

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025175.D
 Acq On : 03 Jul 2018 05:27
 Operator : MD/SY
 Sample : J3809-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8D-062818

Quant Time: Jul 03 08:04:56 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

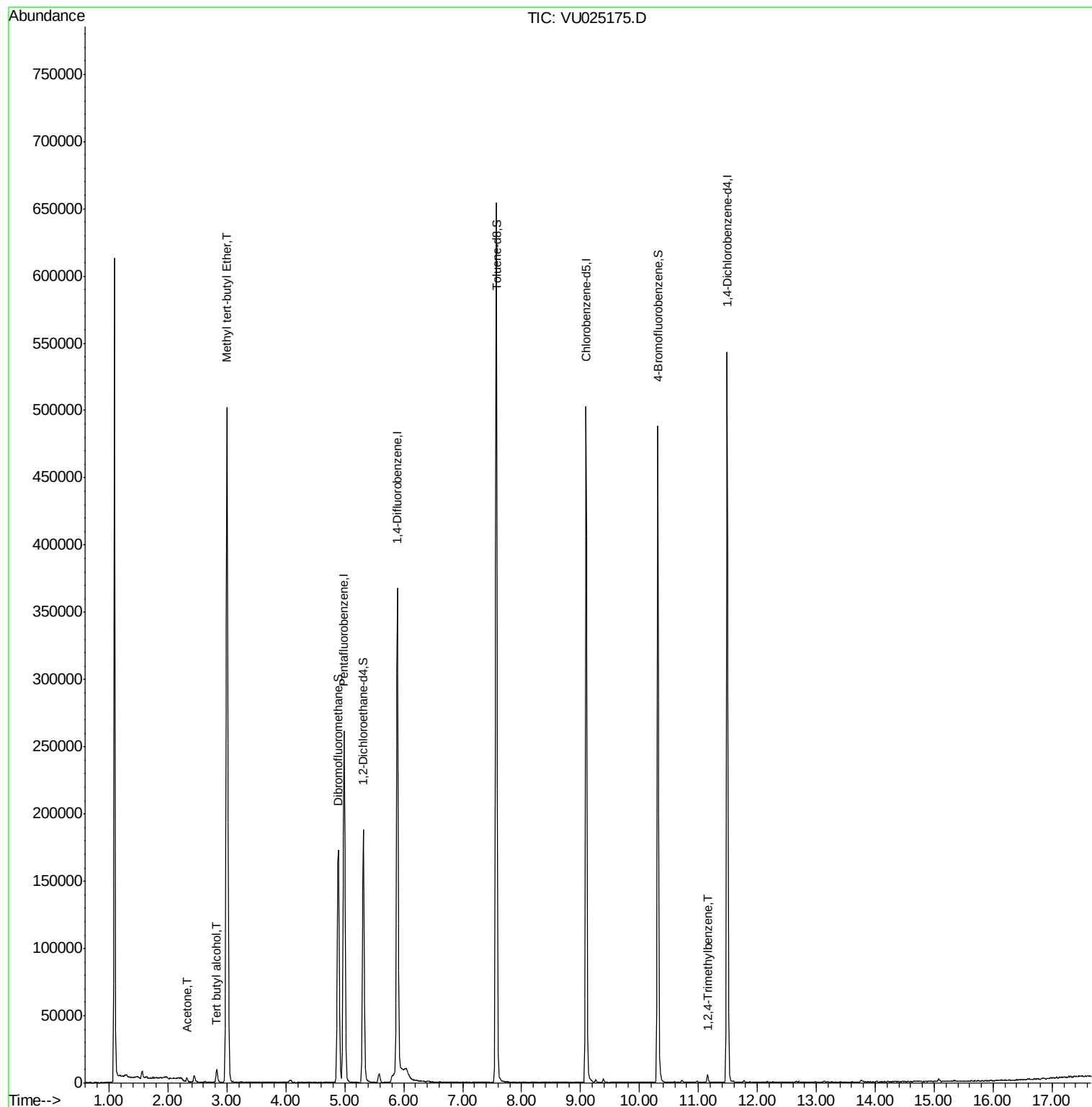
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303080	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152820	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	4.89	113	118438	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.57	98	433210	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	10.31	95	160312	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	10959	13.76	ug/l #	72
16) Acetone	2.32	43	3852	2.19	ug/l #	84
19) Methyl tert-butyl Ether	3.00	73	528380	61.55	ug/l	96
84) 1,2,4-Trimethylbenzene	11.16	105	3547	0.36	ug/l	96

