

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025772.D
 Acq On : 01 Aug 2018 13:17
 Operator : MD/SY
 Sample : J4048-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YT-MW-6

Quant Time: Aug 02 04:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	177083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	285544	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166929	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	140377	50.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.76%	
35) Dibromofluoromethane	4.89	113	117531	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	
50) Toluene-d8	7.57	98	416470	47.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.31	95	159928	47.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.82%	

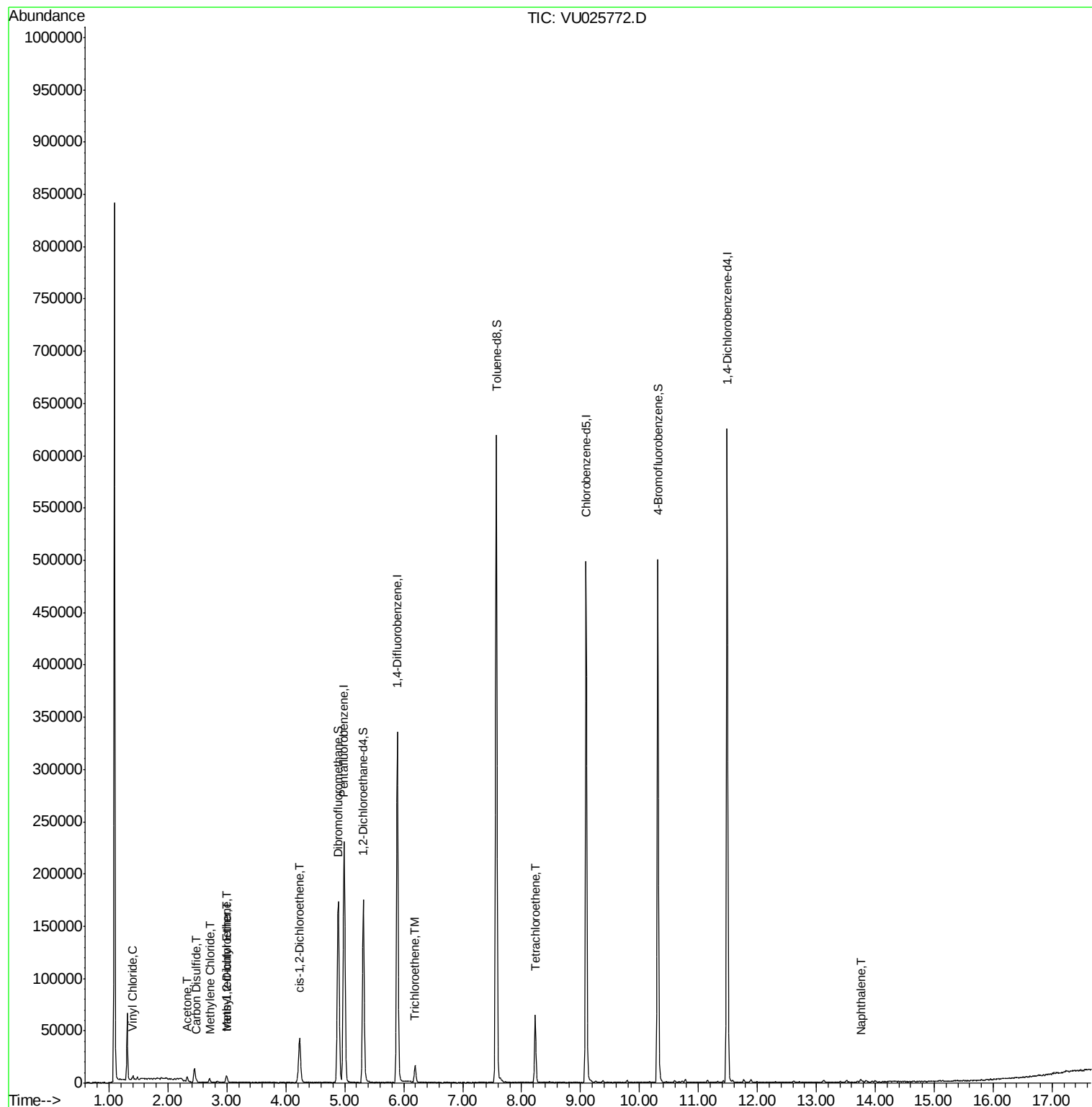
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	2252	0.935	ug/l #	83
16) Acetone	2.32	43	6265	4.657	ug/l	99
17) Carbon Disulfide	2.48	76	2057	0.334	ug/l #	80
19) Methyl tert-butyl Ether	3.00	73	3113	0.452	ug/l	96
20) Methylene Chloride	2.71	84	1442	0.605	ug/l	89
21) trans-1,2-Dichloroethene	2.99	96	2119	0.964	ug/l #	77
27) cis-1,2-Dichloroethene	4.23	96	23459	9.467	ug/l	88
44) Trichloroethene	6.19	130	5878	2.164	ug/l	99
64) Tetrachloroethene	8.23	164	14601	5.958	ug/l	96
95) Naphthalene	13.75	128	3070	1.492	ug/l #	86

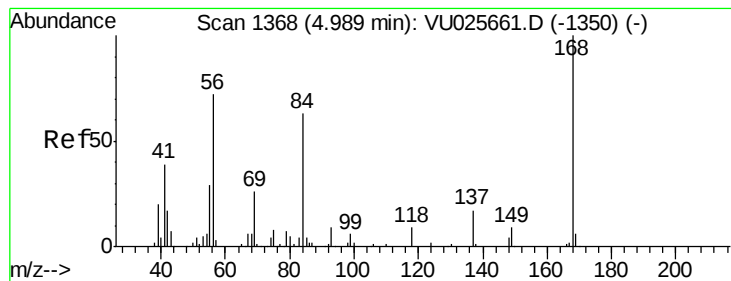
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025772.D
Acq On : 01 Aug 2018 13:17
Operator : MD/SY
Sample : J4048-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YT-MW-6

