

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024769.D
 Acq On : 20 Jun 2018 19:57
 Operator : MD/SY
 Sample : J3529-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-02

Quant Time: Jun 21 07:51:51 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	209982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	326324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	306491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145578	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	4.89	113	127789	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	7.57	98	478750	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.31	95	176205	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

Target Compounds					Qvalue
3) Chloromethane	1.33	50	2852	1.062 ug/l	100
5) Bromomethane	1.64	94	659	0.492 ug/l	81
6) Chloroethane	1.70	64	46	Below Cal #	43
10) Methyl Iodide	2.41	142	164	5.355 ug/l #	40
11) Tert butyl alcohol	2.82	59	12615	15.131 ug/l	98
13) Acrolein	2.20	56	98	0.224 ug/l #	13
15) Acrylonitrile	2.99	53	367	0.226 ug/l #	33
16) Acetone	2.32	43	110704	60.104 ug/l	95
17) Carbon Disulfide	2.48	76	2056	0.269 ug/l #	75
18) Methyl Acetate	2.44	43	3999	1.013 ug/l #	53
19) Methyl tert-butyl Ether	3.00	73	33801	3.761 ug/l	98
25) 2-Butanone	4.27	43	27333	11.048 ug/l	98
29) Tetrahydrofuran	4.67	42	394	0.257 ug/l #	34
31) Cyclohexane	4.99	56	4348	Below Cal #	1
36) 1,1-Dichloropropene	4.98	75	15441	4.027 ug/l #	51
37) Ethyl Acetate	4.27	43	27333	6.540 ug/l #	70
38) Carbon Tetrachloride	4.99	117	19809	4.698 ug/l #	16
40) Benzene	5.39	78	106586	9.755 ug/l	99
42) 1,2-Dichloroethane	5.40	62	850	0.204 ug/l #	77
43) Isopropyl Acetate	5.59	43	2355	0.326 ug/l #	64
51) 4-Methyl-2-Pentanone	7.46	43	3193	0.704 ug/l	93
52) Toluene	7.64	92	7671	1.091 ug/l	98
59) 2-Hexanone	8.37	43	3934	1.062 ug/l	96
67) Ethyl Benzene	9.25	91	125732	9.160 ug/l	97
68) m/p-Xylenes	9.38	106	25036	4.750 ug/l	98
69) o-Xylene	9.78	106	49380	9.466 ug/l	95
70) Styrene	9.79	104	3144	0.367 ug/l #	1
73) Isopropylbenzene	10.17	105	11722	0.871 ug/l	98
74) N-amyl acetate	10.03	43	1479	0.231 ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	88791	23.004 ug/l #	35
79) 2-Chlorotoluene	10.68	91	2439	0.261 ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	18616	1.596 ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	88791	53.240 ug/l #	100
83) tert-Butylbenzene	11.15	119	7019	0.625 ug/l #	50

