

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025288.D
 Acq On : 10 Jul 2018 14:51
 Operator : MD/SY
 Sample : J3905-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1S-070518

Quant Time: Jul 11 09:19:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

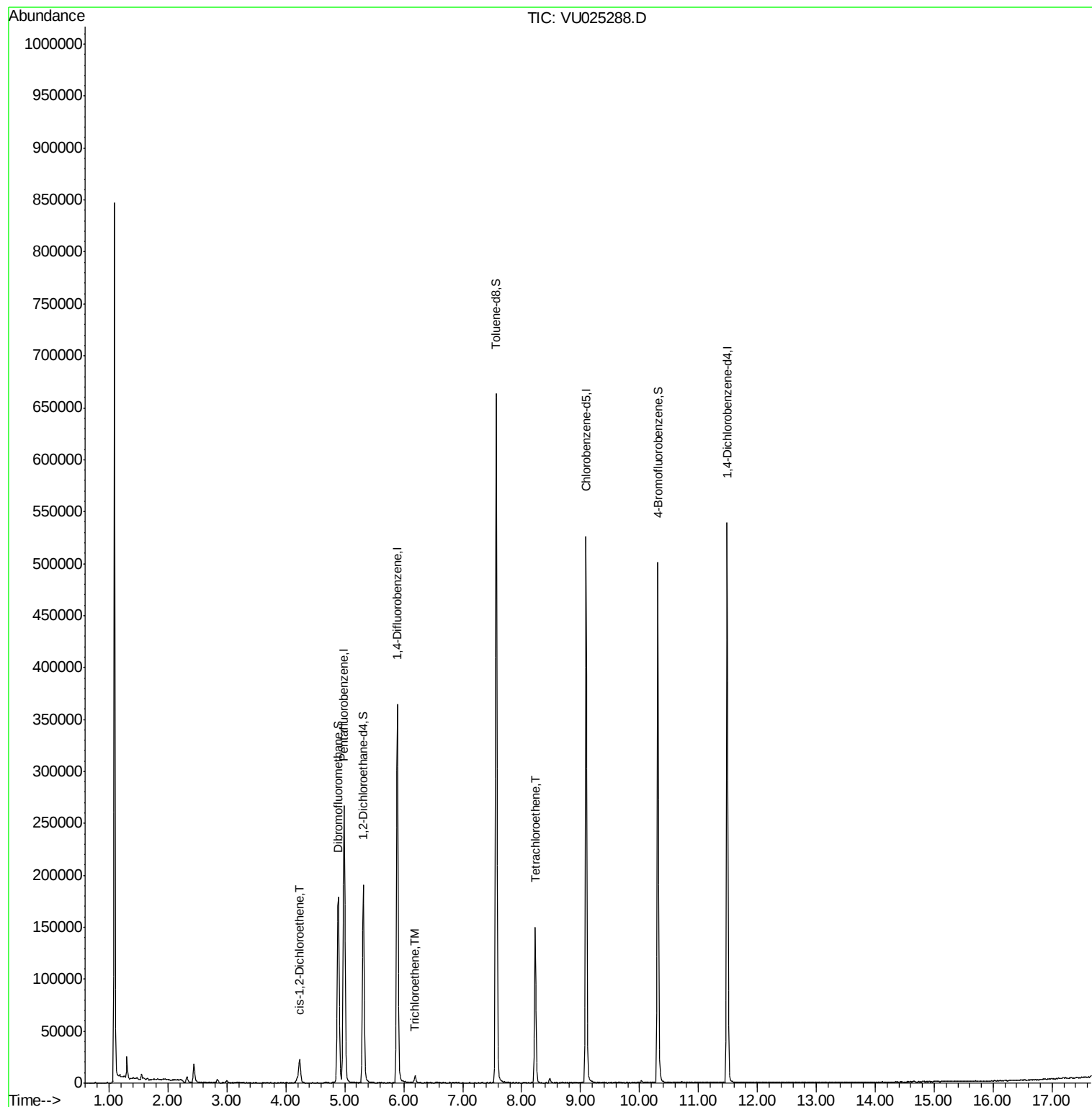
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311906	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156908	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	4.89	113	123032	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	7.57	98	448405	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.31	95	165917	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	12326	4.47	ug/l	93
44) Trichloroethene	6.19	130	2344	0.82	ug/l	98
64) Tetrachloroethene	8.23	164	33999	13.00	ug/l	96

