

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025287.D
 Acq On : 10 Jul 2018 14:26
 Operator : MD/SY
 Sample : J3905-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D-070518

Quant Time: Jul 11 09:19:06 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

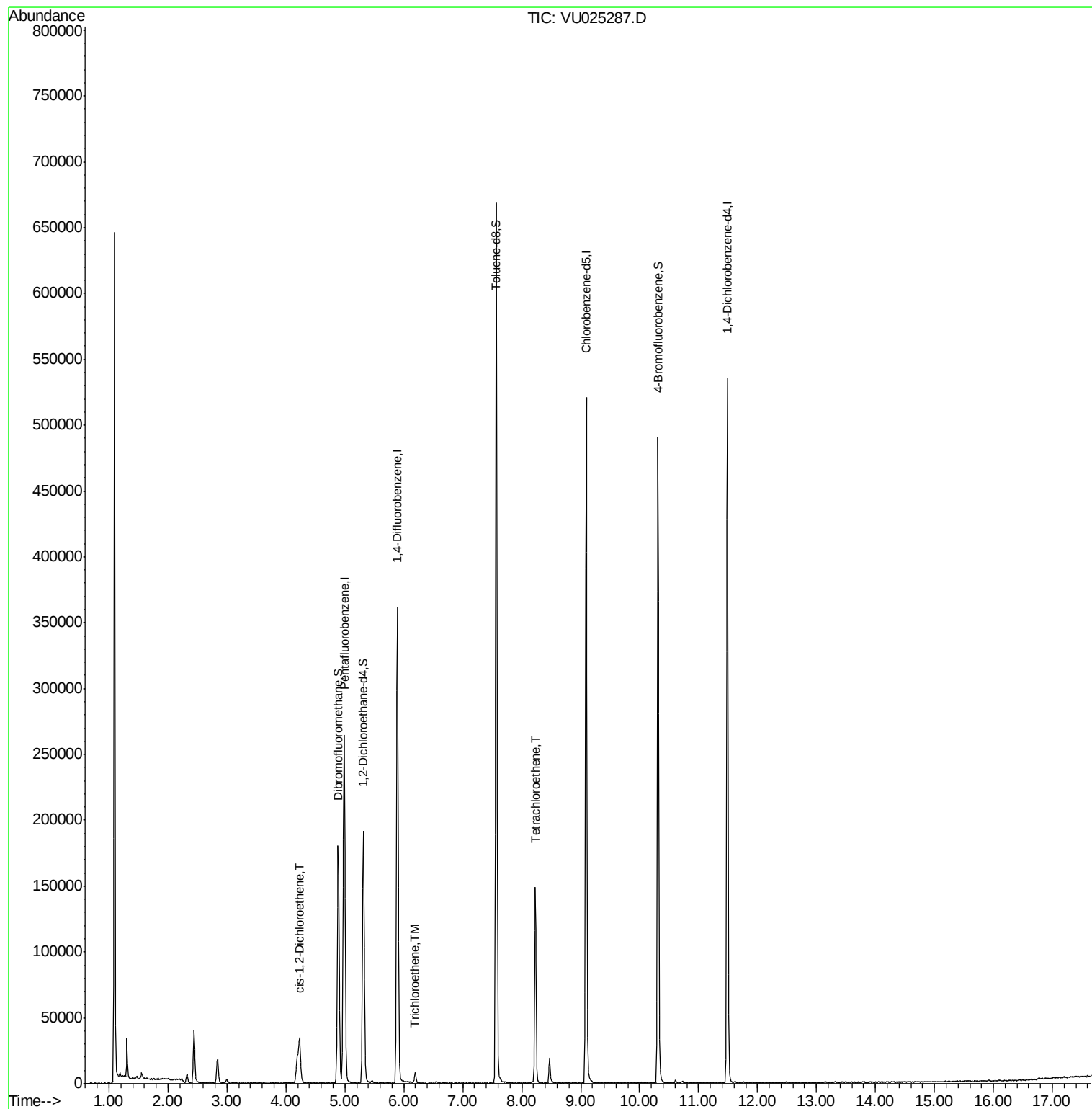
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	208292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305786	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157652	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	4.89	113	122070	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	7.57	98	442859	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	10.31	95	162190	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	16986	6.08	ug/l	92
44) Trichloroethene	6.19	130	3051	1.08	ug/l	90
64) Tetrachloroethene	8.23	164	34609	13.21	ug/l	98