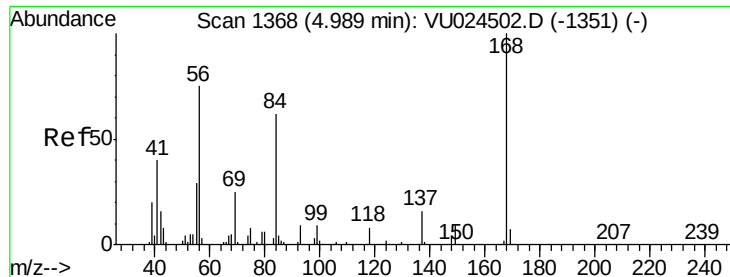
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025175.D

Acq: 03 Jul 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

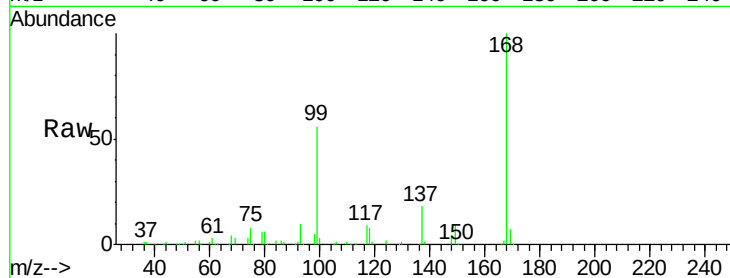
MW-8D-062818

Tot Ion:168 Resp: 200564

Ion Ratio Lower Upper

168 100

99 56.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

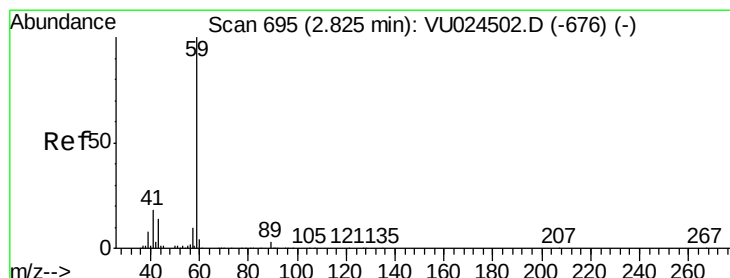
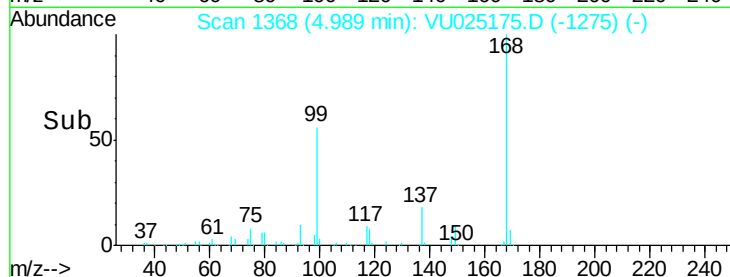
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.76 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025175.D

