

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025171.D
 Acq On : 03 Jul 2018 03:49
 Operator : MD/SY
 Sample : J3809-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2-062818

Quant Time: Jul 03 07:47:18 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	195866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296198	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139503	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	151026	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	4.89	113	116476	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	7.57	98	421893	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	10.31	95	156518	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	

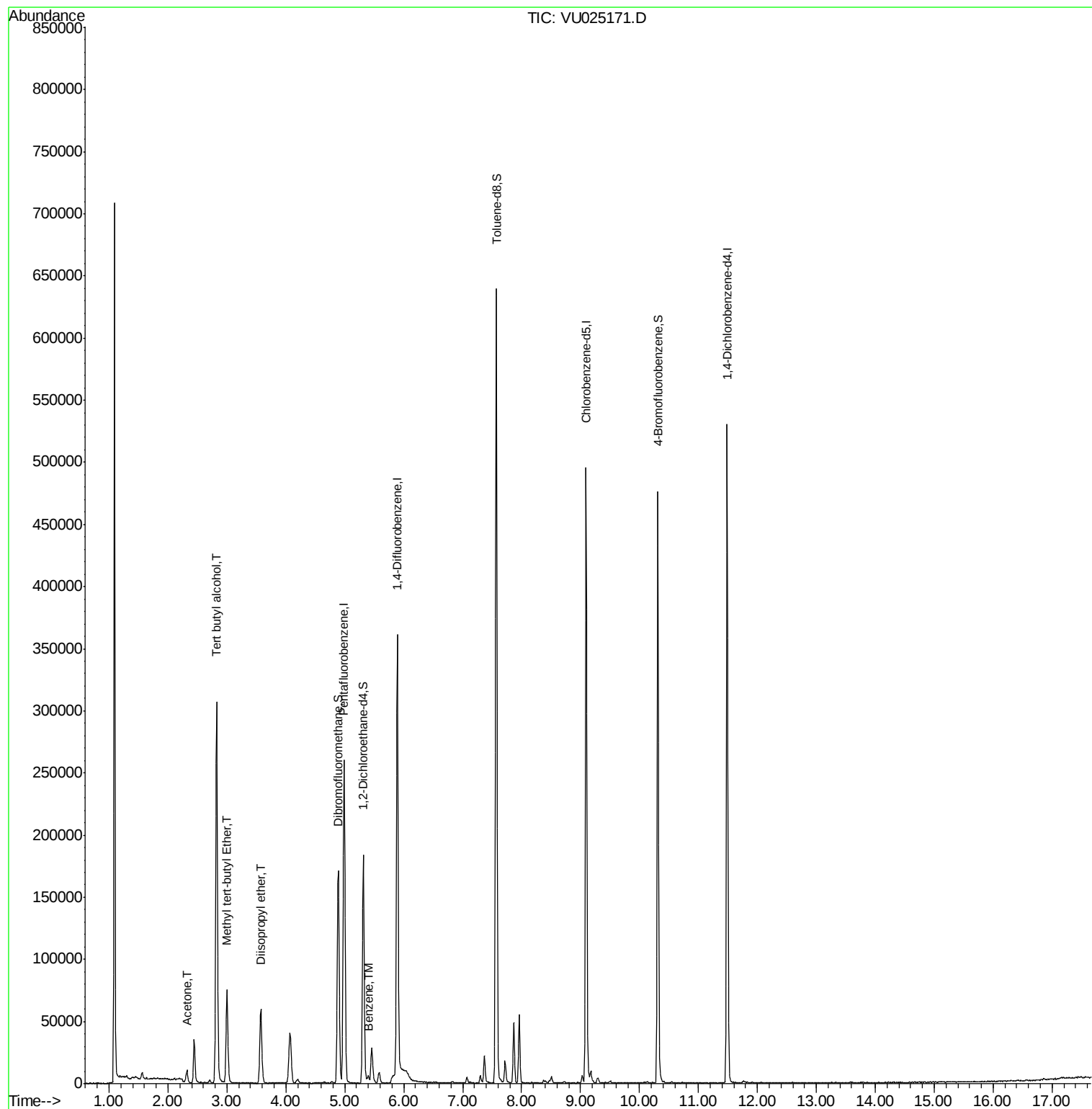
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	352125	452.79	ug/l	100
16) Acetone	2.32	43	10169	5.92	ug/l	95
19) Methyl tert-butyl Ether	3.00	73	76915	9.17	ug/l	96
22) Diisopropyl ether	3.57	45	58708	7.15	ug/l	94
40) Benzene	5.40	78	5329	0.54	ug/l	95

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

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Quant Title : SW846 8260
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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: VU025171.D

