

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028066.D
 Acq On : 12 Nov 2018 15:45
 Operator : MD/SY
 Sample : J5885-06DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5DL

Quant Time: Nov 13 03:20:35 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

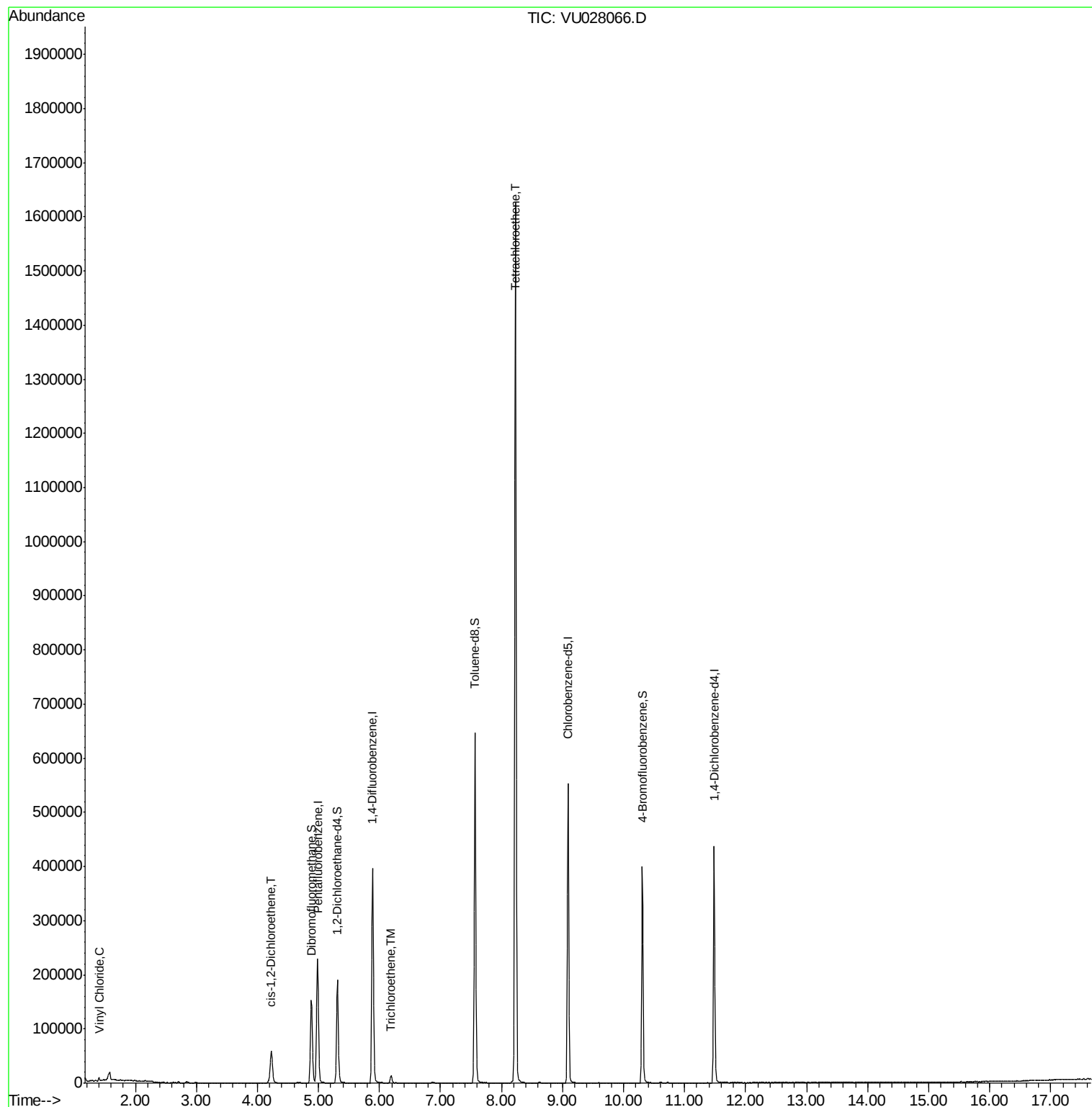
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145070	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	4.88	113	105170	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
50) Toluene-d8	7.57	98	410801	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	10.31	95	129412	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3808	1.499	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	30126	13.332	ug/l	90
44) Trichloroethene	6.19	130	4479	2.088	ug/l	93
64) Tetrachloroethene	8.23	164	341488	190.279	ug/l	97

