

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025097.D
 Acq On : 30 Jun 2018 18:49
 Operator : MD/SY
 Sample : J3759-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW469-180626

Quant Time: Jul 02 09:45:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

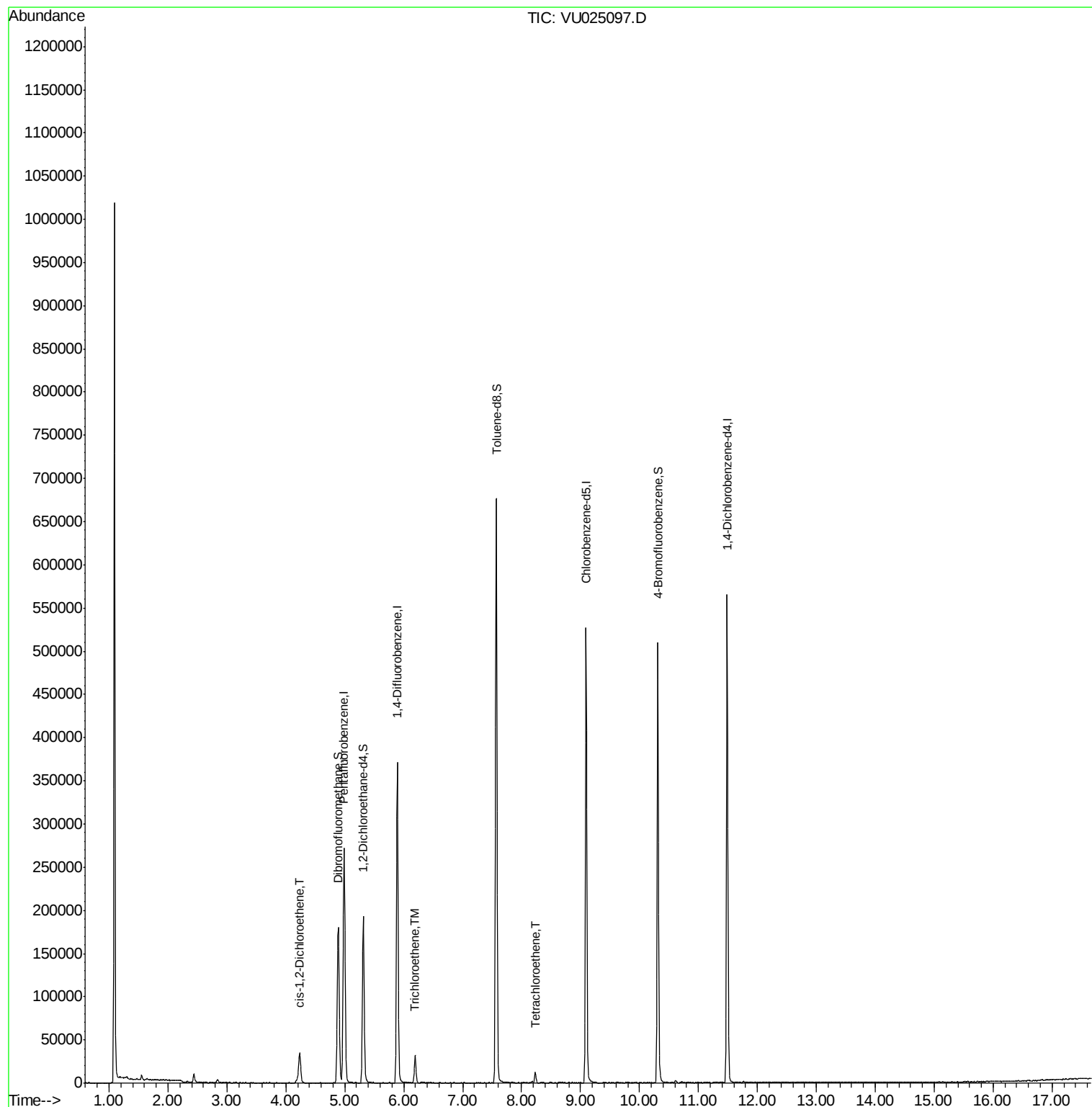
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	211475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313648	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158589	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	4.89	113	120761	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	7.57	98	450394	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	10.31	95	164989	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	20157	6.61	ug/l	88
44) Trichloroethene	6.19	130	11523	3.86	ug/l	93
64) Tetrachloroethene	8.23	164	2927	1.07	ug/l	86