Acq: 03 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

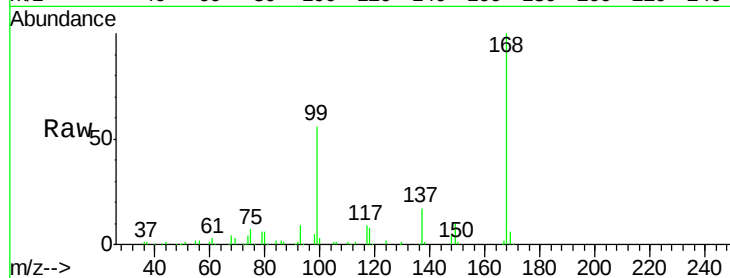
MW-2-062818

Tot Ion:168 Resp: 195866

Ion Ratio Lower Upper

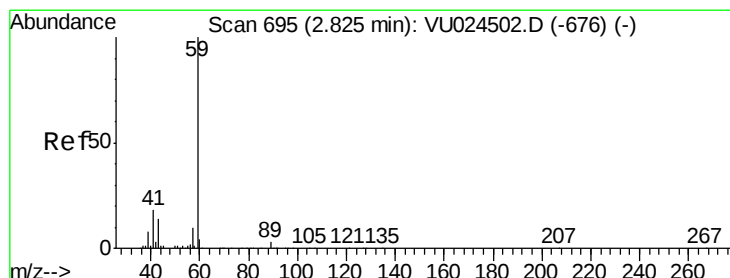
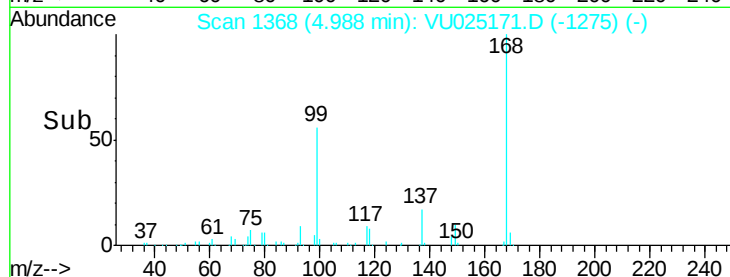
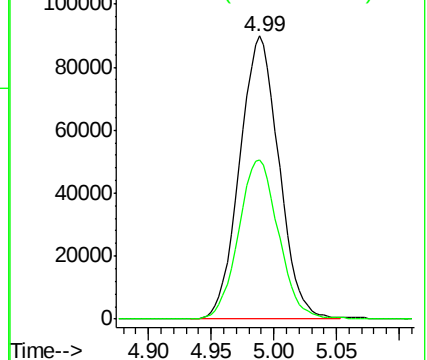
168 100

99 56.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025171.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025171.D (-1275) (-)



#11

Tert butyl alcohol

Concen: 452.79 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025171.D

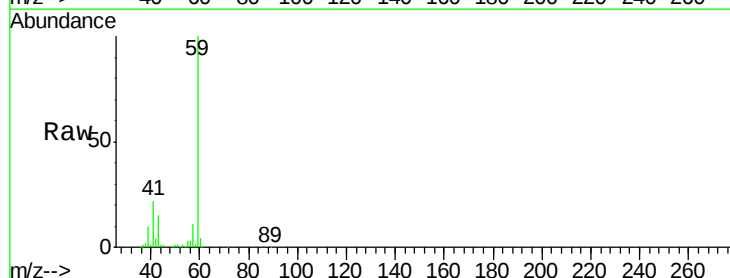
Acq: 03 Jul 2018 03:49

Tgt Ion: 59 Resp: 352125

Ion Ratio Lower Upper

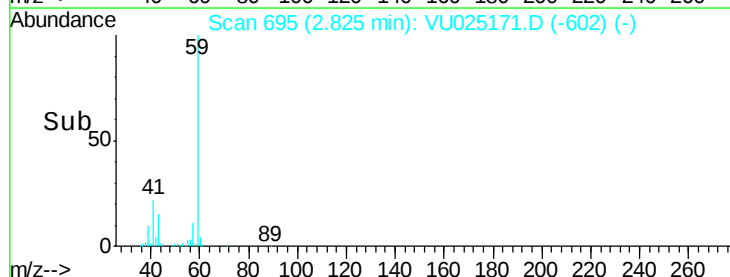
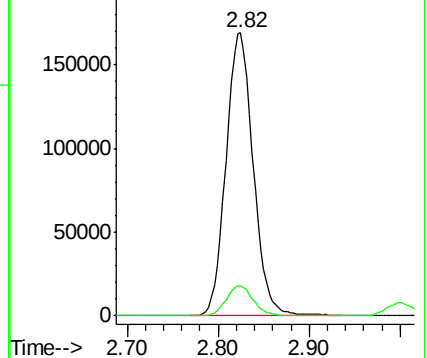
59 100