Quant Time: Aug 02 04:20:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

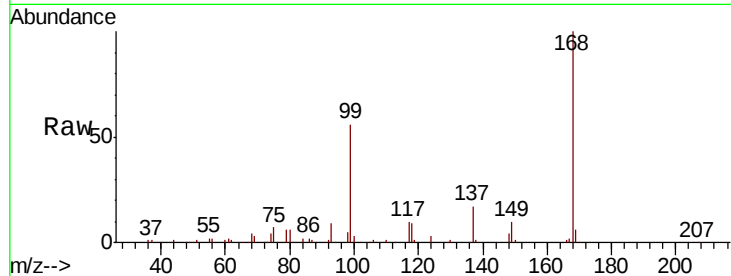
YT-MW-6

Tot Ion:168 Resp: 177083

Ion Ratio Lower Upper

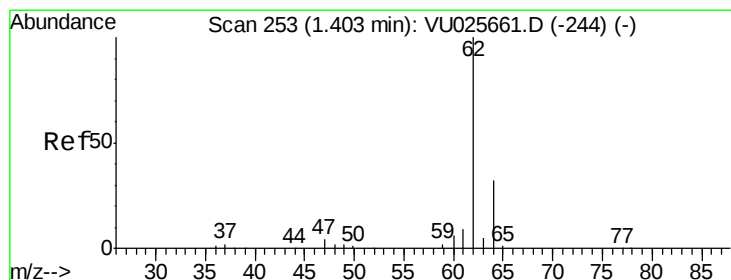
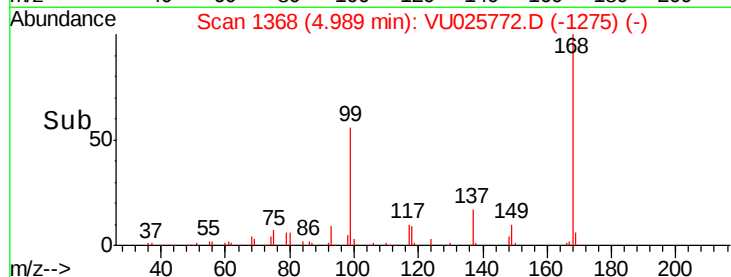
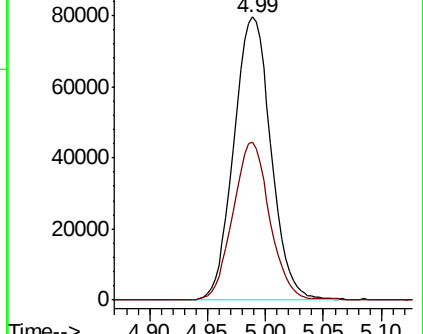
168 100

99 56.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#4

Vinyl Chloride

Concen: 0.935 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025772.D

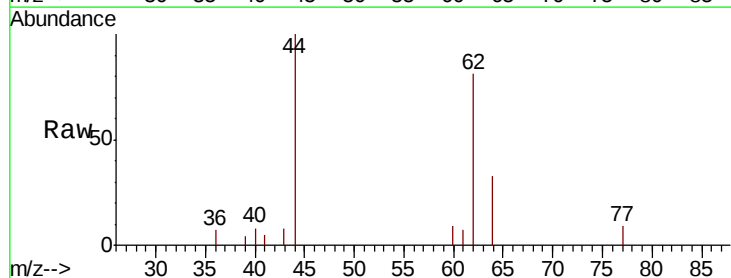
Acq: 01 Aug 2018 13:17

Tgt Ion: 62 Resp: 2252

Ion Ratio Lower Upper

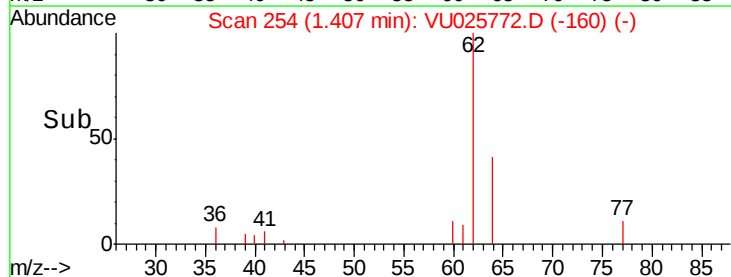
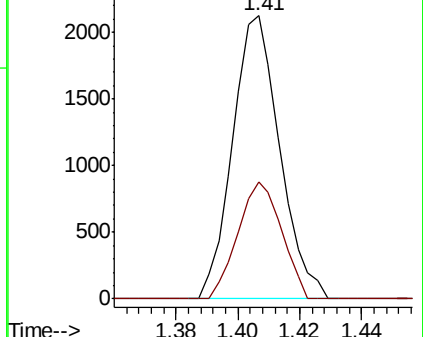
62 100

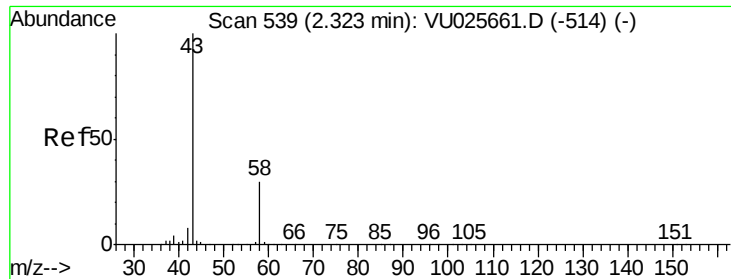
64 41.2 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VU025661.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025661.D (-244) (-)





#16

Acetone

Concen: 4.657 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

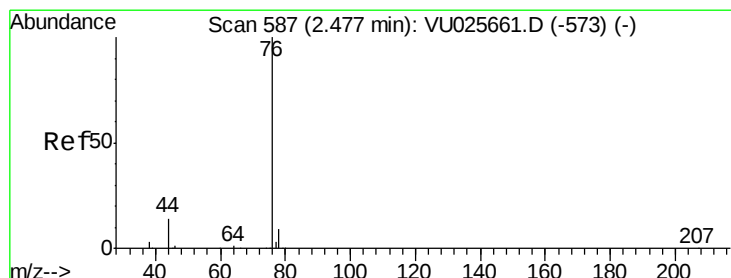
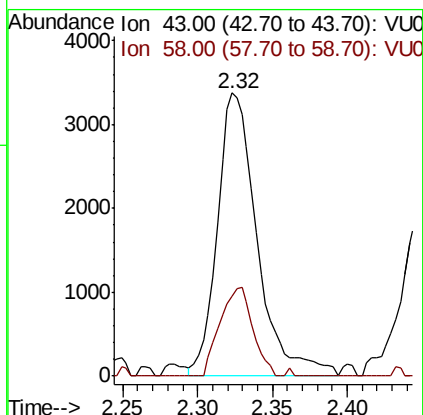
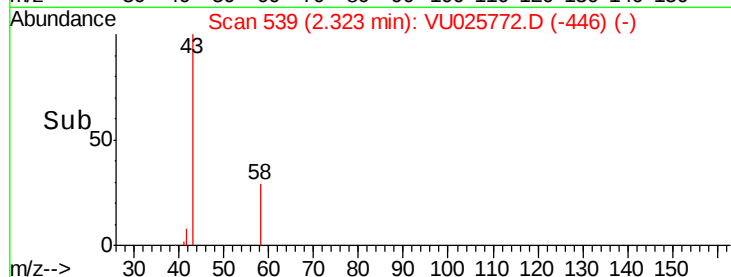
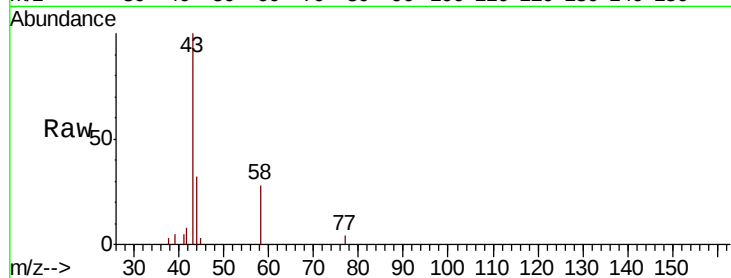
YT-MW-6