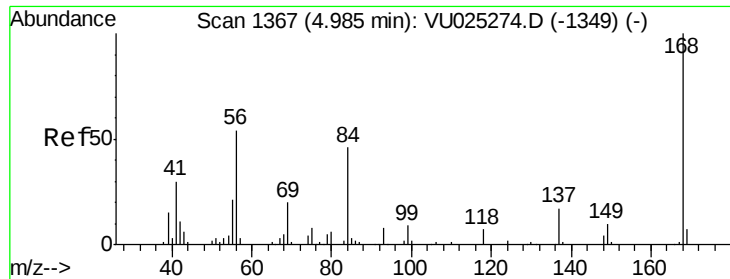
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025288.D

Acq: 10 Jul 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

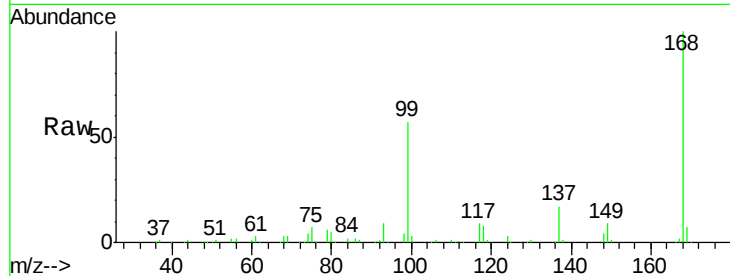
MW-1S-070518

Tot Ion:168 Resp: 205655

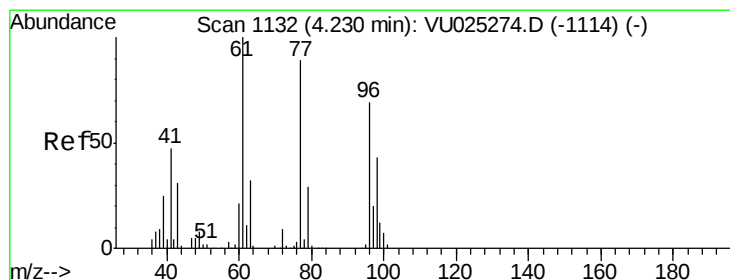
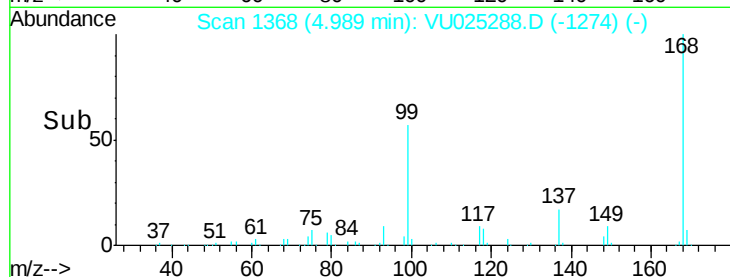
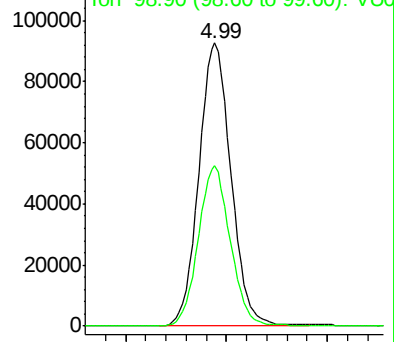
Ion Ratio Lower Upper

168 100

99 56.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)