(#) = 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: VU025097.D

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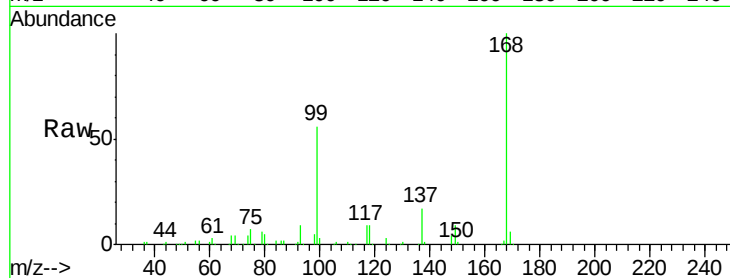
WP021MW469-180626

Tot Ion:168 Resp: 211475

Ion Ratio Lower Upper

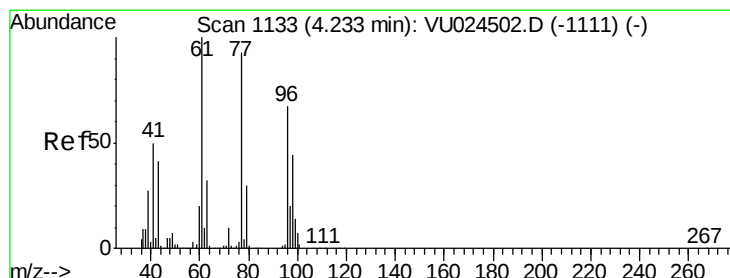
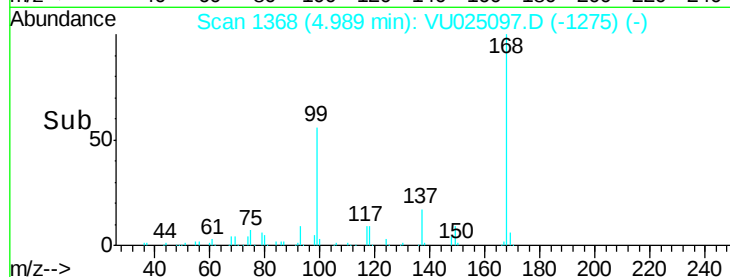
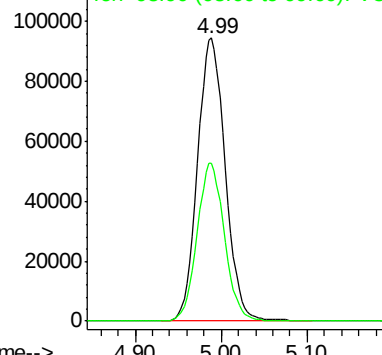
168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 6.61 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025097.D

Acq: 30 Jun 2018 18:49

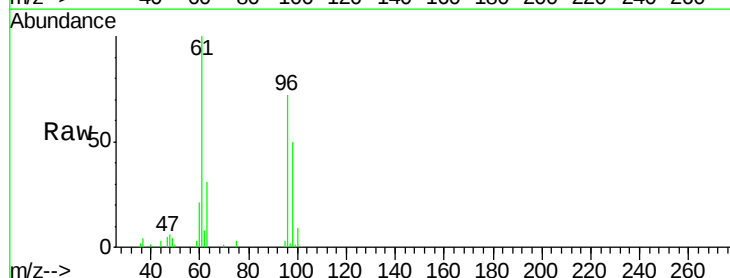
Tgt Ion: 96 Resp: 20157

Ion Ratio Lower Upper

96 100

61 131.7 0.0 306.6

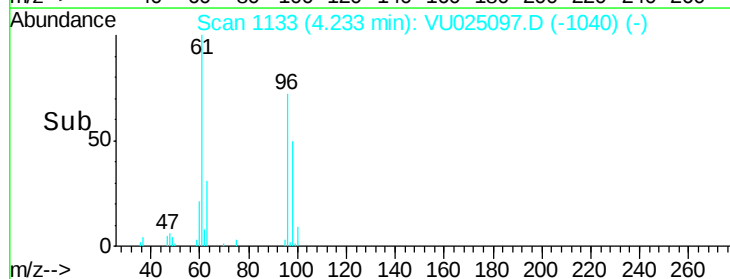
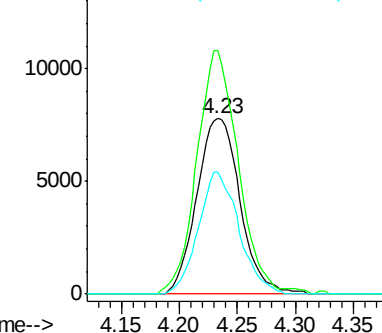
98 65.1 0.0 128.8