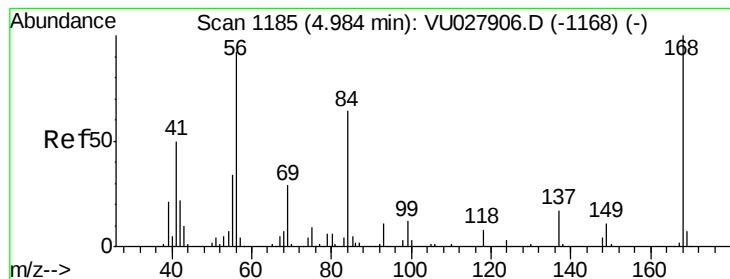
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028066.D

Acq: 12 Nov 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

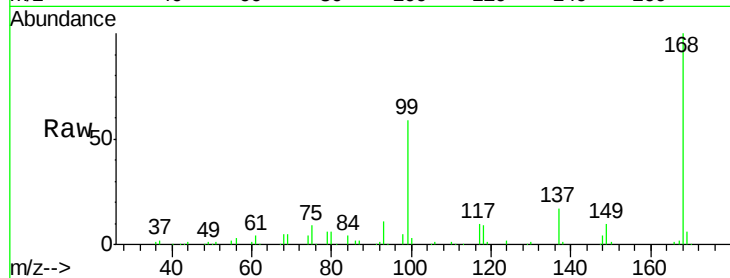
MW-5DL

Tgt Ion:168 Resp: 166606

Ion Ratio Lower Upper

168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028066.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028066.D (-1092) (-)

4.99

80000

60000

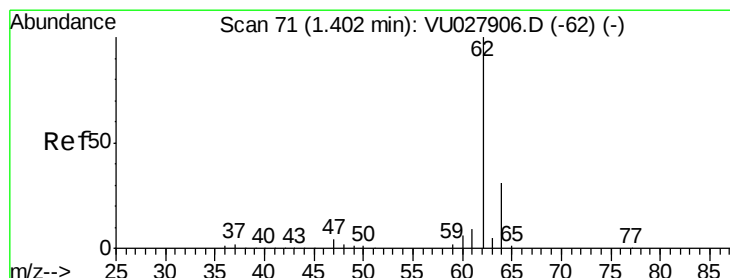
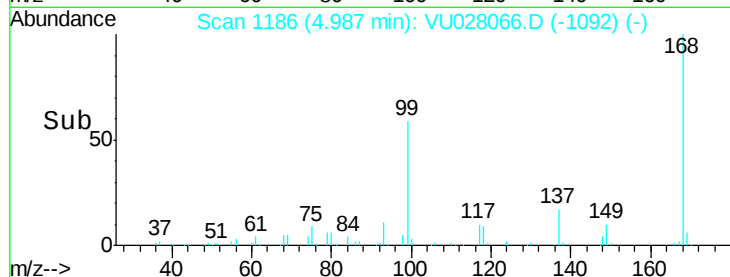
40000

20000

0

Time-->

4.90 5.00 5.10



#4

Vinyl Chloride

Concen: 1.499 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028066.D

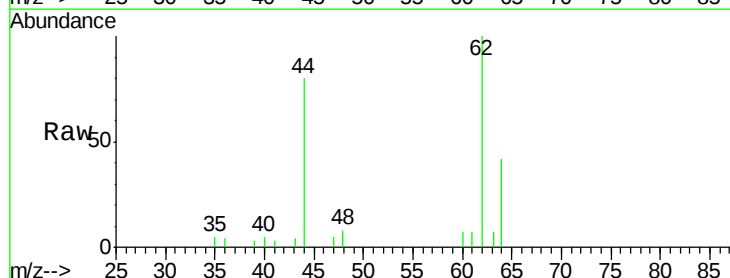
Acq: 12 Nov 2018 15:45

Tgt Ion: 62 Resp: 3808

Ion Ratio Lower Upper

62 100

64 36.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU028066.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU028066.D (-1) (-)

