

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025174.D
 Acq On : 03 Jul 2018 05:03
 Operator : MD/SY
 Sample : J3809-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8S-062818

Quant Time: Jul 03 08:03:38 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	207048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306824	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146205	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	153559	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.86%		
35) Dibromofluoromethane	4.89	113	117757	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.48%		
50) Toluene-d8	7.57	98	439606	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.66%		
62) 4-Bromofluorobenzene	10.31	95	162530	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.14%		

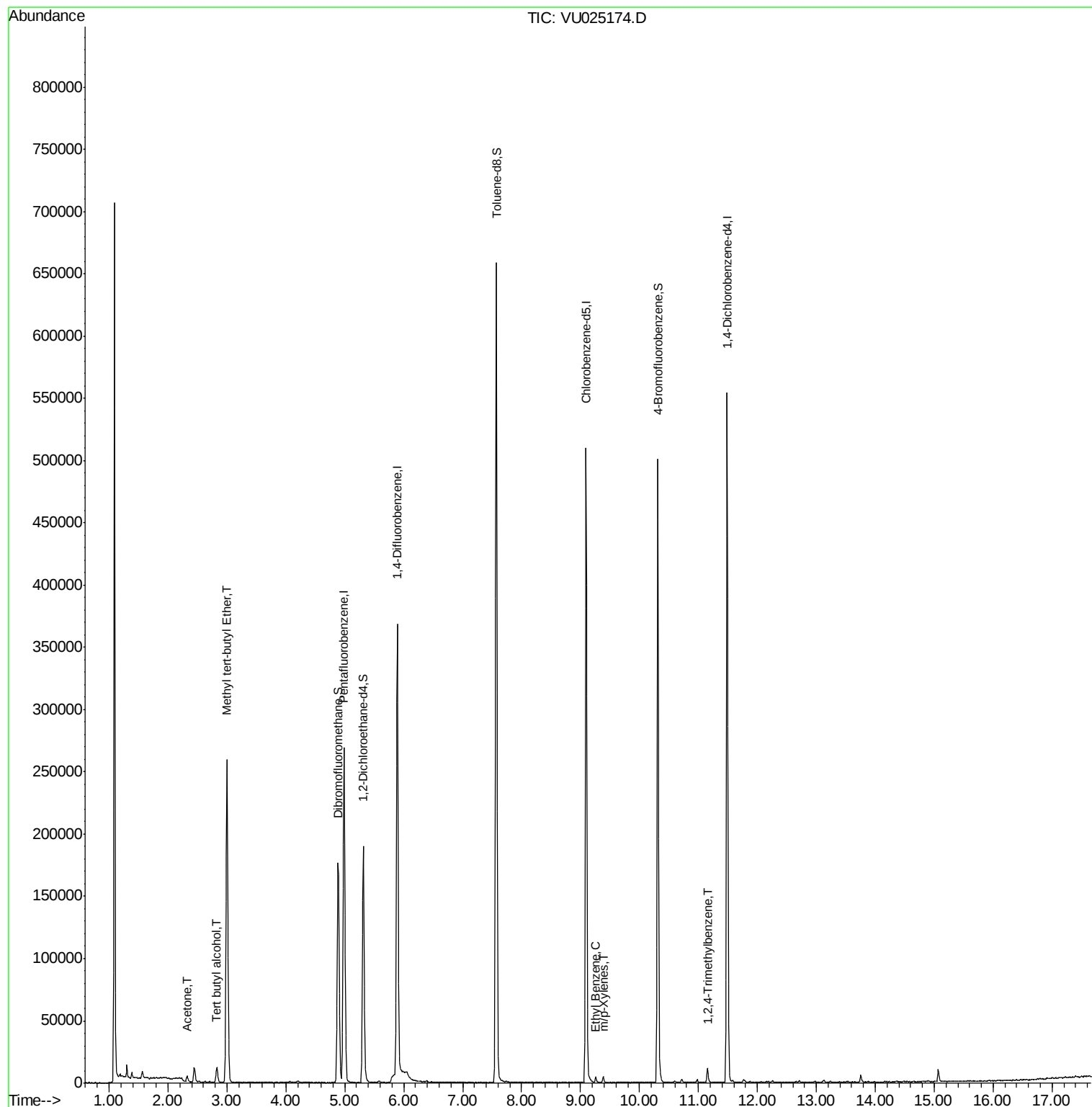
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	15068	18.33	ug/l	# 72
16) Acetone	2.32	43	5486	3.02	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	274133	30.93	ug/l	97
67) Ethyl Benzene	9.26	91	4068	0.32	ug/l	98
68) m/p-Xylenes	9.39	106	1574	0.32	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	7011	0.71	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025174.D
Acq On : 03 Jul 2018 05:03
Operator : MD/SY
Sample : J3809-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-8S-062818

Quant Time: Jul 03 08:03:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025174.D

Acq: 03 Jul 2018 05:03

Instrument :

MSVOA_U

ClientSampleId :