Tot Ion: 43 Resp: 6265

Ion Ratio Lower Upper

43 100

58 28.1 23.1 34.7



#17

Carbon Disulfide

Concen: 0.334 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025772.D

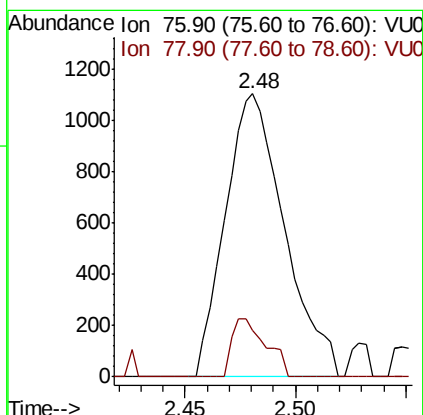
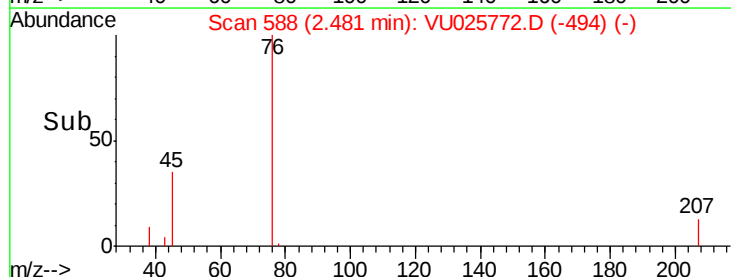
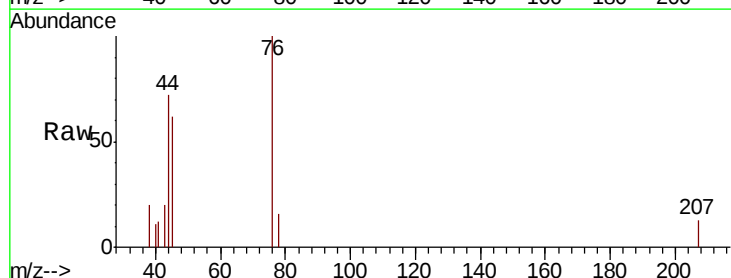
Acq: 01 Aug 2018 13:17

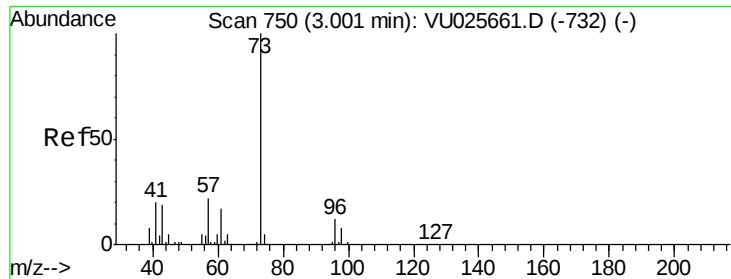
Tgt Ion: 76 Resp: 2057

Ion Ratio Lower Upper

76 100

78 16.5 7.4 11.2#

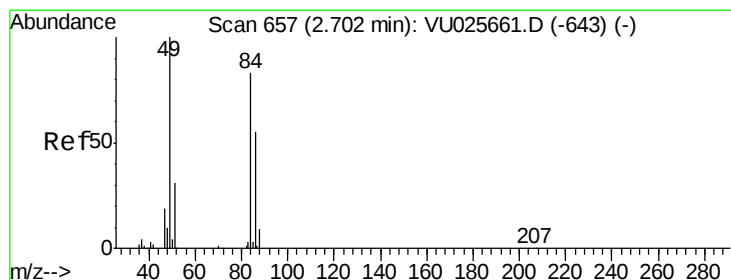
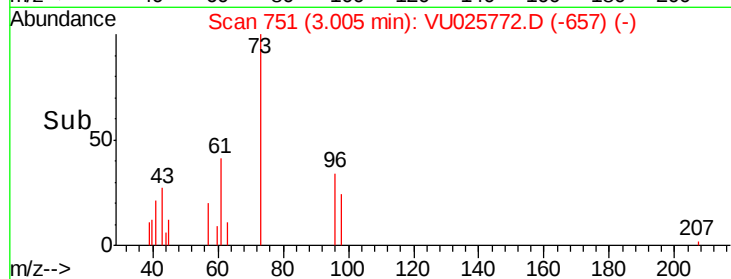
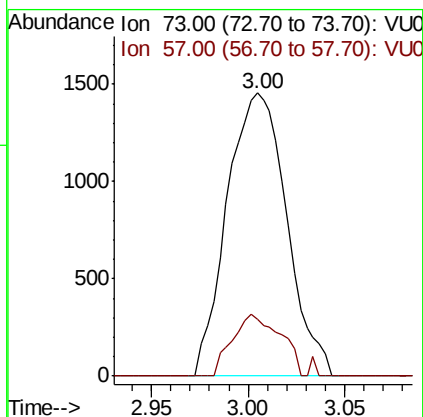
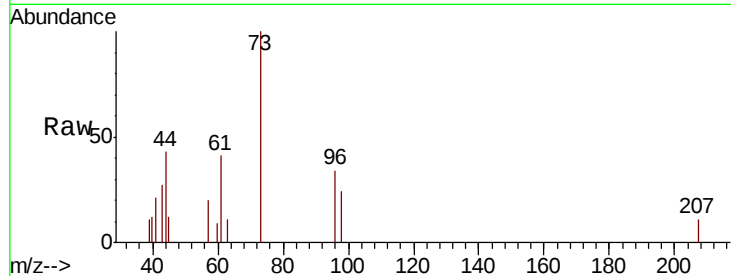




#19
Methvl tert-butvl Ether
Concen: 0.452 ug/l
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU025772.D
Acq: 01 Aug 2018 13:17