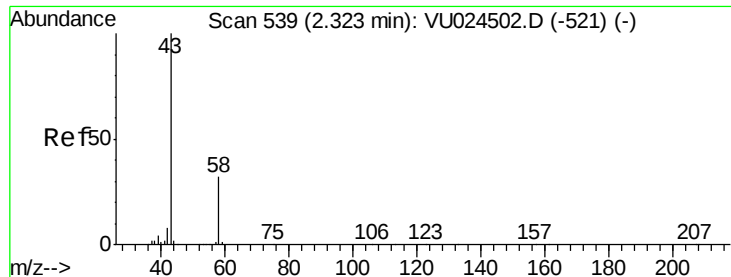
57 10.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU025171.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU025171.D (-602) (-)





#16

Acetone

Concen: 5.92 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025171.D

Acq: 03 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

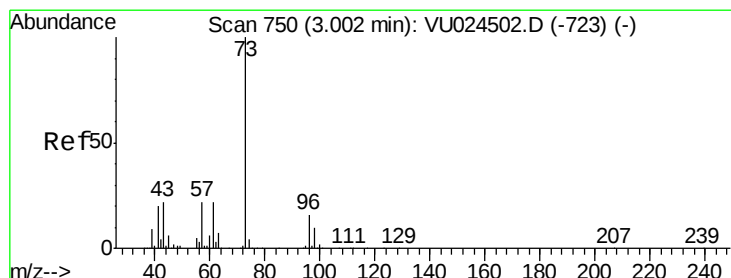
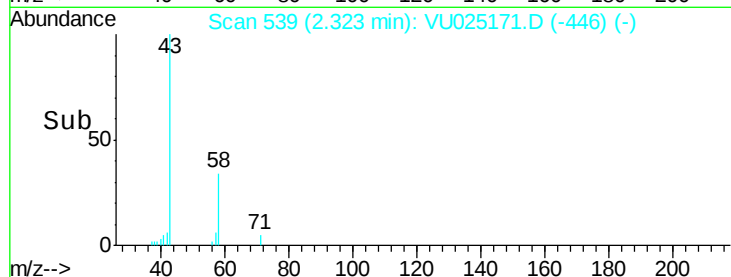
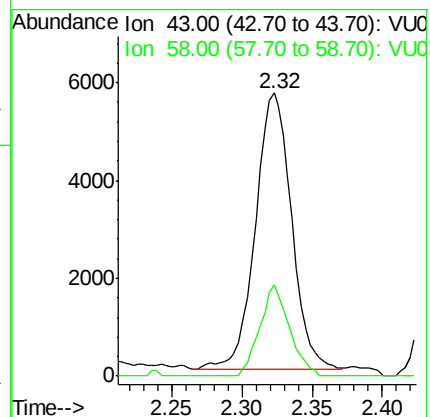
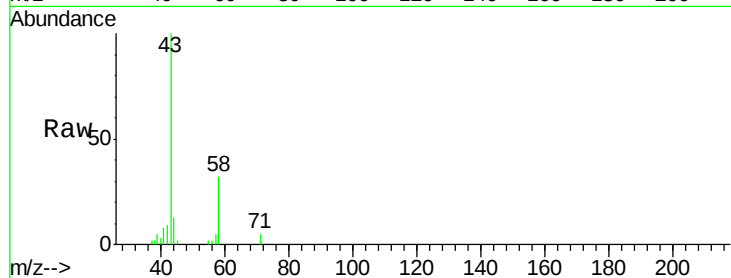
MW-2-062818

Tot Ion: 43 Resp: 10169

Ion Ratio Lower Upper

43 100

58 33.1 24.4 36.6



#19

Methyl tert-butyl Ether

Concen: 9.17 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU025171.D

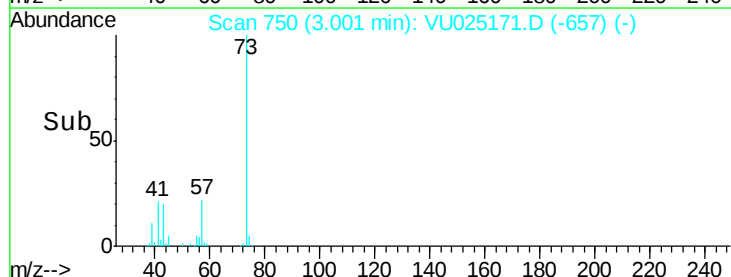
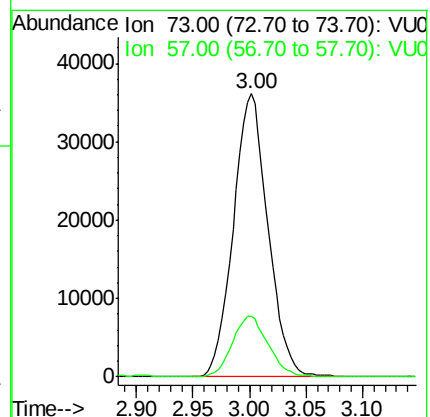
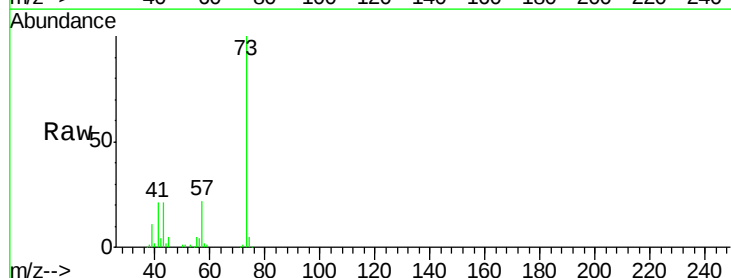
Acq: 03 Jul 2018 03:49