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QLast Update : Wed Jun 13 13:55:26 2018
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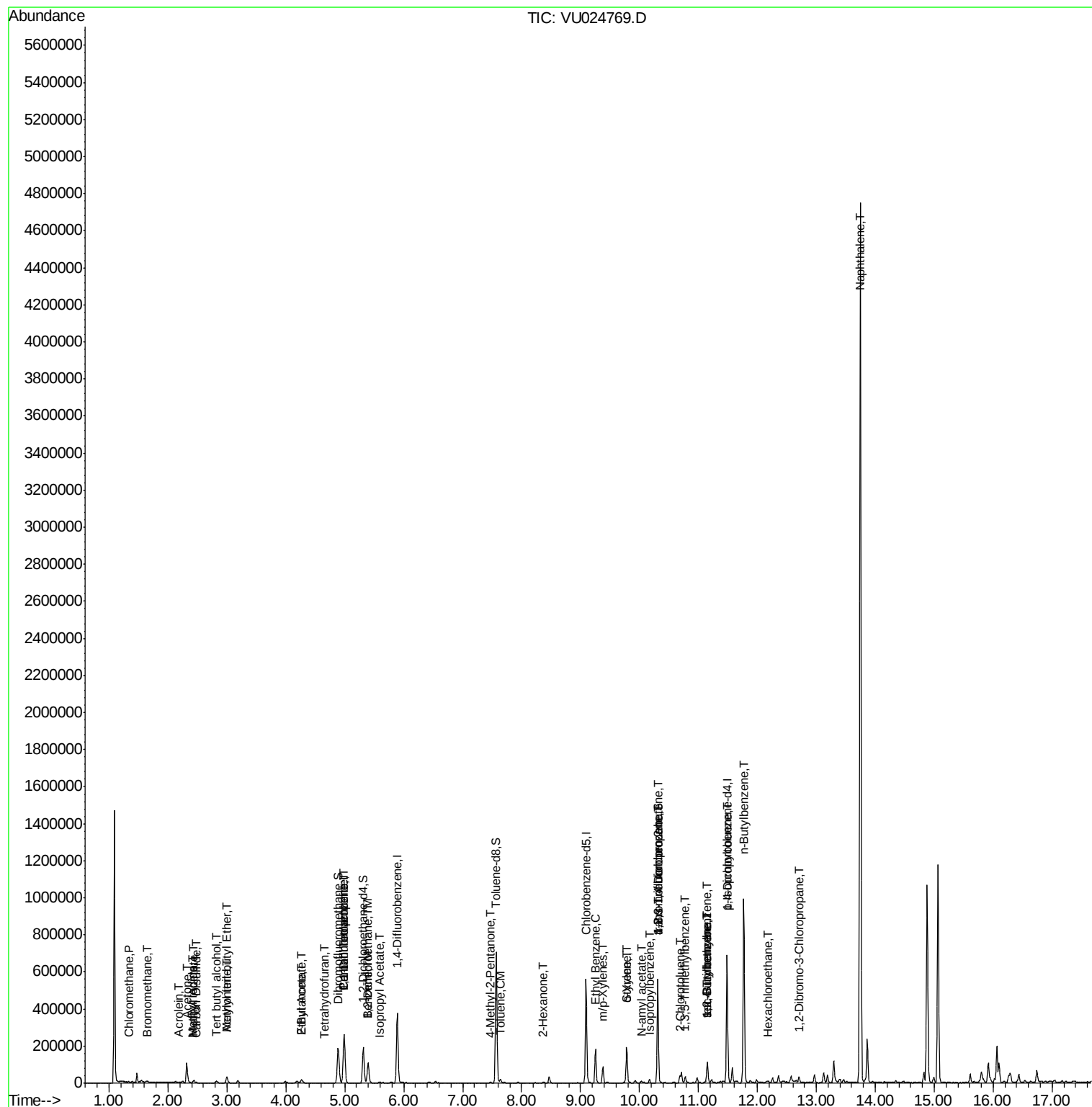
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	60317	5.073	ug/l	98
85) sec-Butylbenzene	11.15	105	60317	4.294	ug/l #	57
86) p-Isopropyltoluene	11.48	119	3407	0.271	ug/l #	68
89) n-Butylbenzene	11.77	91	79772	7.142	ug/l #	46
90) Hexachloroethane	12.17	117	1451	0.591	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.71	75	300	0.241	ug/l #	3
95) Naphthalene	13.75	128	3641431	279.319	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

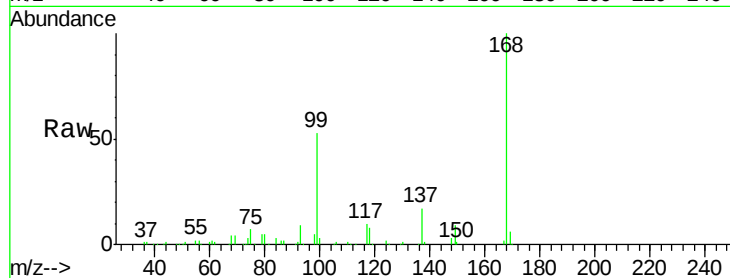
TPTW-02

Tgt Ion:168 Resp: 209982

Ion Ratio Lower Upper

168 100

99 52.7 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) (-)

