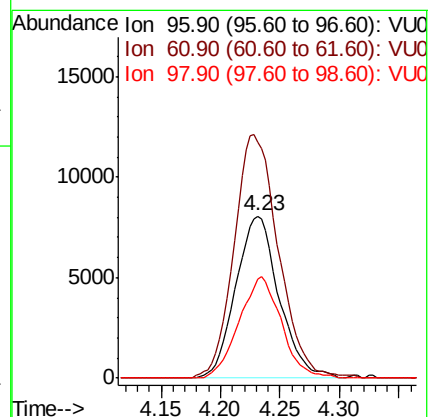
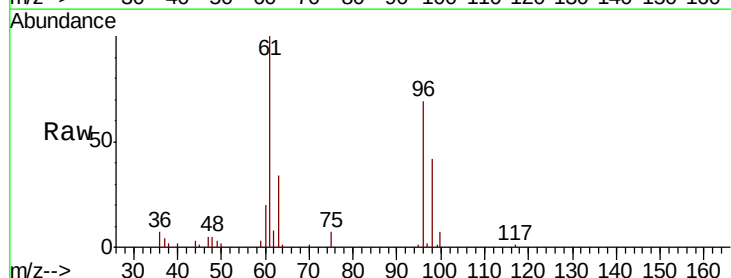
Tgt Ion: 96 Resp: 20291

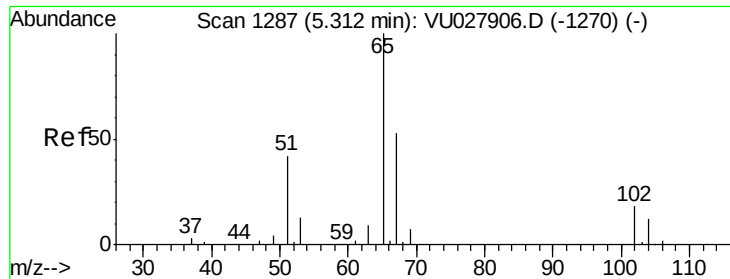
Ion Ratio Lower Upper

96 100

61 154.2 0.0 329.6

98 61.0 0.0 127.2

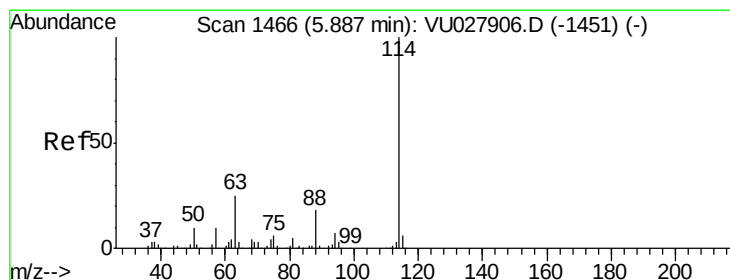
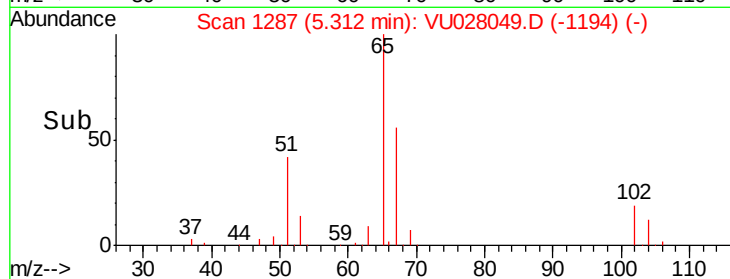
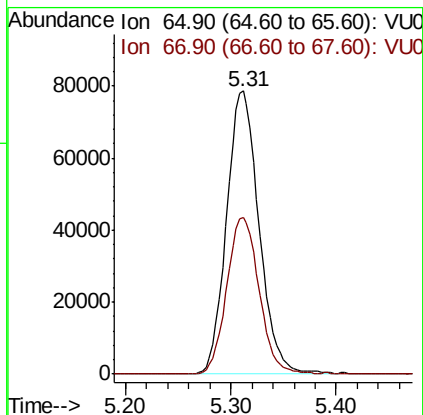
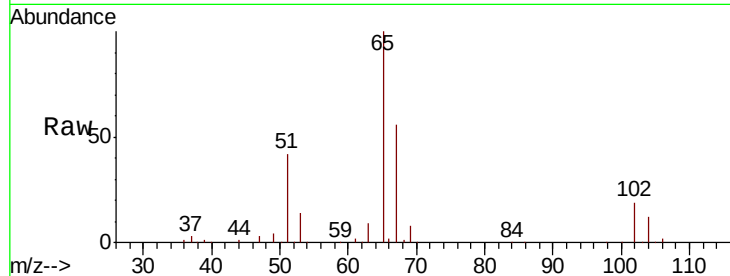