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

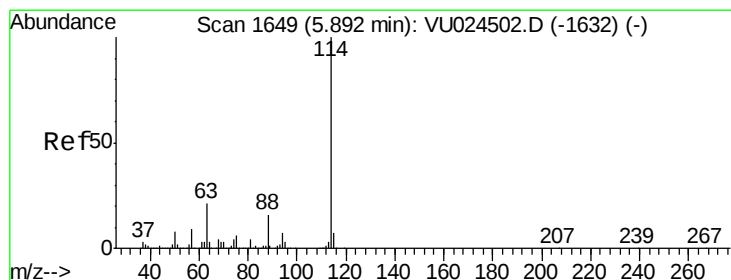
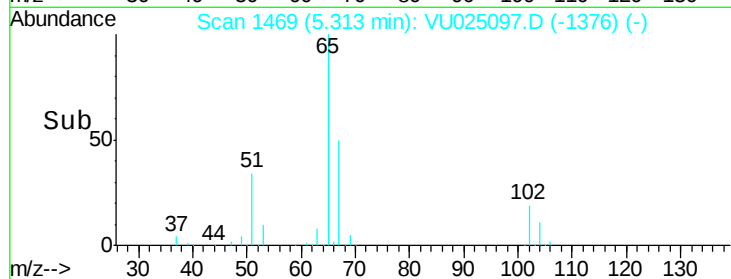
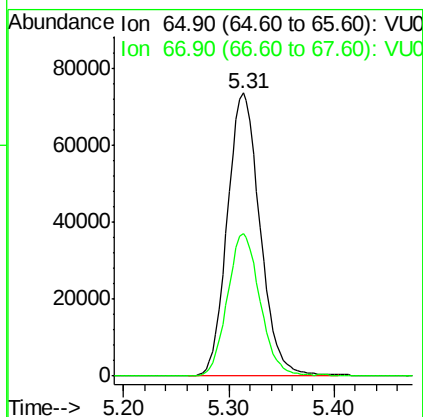
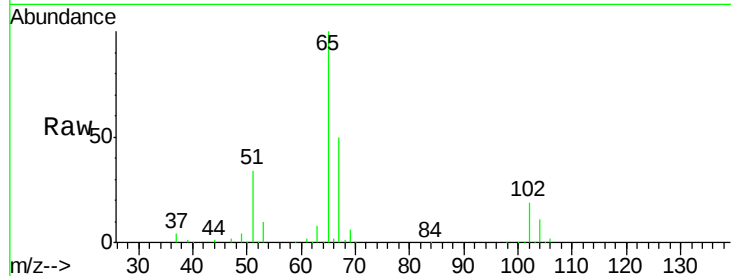




#33
 1,2-Dichloroethane-d4
 Concen: 45.94 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025097.D
 Acq: 30 Jun 2018 18:49

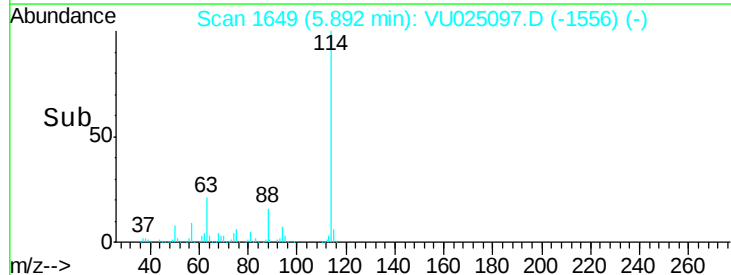
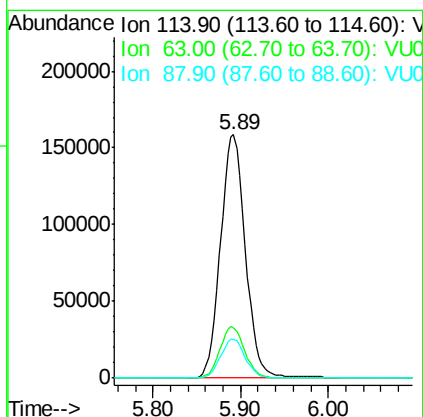
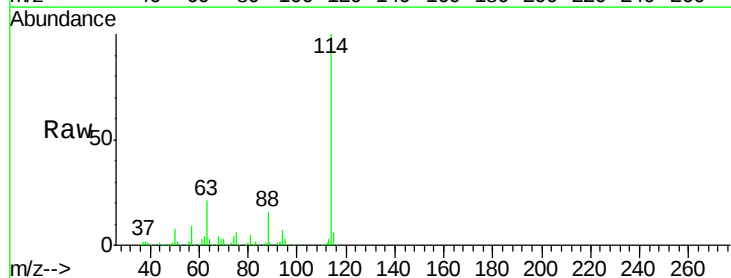
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW469-180626