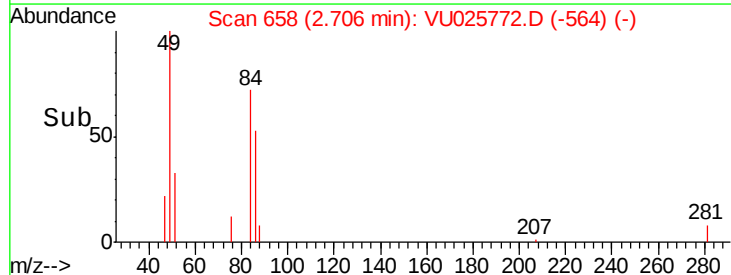
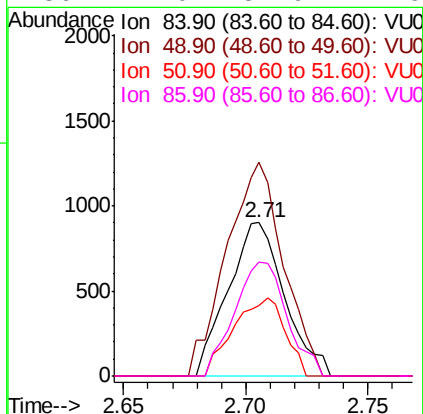
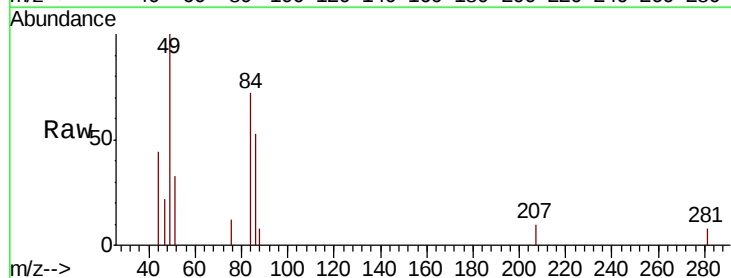
Instrument :
MSVOA_U
ClientSampleId :
YT-MW-6

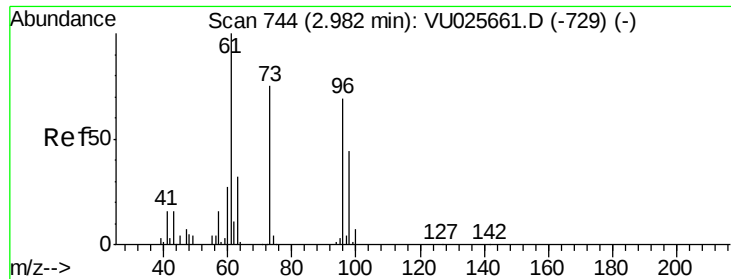
Tot Ion: 73 Resp: 3113
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.2



#20
Methylene Chloride
Concen: 0.605 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025772.D
Acq: 01 Aug 2018 13:17

Tgt Ion: 84 Resp: 1442
Ion Ratio Lower Upper
84 100
49 139.4 101.8 152.6
51 45.8 30.8 46.2
86 74.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 0.964 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.01 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

YT-MW-6

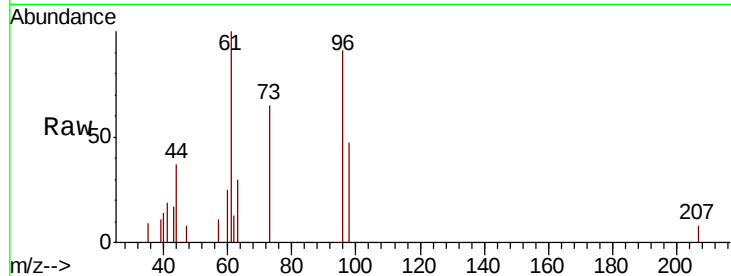
Tot Ion: 96 Resp: 2119

Ion Ratio Lower Upper

96 100

61 110.5 114.5 171.7#

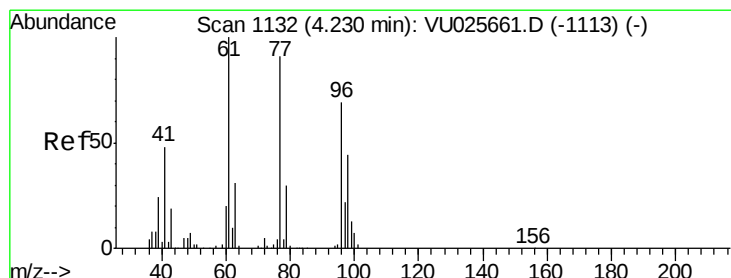
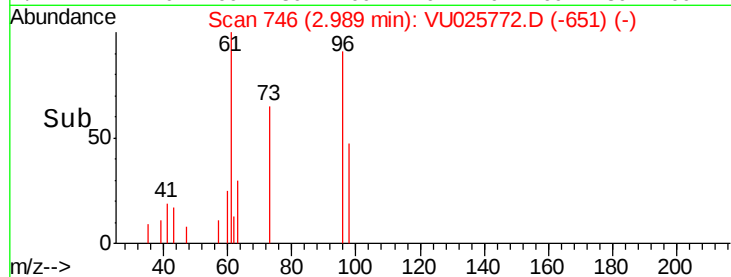
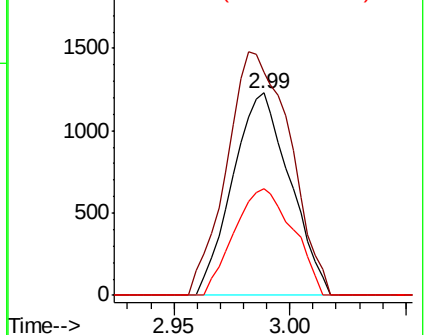
98 52.5 50.5 75.7