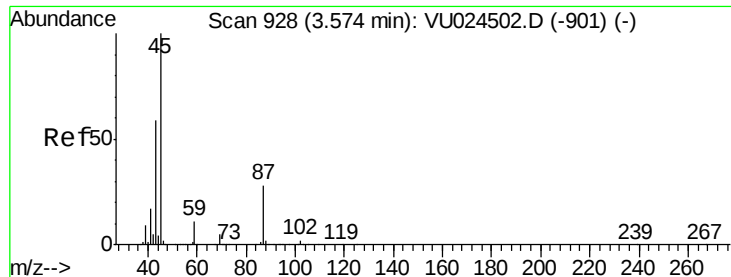
Tgt Ion: 73 Resp: 76915

Ion Ratio Lower Upper

73 100

57 21.6 18.8 28.2

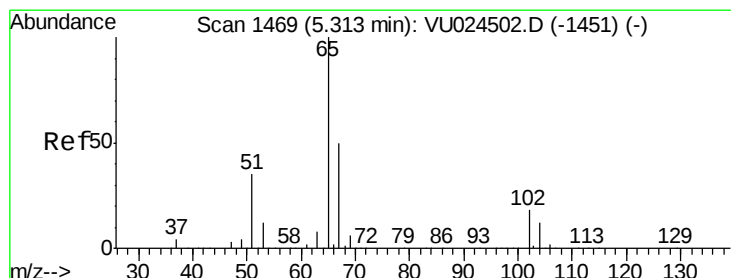
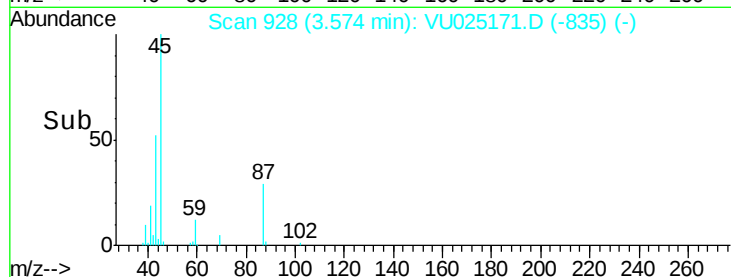
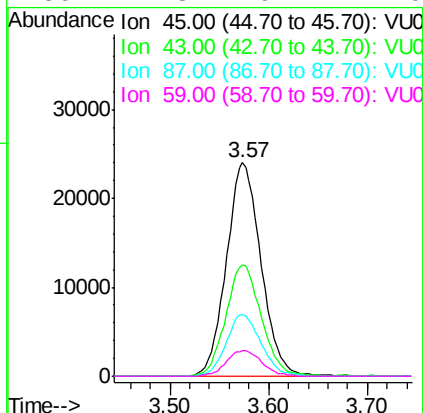
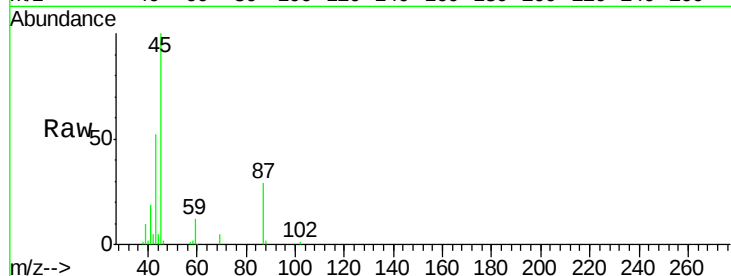




#22
Diisopropyl ether
Concen: 7.15 ug/l
RT: 3.57 min Scan# 928
Delta R.T. -0.00 min
Lab File: VU025171.D
Acq: 03 Jul 2018 03:49