Tot Ion: 65 Resp: 158589
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025097.D
 Acq: 30 Jun 2018 18:49

Tgt Ion: 114 Resp: 313648
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.1 0.0 31.0

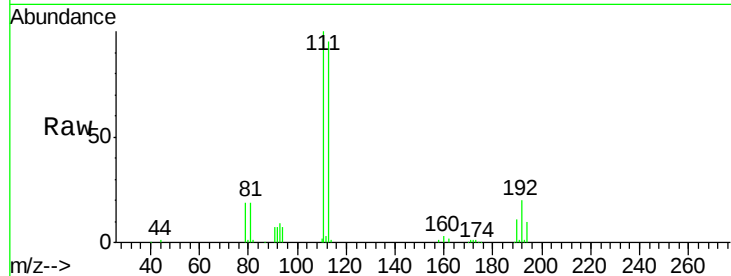




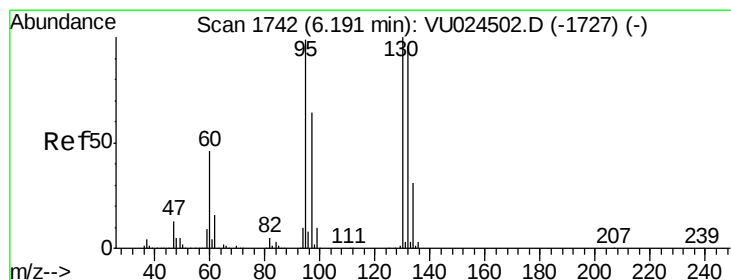
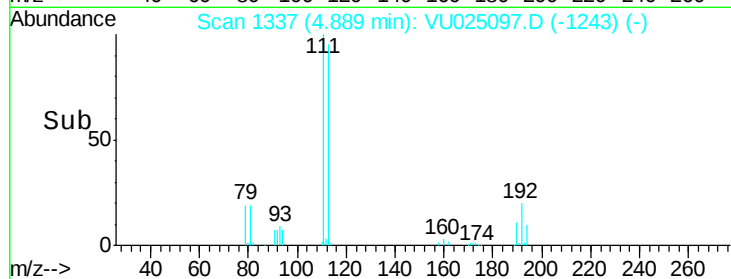
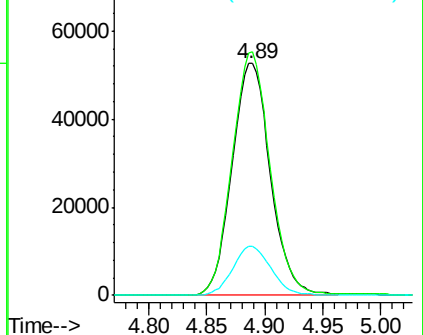
#35
 Dibromofluoromethane
 Concen: 46.39 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025097.D
 Acq: 30 Jun 2018 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW469-180626

Tot Ion:113 Resp: 120761
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 21.1 16.2 24.4