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



#27

cis-1,2-Dichloroethene

Concen: 9.467 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

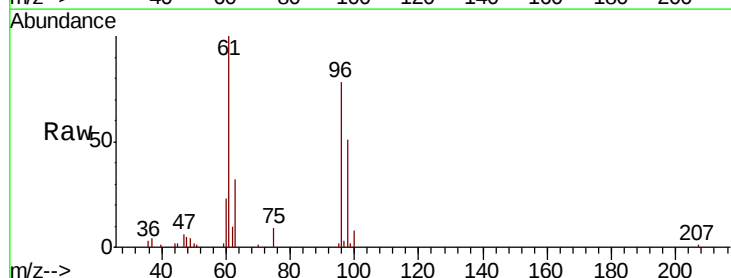
Tgt Ion: 96 Resp: 23459

Ion Ratio Lower Upper

96 100

61 128.5 0.0 299.8

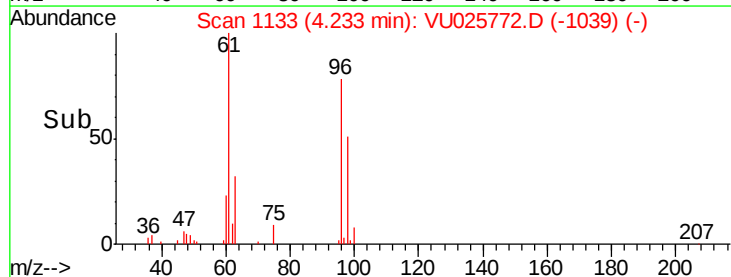
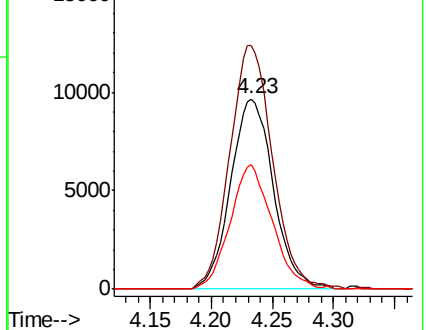
98 64.8 0.0 128.6

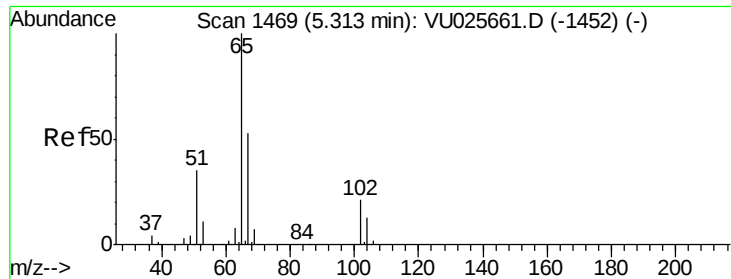


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

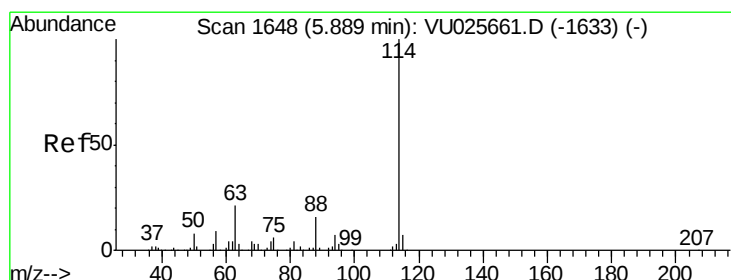
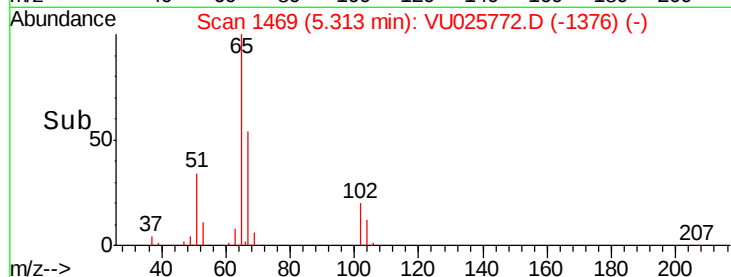
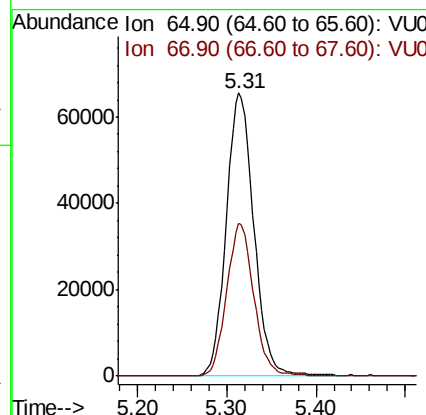
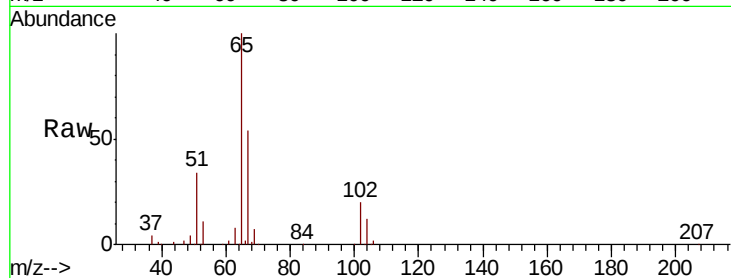




#33
 1,2-Dichloroethane-d4
 Concen: 50.877 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025772.D
 Acq: 01 Aug 2018 13:17

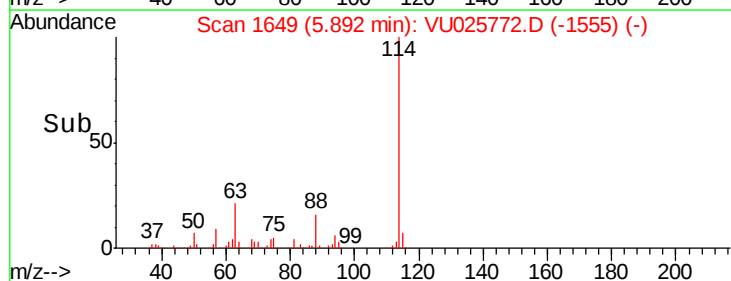
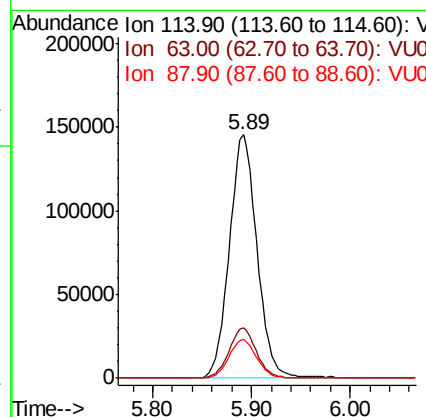
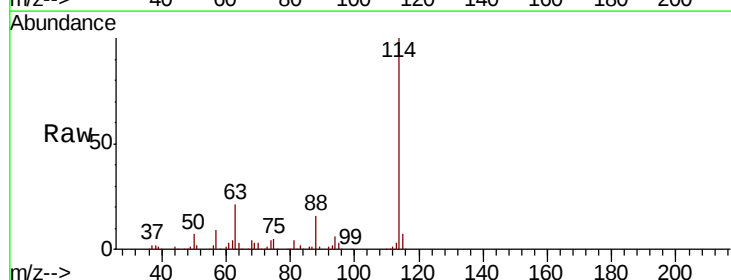
Instrument :
 MSVOA_U
 ClientSampleId :
 YT-MW-6