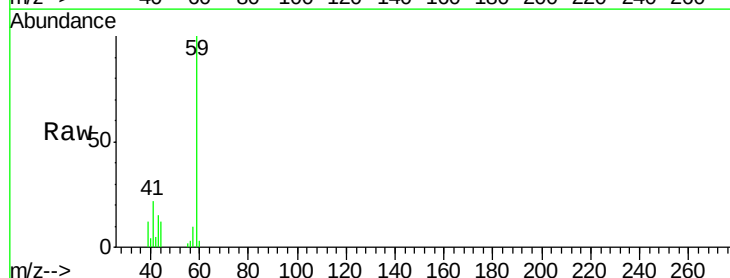
Acq: 03 Jul 2018 05:27

Tgt Ion: 59 Resp: 10959

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.82

6000

5000

4000

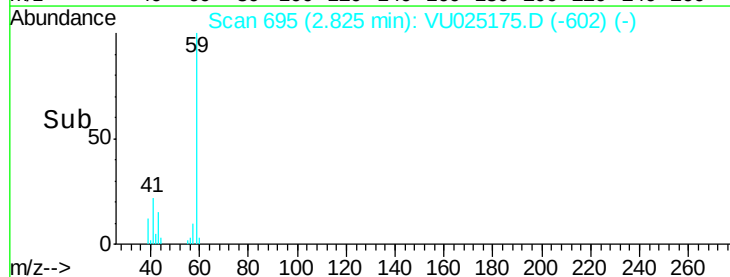
3000

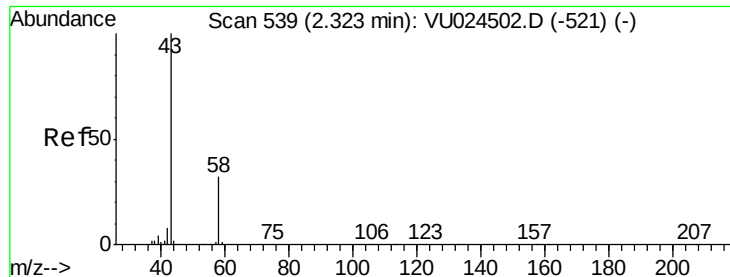
2000

1000

0

Time-->





#16

Acetone

Concen: 2.19 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025175.D

Acq: 03 Jul 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

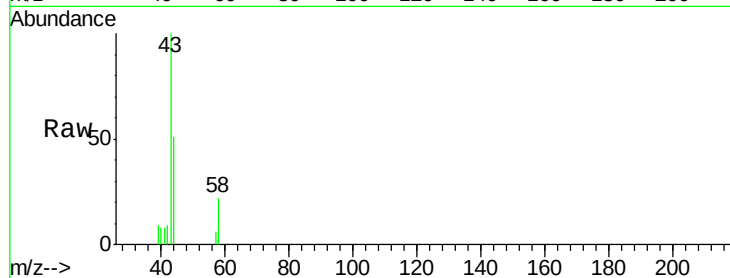
MW-8D-062818

Tot Ion: 43 Resp: 3852

Ion Ratio Lower Upper

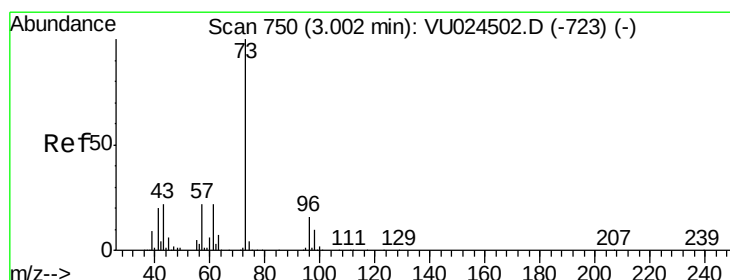
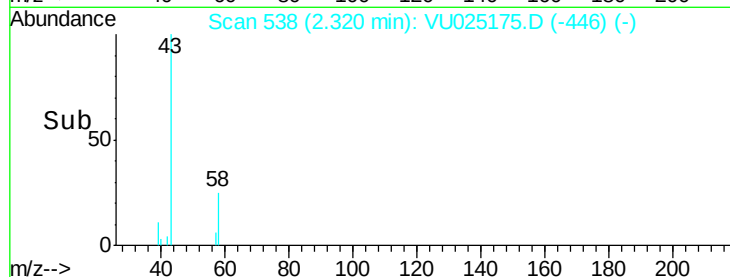
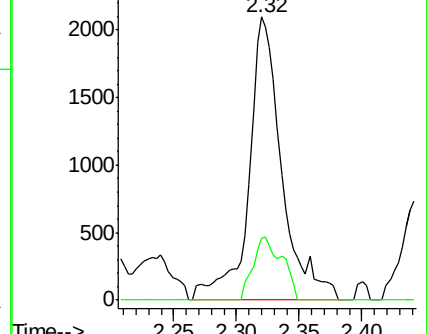
43 100

58 21.8 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: 61.55 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU025175.D