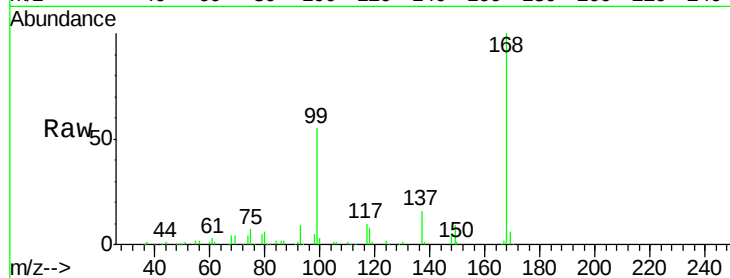
MW-8S-062818

Tot Ion:168 Resp: 207048

Ion Ratio Lower Upper

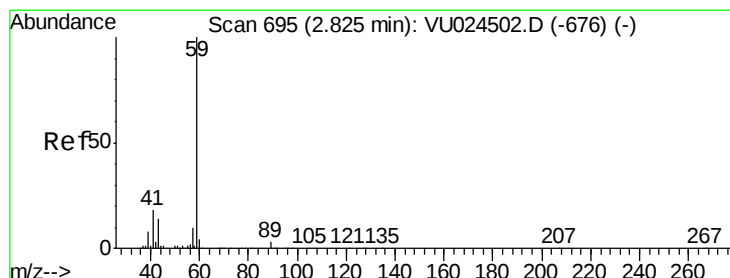
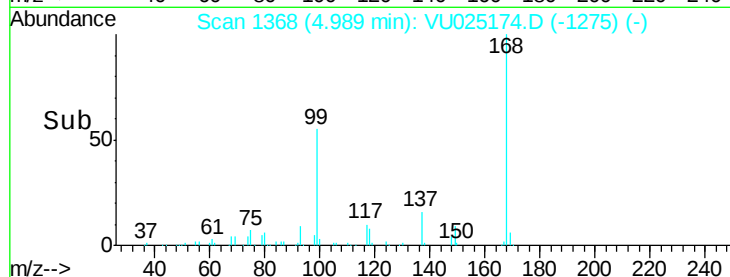
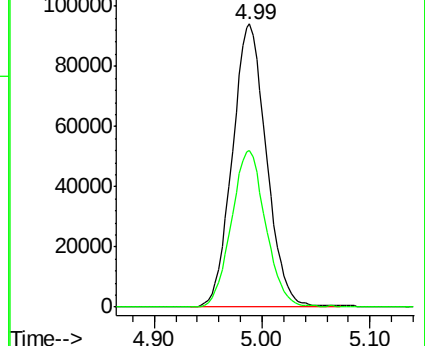
168 100

99 55.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025174.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025174.D (-1275) (-)



#11

Tert butyl alcohol

Concen: 18.33 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025174.D

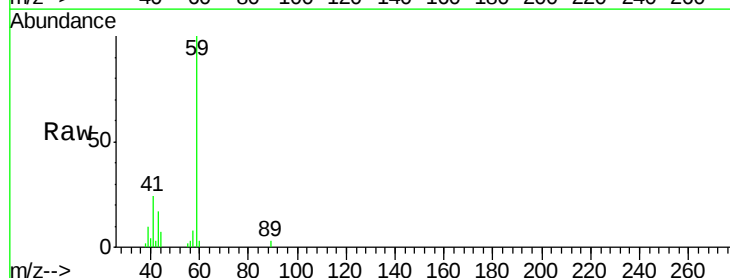
Acq: 03 Jul 2018 05:03

Tgt Ion: 59 Resp: 15068

Ion Ratio Lower Upper

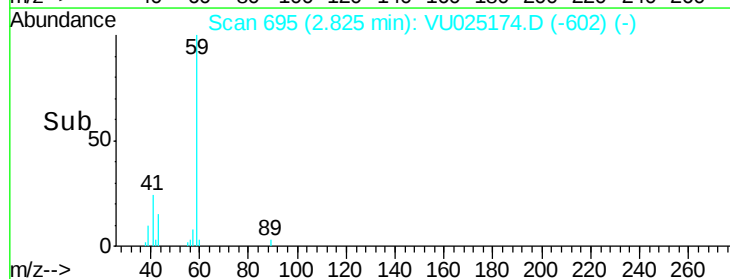
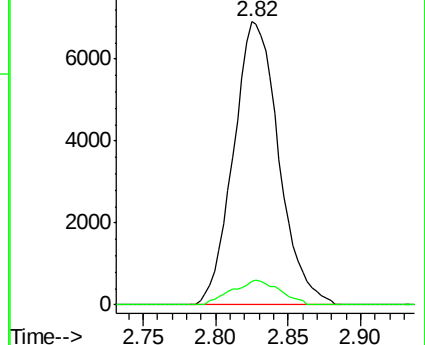
59 100

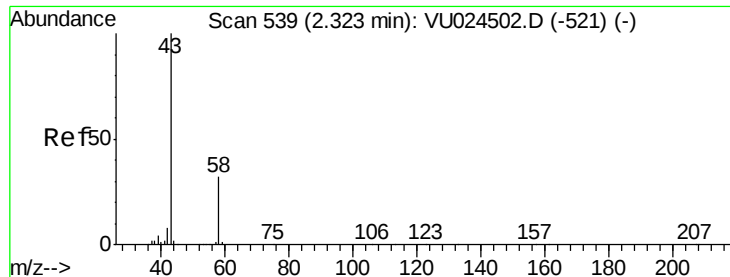
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU025174.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU025174.D (-602) (-)