#27

cis-1,2-Dichloroethene

Concen: 4.47 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025288.D

Acq: 10 Jul 2018 14:51

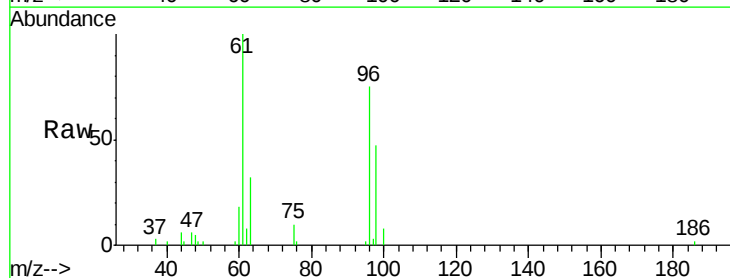
Tgt Ion: 96 Resp: 12326

Ion Ratio Lower Upper

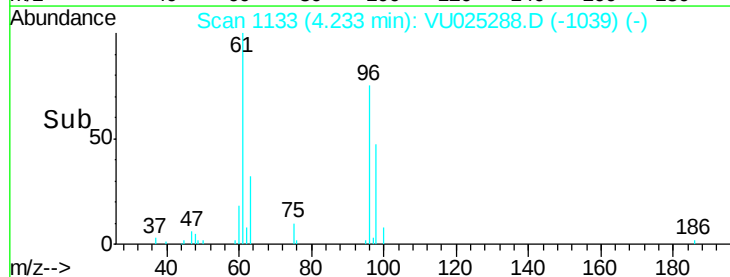
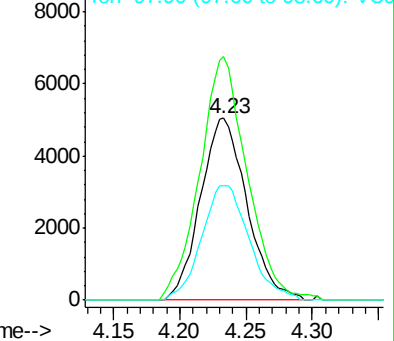
96 100

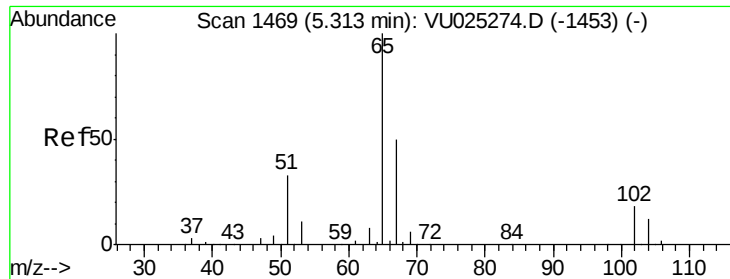
61 136.4 0.0 299.8

98 64.2 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-1114) (-)

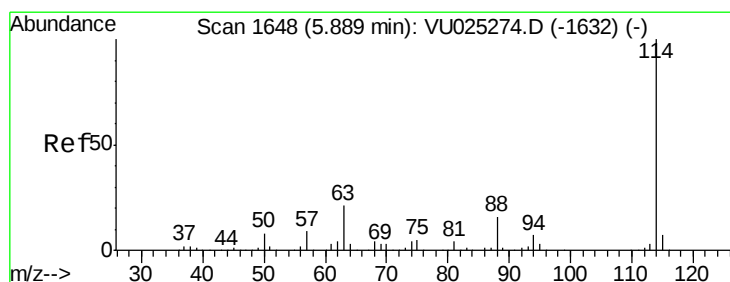
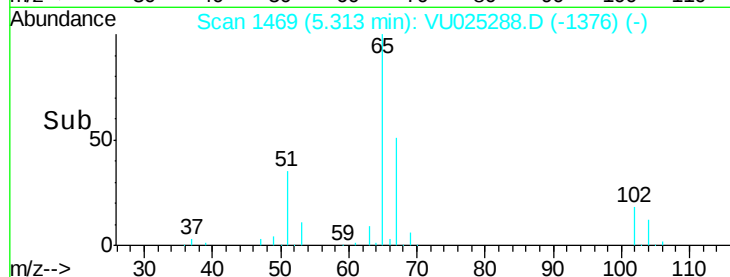
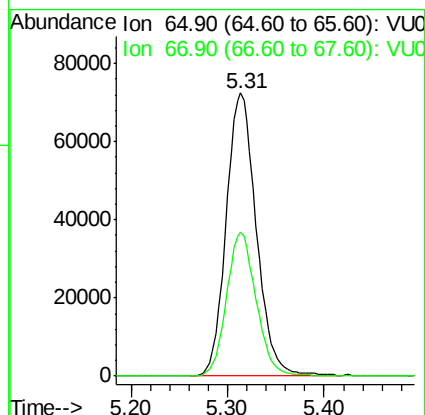
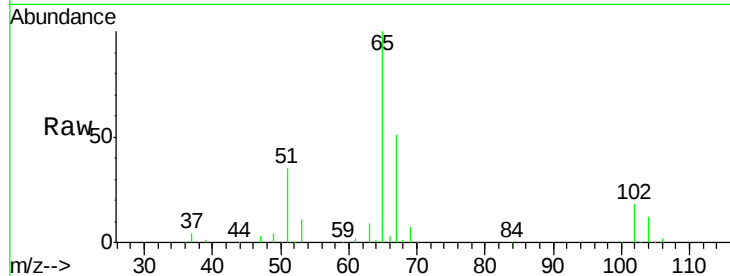