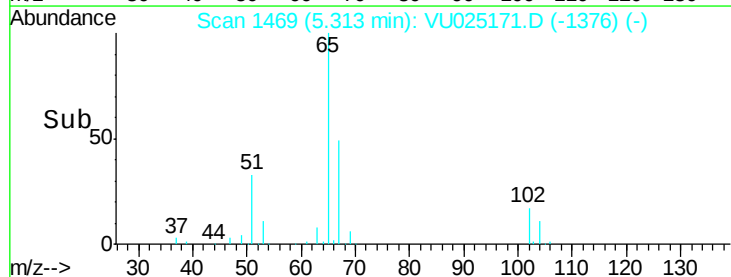
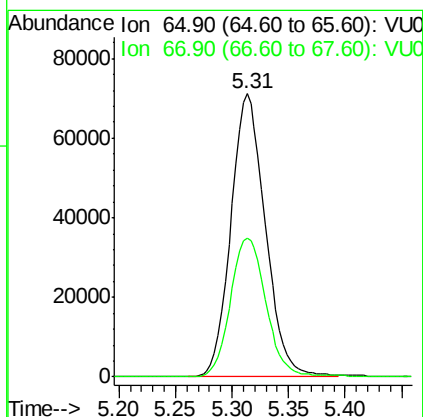
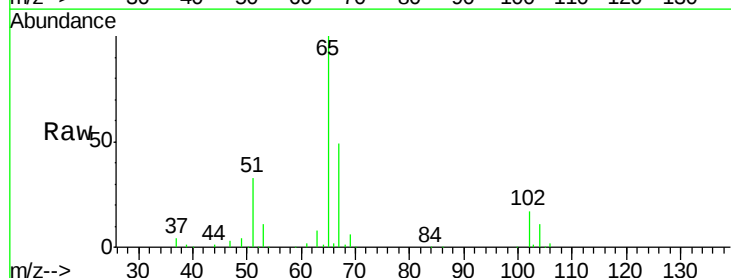
Instrument :
MSVOA_U
ClientSampleId :
MW-2-062818

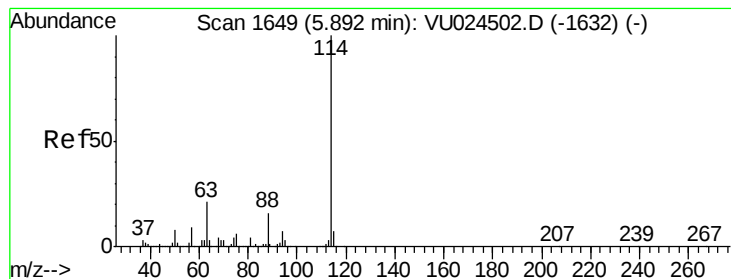
Tot Ion:	45	Resp:	58708
Ion	Ratio	Lower	Upper
45	100		
43	52.2	45.8	68.6
87	28.9	20.6	31.0
59	12.3	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 47.23 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025171.D
Acq: 03 Jul 2018 03:49

Tgt Ion:	65	Resp:	151026
Ion	Ratio	Lower	Upper
65	100		
67	50.5	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: VU025171.D

Acq: 03 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

MW-2-062818

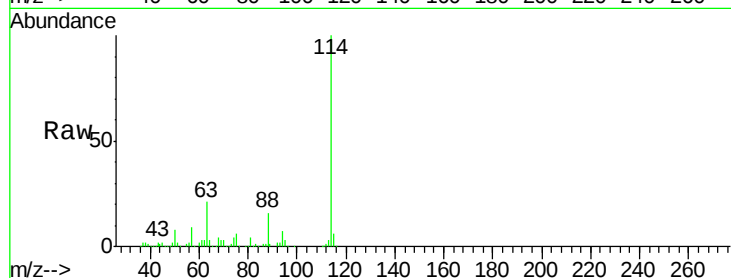
Tot Ion:114 Resp: 296198

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

88 15.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

200000

150000

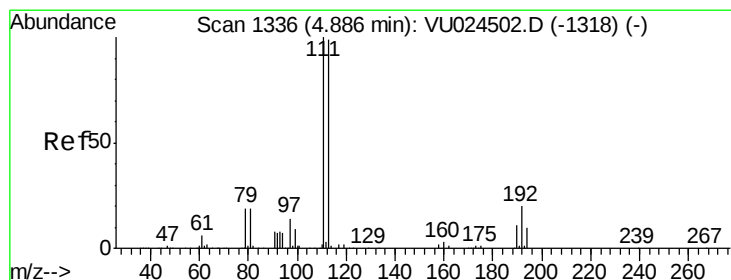
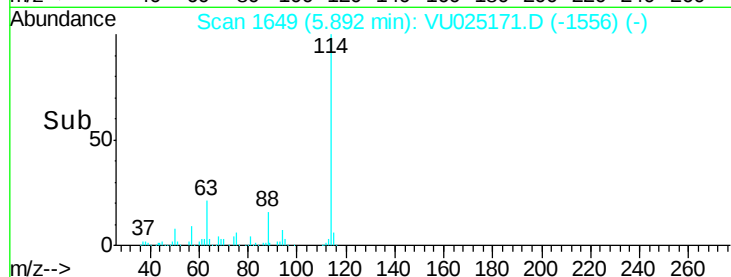
100000