4.99

100000

80000

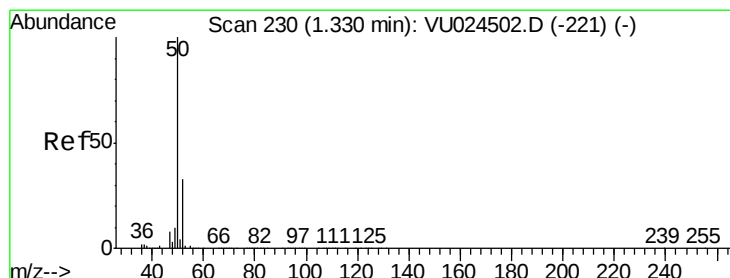
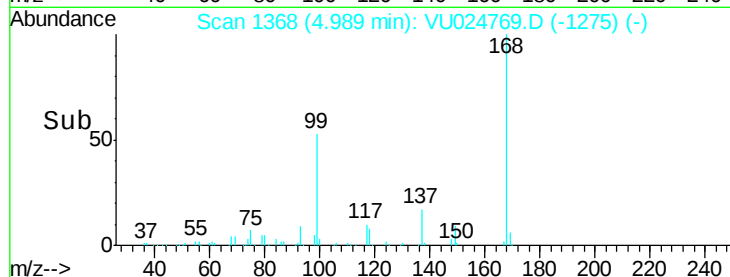
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.062 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024769.D

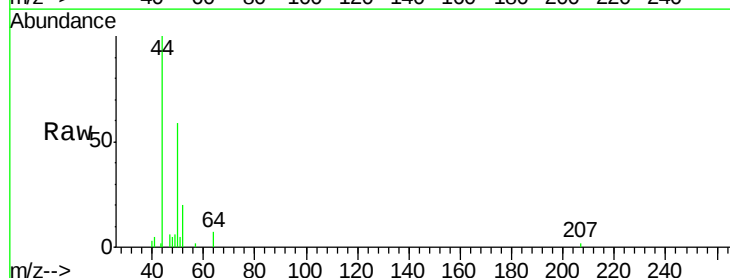
Acq: 20 Jun 2018 19:57

Tgt Ion: 50 Resp: 2852

Ion Ratio Lower Upper

50 100

52 33.2 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) (-)

1.33

3000

2500

2000

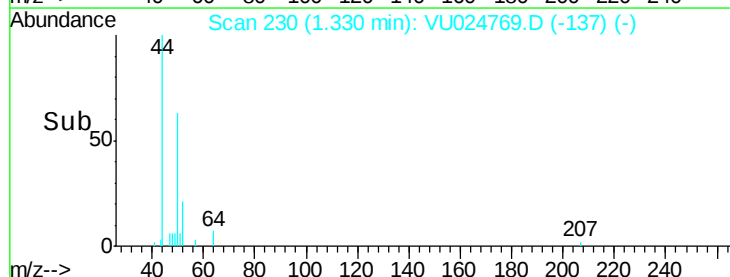
1500

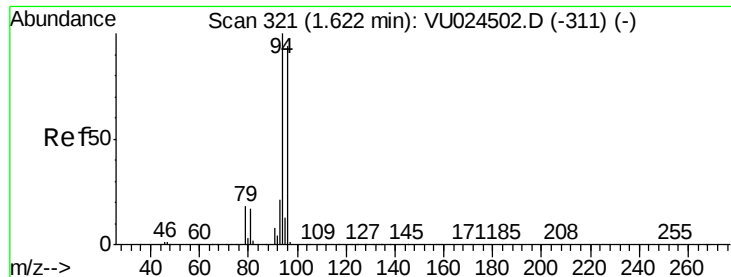
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.492 ug/l