#33
 1,2-Dichloroethane-d4
 Concen: 49.11 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025288.D
 Acq: 10 Jul 2018 14:51

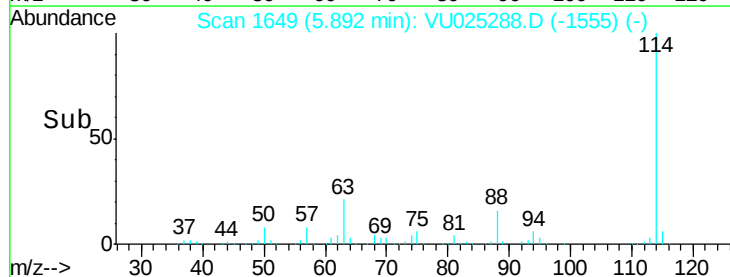
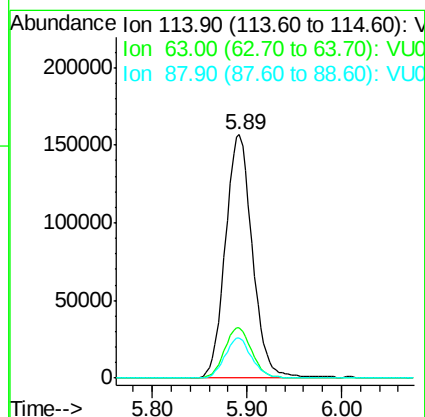
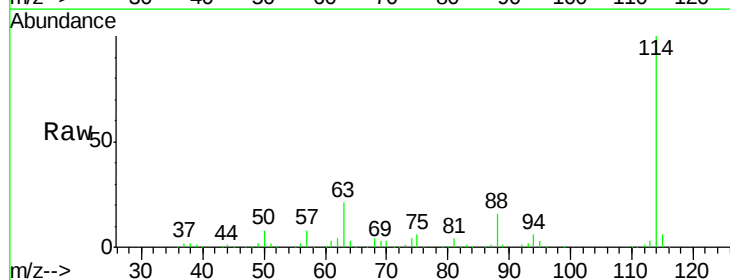
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1S-070518

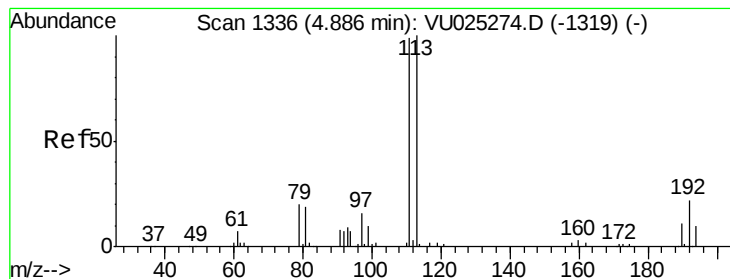
Tot Ion: 65 Resp: 156908
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025288.D
 Acq: 10 Jul 2018 14:51