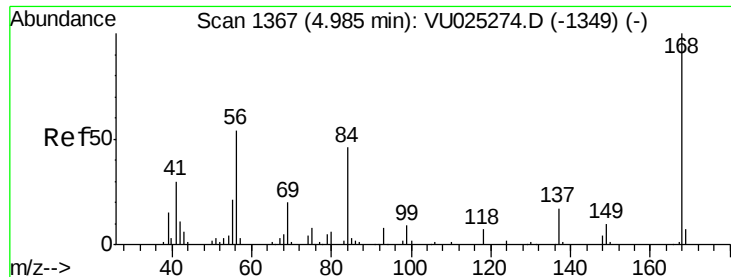
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025287.D

Acq: 10 Jul 2018 14:26

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MSVOA_U

ClientSampleId :

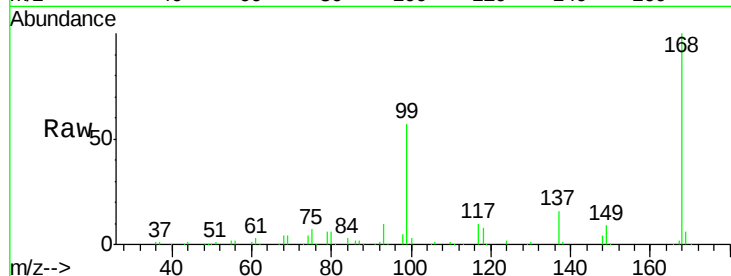
MW-1D-070518

Tot Ion:168 Resp: 208292

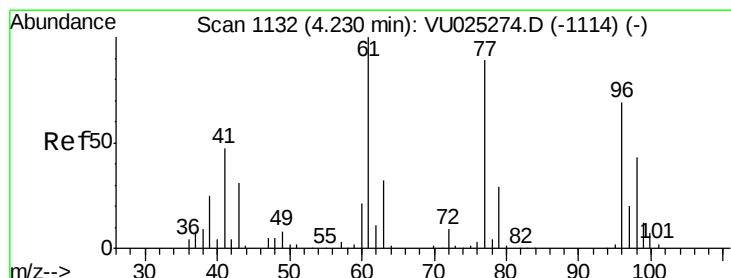
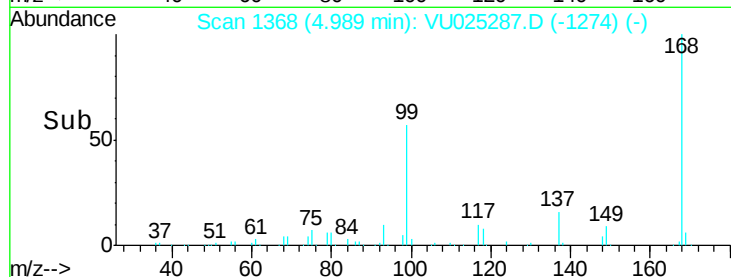
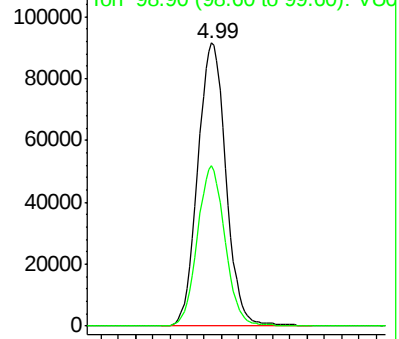
Ion Ratio Lower Upper

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: 6.08 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025287.D