RT: 1.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

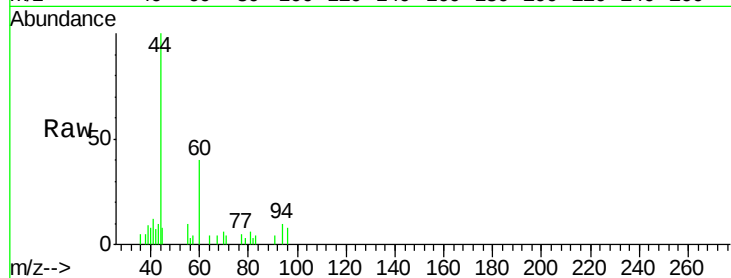
TPTW-02

Tgt Ion: 94 Resp: 659

Ion Ratio Lower Upper

94 100

96 74.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.64

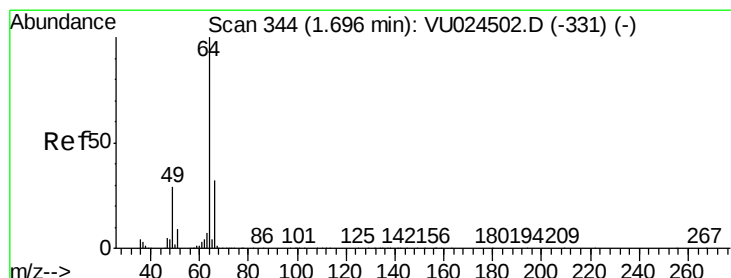
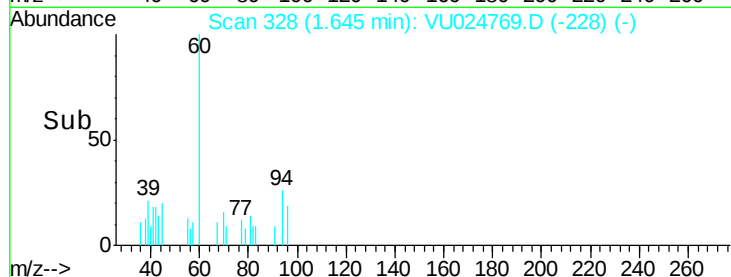
300