50000

0

5.89

Time-->



#35

Dibromofluoromethane

Concen: 47.38 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025171.D

Acq: 03 Jul 2018 03:49

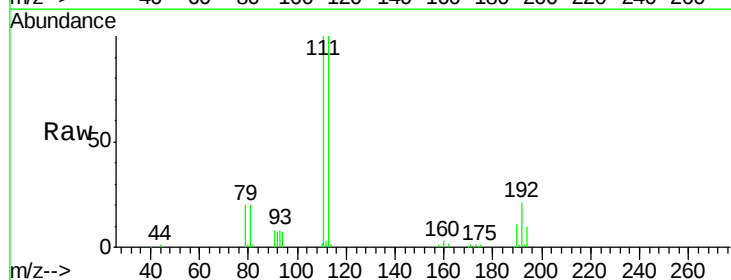
Tgt Ion:113 Resp: 116476

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.7 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

60000

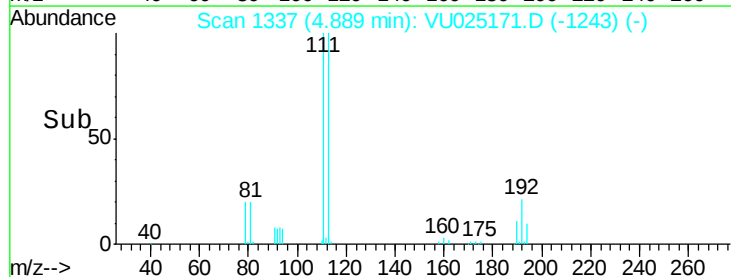
40000

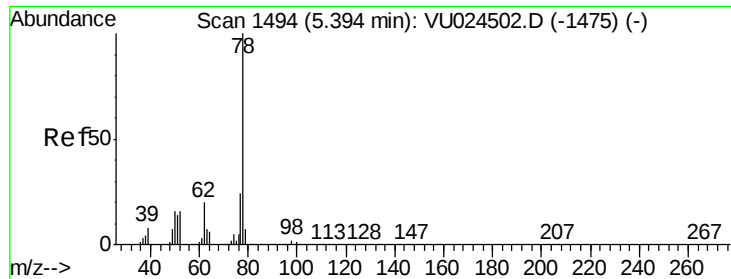
20000

0

4.89

Time-->





#40

Benzene

Concen: 0.54 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025171.D

Acq: 03 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

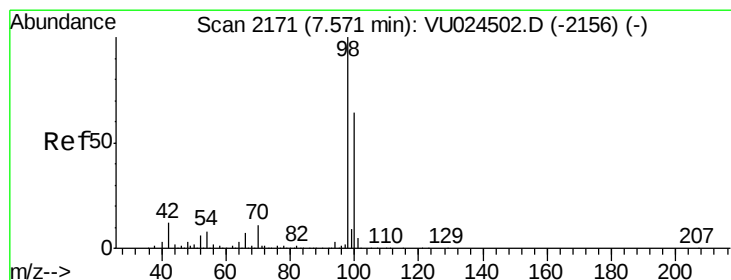
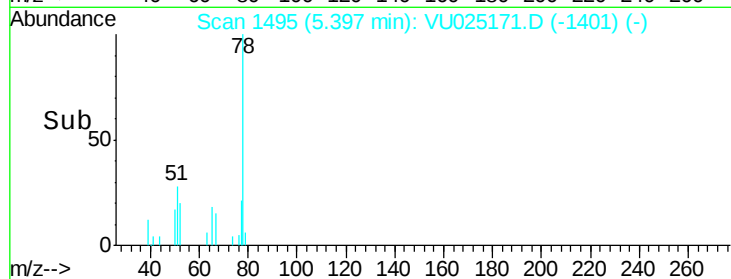
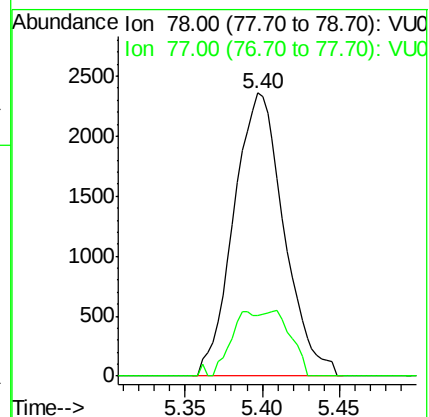
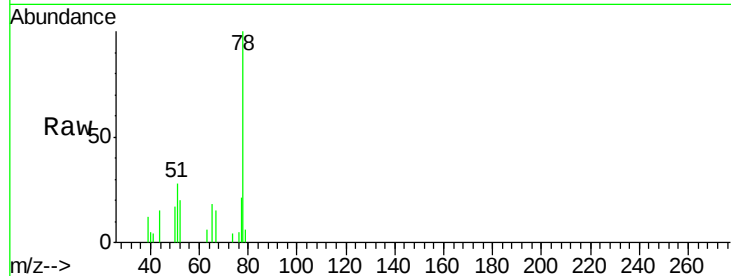
MW-2-062818