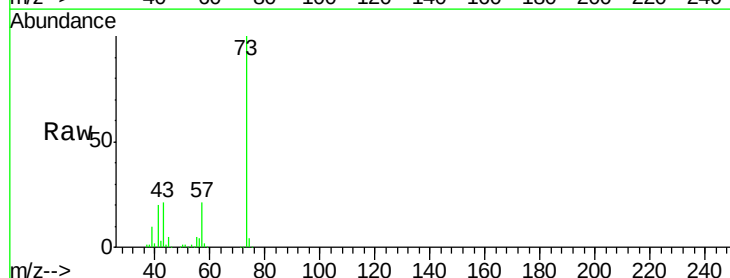
Acq: 03 Jul 2018 05:27

Tgt Ion: 73 Resp: 528380

Ion Ratio Lower Upper

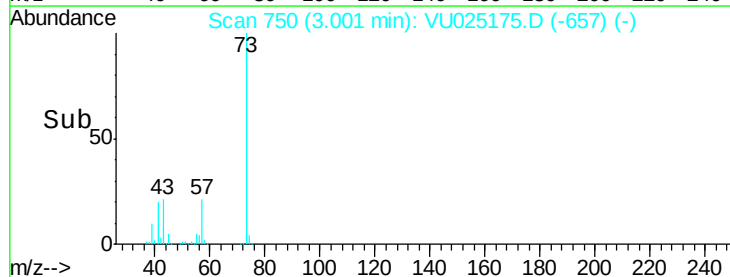
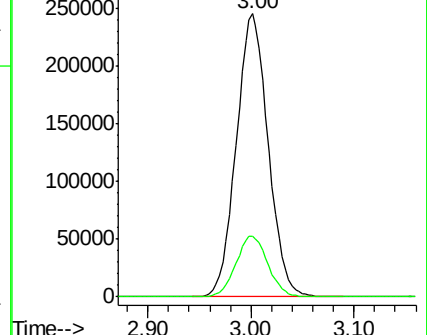
73 100

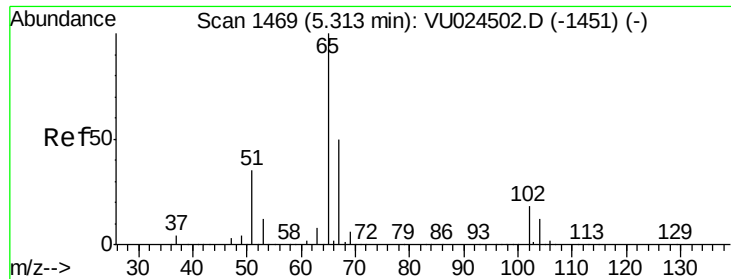
57 21.5 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

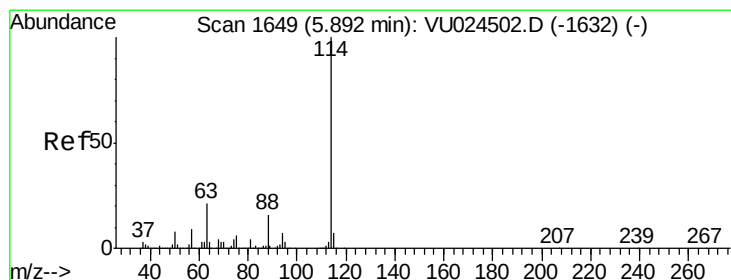
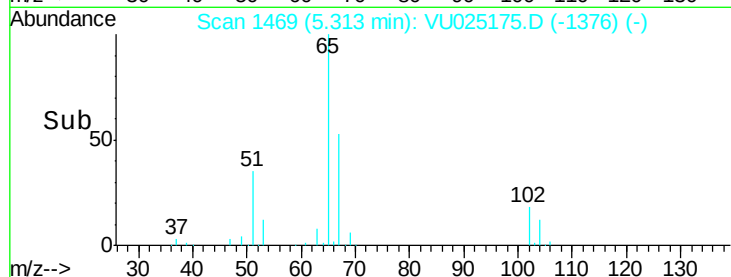
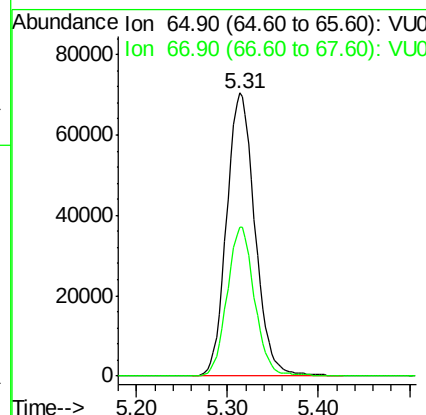
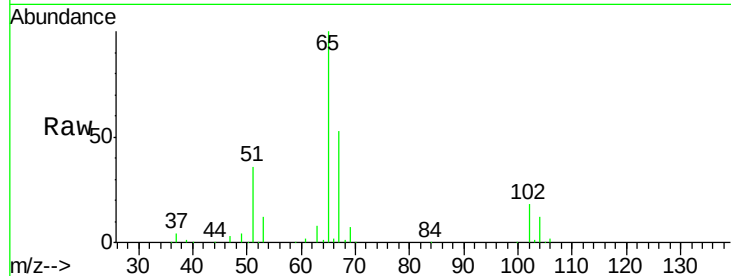