#33
 1,2-Dichloroethane-d4
 Concen: 57.582 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU028049.D
 Acq: 09 Nov 2018 16:57

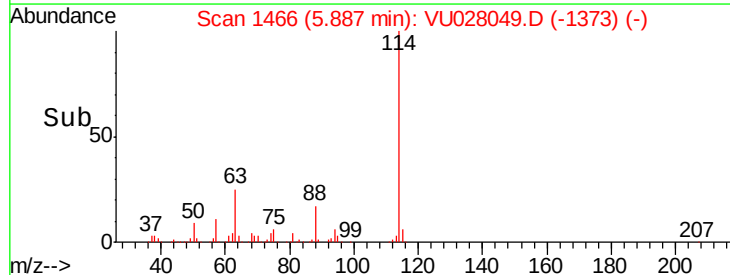
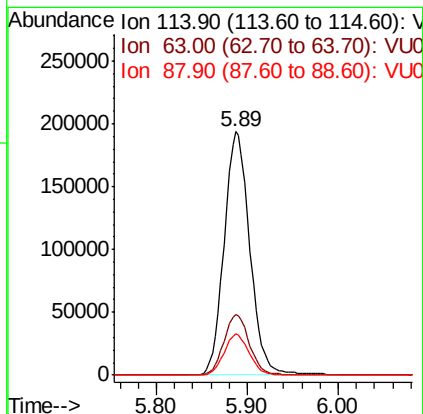
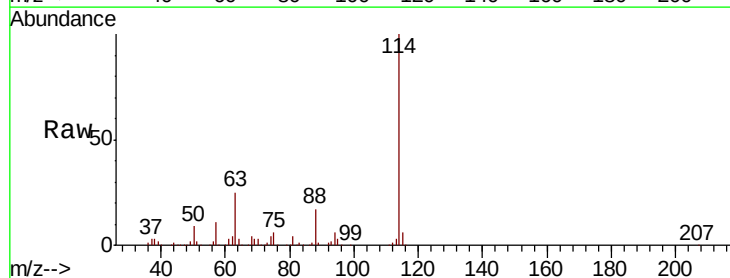
Instrument :
 MSVOA_U
 ClientSampled :
 MW-9

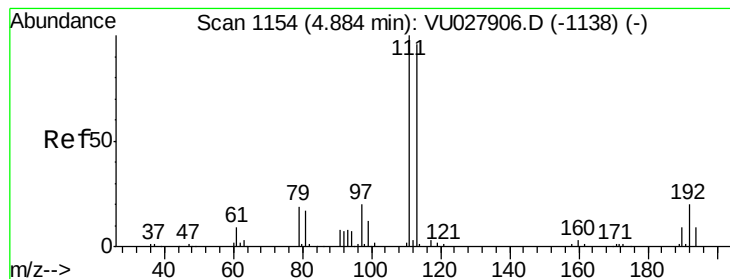
Tot Ion: 65 Resp: 167719
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028049.D
 Acq: 09 Nov 2018 16:57

Tgt Ion: 114 Resp: 380848
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.9 0.0 35.8