1.40

4000

3000

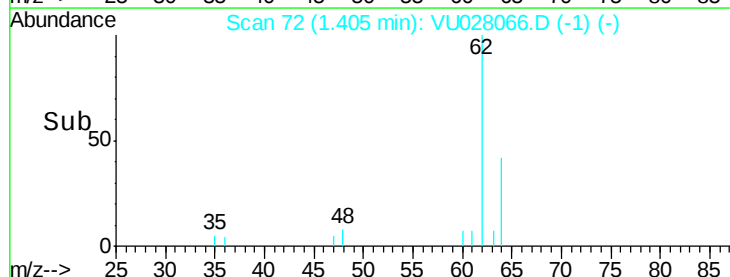
2000

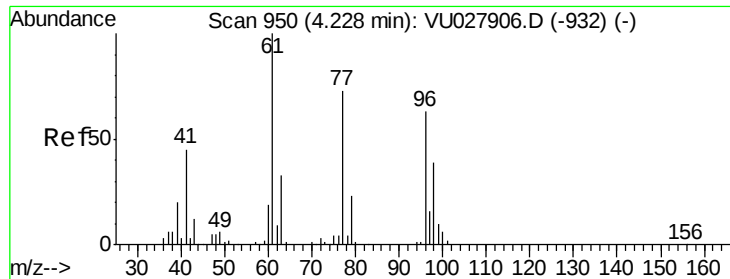
1000

0

Time-->

1.36 1.38 1.40 1.42 1.44



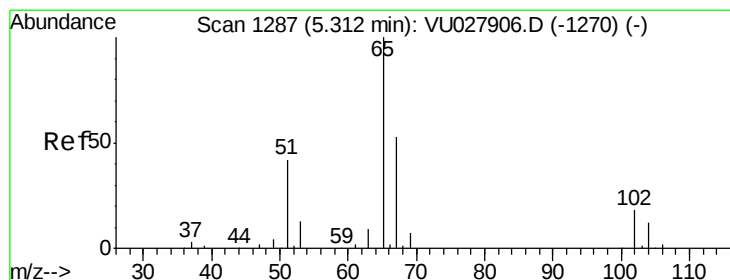
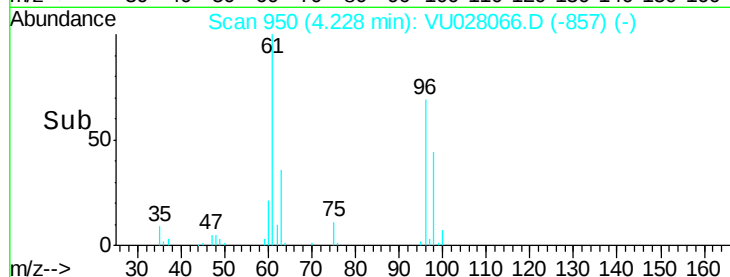
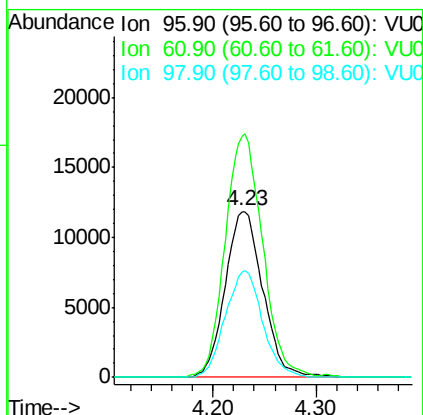
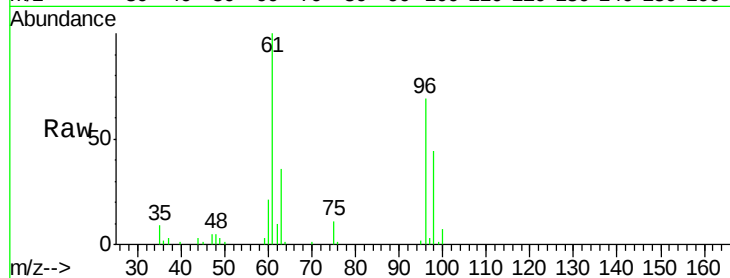


#27

cis-1,2-Dichloroethene
 Concen: 13.332 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028066.D
 Acq: 12 Nov 2018 15:45