200

100

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024769.D

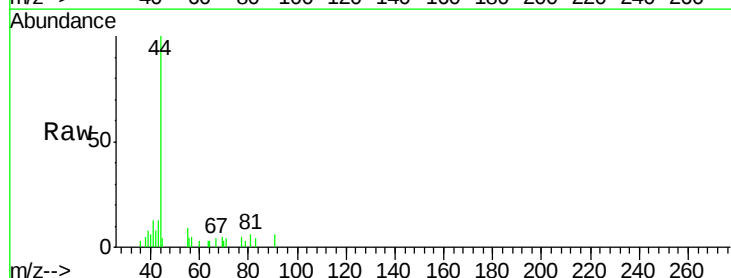
Acq: 20 Jun 2018 19:57

Tgt Ion: 64 Resp: 46

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

200

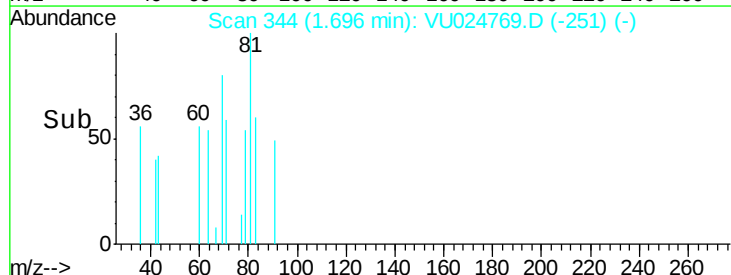
150

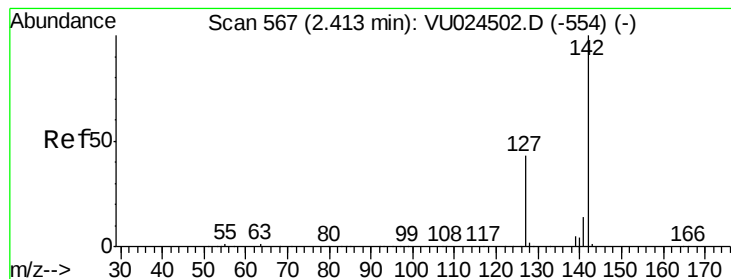
100

50

0

Time-->





#10

Methyl Iodide

Concen: 5.355 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

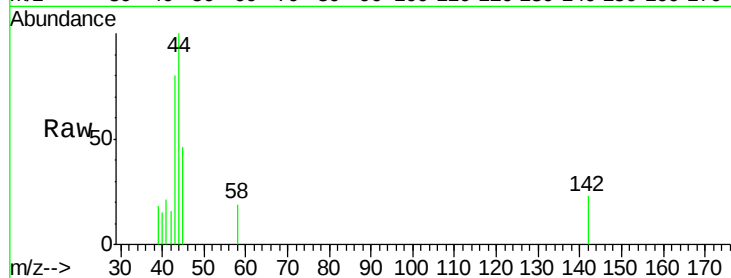
Tgt Ion:142 Resp: 164

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

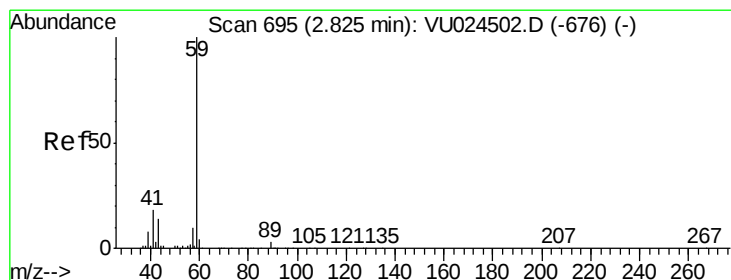
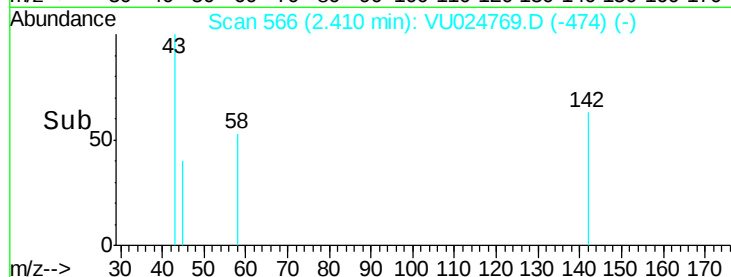
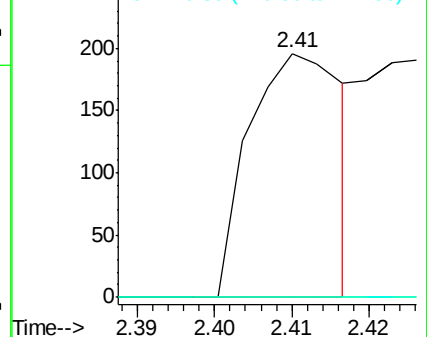
141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 15.131 ug/l

RT: 2.82 min Scan# 693

Delta R.T. -0.01 min

Lab File: VU024769.D

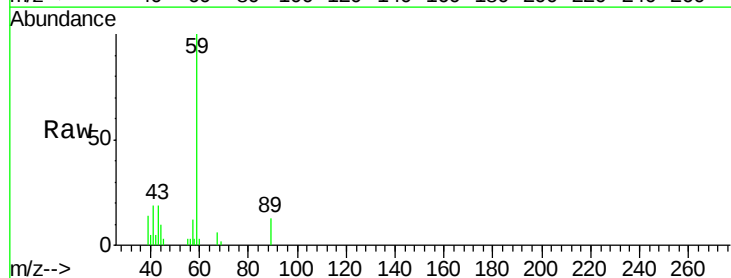
Acq: 20 Jun 2018 19:57

Tgt Ion: 59 Resp: 12615

Ion Ratio Lower Upper

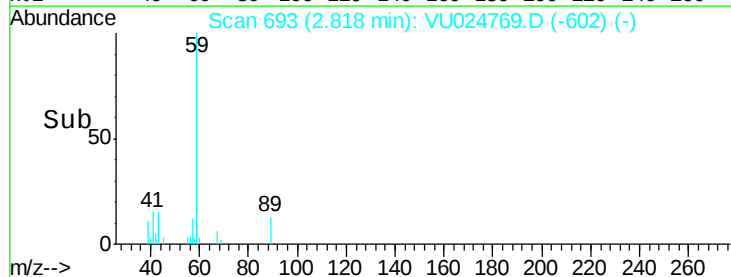
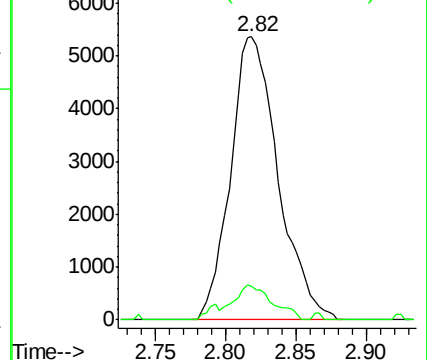
59 100

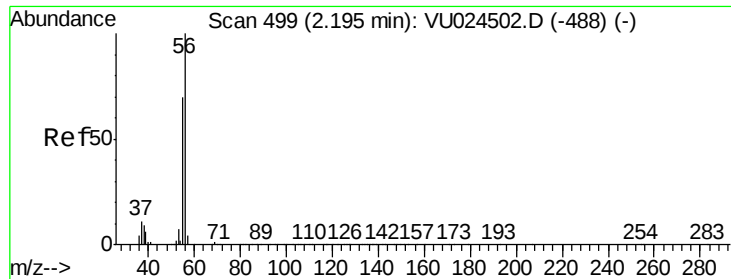
57 9.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#13