Acq: 10 Jul 2018 14:26

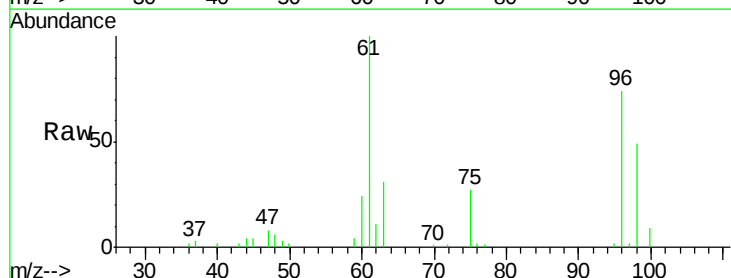
Tgt Ion: 96 Resp: 16986

Ion Ratio Lower Upper

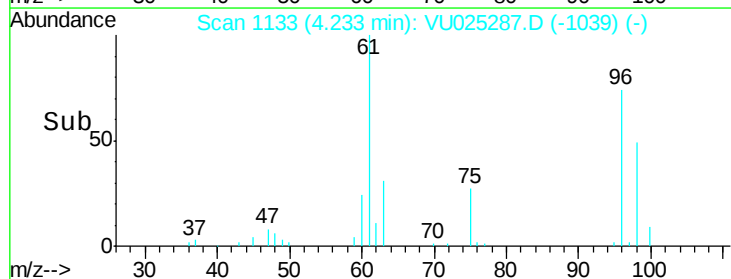
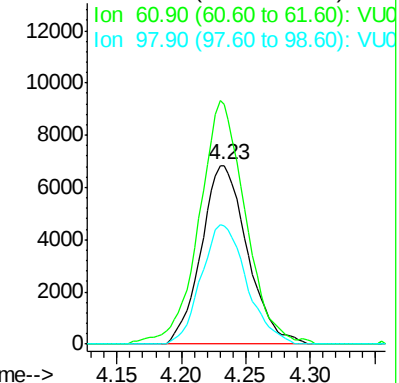
96 100

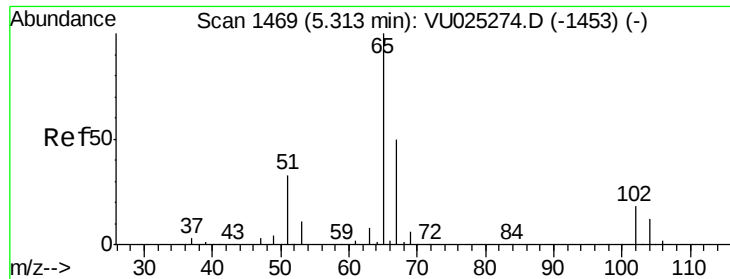
61 136.9 0.0 299.8

98 65.9 0.0 128.6



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

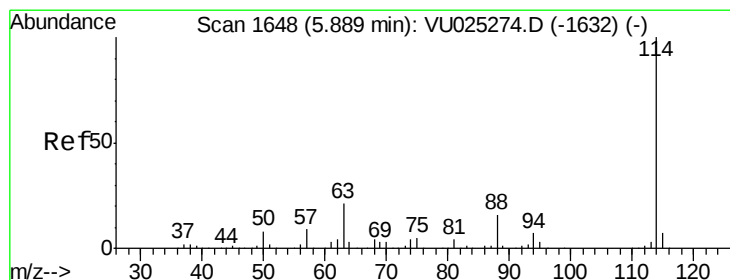
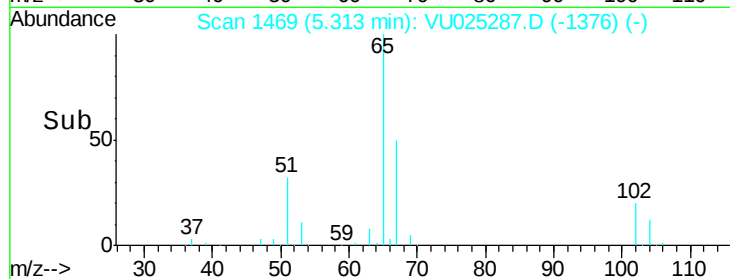
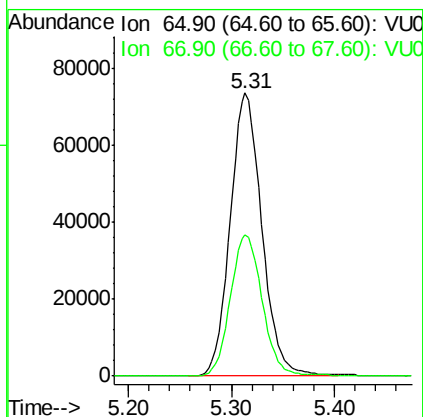
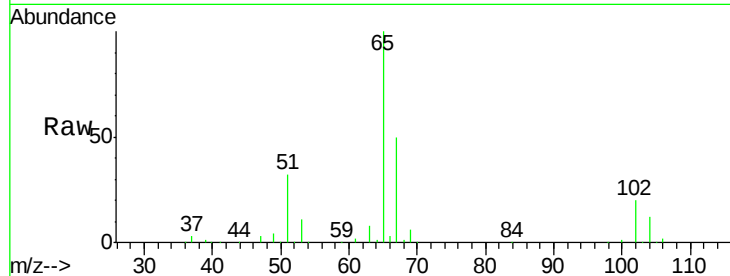




