

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024768.D
 Acq On : 20 Jun 2018 19:33
 Operator : MD/SY
 Sample : J3529-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

Quant Time: Jun 21 10:31:22 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	190583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150810	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	134525	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
35) Dibromofluoromethane	4.89	113	115149	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	7.57	98	433879	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.31	95	156687	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	

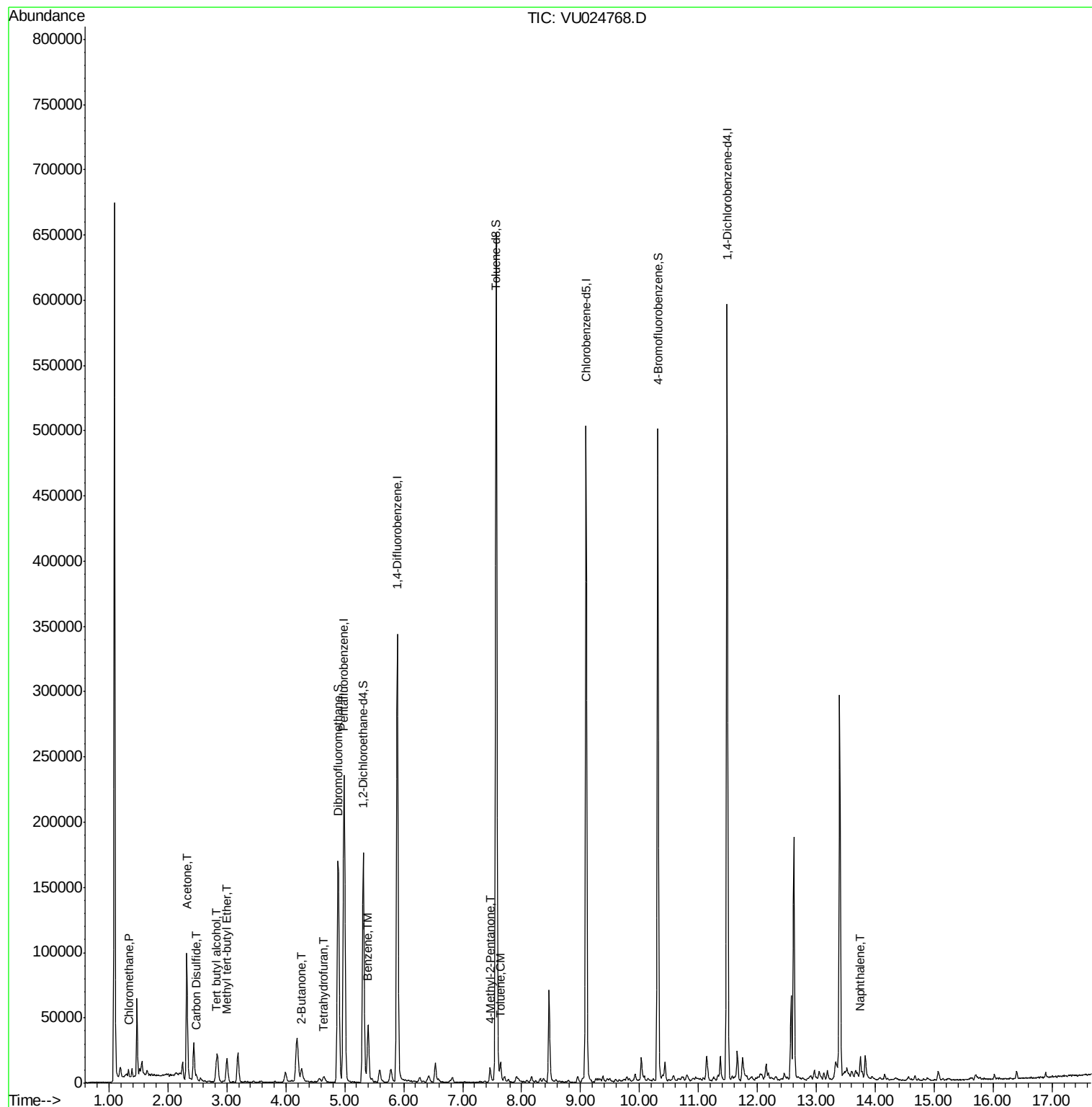
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3463	1.42	ug/l	97
11) Tert butyl alcohol	2.82	59	22309	29.48	ug/l #	93
16) Acetone	2.32	43	99376	59.45	ug/l	96
17) Carbon Disulfide	2.48	76	6156	0.89	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	19525	2.39	ug/l	99
25) 2-Butanone	4.27	43	14166	6.31	ug/l #	89
29) Tetrahydrofuran	4.64	42	3243	2.33	ug/l	95
40) Benzene	5.39	78	43054	4.34	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	8063	1.95	ug/l	95
52) Toluene	7.64	92	6042	0.95	ug/l	92
95) Naphthalene	13.75	128	13350	1.87	ug/l	99

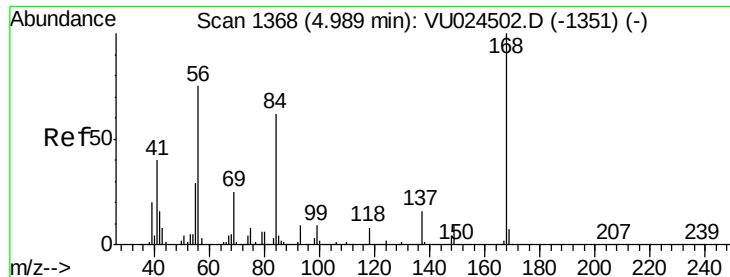
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