Instrument :
 MSVOA_U
 ClientSampled :
 MW-5DL

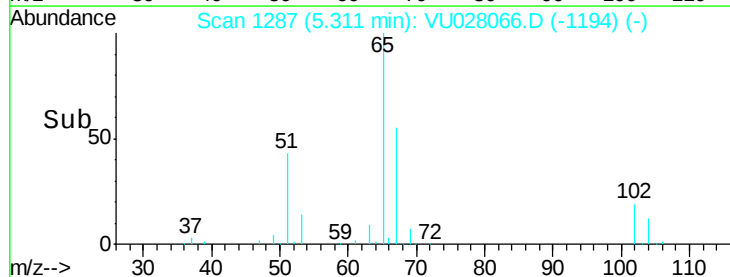
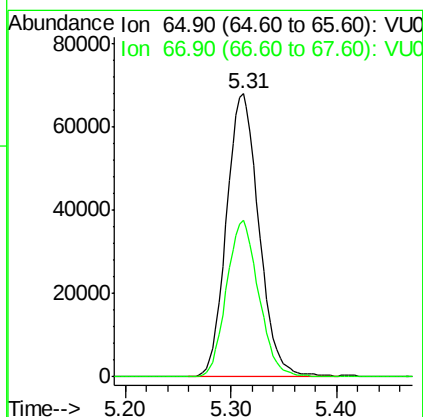
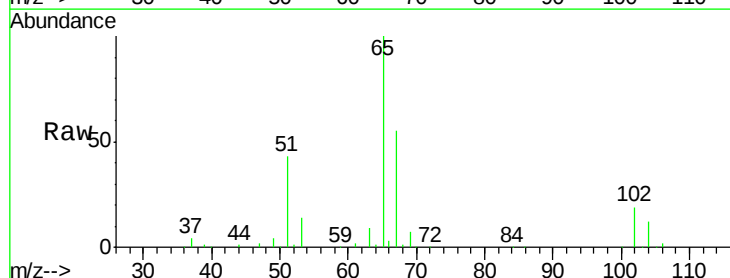
Tgt Ion: 96 Resp: 30126
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 329.6
 98 63.5 0.0 127.2

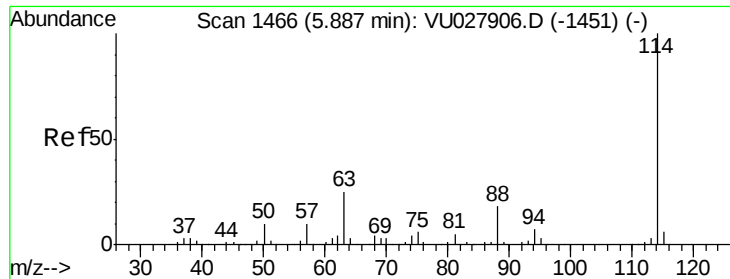


#33

1,2-Dichloroethane-d4
 Concen: 58.566 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028066.D
 Acq: 12 Nov 2018 15:45

Tgt Ion: 65 Resp: 145070
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0

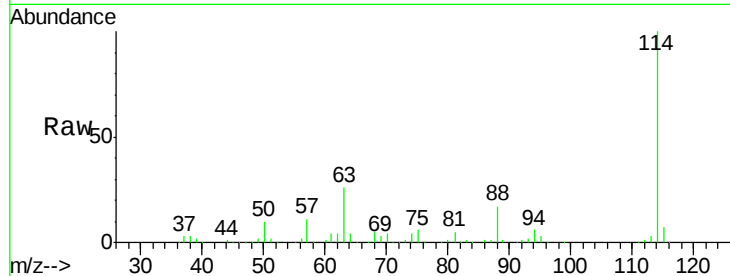




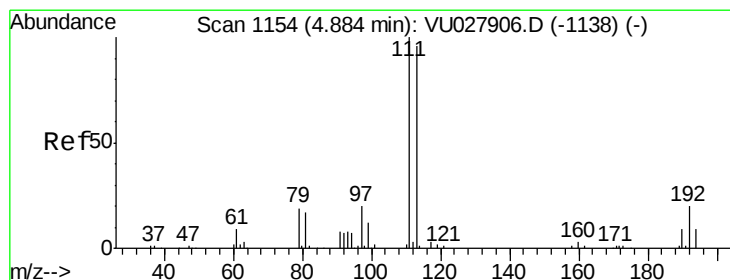
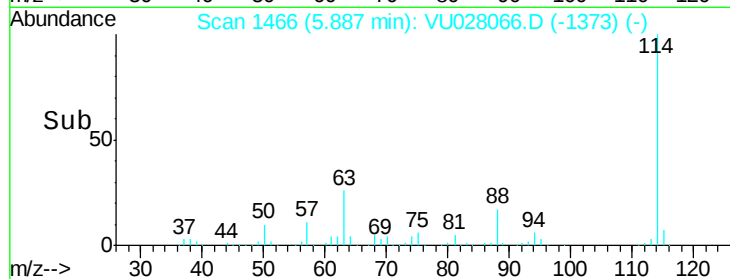
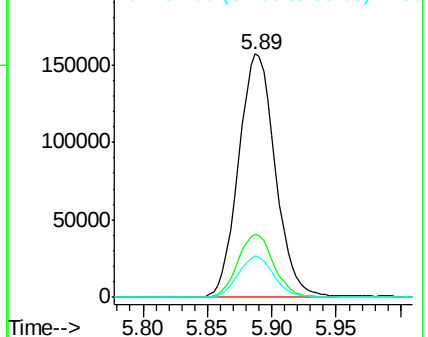
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028066.D
 Acq: 12 Nov 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5DL