#33
 1,2-Dichloroethane-d4
 Concen: 46.67 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

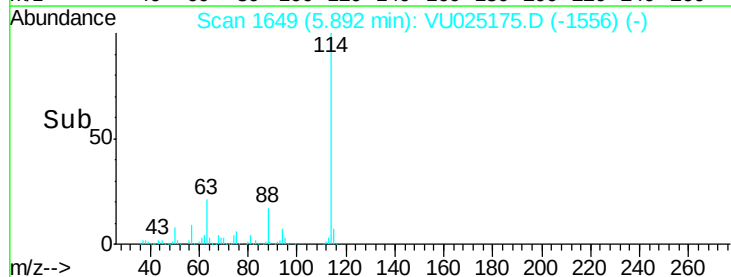
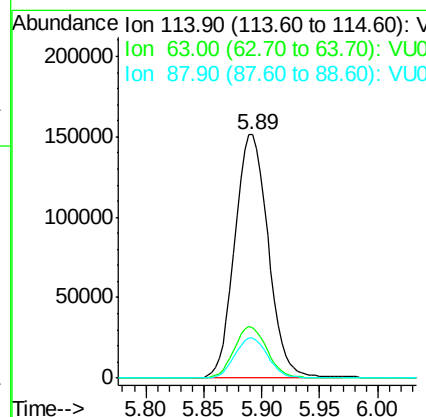
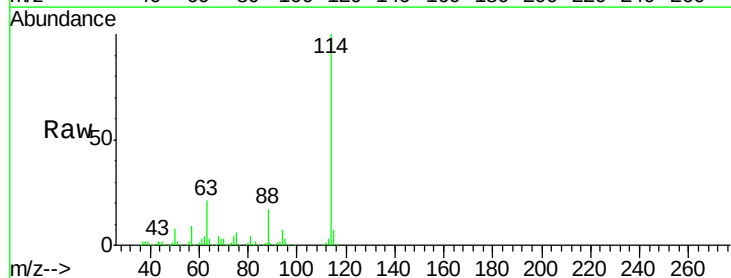
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8D-062818

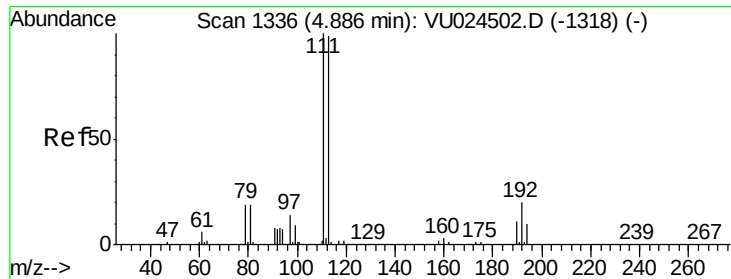
Tot Ion: 65 Resp: 152820
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

Tgt Ion: 114 Resp: 303080
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.5 0.0 31.0

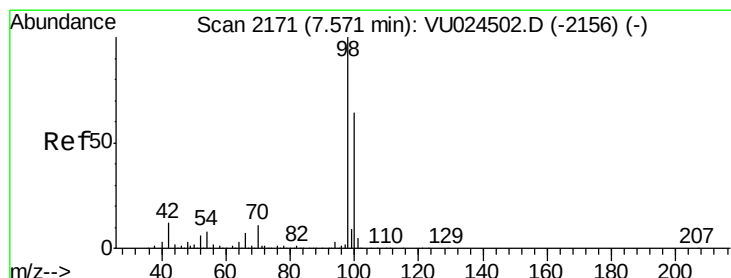
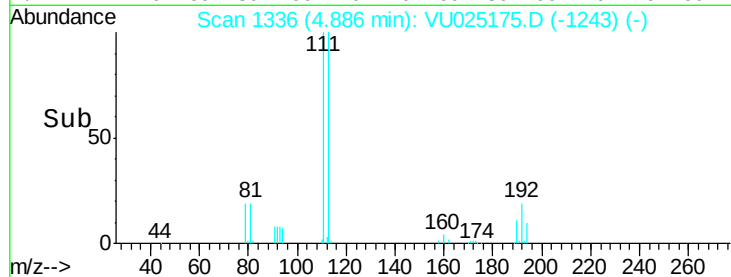
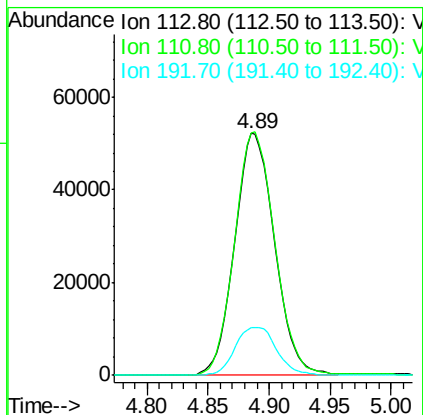
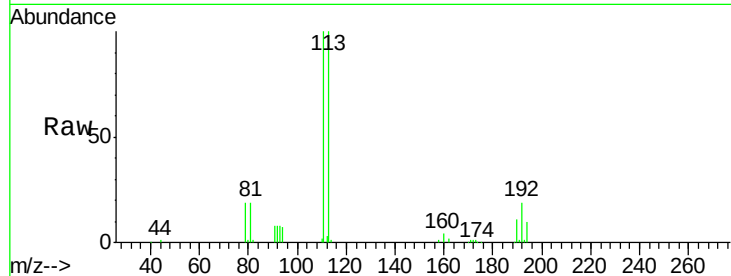