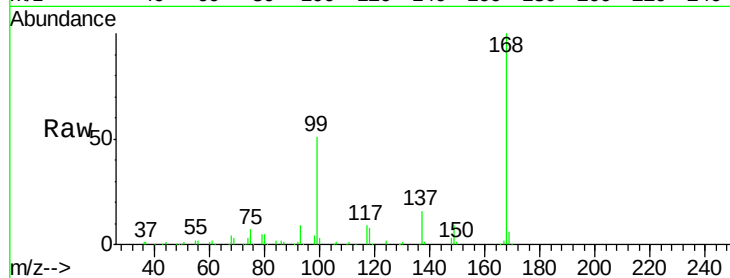
TPTW-03

Tot Ion:168 Resp: 190583

Ion Ratio Lower Upper

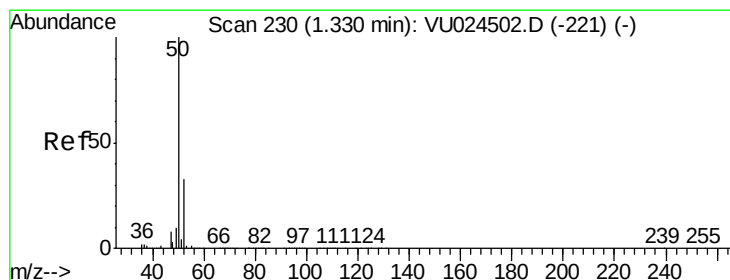
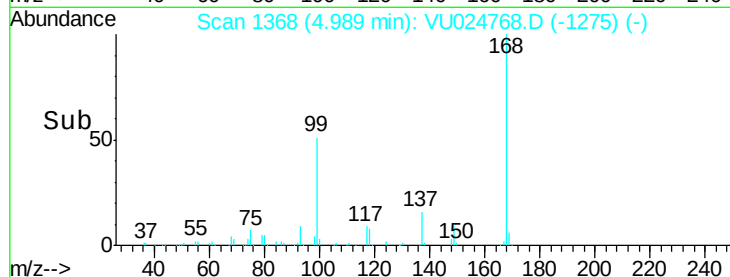
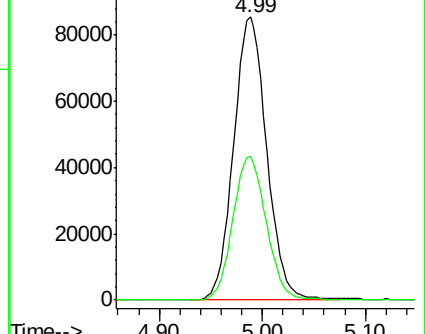
168 100

99 50.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 1.42 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024768.D

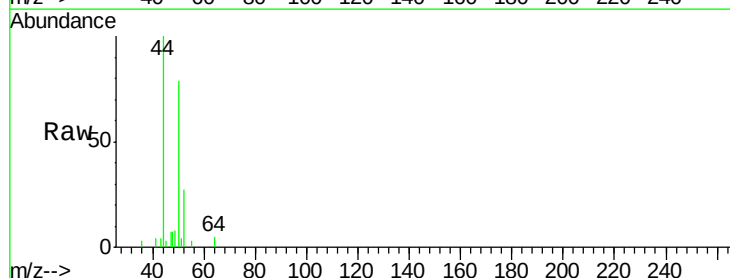
Acq: 20 Jun 2018 19:33

Tgt Ion: 50 Resp: 3463

Ion Ratio Lower Upper

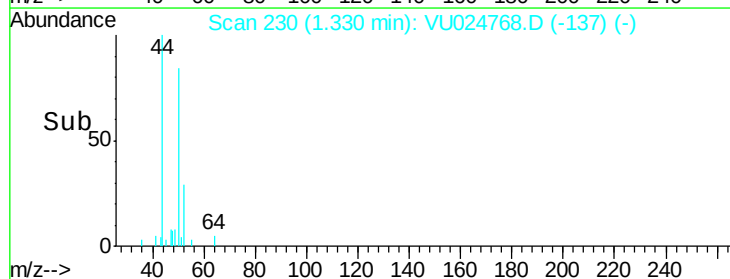
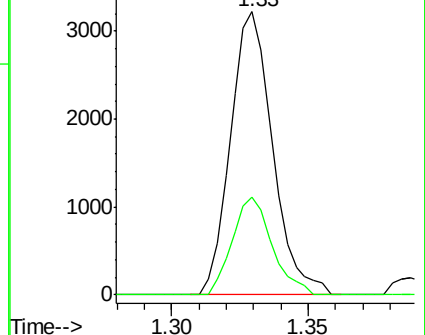
50 100

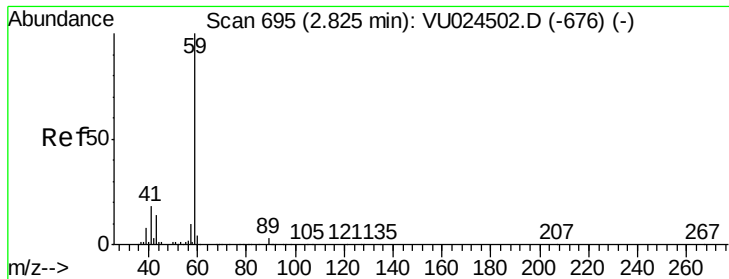
52 34.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)



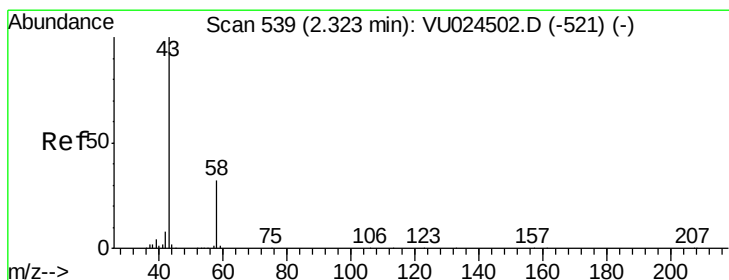
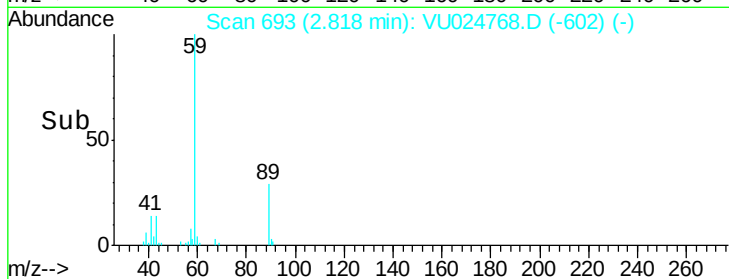
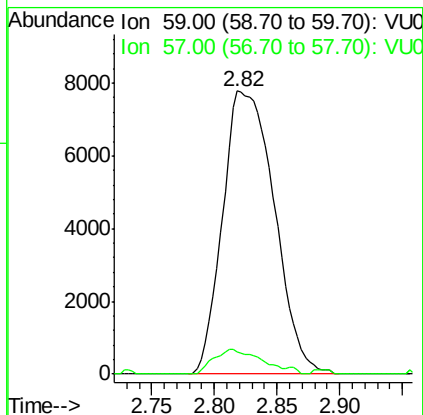
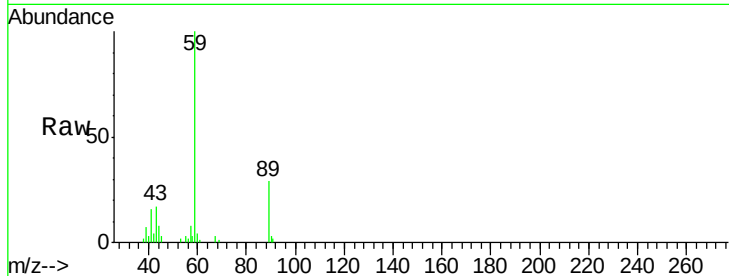


#11

Tert butyl alcohol
 Concen: 29.48 ug/l
 RT: 2.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