#33
 1,2-Dichloroethane-d4
 Concen: 48.72 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025287.D
 Acq: 10 Jul 2018 14:26

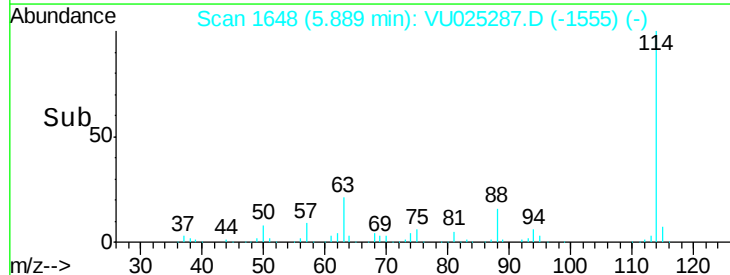
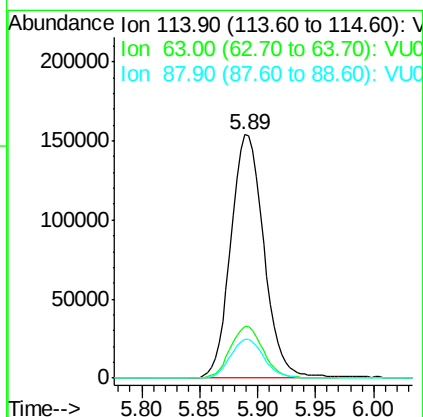
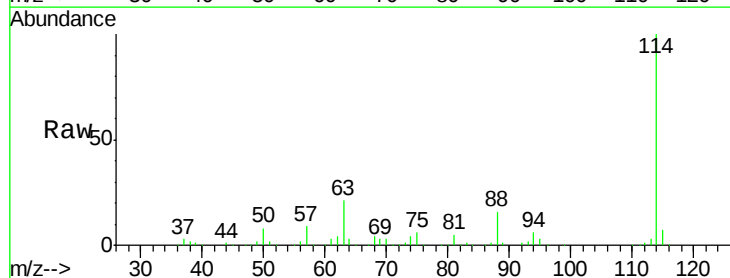
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D-070518

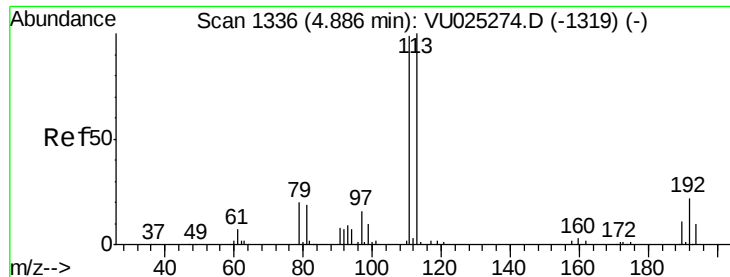
Tot Ion: 65 Resp: 157652
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025287.D
 Acq: 10 Jul 2018 14:26

Tgt Ion: 114 Resp: 305786
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 16.2 0.0 32.4