#35
 Dibromofluoromethane
 Concen: 47.09 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

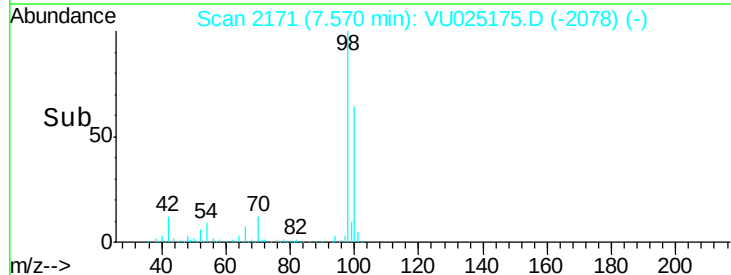
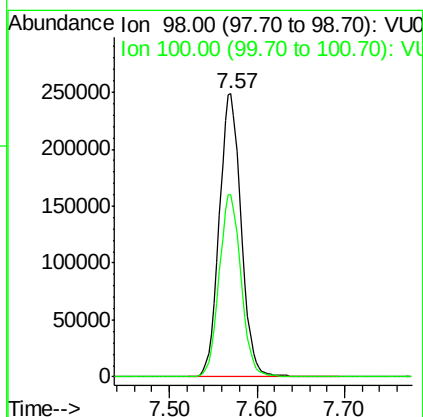
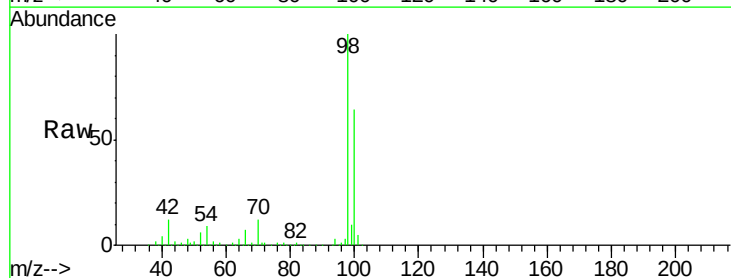
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8D-062818

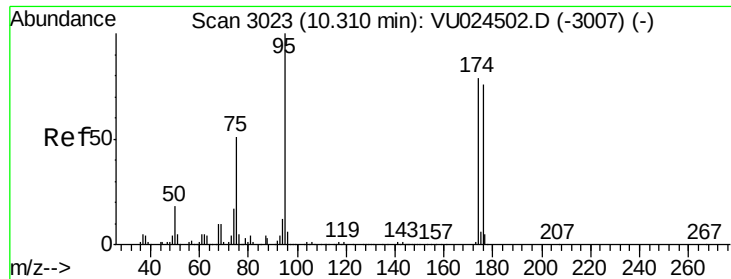
Tot Ion:113 Resp: 118438
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.4
 192 20.5 16.2 24.4



#50
 Toluene-d8
 Concen: 47.22 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