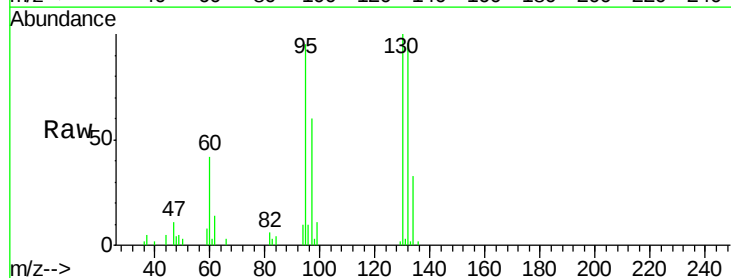


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

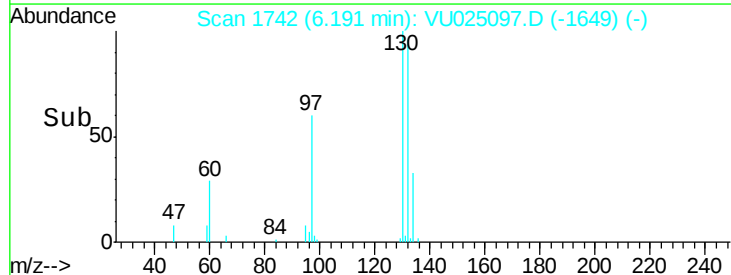
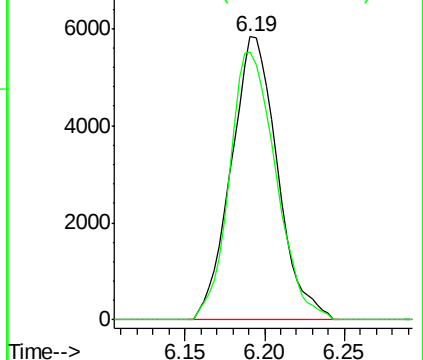


#44
 Trichloroethene
 Concen: 3.86 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025097.D
 Acq: 30 Jun 2018 18:49

Tgt Ion:130 Resp: 11523
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VU0

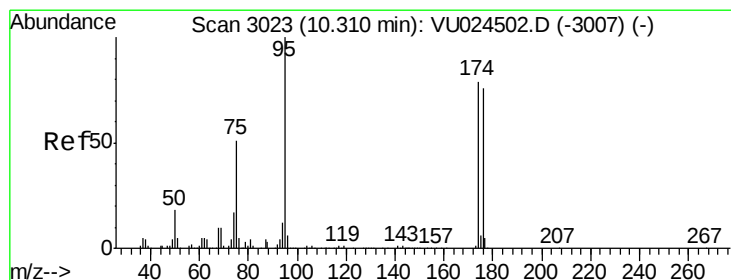
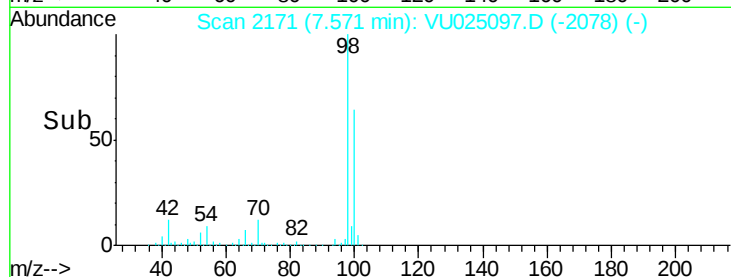
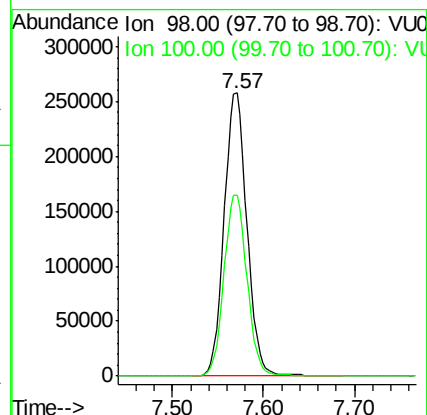
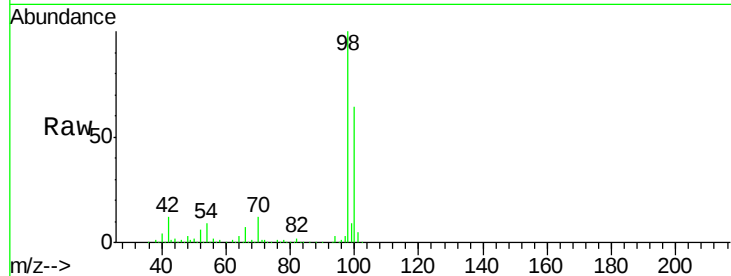




#50
Toluene-d8
Concen: 47.44 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025097.D
Acq: 30 Jun 2018 18:49