Acrolein

Concen: 0.224 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

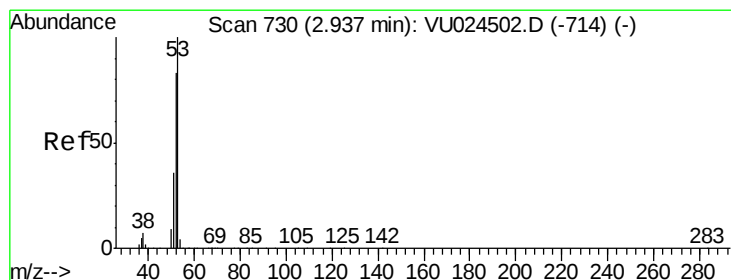
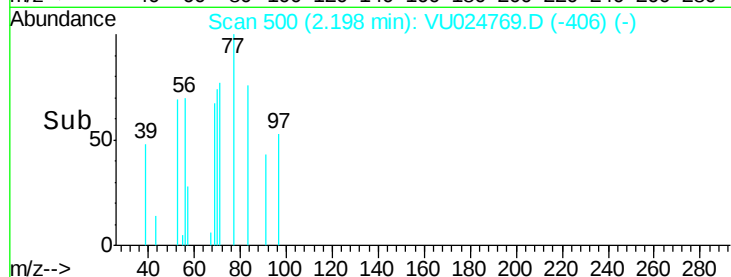
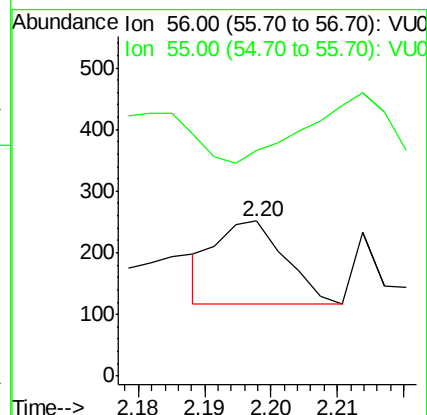
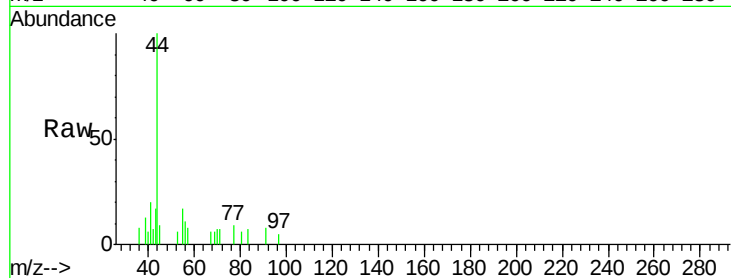
TPTW-02

Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 0.0 58.4 87.6#



#15

Acrylonitrile

Concen: 0.226 ug/l

RT: 2.99 min Scan# 747

Delta R.T. 0.05 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

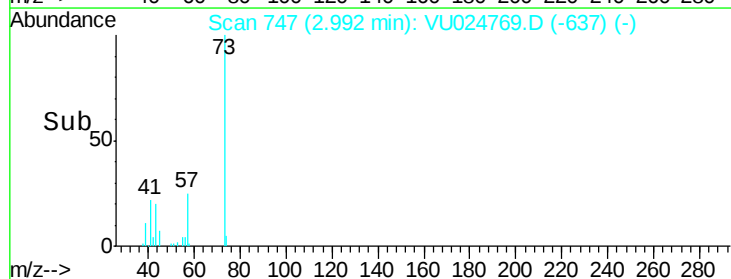
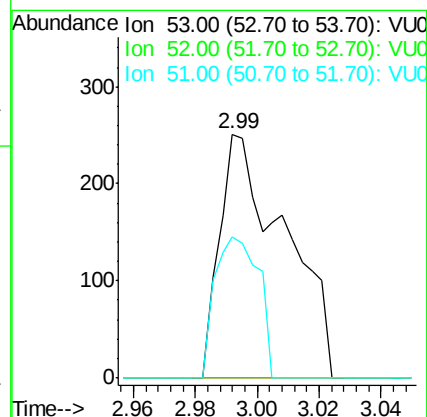
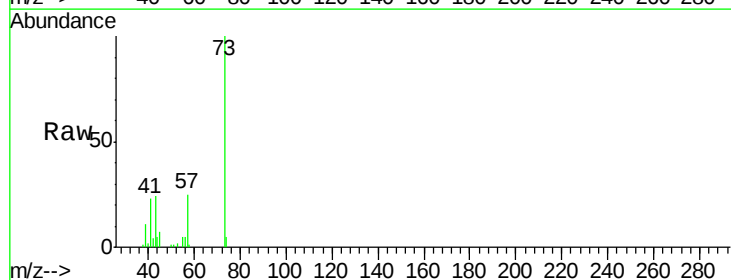
Tgt Ion: 53 Resp: 367