#16

Acetone

Concen: 3.02 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025174.D

Acq: 03 Jul 2018 05:03

Instrument :

MSVOA_U

ClientSampleId :

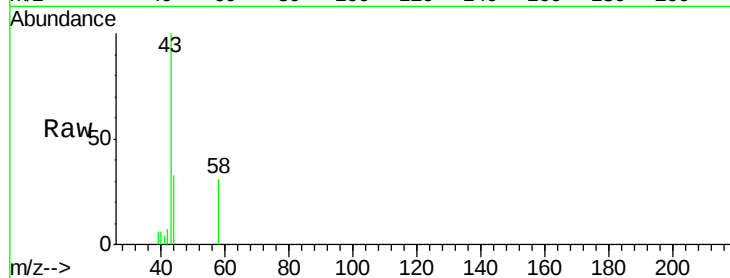
MW-8S-062818

Tot Ion: 43 Resp: 5486

Ion Ratio Lower Upper

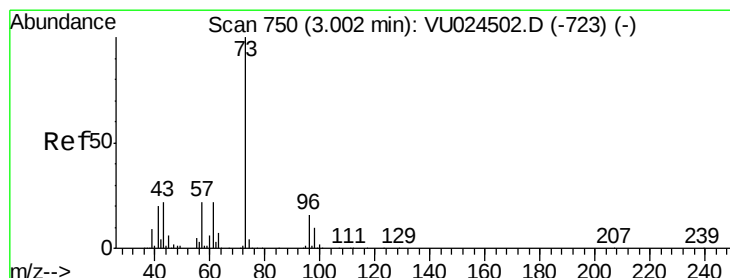
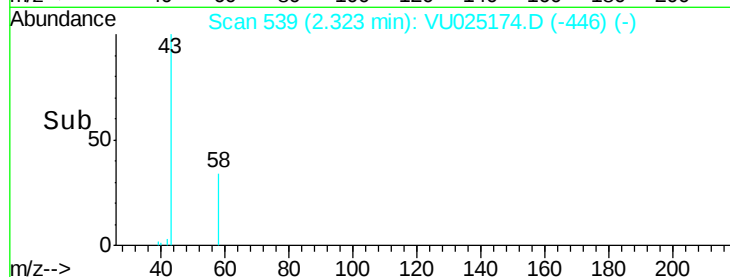
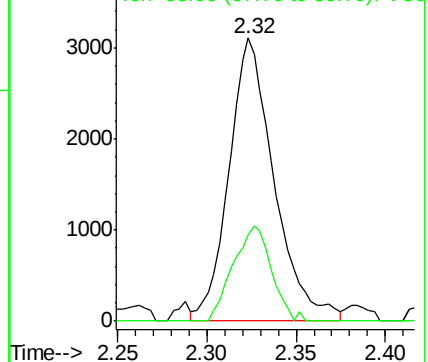
43 100

58 31.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#19

Methyl tert-butyl Ether

Concen: 30.93 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU025174.D

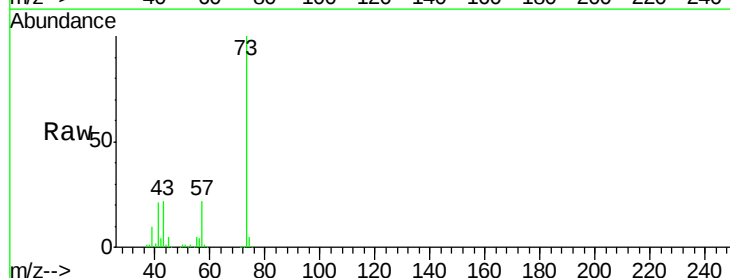
Acq: 03 Jul 2018 05:03

Tgt Ion: 73 Resp: 274133

Ion Ratio Lower Upper

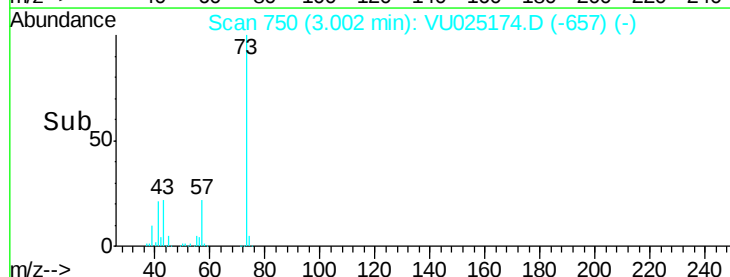
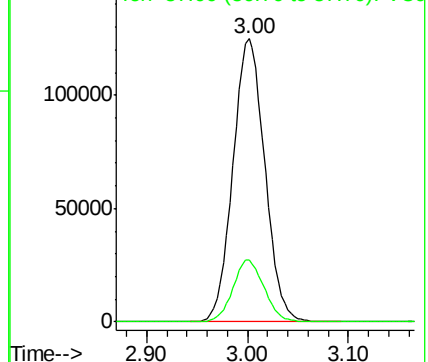
73 100