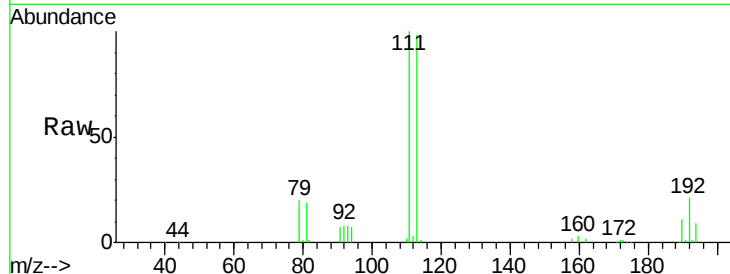




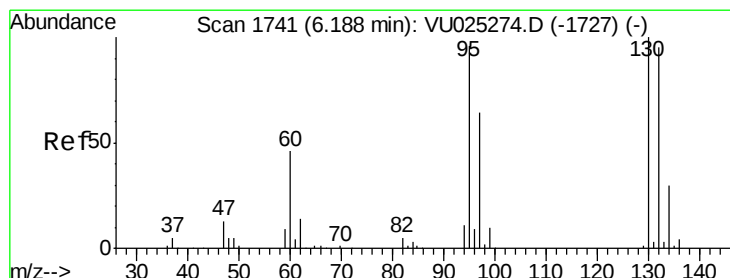
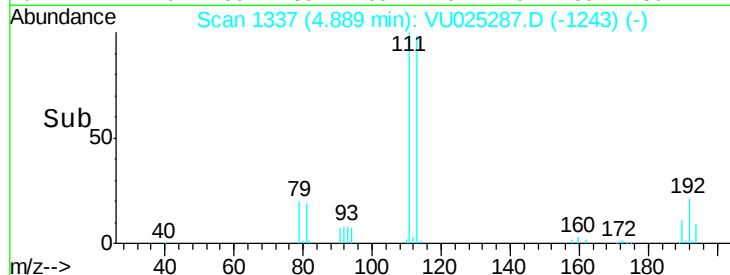
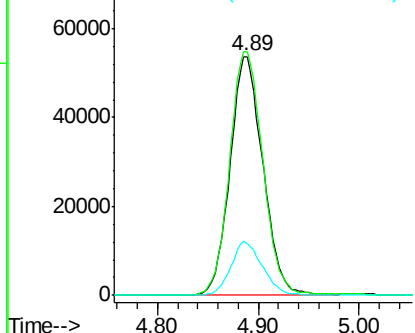
#35
 Dibromofluoromethane
 Concen: 47.32 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025287.D
 Acq: 10 Jul 2018 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D-070518

Tot Ion:113 Resp: 122070
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 21.6 17.1 25.7

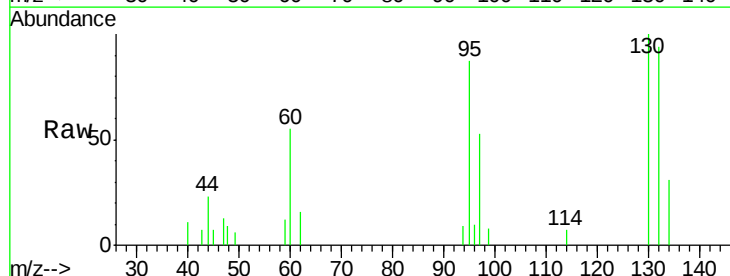


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

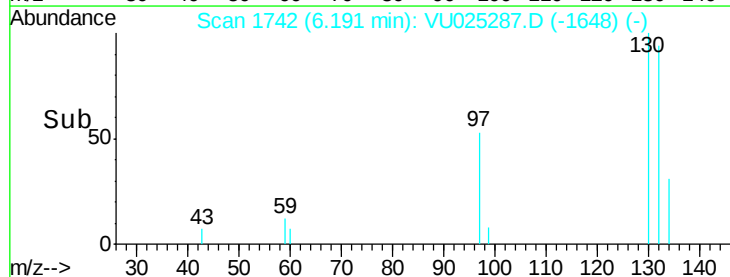
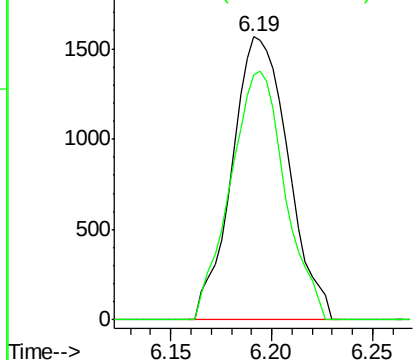