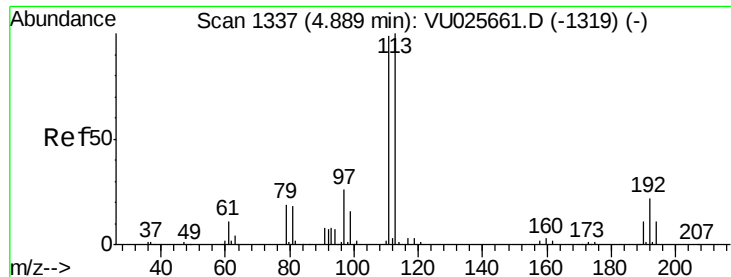
Tot Ion: 65 Resp: 140377
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025772.D
 Acq: 01 Aug 2018 13:17

Tgt Ion: 114 Resp: 285544
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 15.8 0.0 32.4

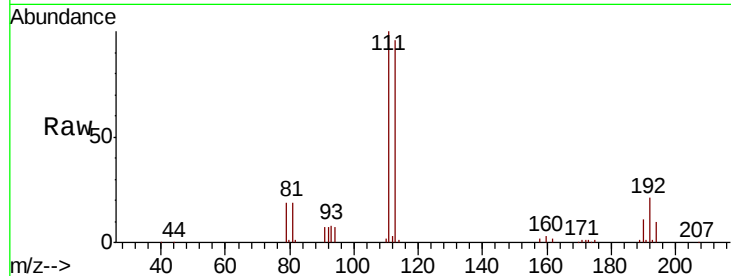




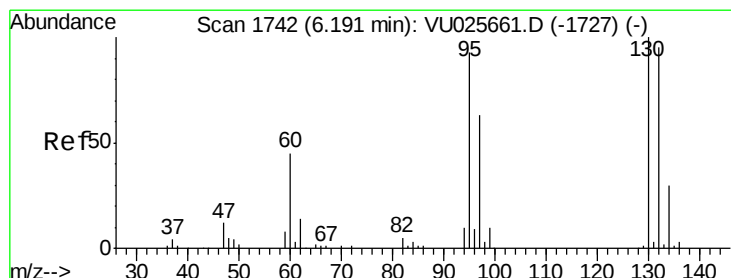
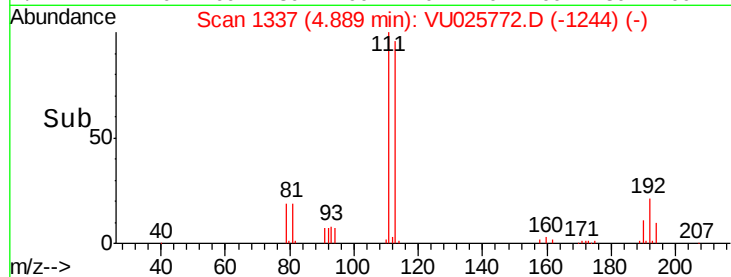
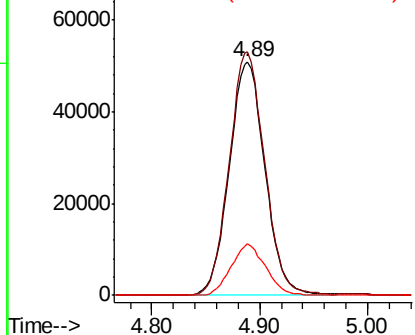
#35
 Dibromofluoromethane
 Concen: 47.324 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025772.D
 Acq: 01 Aug 2018 13:17

Instrument :
 MSVOA_U
 ClientSampleId :
 YT-MW-6

Tot Ion:113 Resp: 117531
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 21.3 17.1 25.7

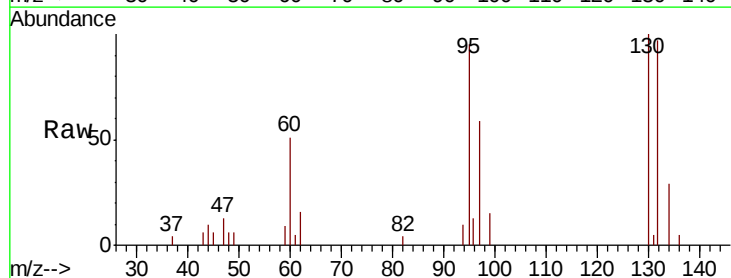


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

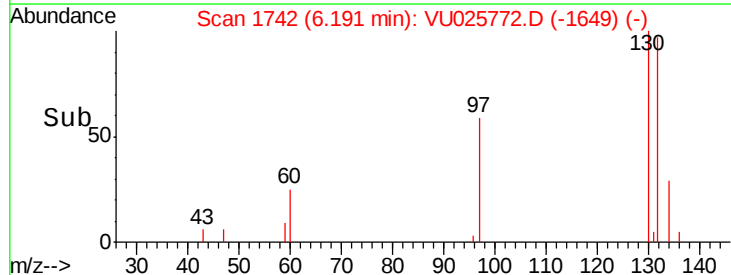
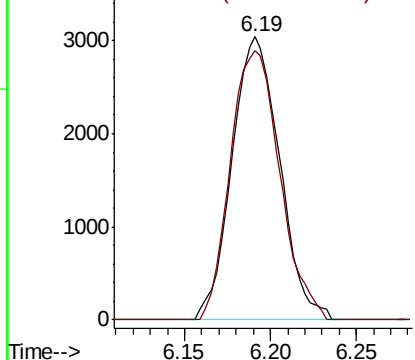


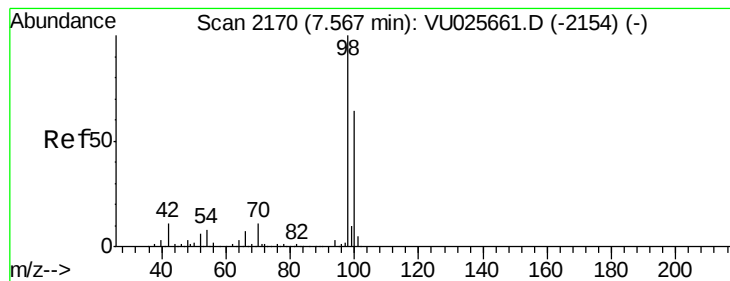
#44
 Trichloroethene
 Concen: 2.164 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025772.D
 Acq: 01 Aug 2018 13:17

Tgt Ion:130 Resp: 5878
 Ion Ratio Lower Upper
 130 100
 95 95.2 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: 47.921 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