57 22.0 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

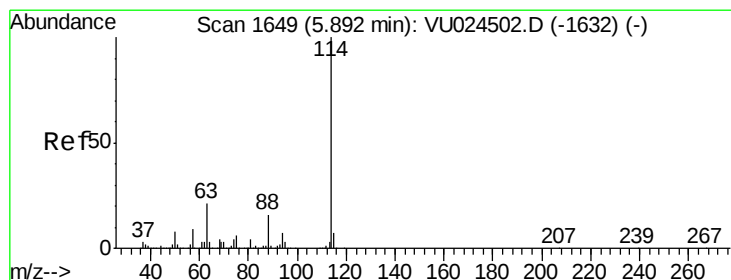
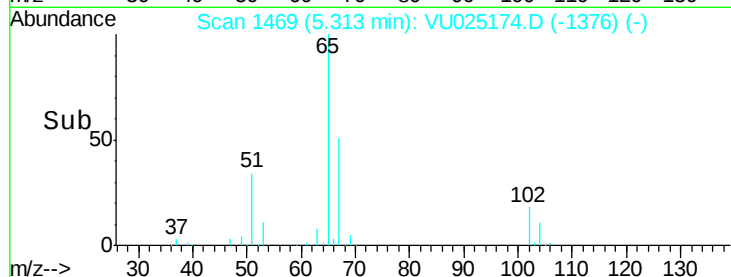
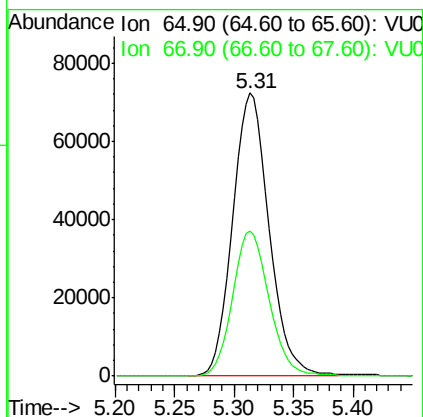
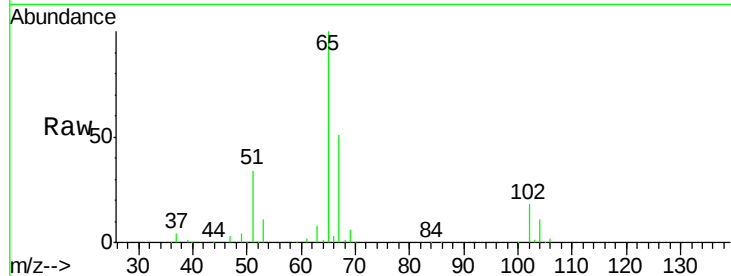




#33
 1,2-Dichloroethane-d4
 Concen: 45.43 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025174.D
 Acq: 03 Jul 2018 05:03

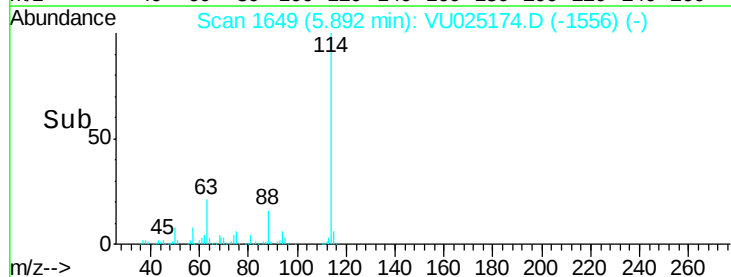
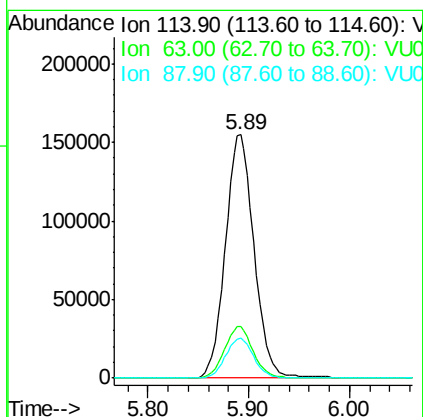
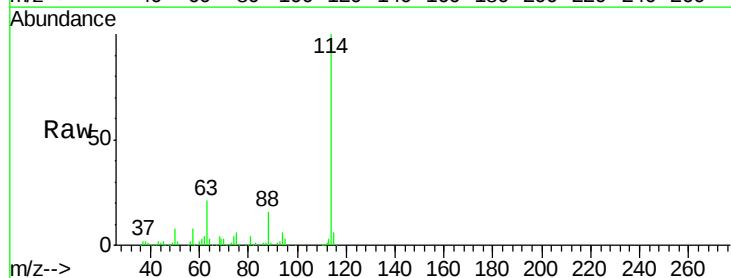
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8S-062818

Tot Ion: 65 Resp: 153559
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VU025174.D
 Acq: 03 Jul 2018 05:03

Tgt Ion: 114 Resp: 306824
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.3 0.0 31.0