Tgt Ion: 114 Resp: 311906
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.76 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025288.D

Acq: 10 Jul 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

MW-1S-070518

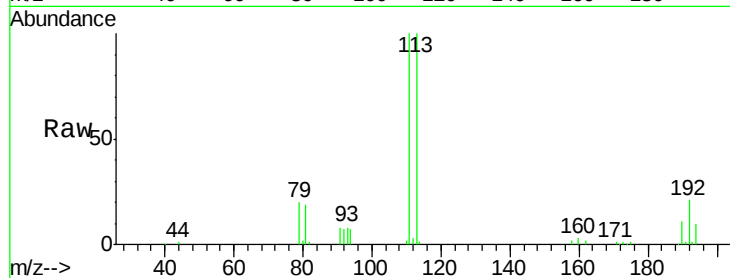
Tot Ion:113 Resp: 123032

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

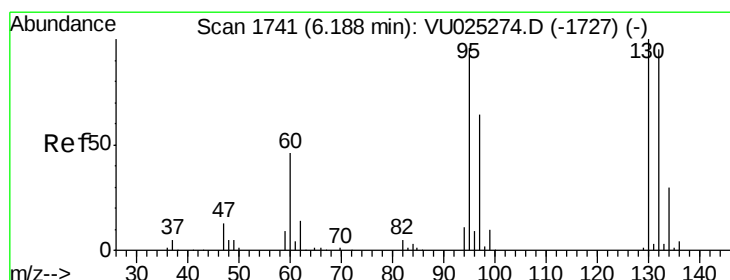
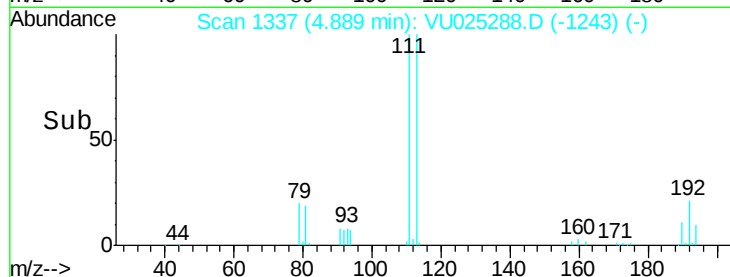
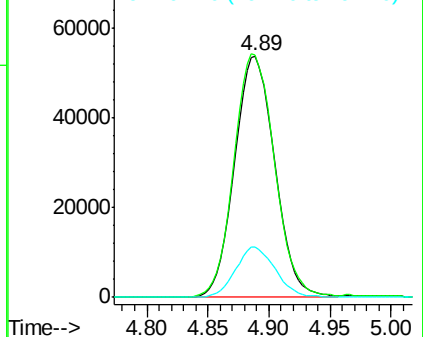
192 20.6 17.1 25.7



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: 0.82 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025288.D