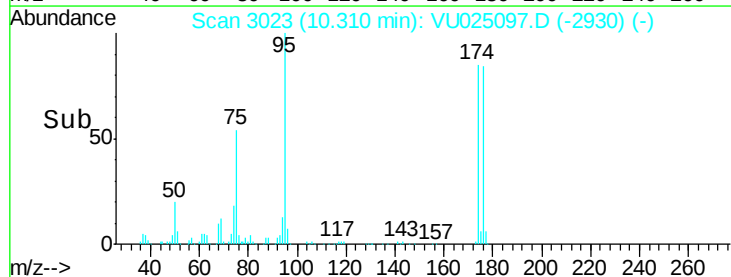
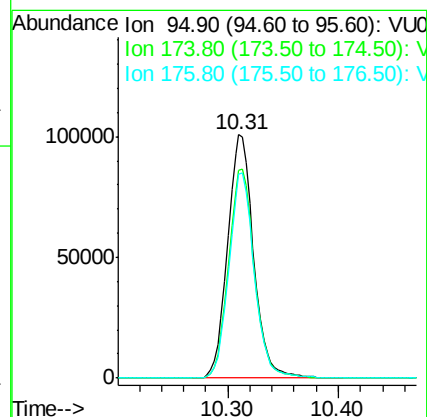
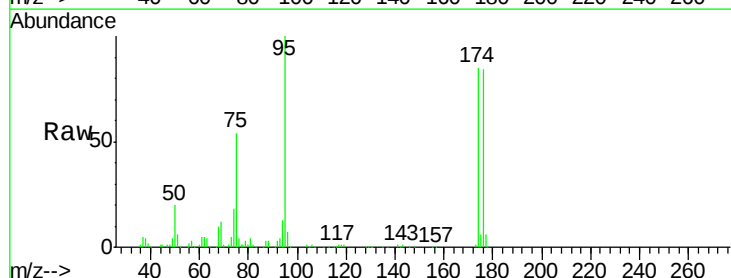
Instrument :
MSVOA_U
ClientSampleId :
WP021MW469-180626

Tot Ion: 98 Resp: 450394
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.77 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025097.D
Acq: 30 Jun 2018 18:49

Tgt Ion: 95 Resp: 164989
Ion Ratio Lower Upper
95 100
174 85.5 0.0 165.8
176 82.4 0.0 159.4

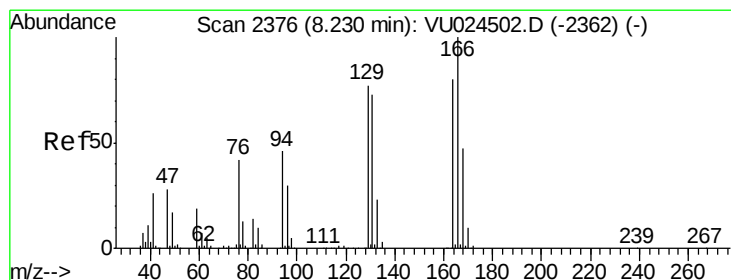
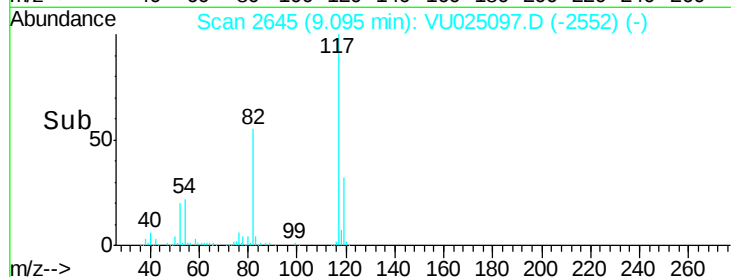
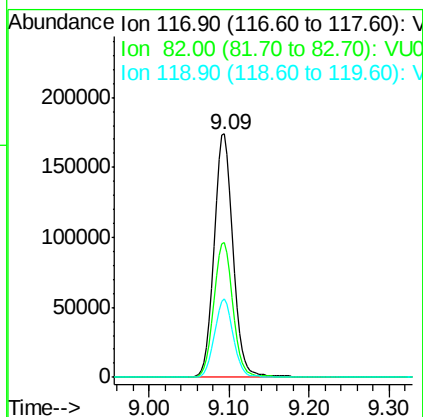
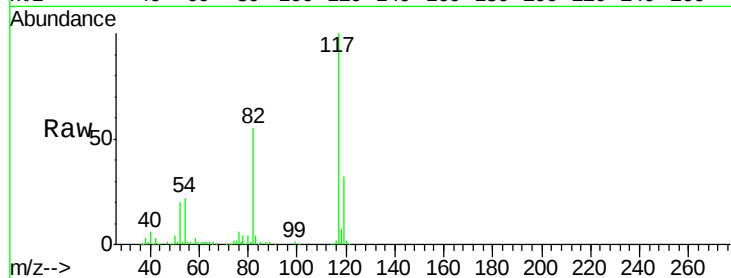