Tgt Ion: 98 Resp: 433210
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7

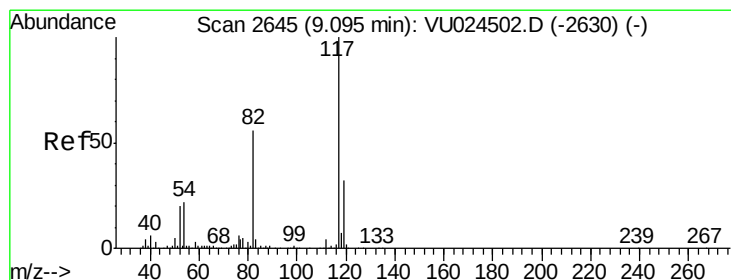
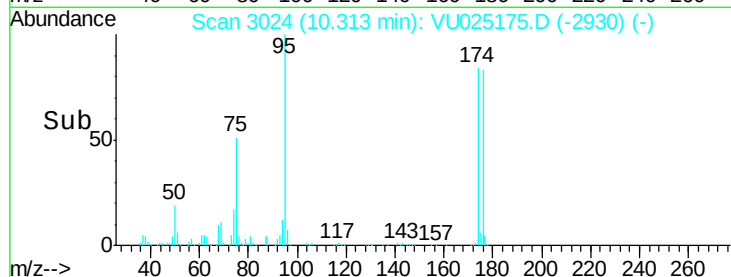
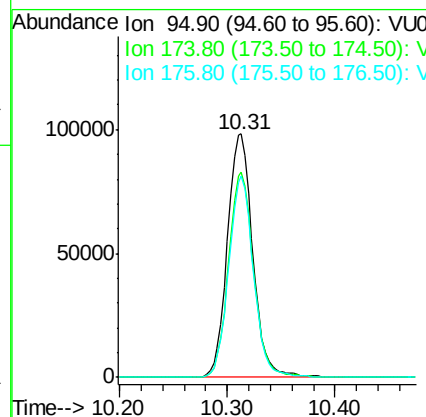
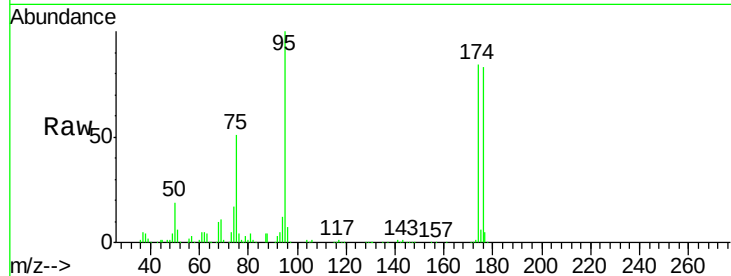




#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025175.D
Acq: 03 Jul 2018 05:27

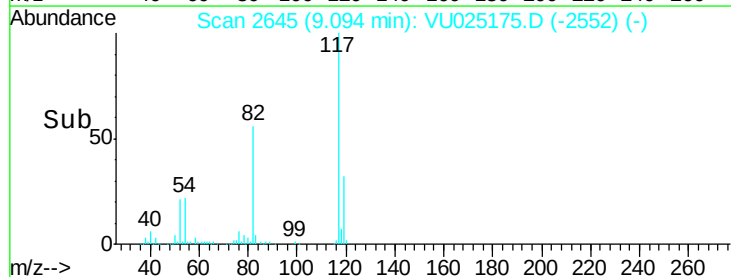
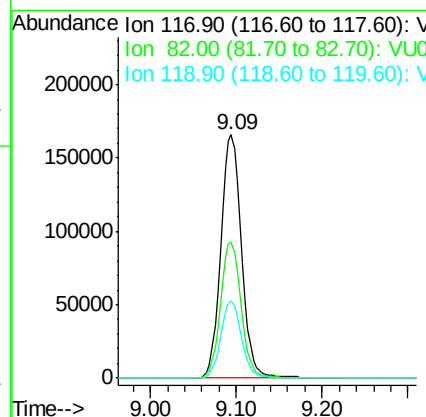
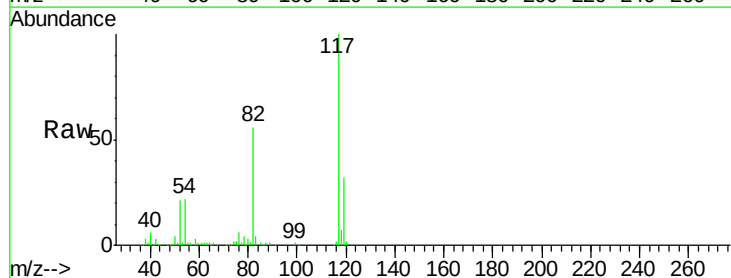
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MSVOA_U
ClientSampleId :
MW-8D-062818