#35

Dibromofluoromethane

Concen: 53.047 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028049.D

Acq: 09 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

MW-9

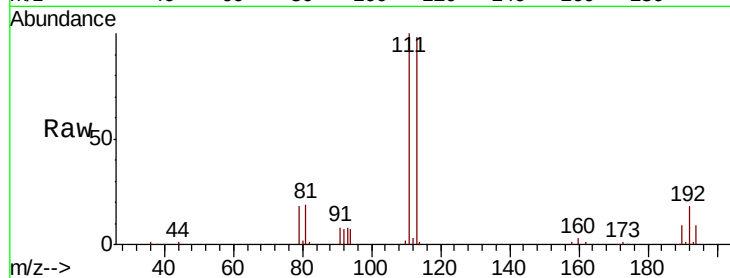
Tot Ion:113 Resp: 127382

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

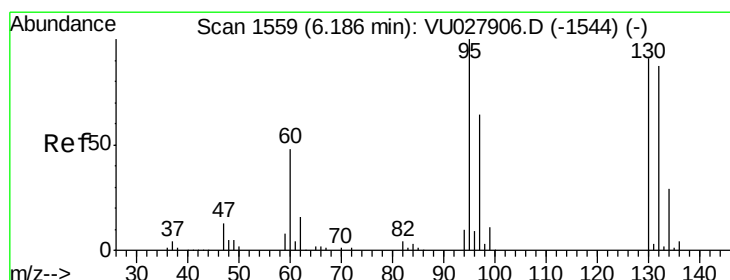
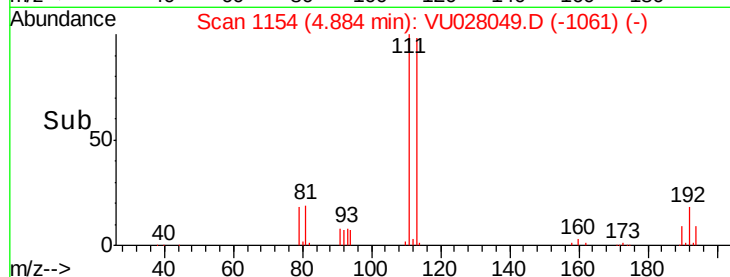
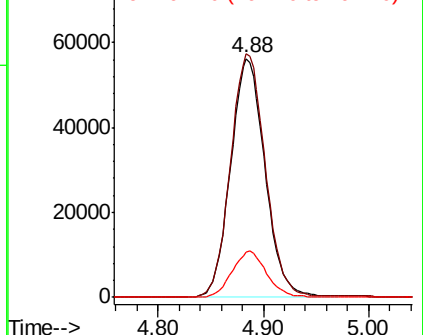
192 19.3 15.6 23.4



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



#44

Trichloroethene

Concen: 1.832 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028049.D

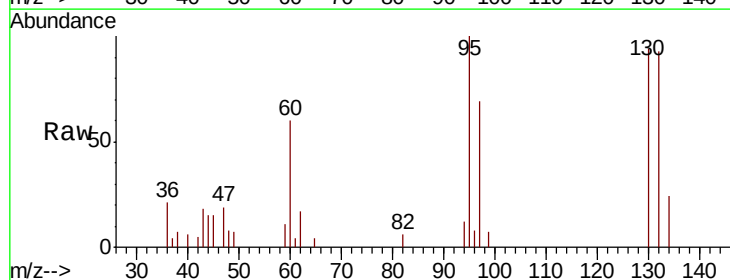
Acq: 09 Nov 2018 16:57

Tgt Ion:130 Resp: 4803

Ion Ratio Lower Upper

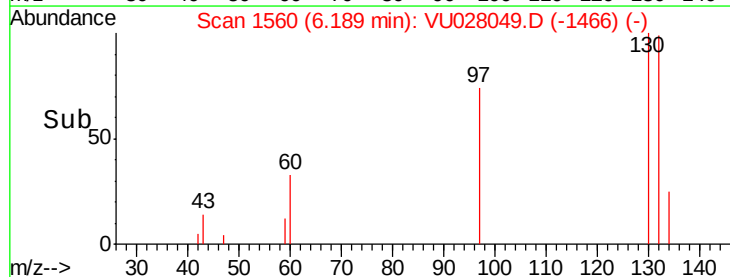
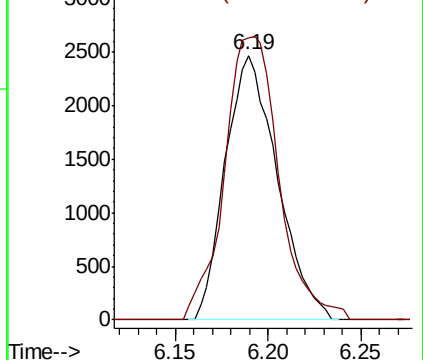
130 100