Tgt Ion:114 Resp: 311587
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.8
 88 16.8 0.0 35.8

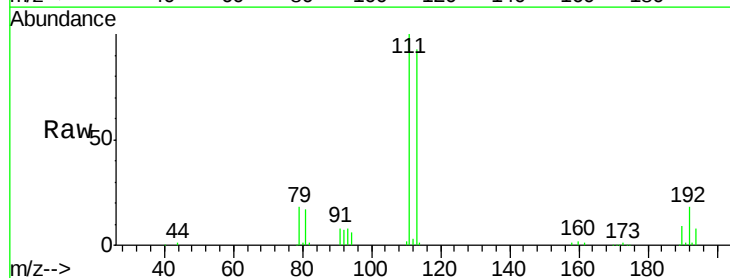


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

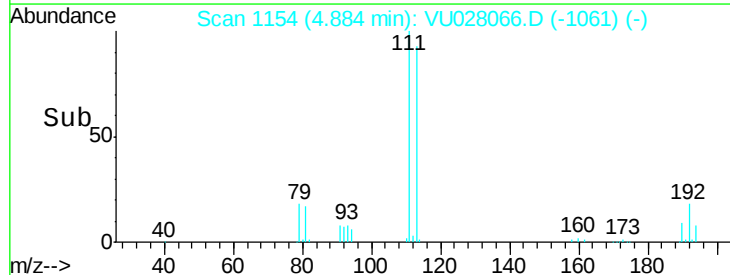
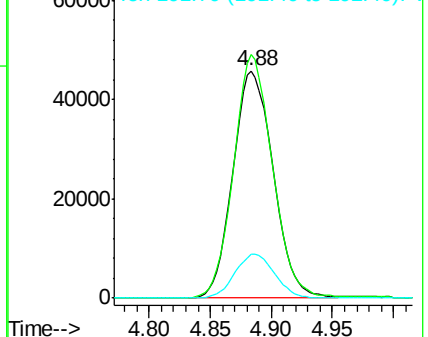


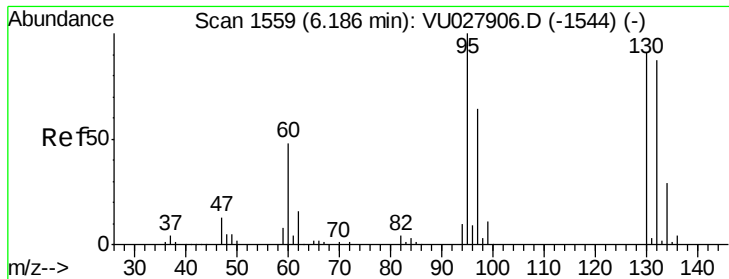
#35
 Dibromofluoromethane
 Concen: 53.532 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028066.D
 Acq: 12 Nov 2018 15:45

Tgt Ion:113 Resp: 105170
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 19.1 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: 2.088 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028066.D