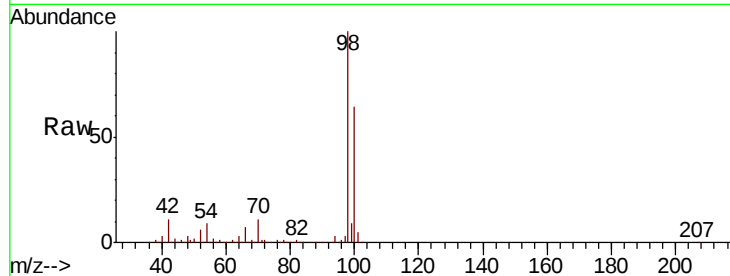
YT-MW-6

Tot Ion: 98 Resp: 416470

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025661.D (-2154) (-)

Ion 100.00 (99.70 to 100.70): VU025661.D (-2154) (-)

7.57

250000

200000

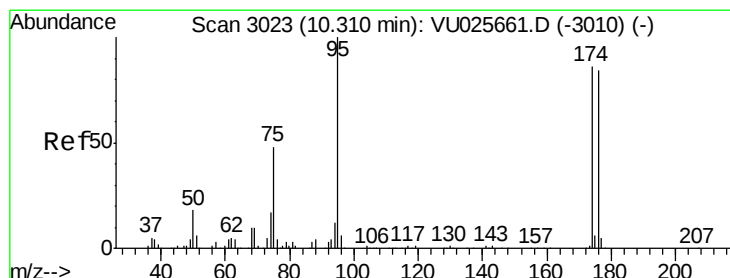
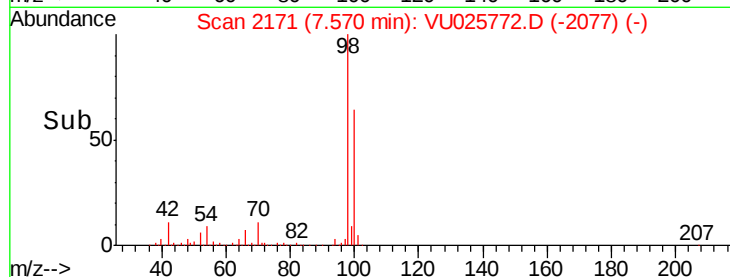
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.411 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

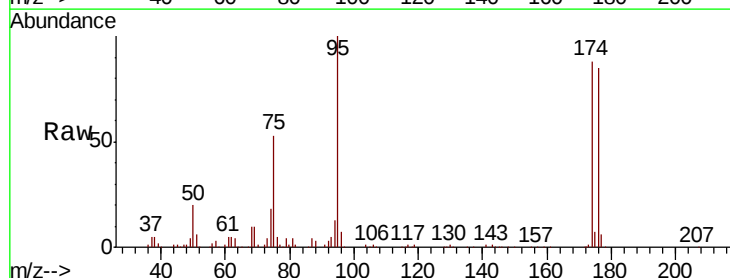
Tgt Ion: 95 Resp: 159928

Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.2

176 83.6 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)

10.31

120000

100000

80000

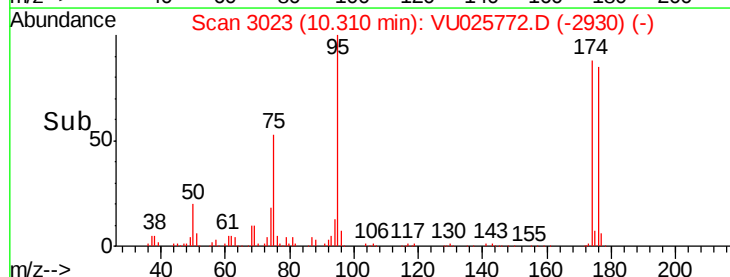
60000

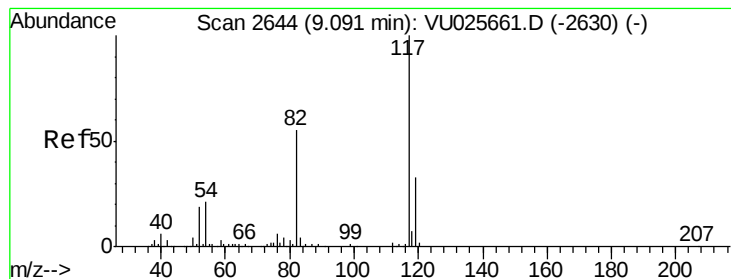
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

YT-MW-6

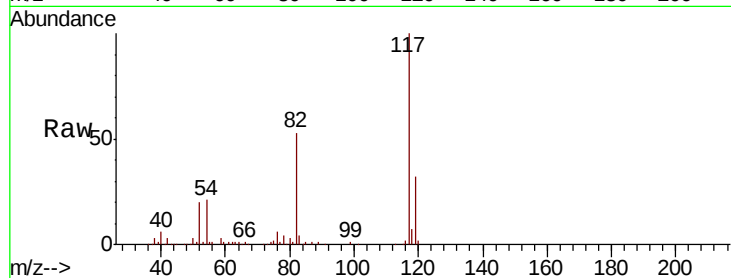
Tot Ion:117 Resp: 278428

Ion Ratio Lower Upper

117 100

82 53.1 46.0 69.0

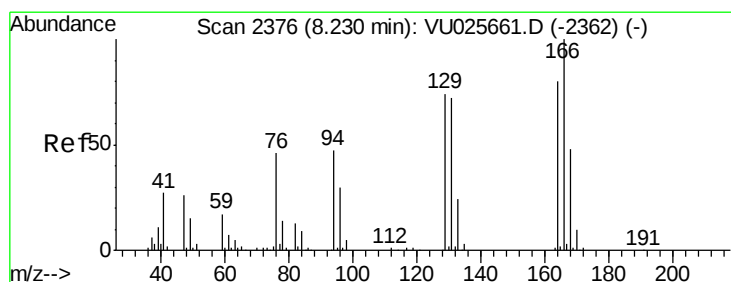
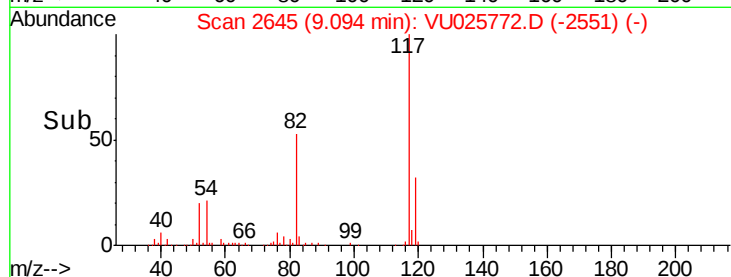
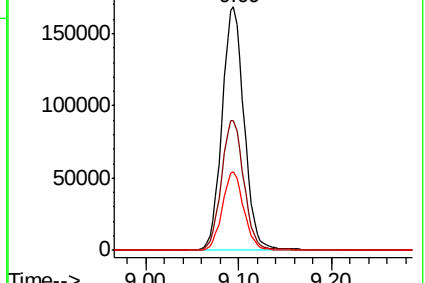
119 32.4 26.0 39.0