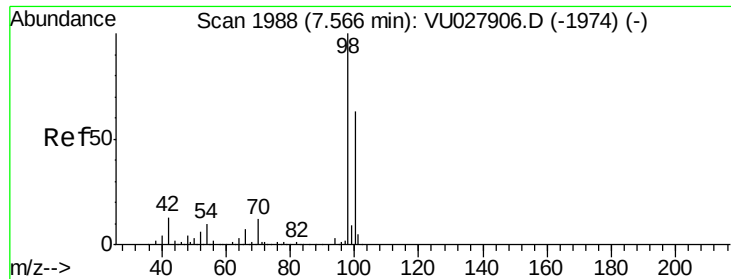
95 101.8 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 54.078 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028049.D

Acq: 09 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

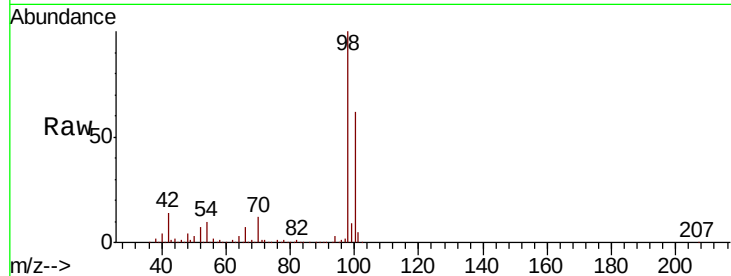
MW-9

Tot Ion: 98 Resp: 501630

Ion Ratio Lower Upper

98 100

100 62.0 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

300000

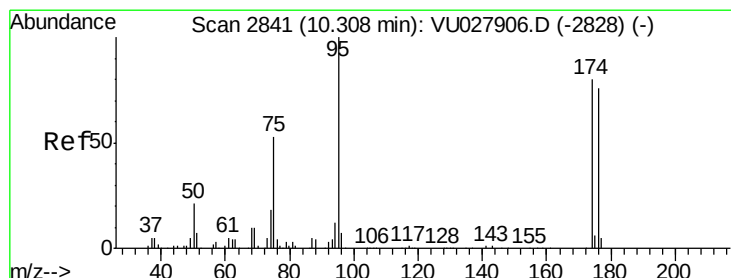
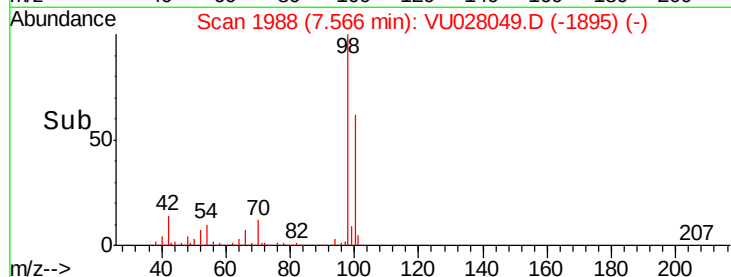
200000

100000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.537 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028049.D