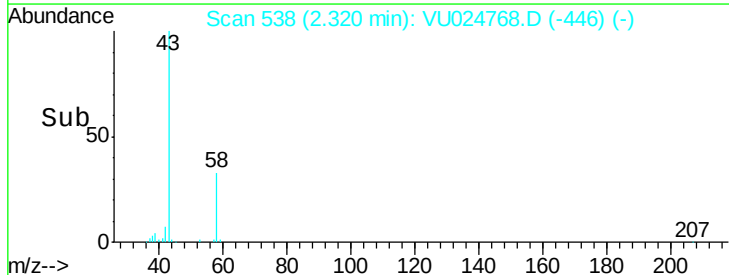
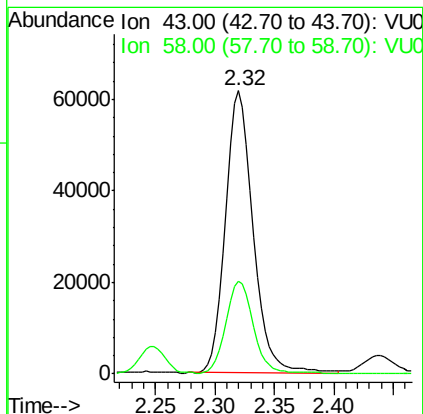
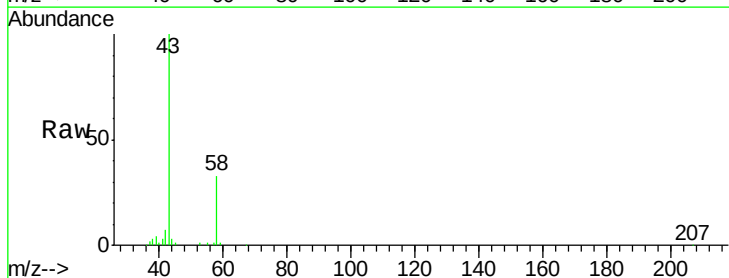
Tot Ion: 59 Resp: 22309
 Ion Ratio Lower Upper
 59 100
 57 7.9 8.5 12.7#

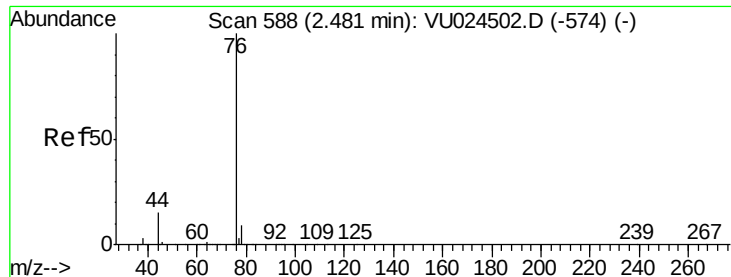


#16

Acetone
 Concen: 59.45 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 43 Resp: 99376
 Ion Ratio Lower Upper
 43 100
 58 32.8 24.4 36.6





#17

Carbon Disulfide

Concen: 0.89 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

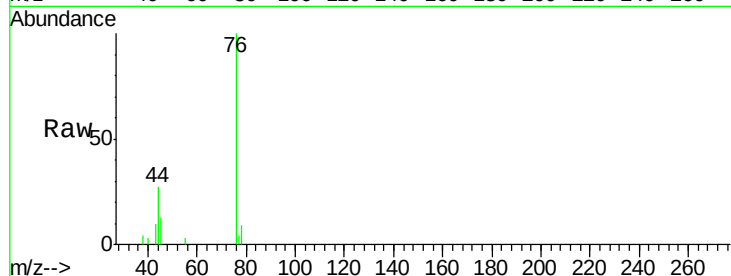
TPTW-03

Tot Ion: 76 Resp: 6156

Ion Ratio Lower Upper

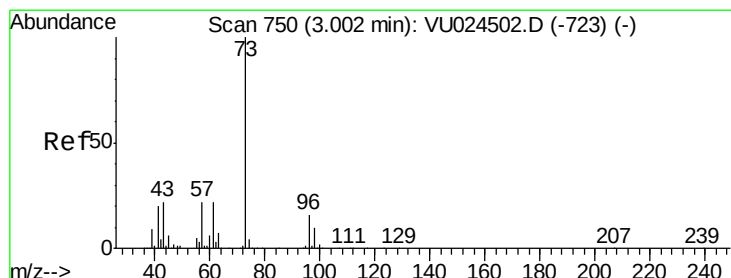
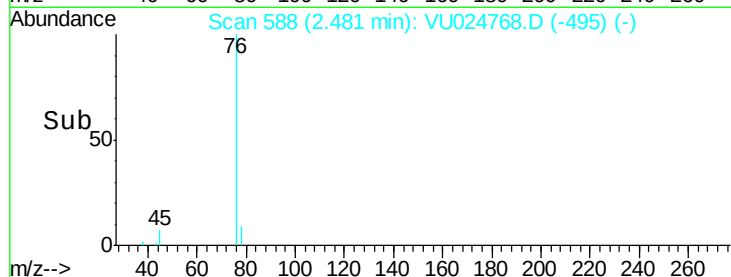
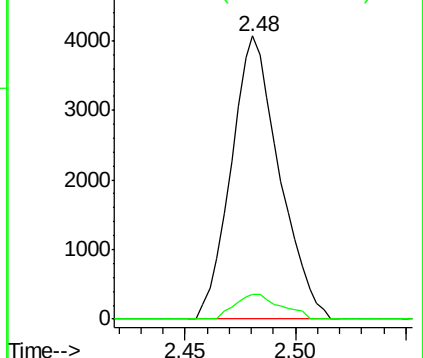
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#19

Methyl tert-butyl Ether

Concen: 2.39 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024768.D

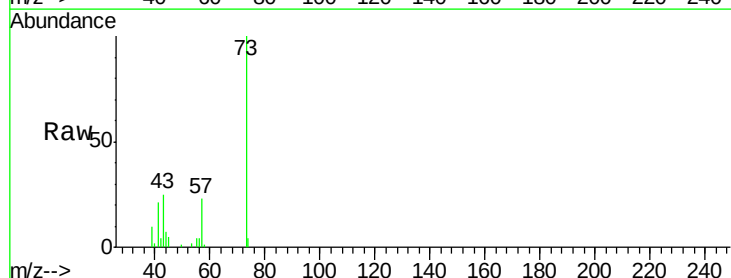
Acq: 20 Jun 2018 19:33

Tgt Ion: 73 Resp: 19525

Ion Ratio Lower Upper

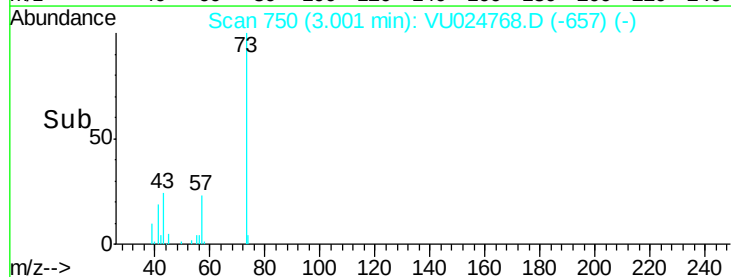
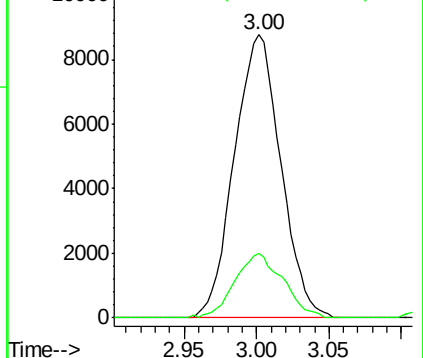
73 100