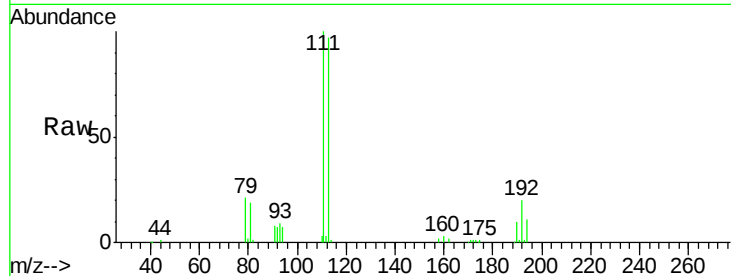




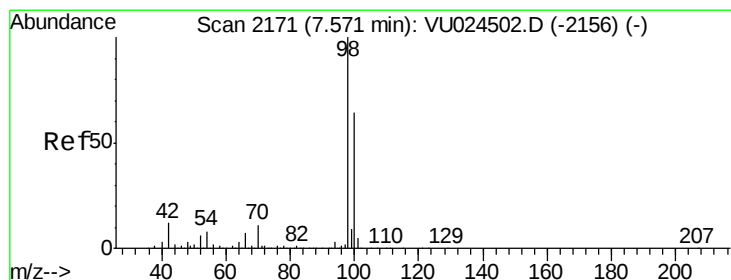
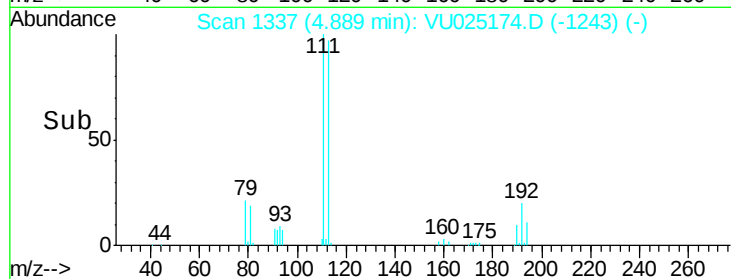
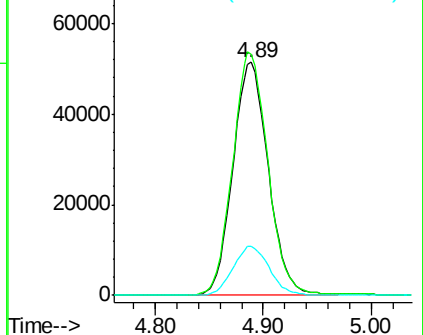
#35
 Dibromofluoromethane
 Concen: 46.24 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025174.D
 Acq: 03 Jul 2018 05:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8S-062818

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	21.5	16.2	24.4

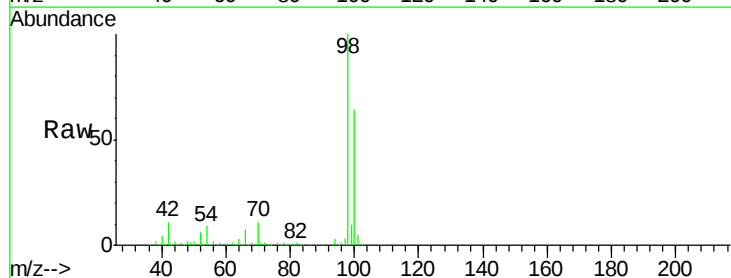


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

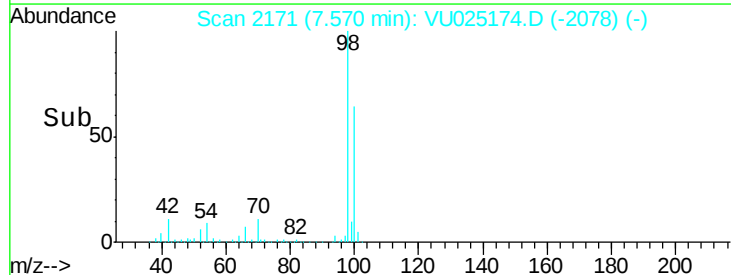
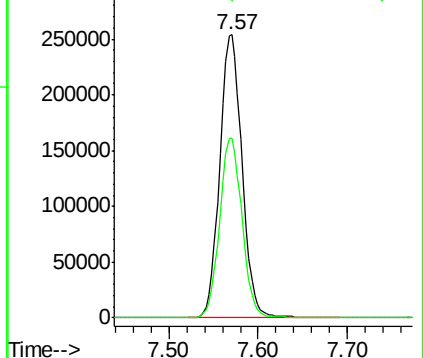


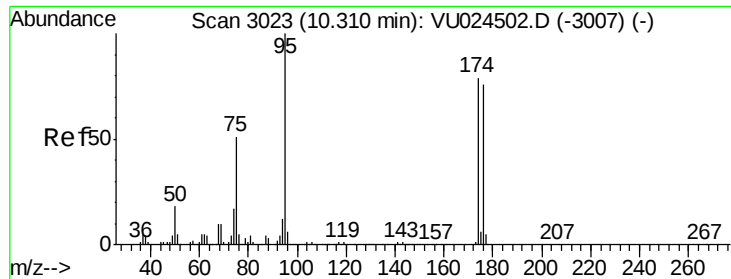
#50
 Toluene-d8
 Concen: 47.33 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025174.D
 Acq: 03 Jul 2018 05:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