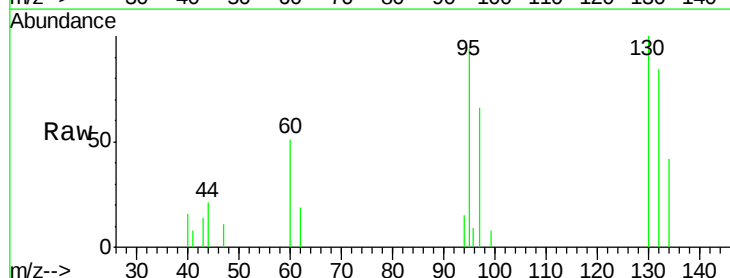
Acq: 10 Jul 2018 14:51

Tgt Ion:130 Resp: 2344

Ion Ratio Lower Upper

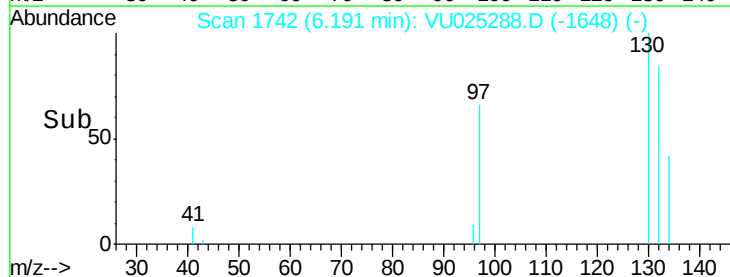
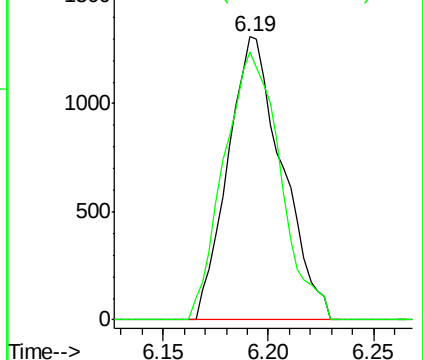
130 100

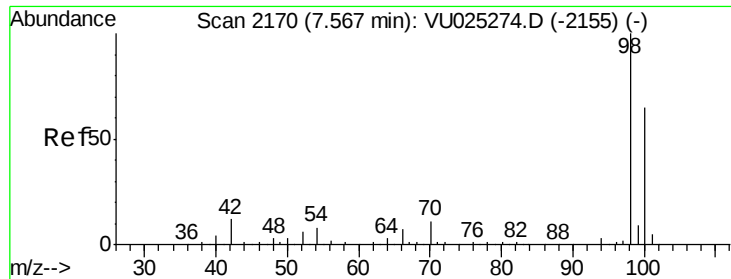
95 94.5 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 49.77 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025288.D

Acq: 10 Jul 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

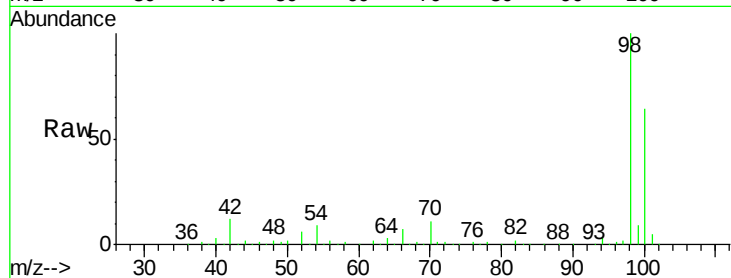
MW-1S-070518

Tot Ion: 98 Resp: 448405

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

250000

200000

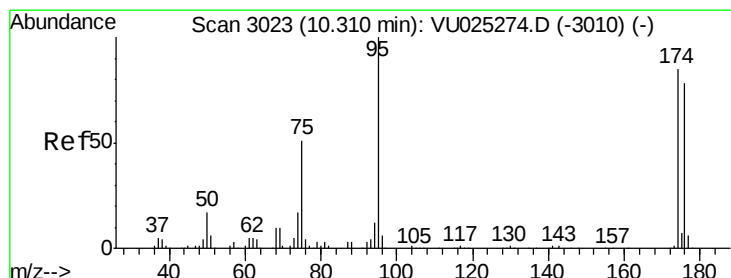
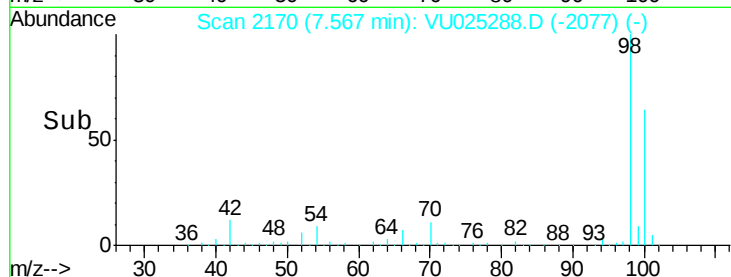
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.74 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025288.D