Tot Ion: 78 Resp: 5329

Ion Ratio Lower Upper

78 100

77 21.5 19.2 28.8



#50

Toluene-d8

Concen: 47.05 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025171.D

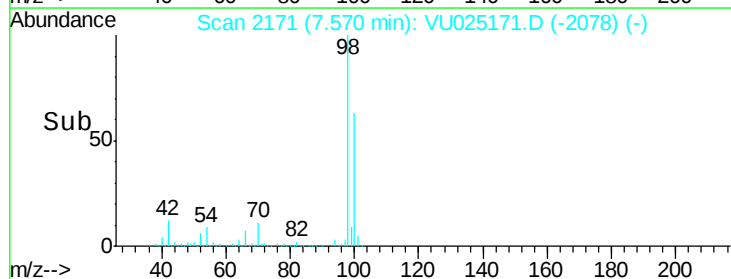
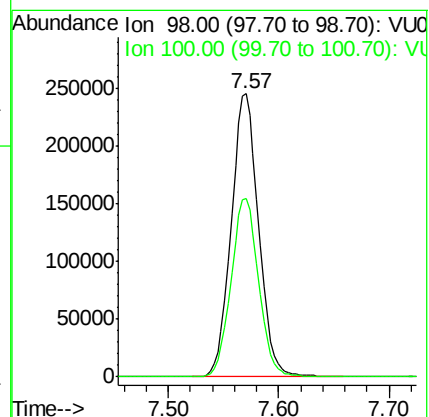
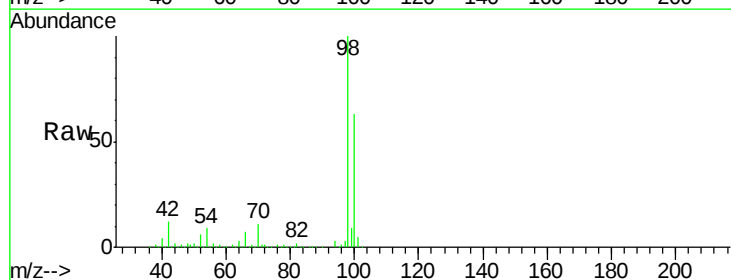
Acq: 03 Jul 2018 03:49

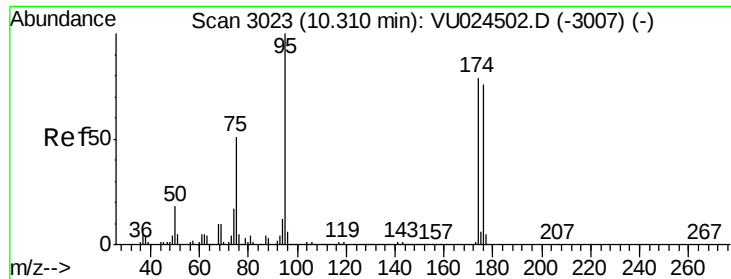
Tgt Ion: 98 Resp: 421893

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7

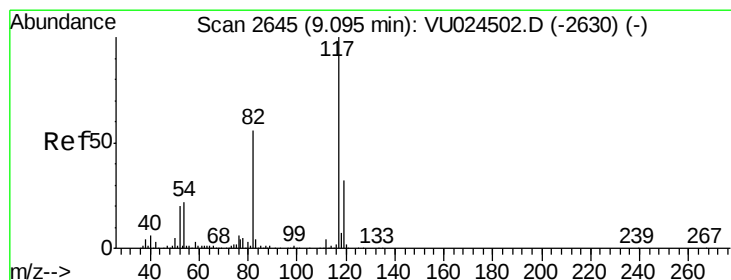
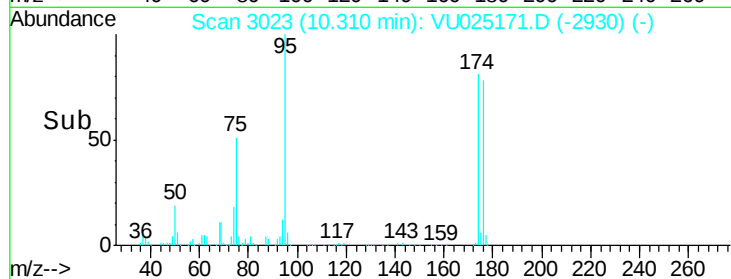
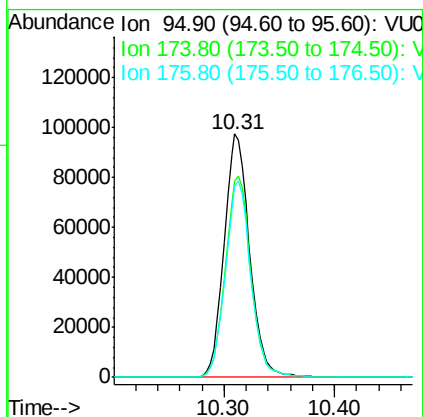
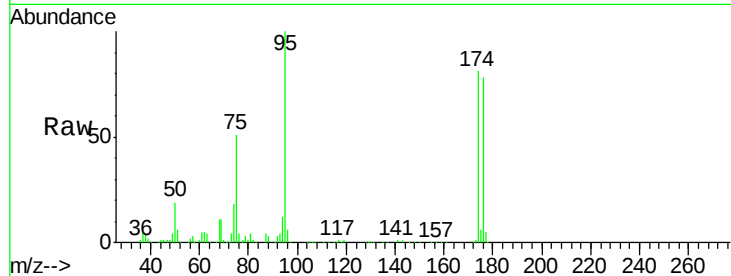