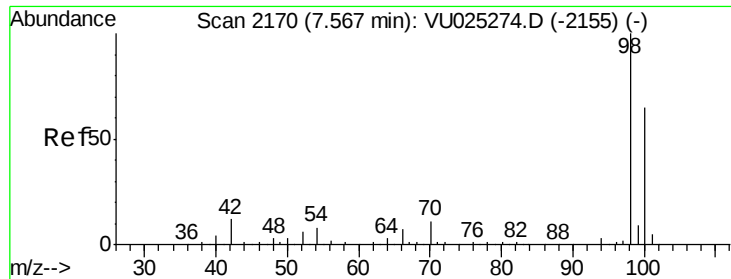
#44
 Trichloroethene
 Concen: 1.08 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025287.D
 Acq: 10 Jul 2018 14:26

Tgt Ion:130 Resp: 3051
 Ion Ratio Lower Upper
 130 100
 95 86.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.13 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025287.D

Acq: 10 Jul 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

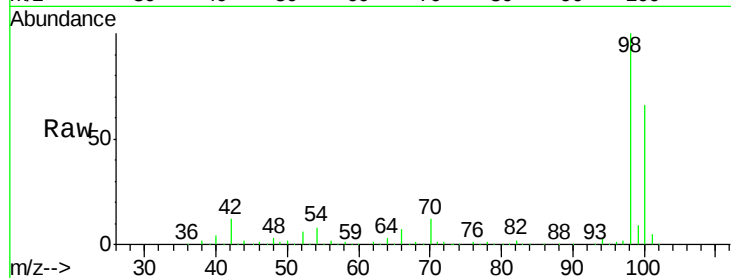
MW-1D-070518

Tot Ion: 98 Resp: 442859

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025287.D (-2077) (-)

Ion 100.00 (99.70 to 100.70): VU025287.D (-2077) (-)

7.57

250000

200000

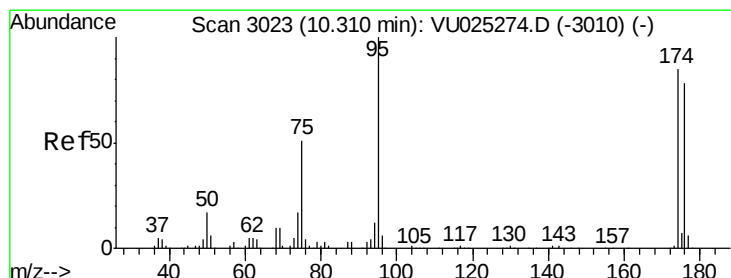
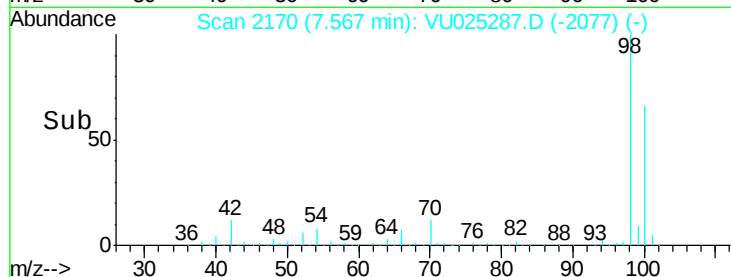
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.61 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025287.D

Acq: 10 Jul 2018 14:26

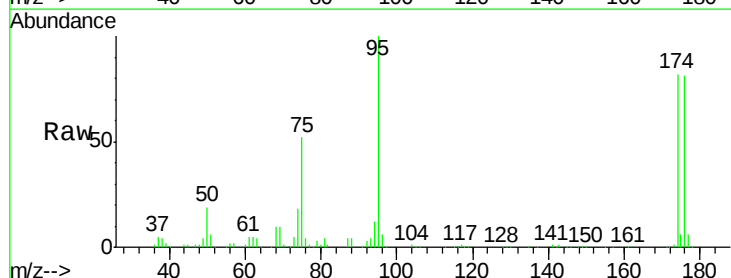
Tgt Ion: 95 Resp: 162190

Ion Ratio Lower Upper

95 100

174 85.3 0.0 172.2

176 83.9 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025287.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025287.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025287.D (-2930) (-)