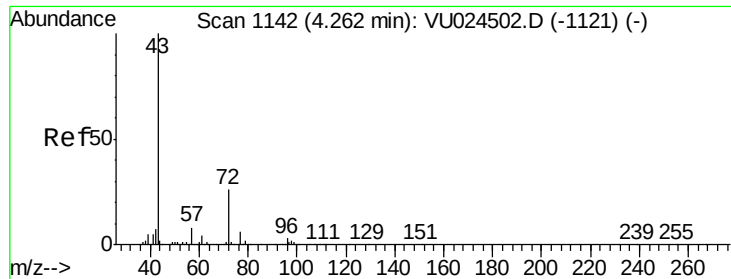
57 22.9 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

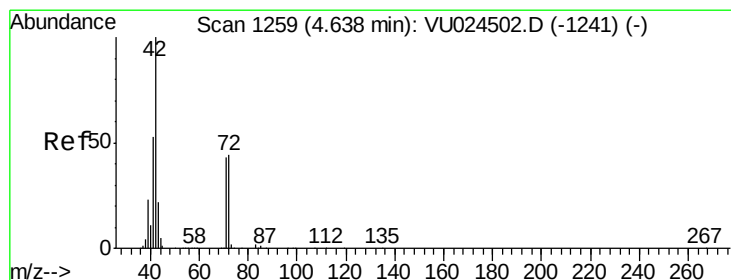
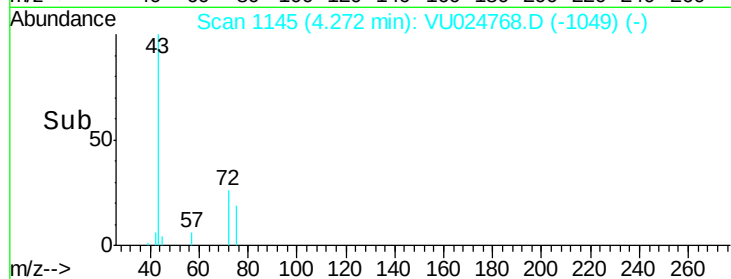
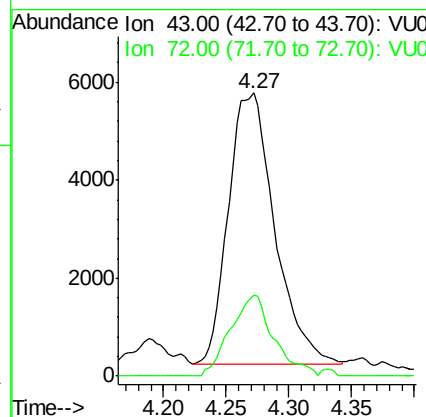
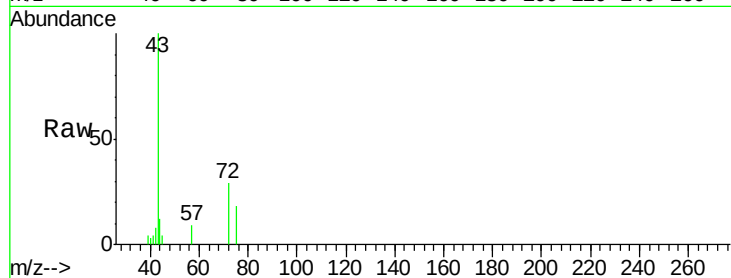




#25
 2-Butanone
 Concen: 6.31 ug/l
 RT: 4.27 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

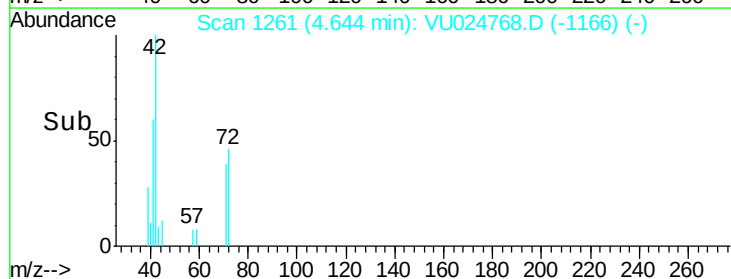
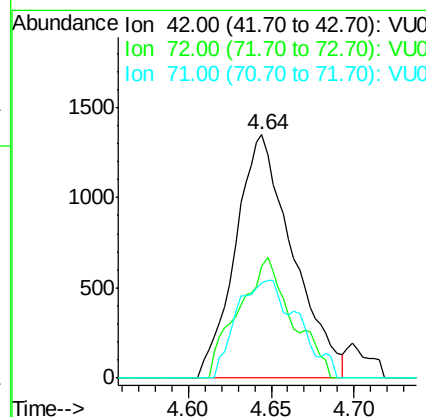
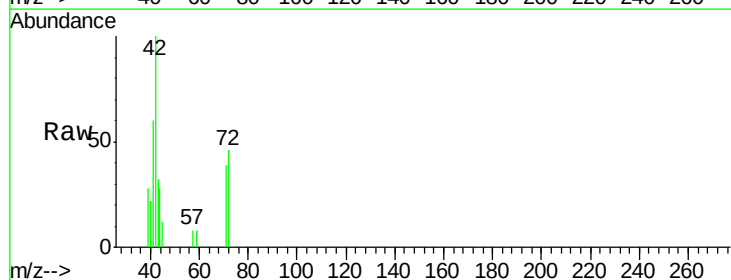
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

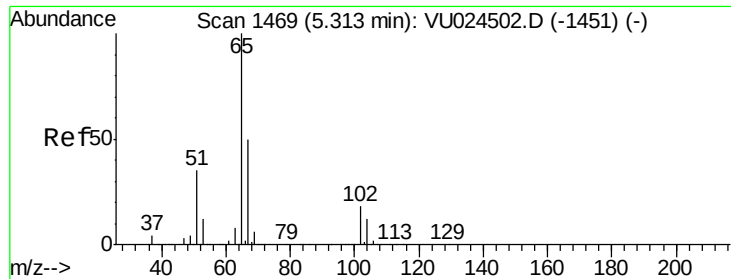
Tot Ion: 43 Resp: 14166
 Ion Ratio Lower Upper
 43 100
 72 29.8 19.6 29.4#



#29
 Tetrahydrofuran
 Concen: 2.33 ug/l
 RT: 4.64 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 42 Resp: 3243
 Ion Ratio Lower Upper
 42 100
 72 46.2 34.5 51.7
 71 42.9 32.2 48.4