Acq: 10 Jul 2018 14:51

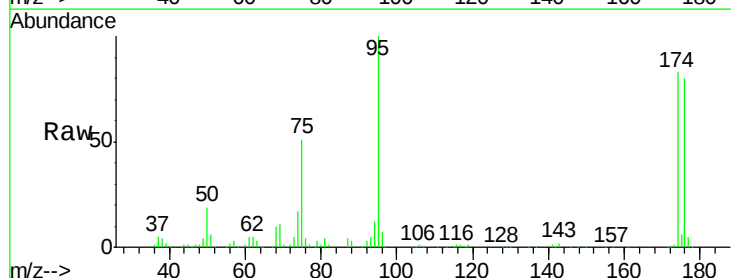
Tgt Ion: 95 Resp: 165917

Ion Ratio Lower Upper

95 100

174 84.1 0.0 172.2

176 80.8 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

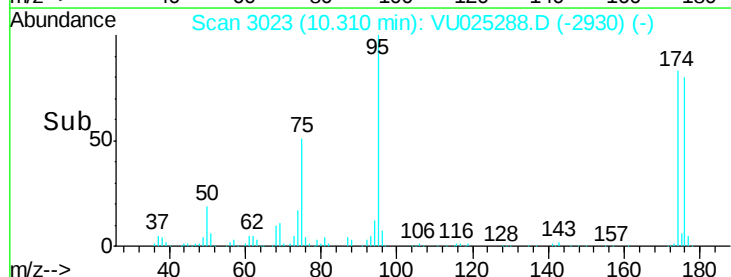
10.31

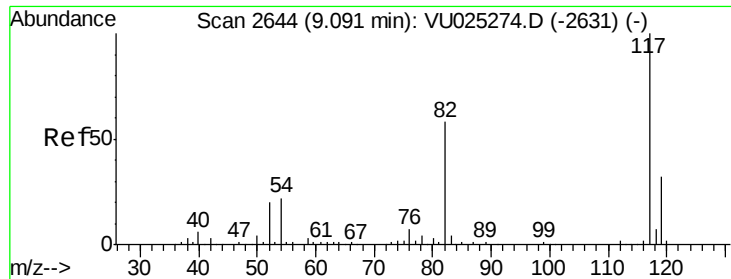
100000

50000

0

Time-->

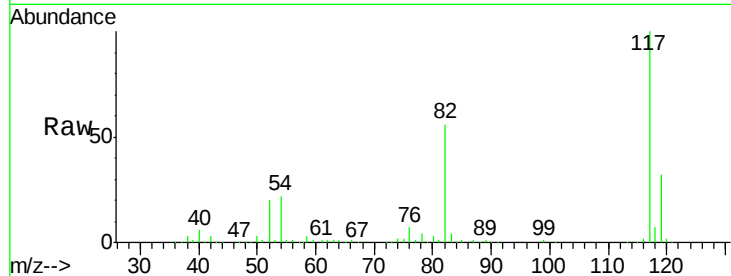




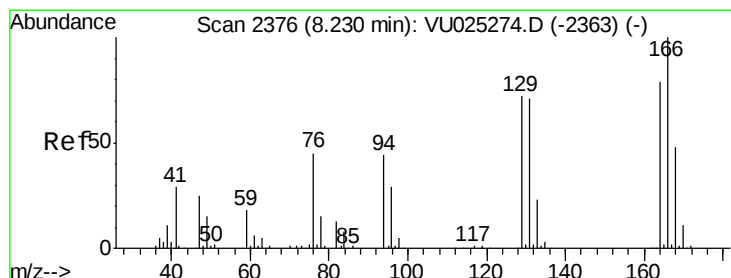
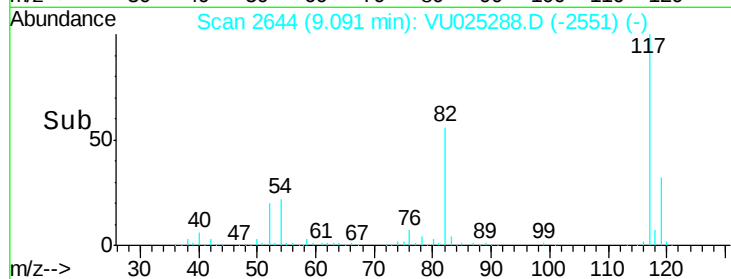
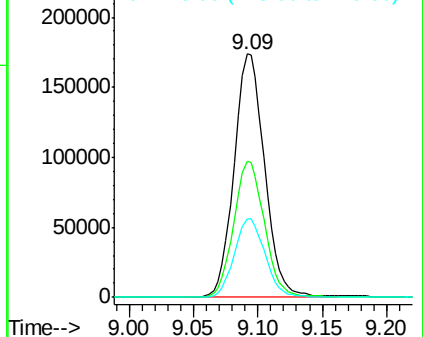
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025288.D
Acq: 10 Jul 2018 14:51