Acq: 12 Nov 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

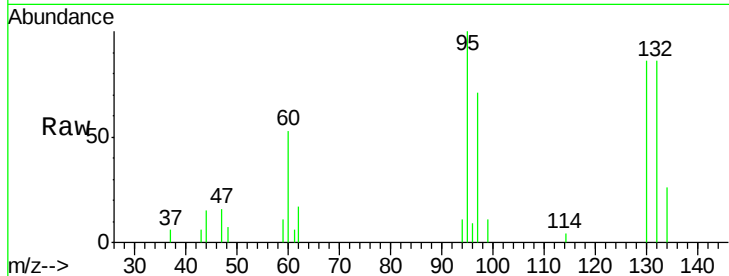
MW-5DL

Tgt Ion:130 Resp: 4479

Ion Ratio Lower Upper

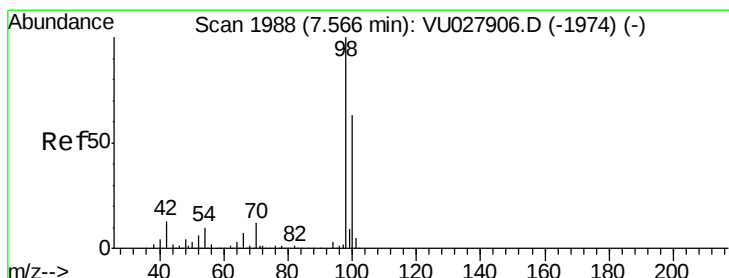
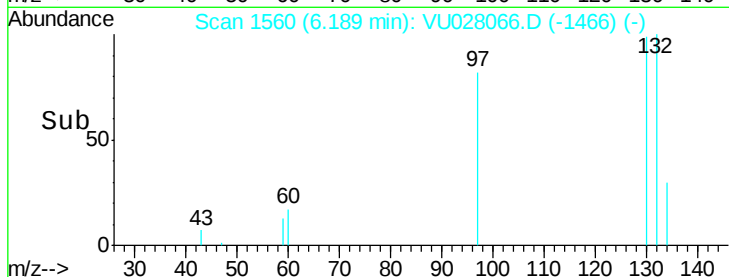
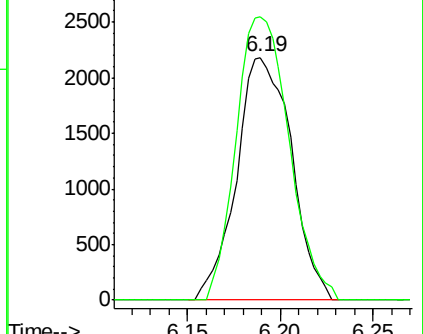
130 100

95 116.5 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)



#50

Toluene-d8

Concen: 54.130 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028066.D

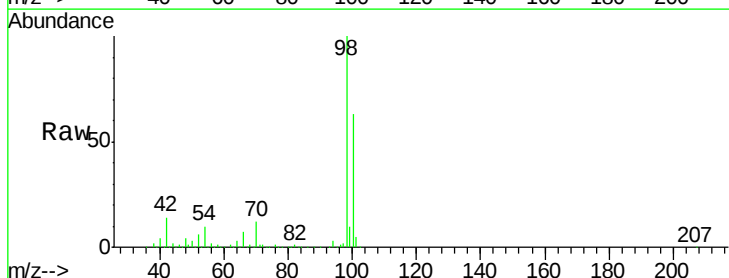
Acq: 12 Nov 2018 15:45

Tgt Ion: 98 Resp: 410801

Ion Ratio Lower Upper

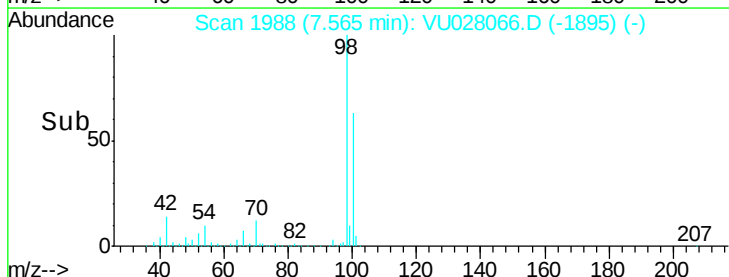
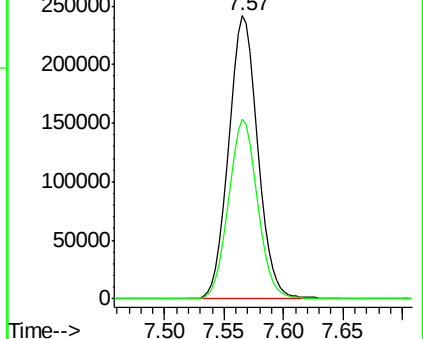
98 100