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: 5.958 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Tgt Ion:164 Resp: 14601

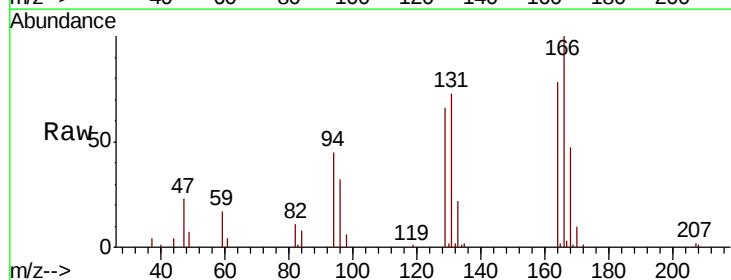
Ion Ratio Lower Upper

164 100

166 128.2 101.1 151.7

129 84.7 73.0 109.6

131 94.0 72.1 108.1

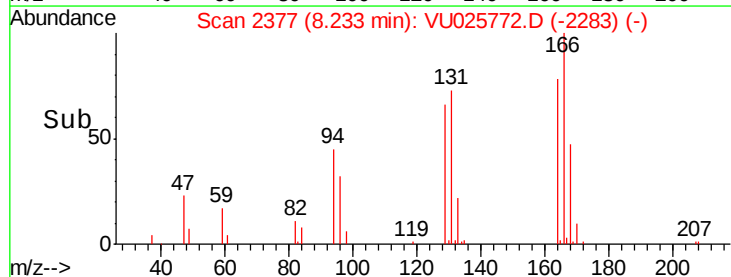
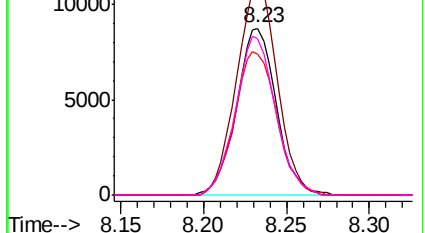


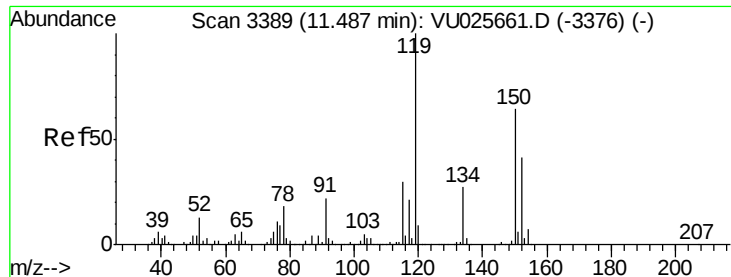
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

YT-MW-6

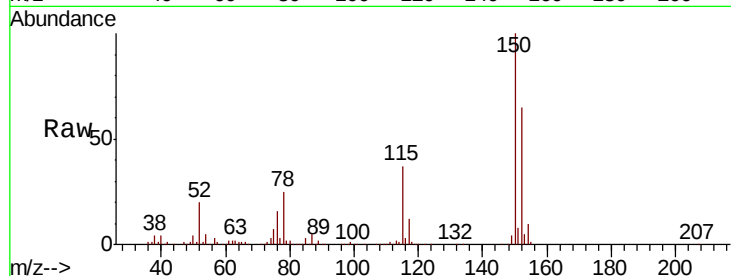
Tot Ion:152 Resp: 166929

Ion Ratio Lower Upper

152 100

115 56.2 40.1 120.3

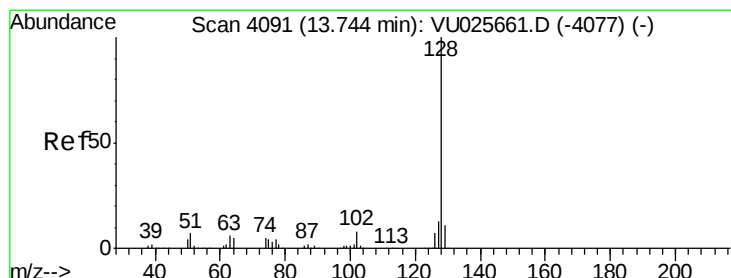
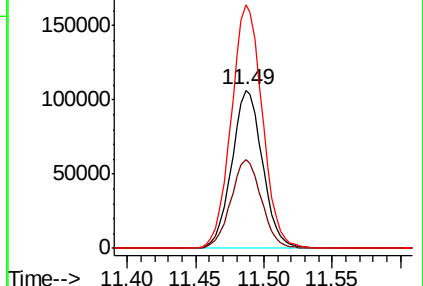
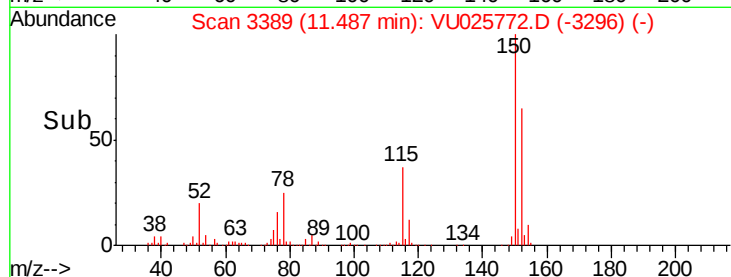
150 155.8 0.0 351.4



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



#95

Naphthalene

Concen: 1.492 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU025772.D

Acq: 01 Aug 2018 13:17

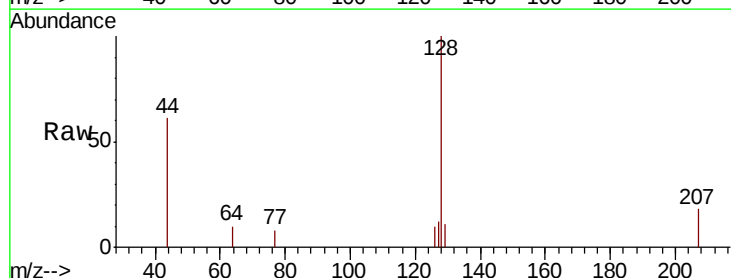
Tgt Ion:128 Resp: 3070

Ion Ratio Lower Upper

128 100

127 7.4 10.5 15.7#

129 5.1 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