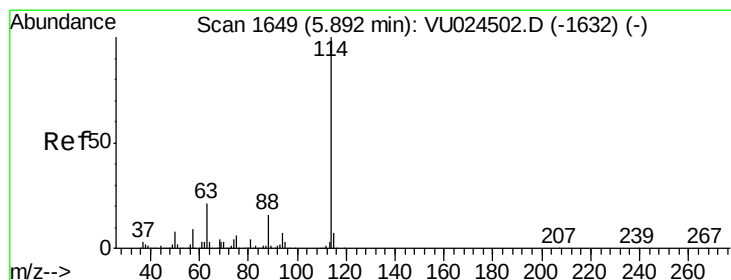
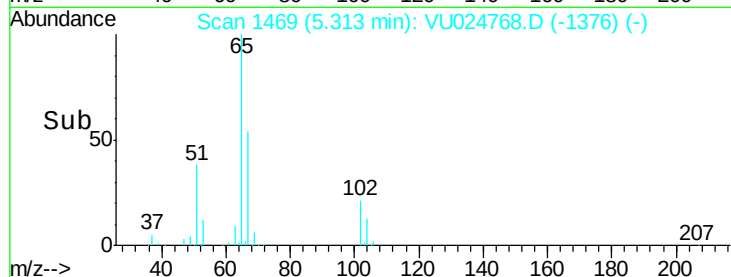
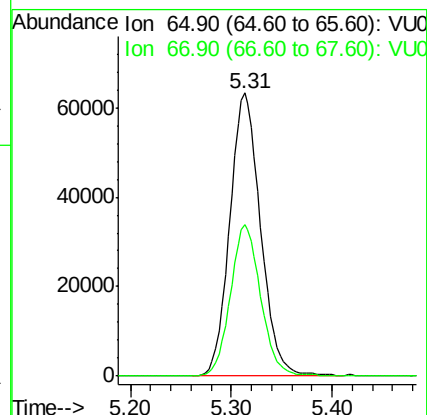
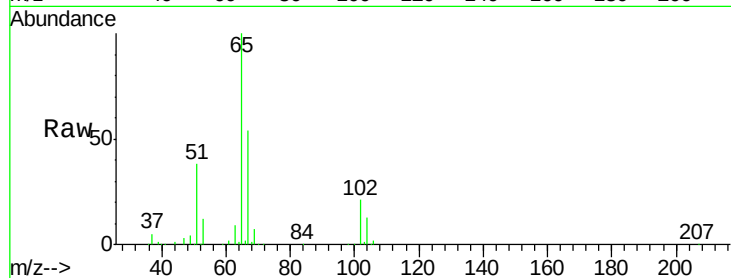




#33
 1,2-Dichloroethane-d4
 Concen: 43.24 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

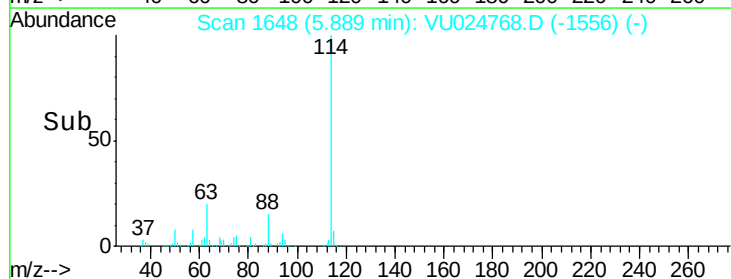
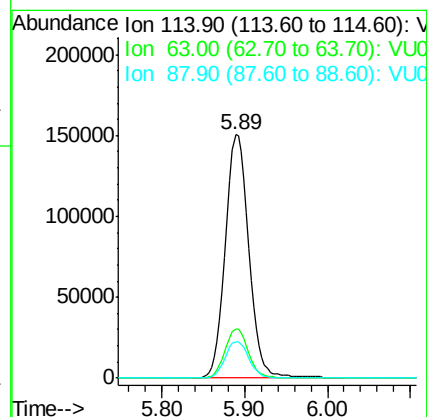
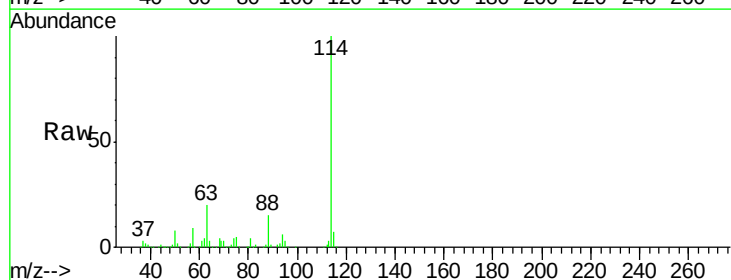
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

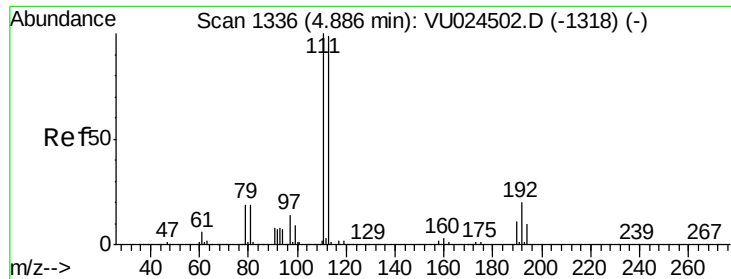
Tot Ion: 65 Resp: 134525
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 114 Resp: 296551
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 14.9 0.0 31.0

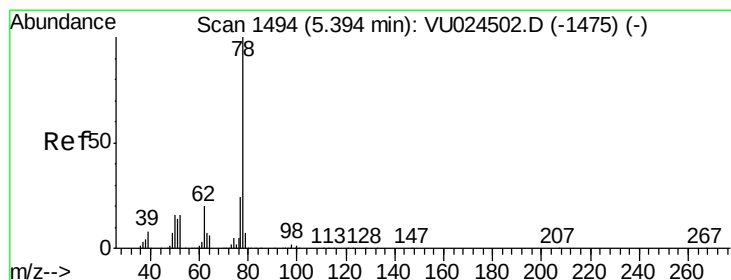
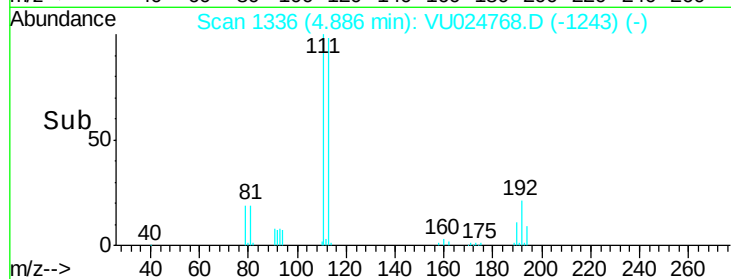
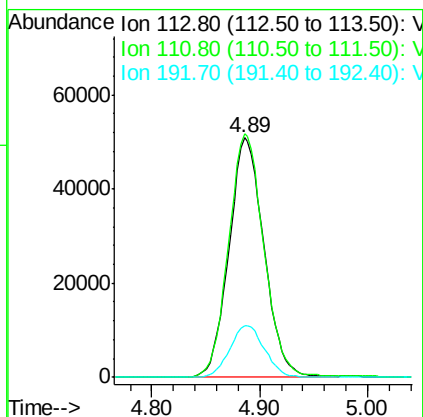
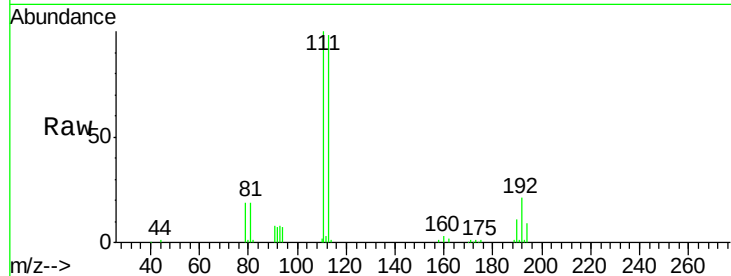