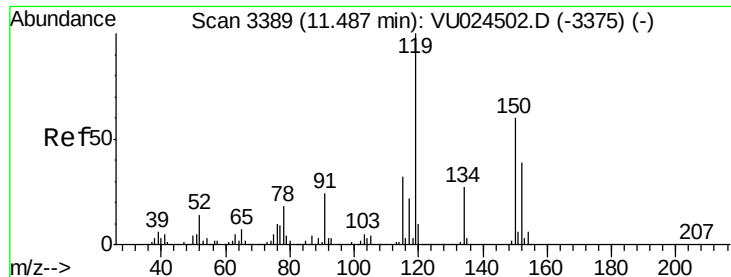
Tot Ion: 95 Resp: 160312
Ion Ratio Lower Upper
95 100
174 83.7 0.0 165.8
176 80.9 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025175.D
Acq: 03 Jul 2018 05:27

Tgt Ion: 117 Resp: 278649
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.7 25.4 38.2

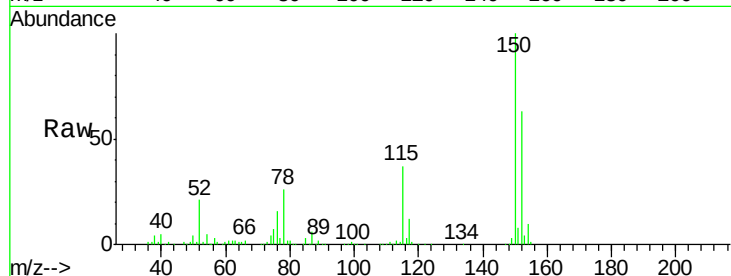




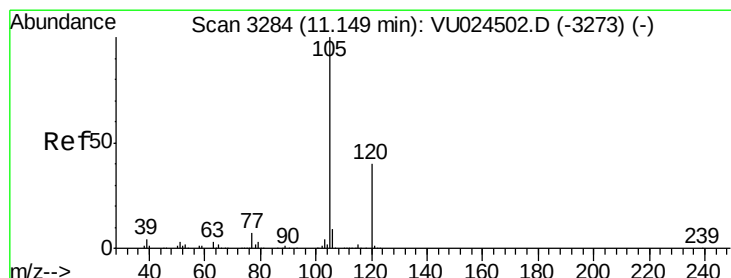
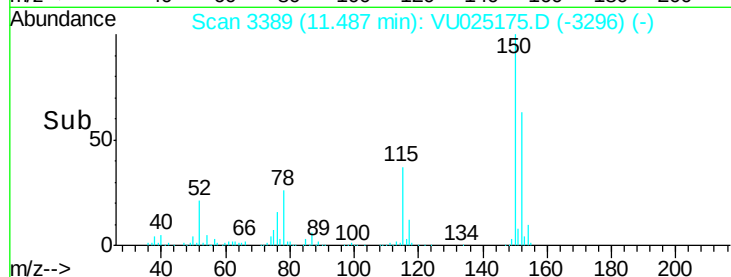
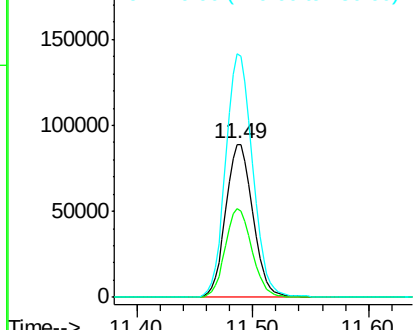
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8D-062818

Tot Ion:152 Resp: 143922
 Ion Ratio Lower Upper
 152 100
 115 56.7 43.0 129.0
 150 157.4 0.0 354.0

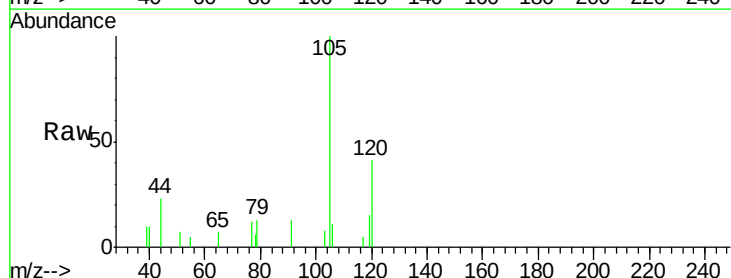


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#84
 1,2,4-Trimethylbenzene
 Concen: 0.36 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025175.D
 Acq: 03 Jul 2018 05:27

Tgt Ion:105 Resp: 3547
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