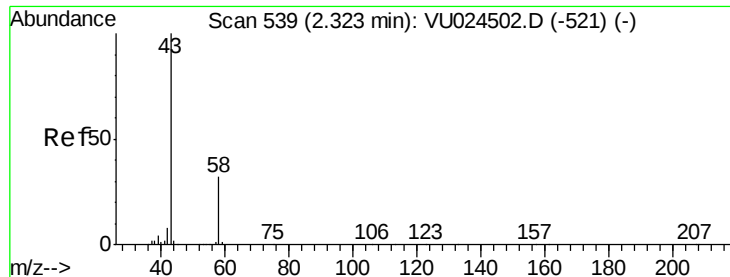
Ion Ratio Lower Upper

53 100

52 0.0 67.1 100.7#

51 38.7 28.4 42.6





#16

Acetone

Concen: 60.104 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

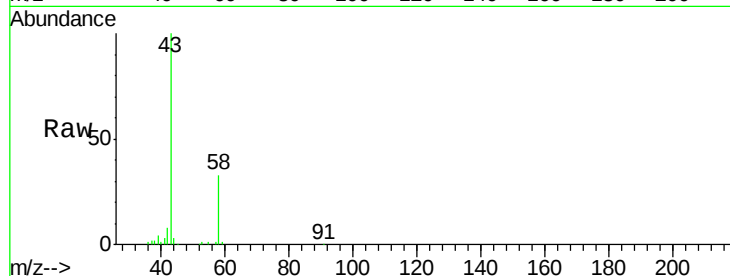
TPTW-02

Tgt Ion: 43 Resp: 110704

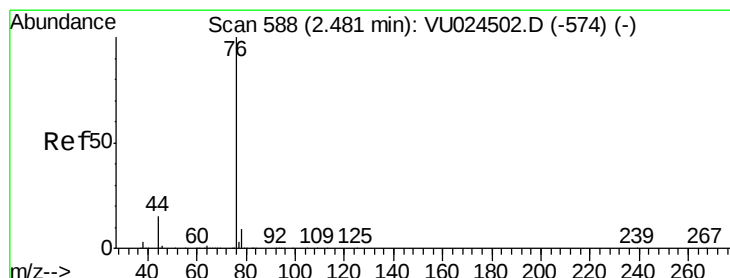
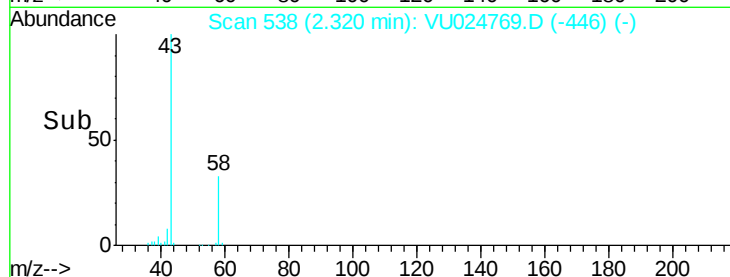
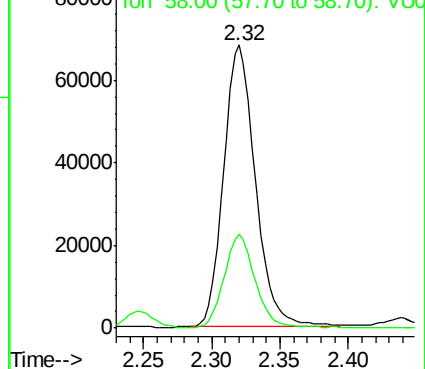
Ion Ratio Lower Upper

43 100

58 33.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024769.D (-446) (-)