Acq: 09 Nov 2018 16:57

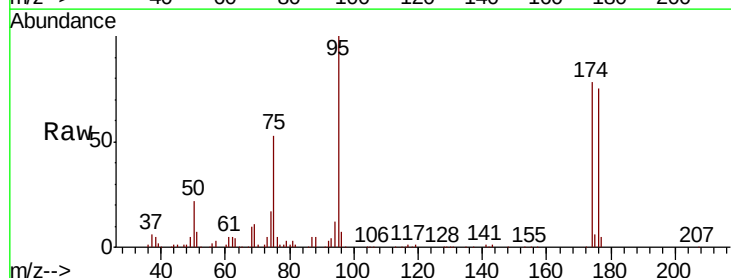
Tgt Ion: 95 Resp: 162643

Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.4

176 73.5 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

10.31

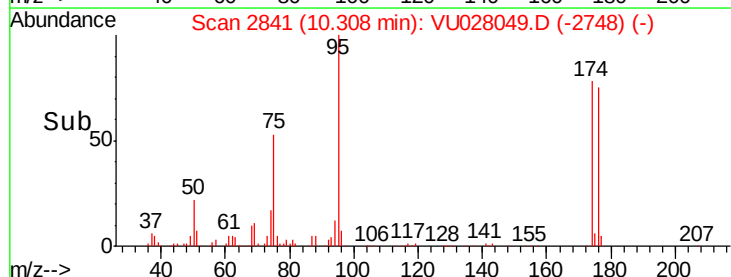
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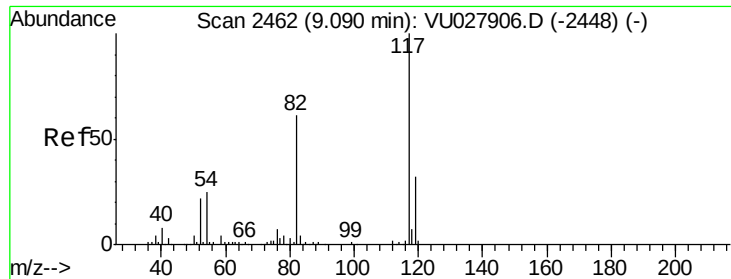
50000

0

10.20 10.30 10.40

Time-->

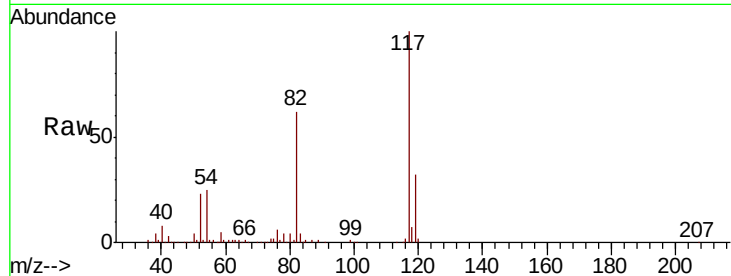




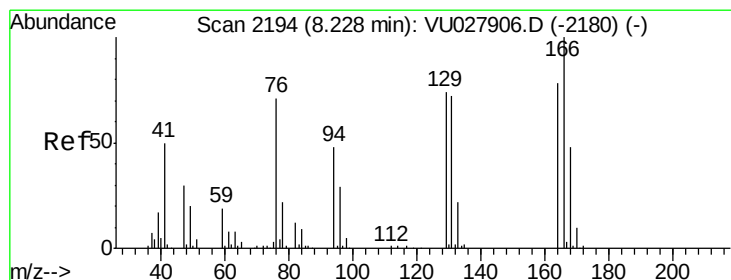
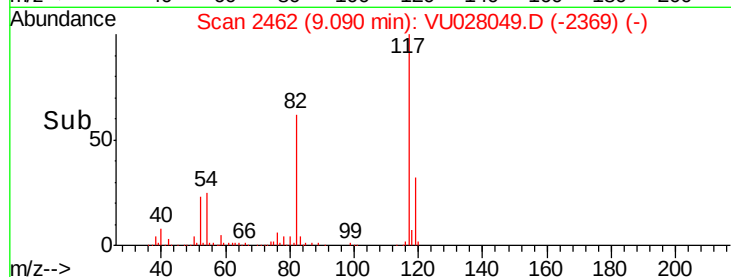
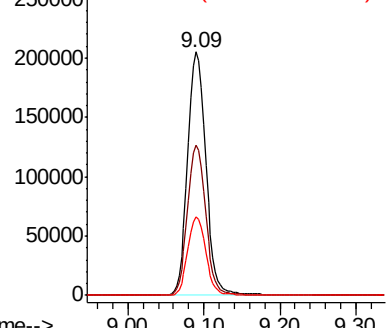
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028049.D
Acq: 09 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :
MW-9