#62
4-Bromofluorobenzene
Concen: 43.96 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025171.D
Acq: 03 Jul 2018 03:49

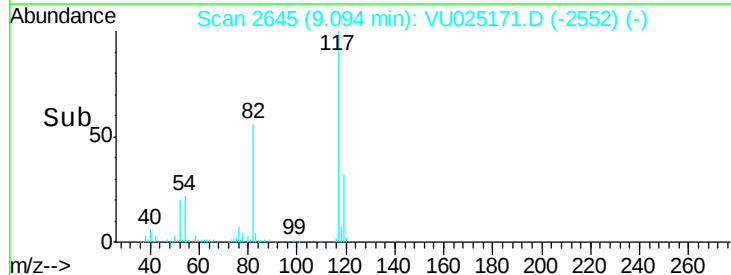
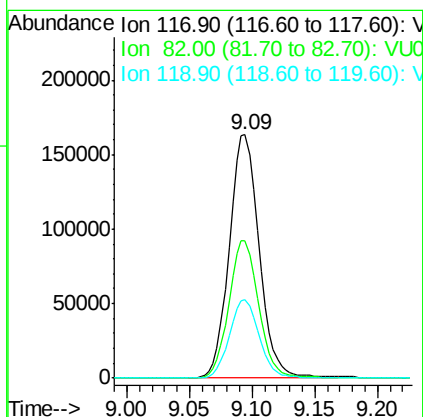
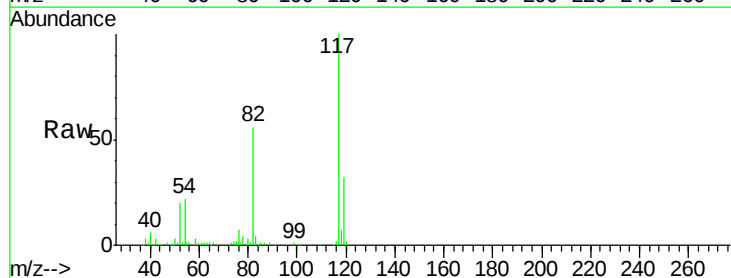
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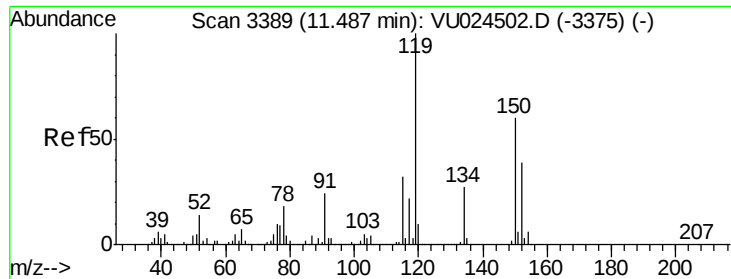
Tot Ion: 95 Resp: 156518
Ion Ratio Lower Upper
95 100
174 82.8 0.0 165.8
176 80.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025171.D
Acq: 03 Jul 2018 03:49

Tgt Ion: 117 Resp: 270530
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.0 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: VU025171.D

Acq: 03 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

MW-2-062818

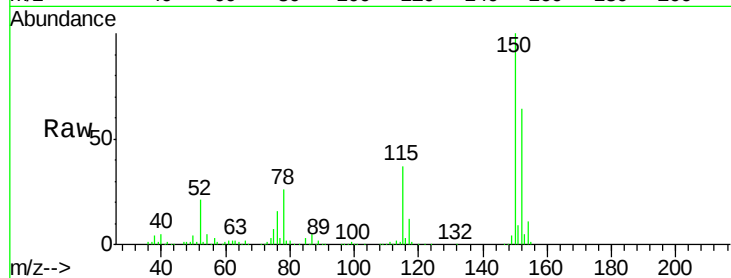
Tot Ion:152 Resp: 139503

Ion Ratio Lower Upper

152 100

115 57.6 43.0 129.0

150 157.1 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