#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

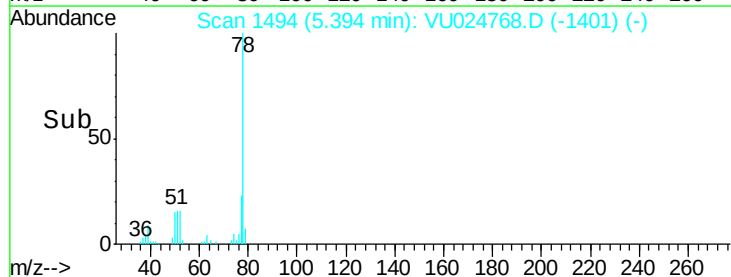
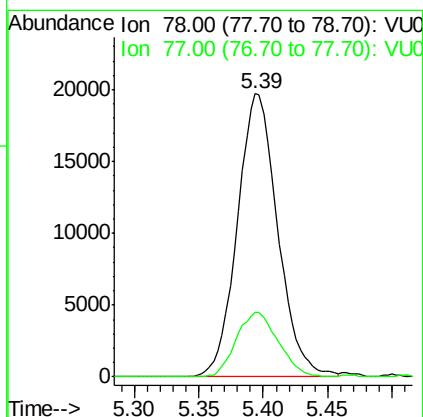
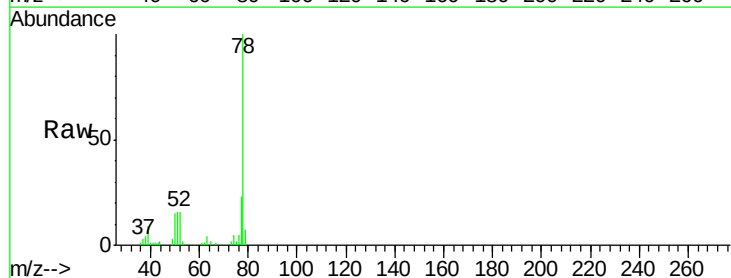
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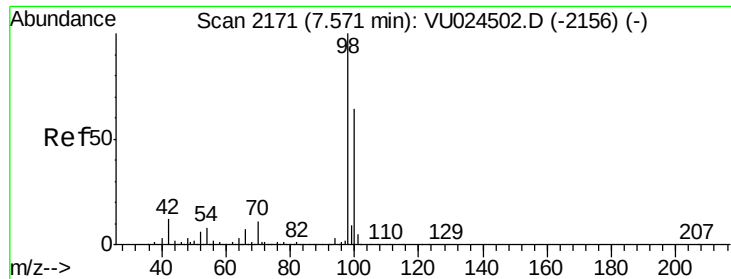
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.5	16.2	24.4



#40
 Benzene
 Concen: 4.34 ug/l
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#50

Toluene-d8

Concen: 48.33 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

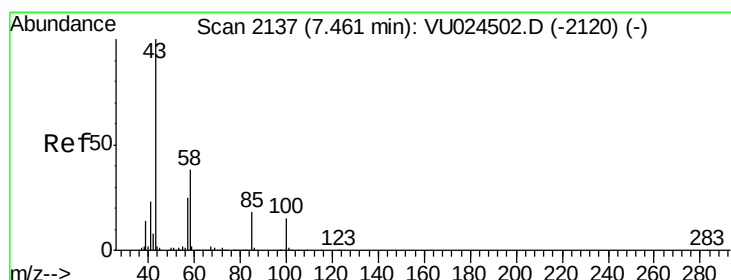
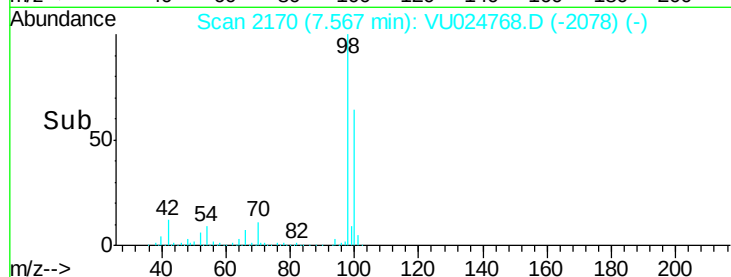
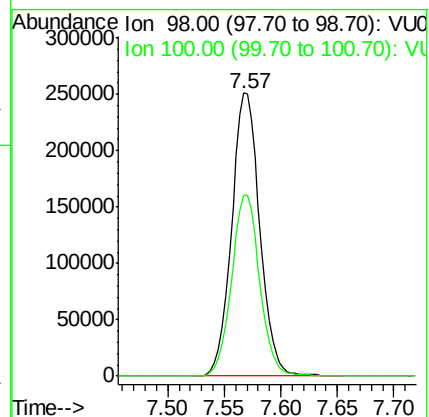
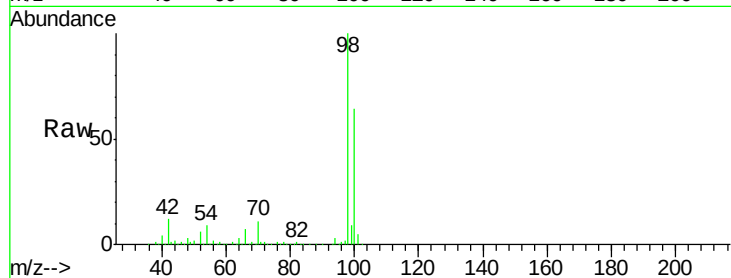
TPTW-03

Tot Ion: 98 Resp: 433879

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.95 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024768.D