Tot Ion:117 Resp: 342586
Ion Ratio Lower Upper
117 100
82 61.8 48.6 73.0
119 32.0 25.8 38.8

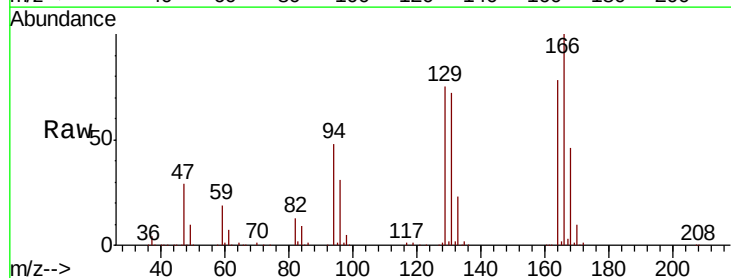


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

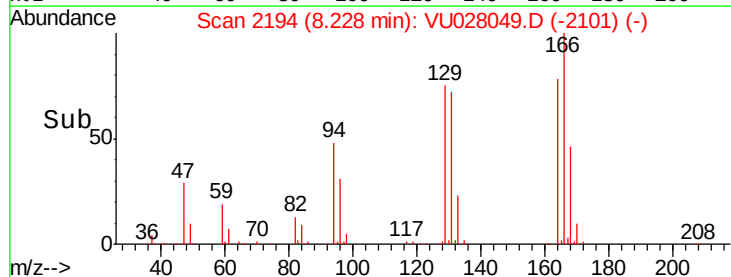
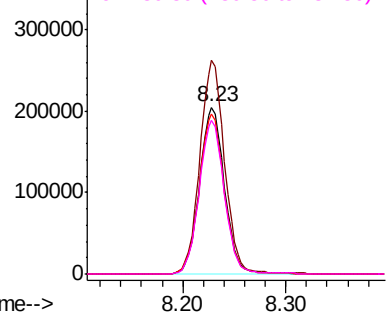


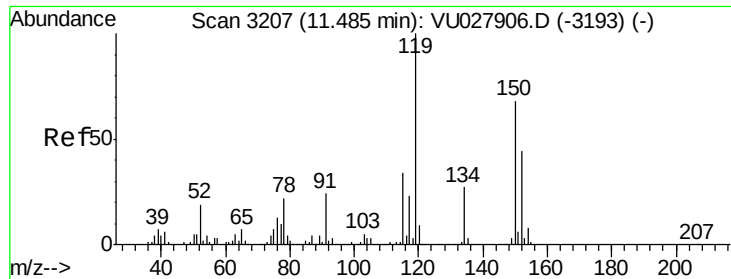
#64
Tetrachloroethene
Concen: 155.861 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028049.D
Acq: 09 Nov 2018 16:57

Tgt Ion:164 Resp: 346233
Ion Ratio Lower Upper
164 100
166 128.2 102.1 153.1
129 96.1 75.9 113.9
131 91.9 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: VU028049.D

Acq: 09 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

MW-9

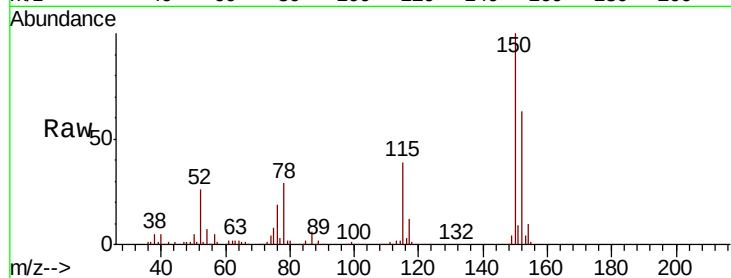
Tot Ion:152 Resp: 137940

Ion Ratio Lower Upper

152 100

115 59.5 43.0 129.0

150 157.6 0.0 349.4



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