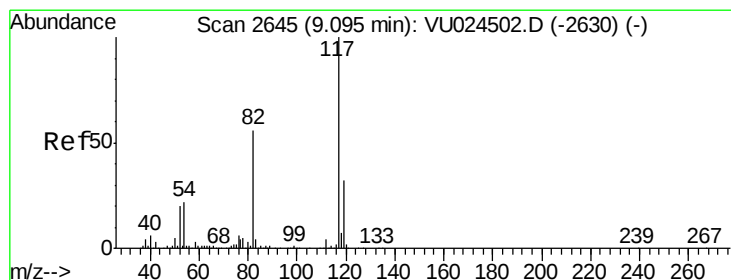
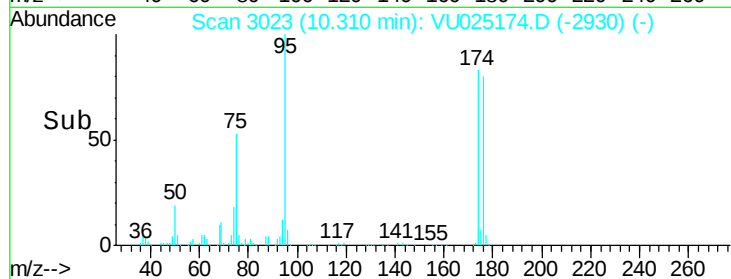
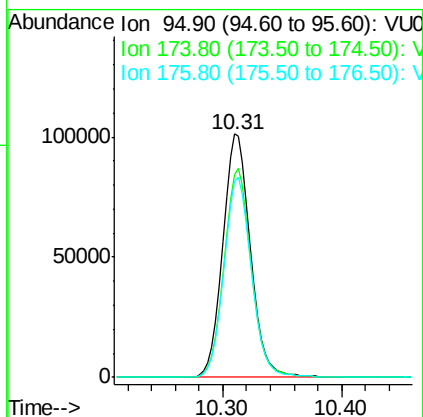
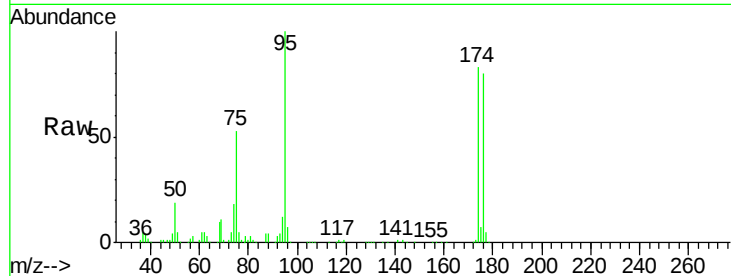




#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025174.D
Acq: 03 Jul 2018 05:03

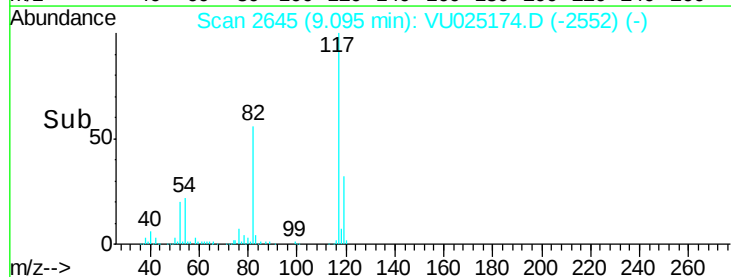
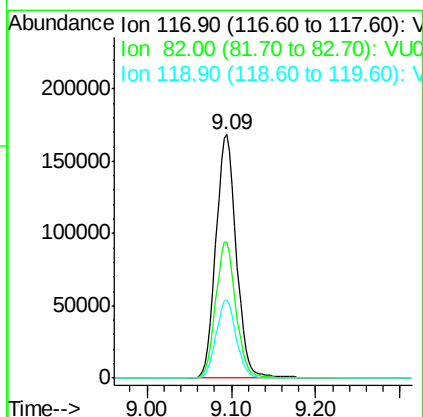
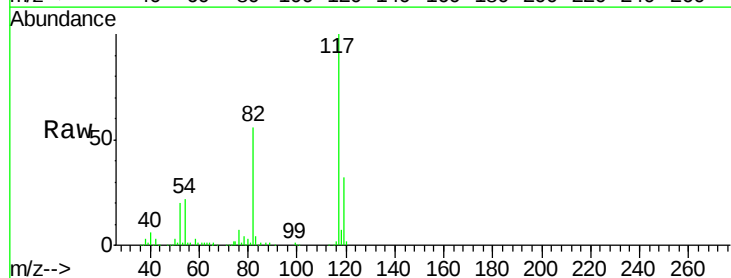
Instrument :
MSVOA_U
ClientSampleId :
MW-8S-062818