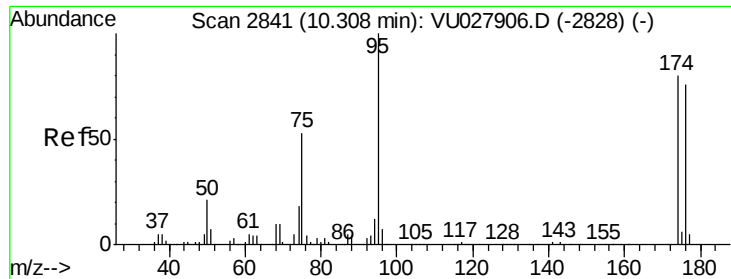
100 63.1 50.1 75.1



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

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

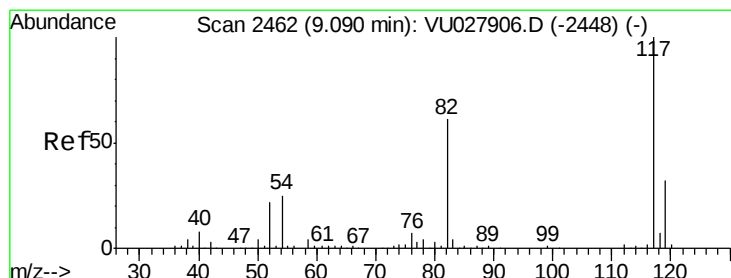
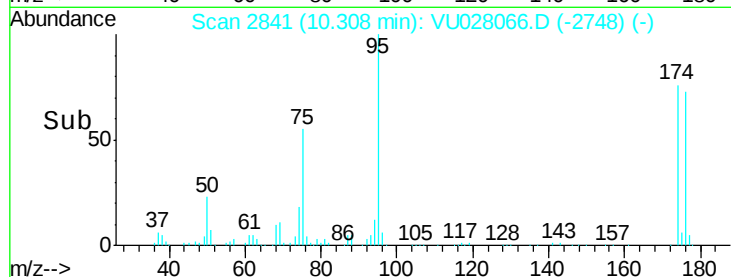
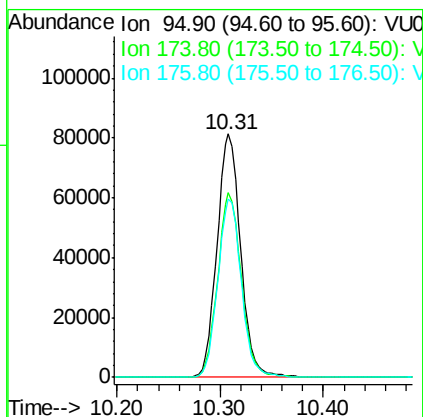
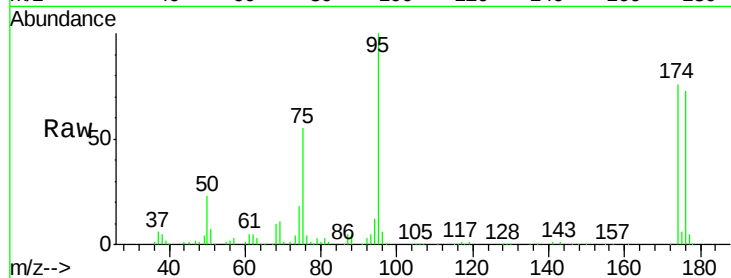




#62
4-Bromofluorobenzene
Concen: 46.232 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028066.D
Acq: 12 Nov 2018 15:45

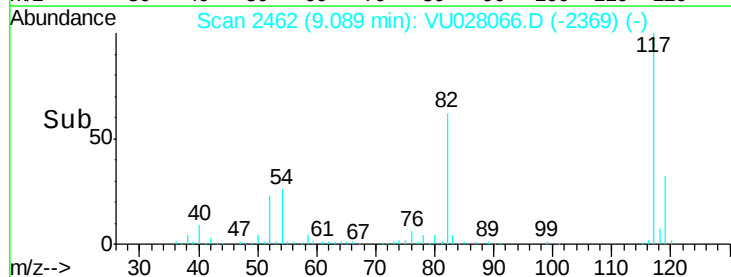
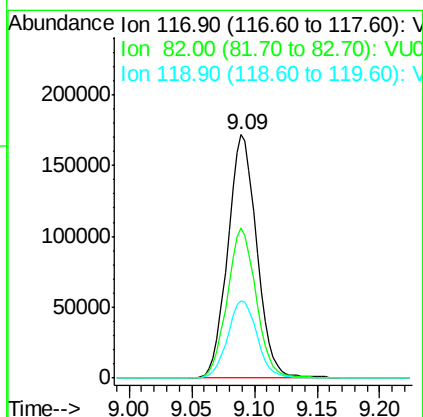
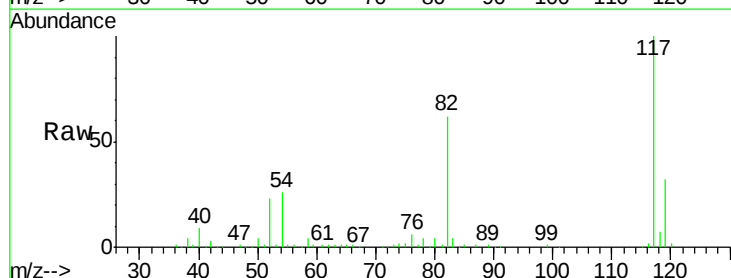
Instrument :
MSVOA_U
ClientSampleId :
MW-5DL