Instrument :
MSVOA_U
ClientSampleId :
MW-1S-070518

Tot Ion:117 Resp: 286941
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.3 26.0 39.0

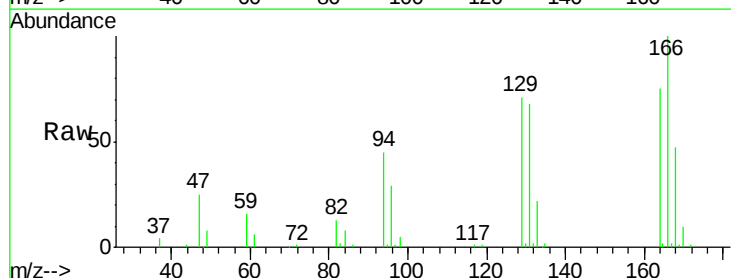


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

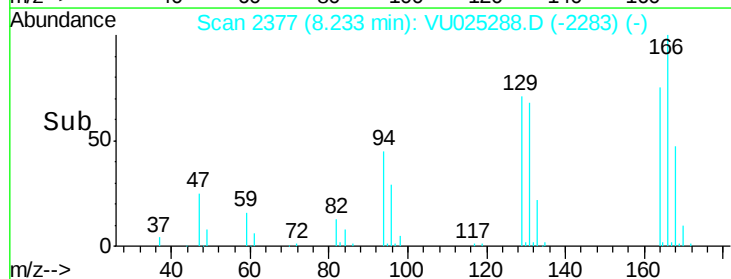
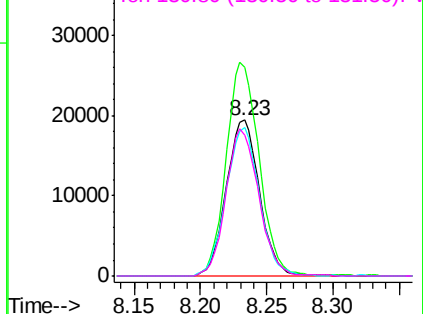


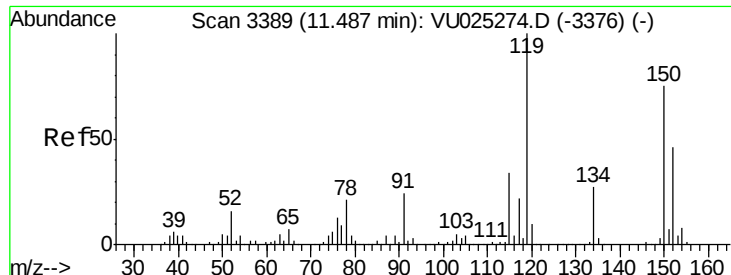
#64
Tetrachloroethene
Concen: 13.00 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025288.D
Acq: 10 Jul 2018 14:51

Tgt Ion:164 Resp: 33999
Ion Ratio Lower Upper
164 100
166 133.7 101.1 151.7
129 94.8 73.0 109.6
131 90.6 72.1 108.1



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: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025288.D
 Acq: 10 Jul 2018 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1S-070518

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	40.1	120.3
150	155.2	0.0	351.4