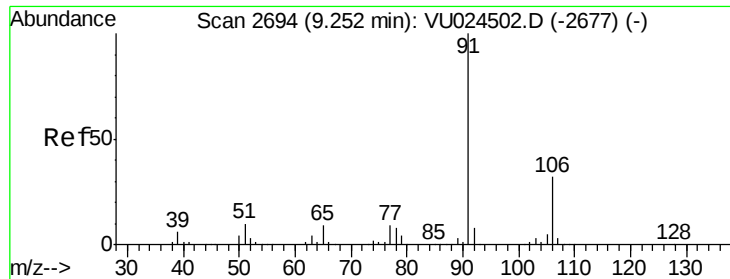
Tot Ion	95	Resp	162530
Ion Ratio	100		
Lower		0.0	165.8
Upper		0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025174.D
Acq: 03 Jul 2018 05:03

Tgt Ion	117	Resp	284327
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		44.3	66.5
Upper		25.4	38.2

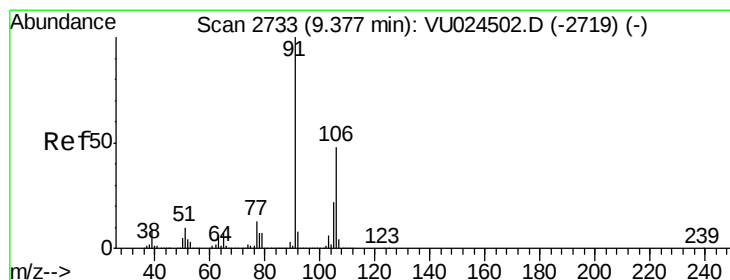
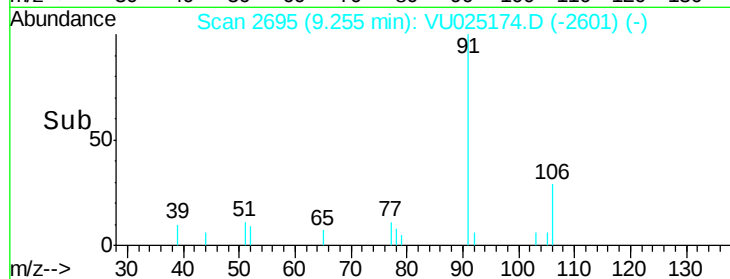
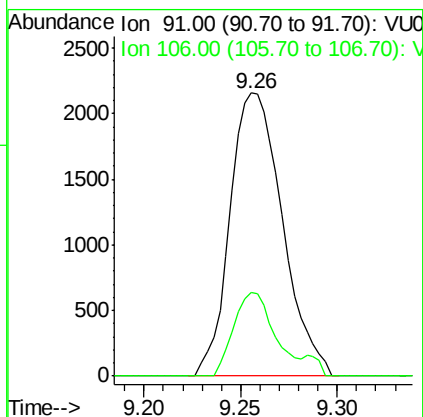
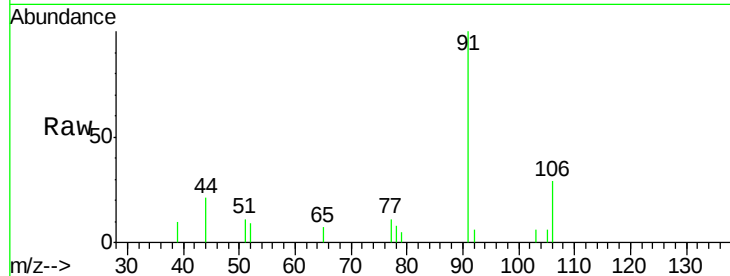




#67
Ethyl Benzene
Concen: 0.32 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025174.D
Acq: 03 Jul 2018 05:03

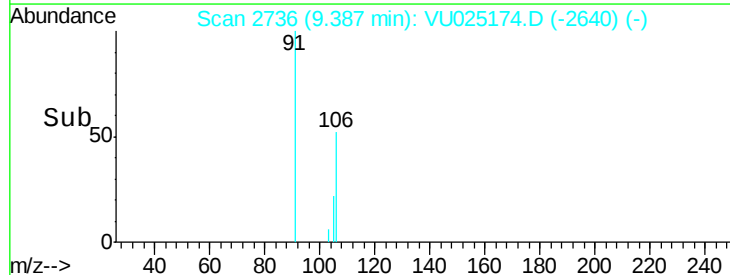
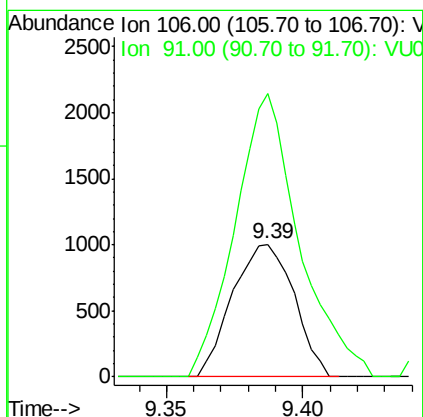
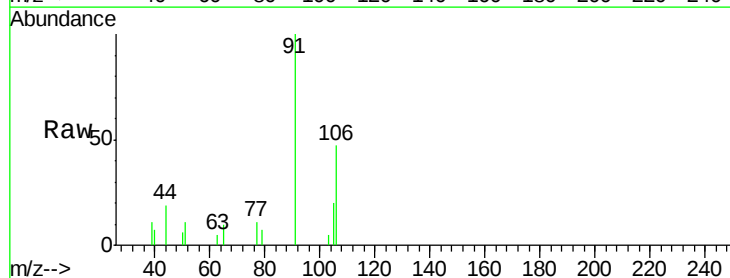
Instrument :
MSVOA_U
ClientSampleId :
MW-8S-062818