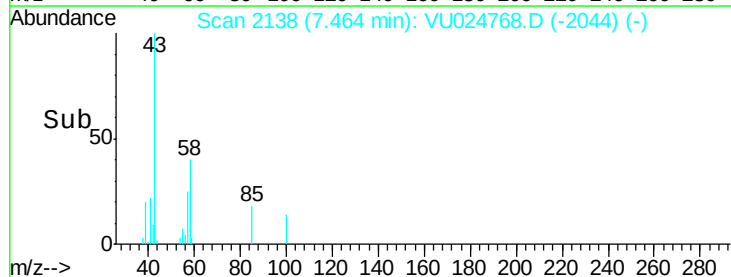
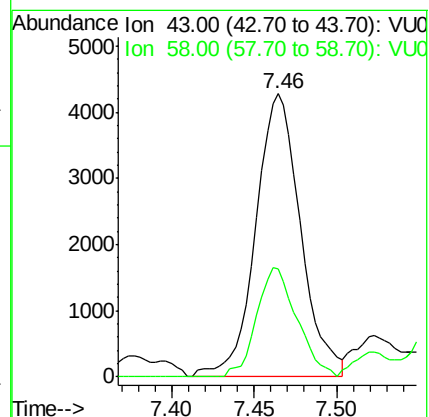
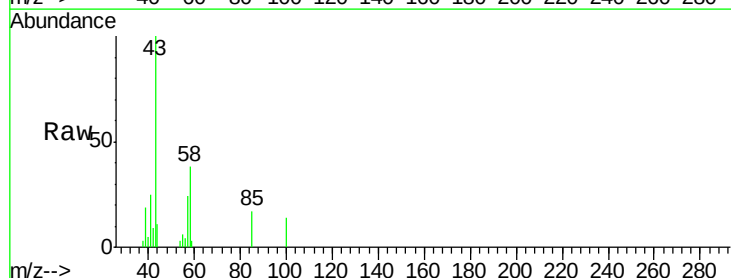
Acq: 20 Jun 2018 19:33

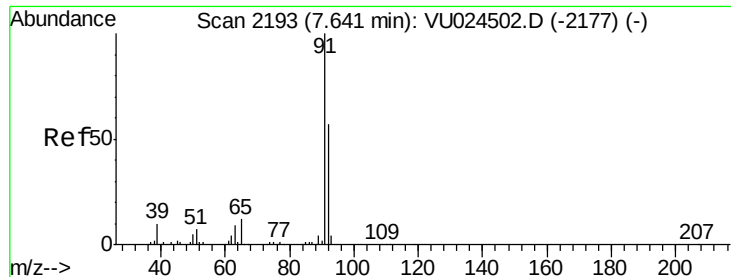
Tgt Ion: 43 Resp: 8063

Ion Ratio Lower Upper

43 100

58 34.4 30.0 45.0





#52

Toluene

Concen: 0.95 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

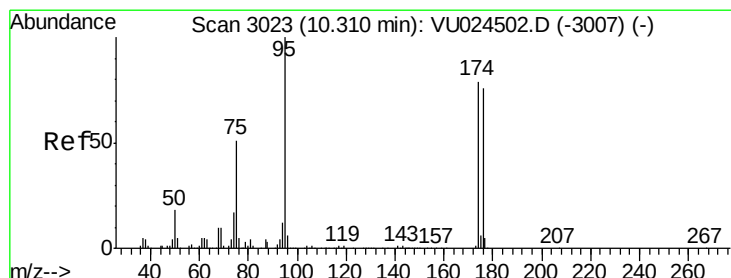
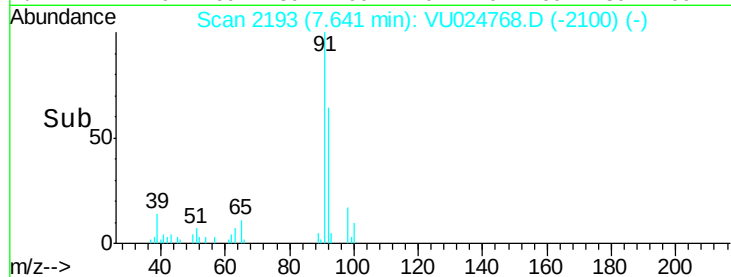
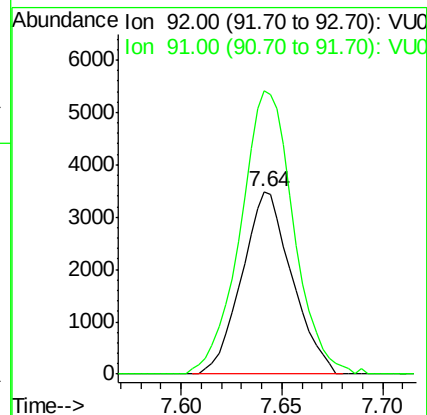
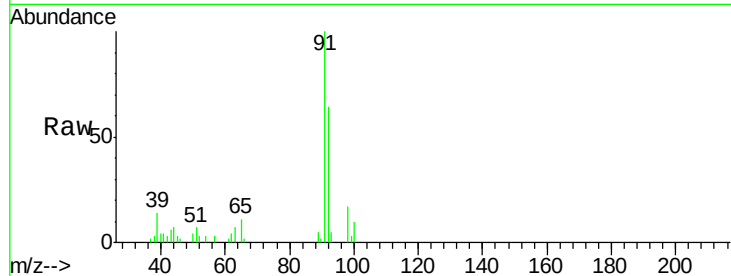
TPTW-03

Tot Ion: 92 Resp: 6042

Ion Ratio Lower Upper

92 100

91 164.9 140.5 210.7



#62

4-Bromofluorobenzene

Concen: 43.96 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

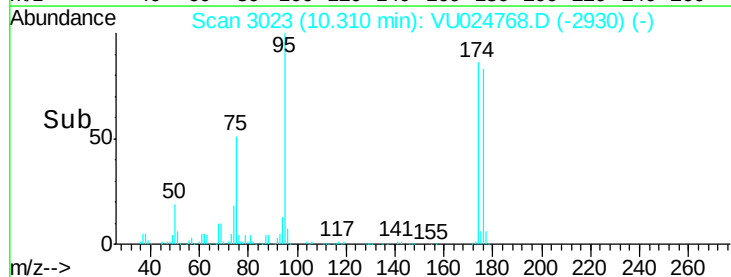
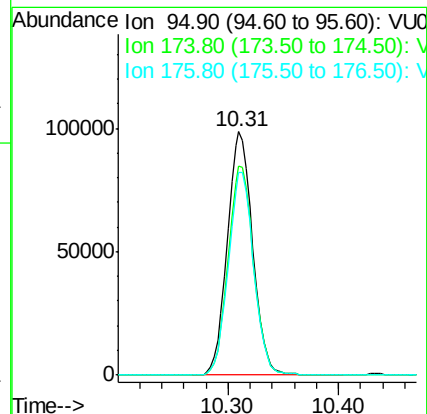
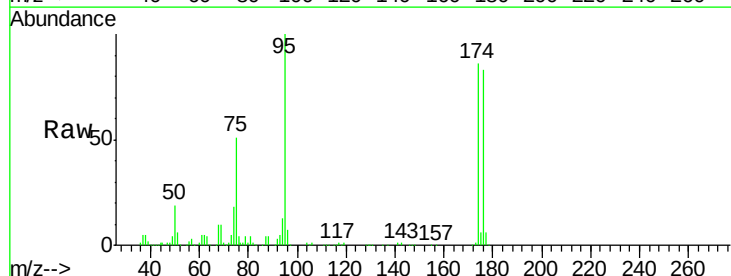
Tgt Ion: 95 Resp: 156687