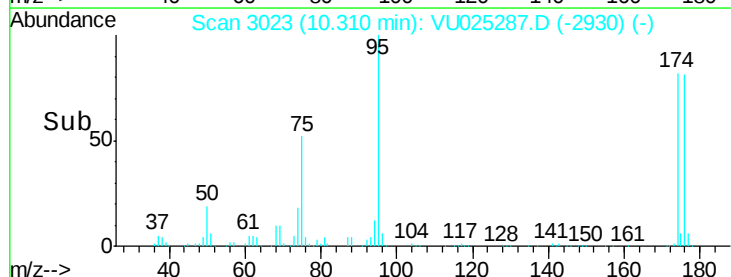
10.31

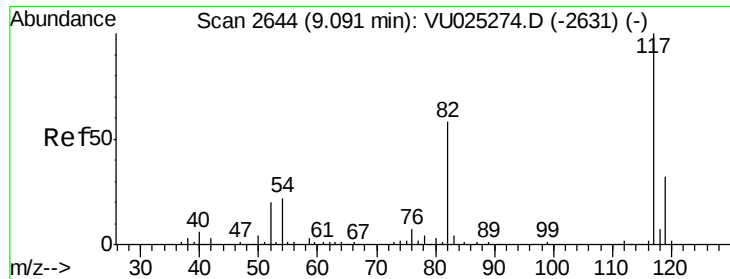
100000

50000

0

Time-->

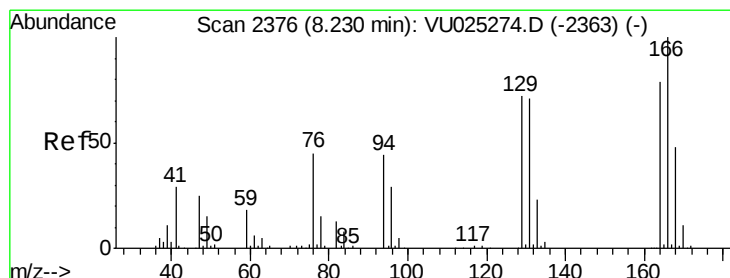
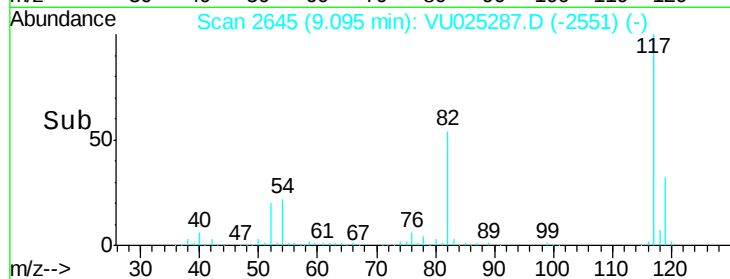
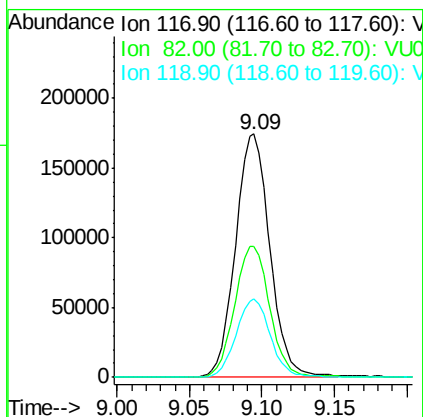
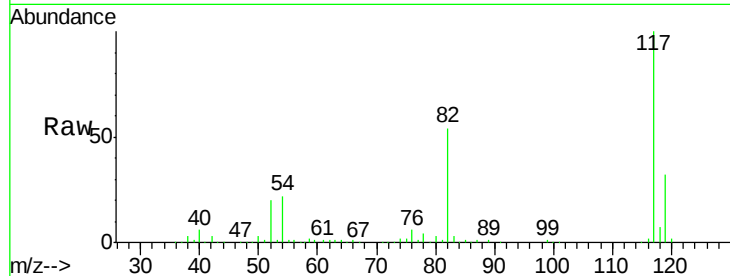




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025287.D
Acq: 10 Jul 2018 14:26