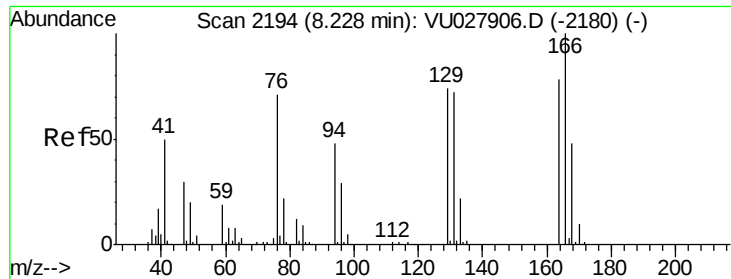
Tgt Ion: 95 Resp: 129412
Ion Ratio Lower Upper
95 100
174 76.1 0.0 156.4
176 72.8 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028066.D
Acq: 12 Nov 2018 15:45

Tgt Ion: 117 Resp: 276773
Ion Ratio Lower Upper
117 100
82 61.6 48.6 73.0
119 31.9 25.8 38.8





#64

Tetrachloroethene

Concen: 190.279 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028066.D

Acq: 12 Nov 2018 15:45

Instrument :

MSVOA_U

ClientSampled :

MW-5DL

Tgt Ion:164 Resp: 341488

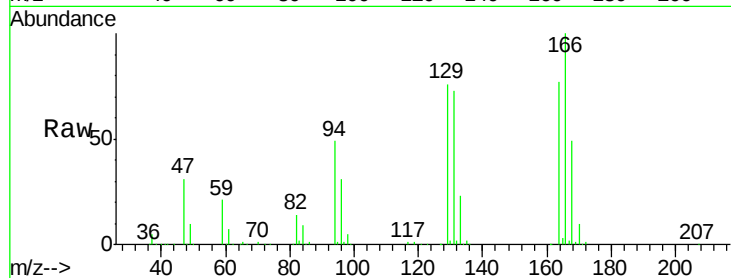
Ion Ratio Lower Upper

164 100

166 130.1 102.1 153.1

129 98.7 75.9 113.9

131 95.1 73.0 109.6

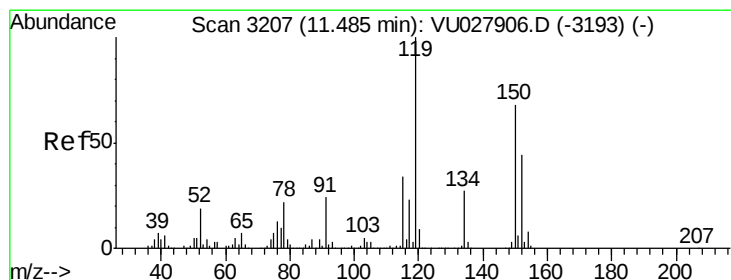
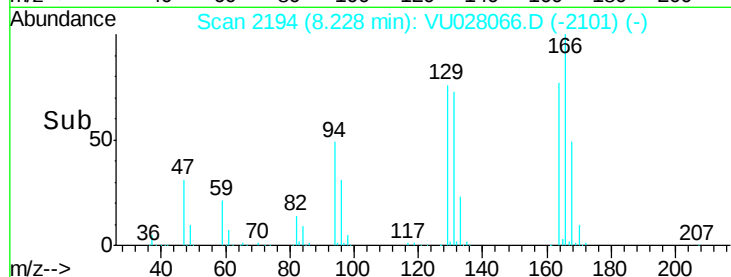
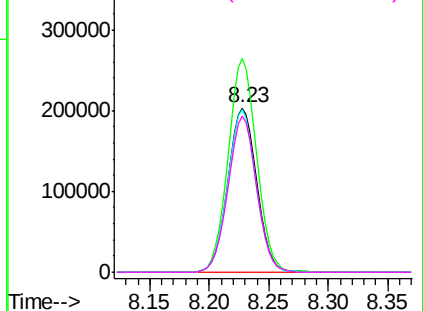


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028066.D

Acq: 12 Nov 2018 15:45

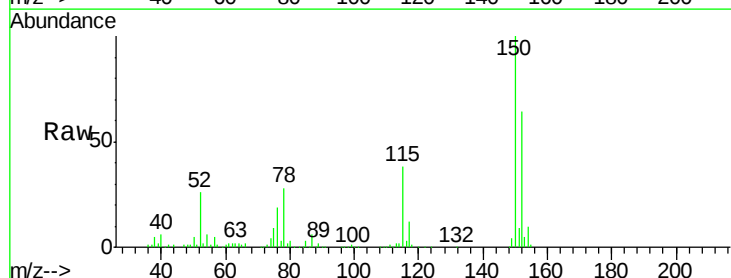
Tgt Ion:152 Resp: 106802

Ion Ratio Lower Upper

152 100

115 60.3 43.0 129.0

150 156.6 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