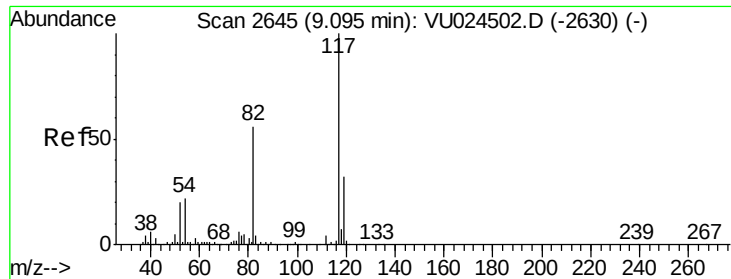
Ion Ratio Lower Upper

95 100

174 86.6 0.0 165.8

176 83.6 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: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

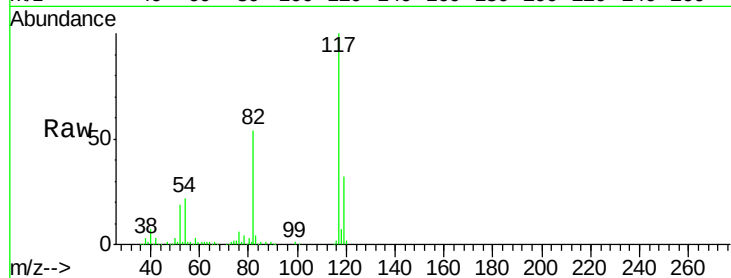
Tot Ion:117 Resp: 276418

Ion Ratio Lower Upper

117 100

82 53.7 44.3 66.5

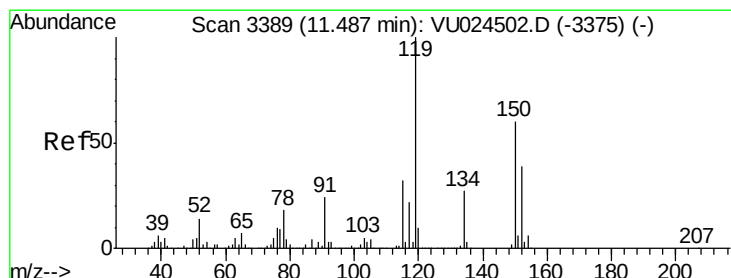
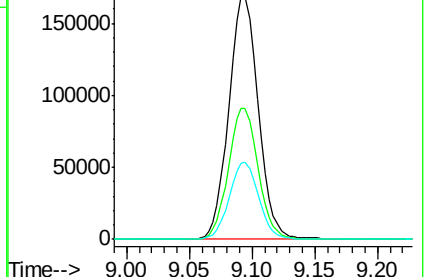
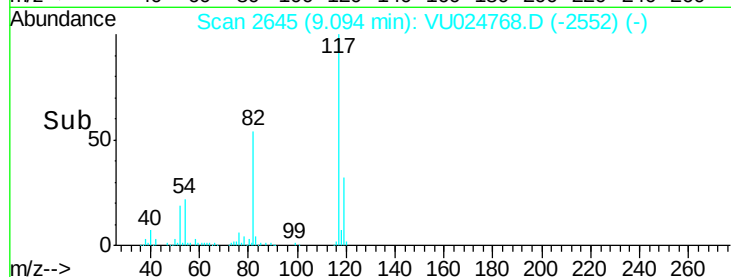
119 31.5 25.4 38.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

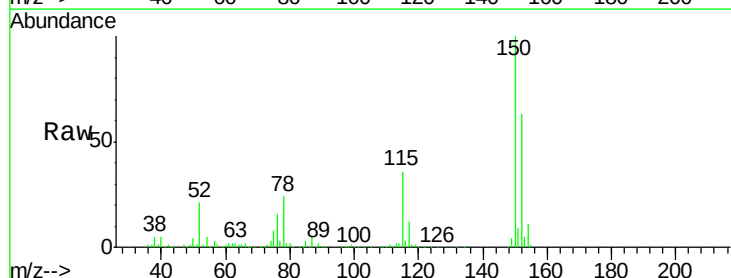
Tgt Ion:152 Resp: 150810

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

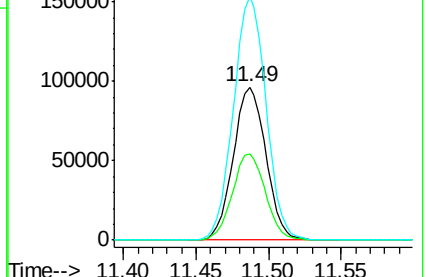
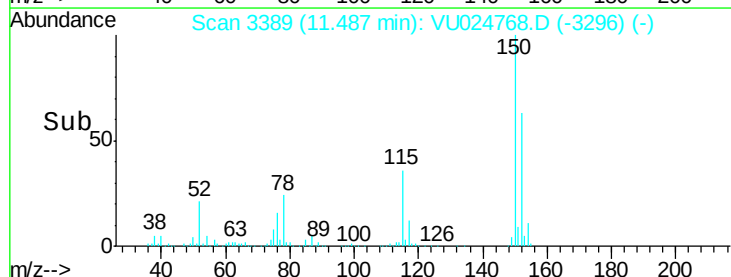
150 158.7 0.0 354.0

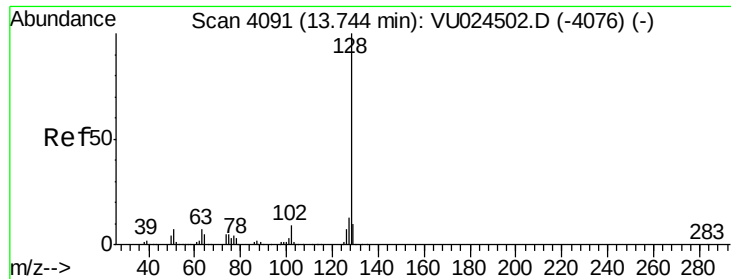


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.87 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

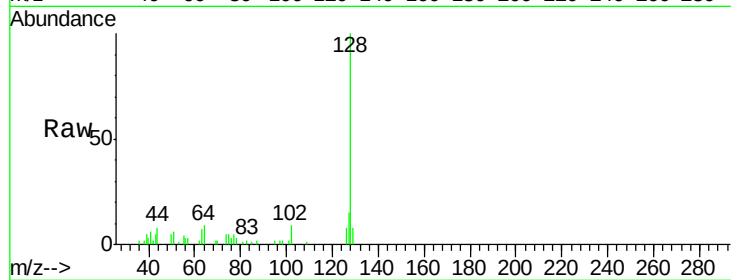
Tot Ion:128 Resp: 13350

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.7 8.6 12.8



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