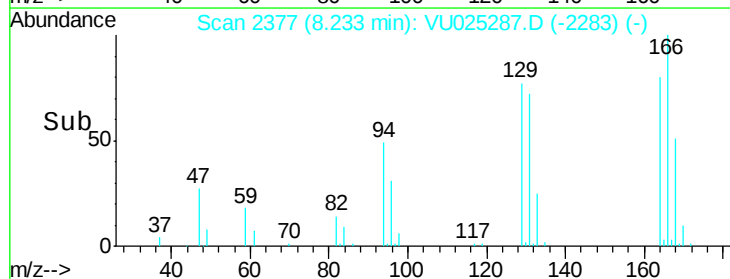
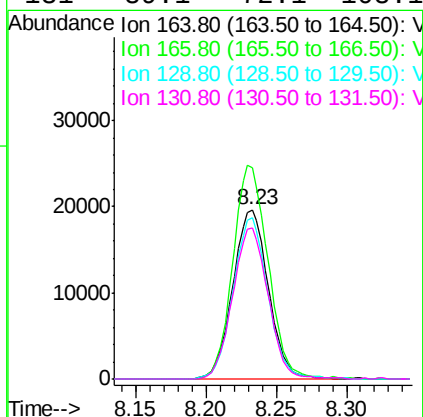
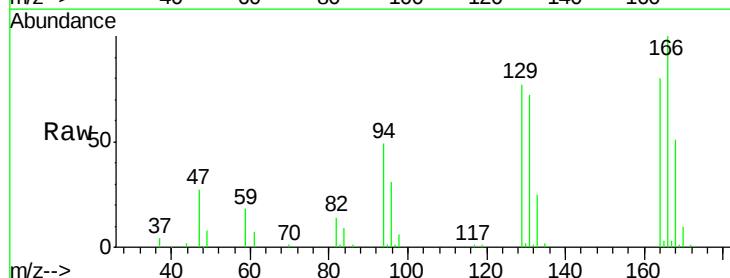
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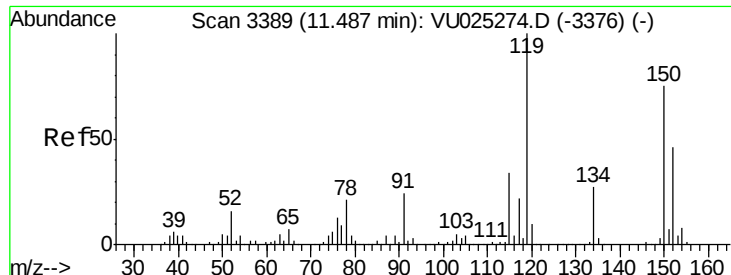
Tot Ion:117 Resp: 287453
Ion Ratio Lower Upper
117 100
82 54.0 46.0 69.0
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 13.21 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025287.D
Acq: 10 Jul 2018 14:26

Tgt Ion:164 Resp: 34609
Ion Ratio Lower Upper
164 100
166 124.5 101.1 151.7
129 95.4 73.0 109.6
131 89.1 72.1 108.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025287.D

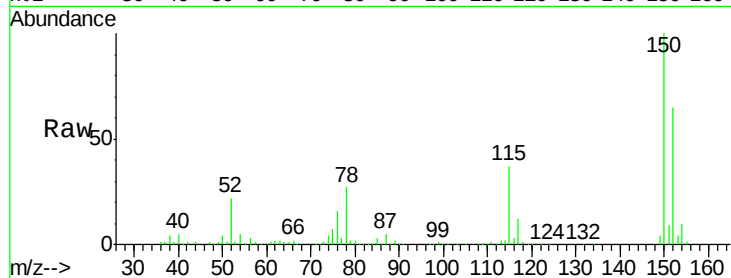
Acq: 10 Jul 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

MW-1D-070518



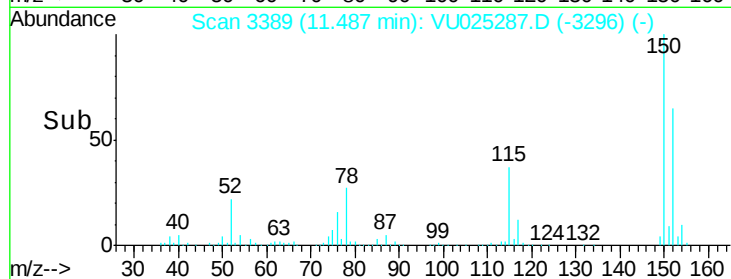
Tot Ion:152 Resp: 142806

Ion Ratio Lower Upper

152 100

115 58.5 40.1 120.3

150 155.6 0.0 351.4



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