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025097.D
Acq: 30 Jun 2018 18:49

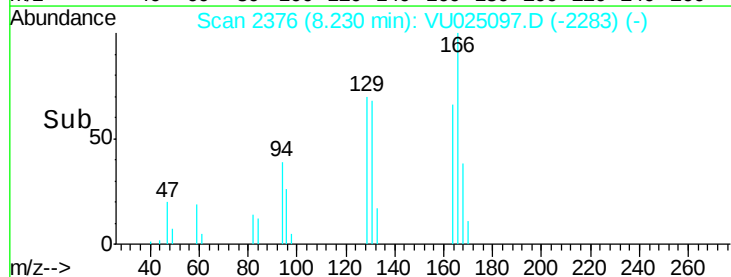
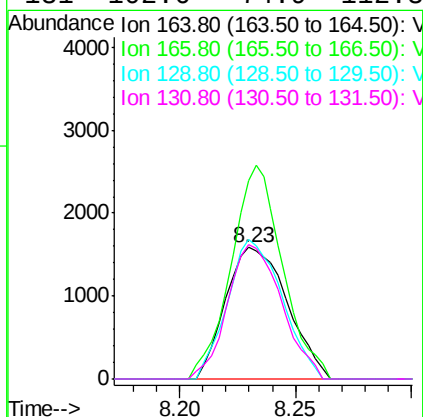
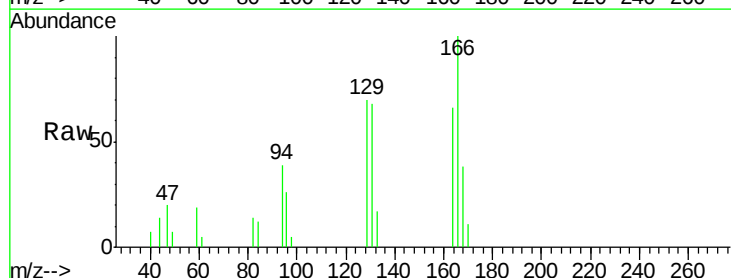
Instrument :
MSVOA_U
ClientSampleId :
WP021MW469-180626

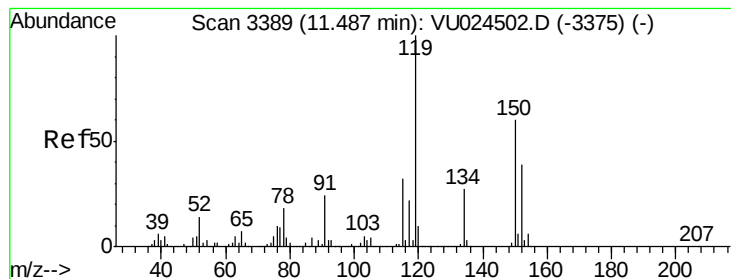
Tot Ion:117 Resp: 288736
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 1.07 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025097.D
Acq: 30 Jun 2018 18:49

Tgt Ion:164 Resp: 2927
Ion Ratio Lower Upper
164 100
166 151.0 101.7 152.5
129 106.4 76.9 115.3
131 102.6 74.9 112.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025097.D

Acq: 30 Jun 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

WP021MW469-180626

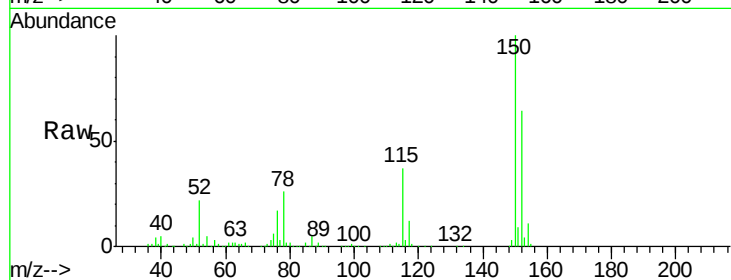
Tot Ion:152 Resp: 146681

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

150 156.3 0.0 354.0



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