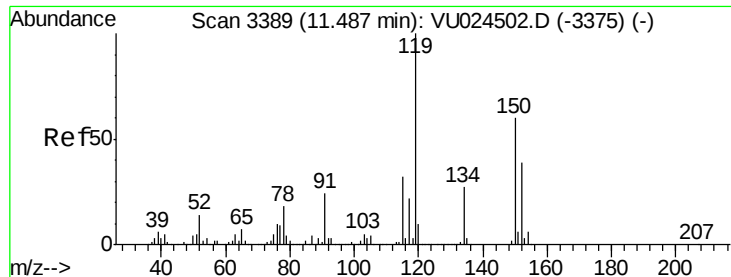
Tot Ion: 91 Resp: 4068
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4



#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 9.39 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VU025174.D
Acq: 03 Jul 2018 05:03

Tgt Ion: 106 Resp: 1574
Ion Ratio Lower Upper
106 100
91 221.9 166.5 249.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025174.D

Acq: 03 Jul 2018 05:03

Instrument :

MSVOA_U

ClientSampleId :

MW-8S-062818

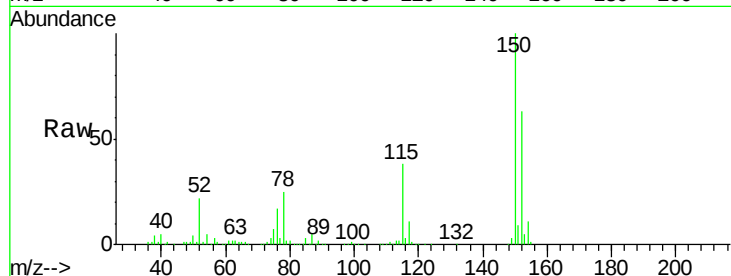
Tot Ion:152 Resp: 146205

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

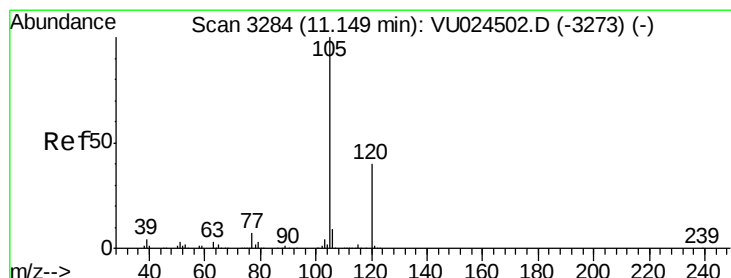
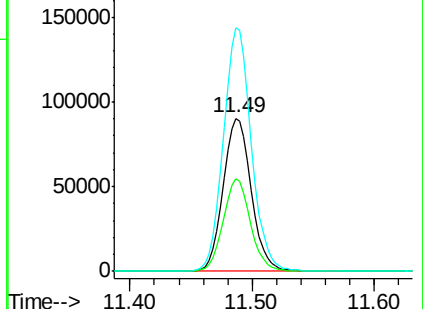
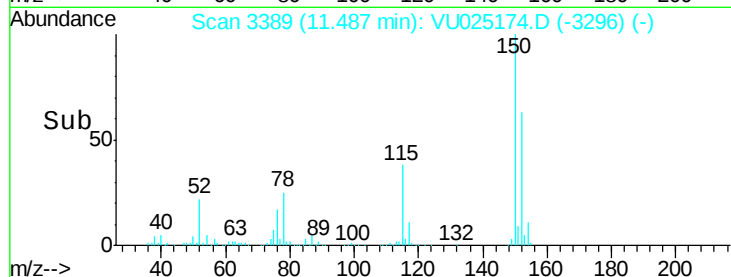
150 158.1 0.0 354.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.71 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025174.D

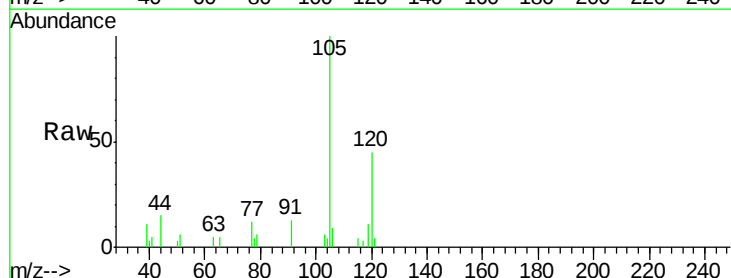
Acq: 03 Jul 2018 05:03

Tgt Ion:105 Resp: 7011

Ion Ratio Lower Upper

105 100

120 43.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