#17

Carbon Disulfide

Concen: 0.269 ug/l

RT: 2.48 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU024769.D

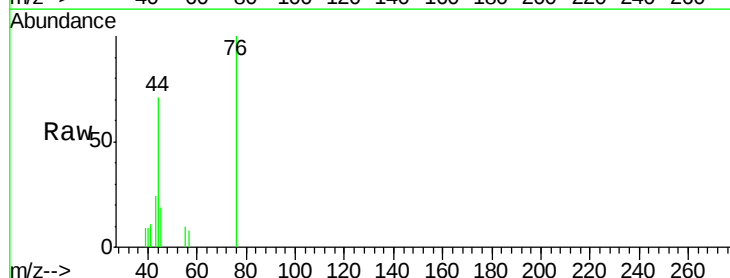
Acq: 20 Jun 2018 19:57

Tgt Ion: 76 Resp: 2056

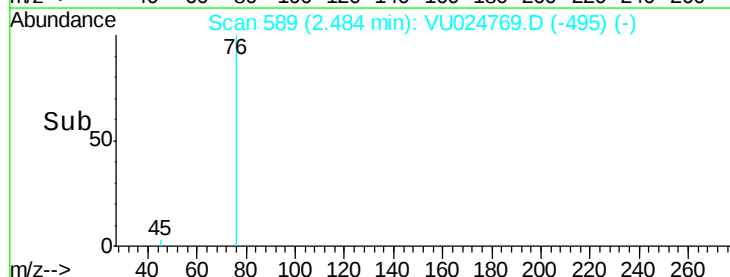
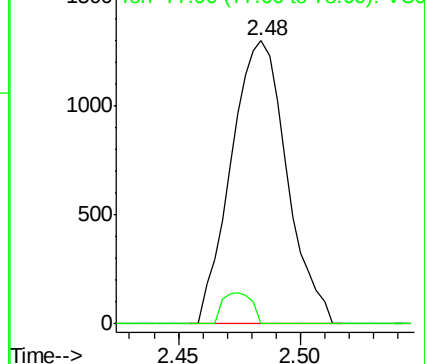
Ion Ratio Lower Upper

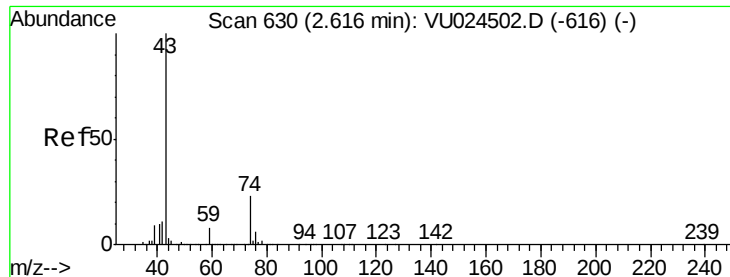
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU024769.D (-495) (-)

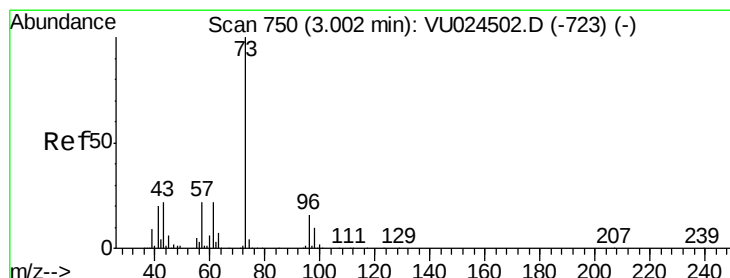
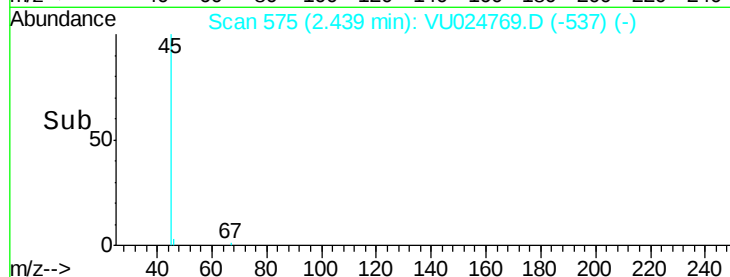
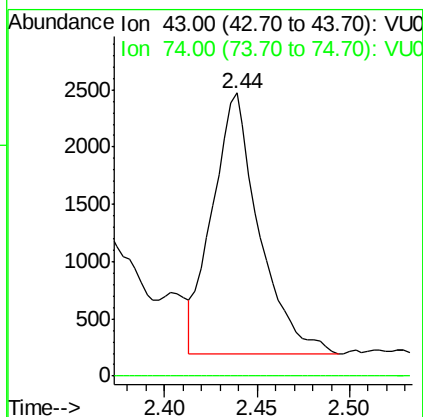
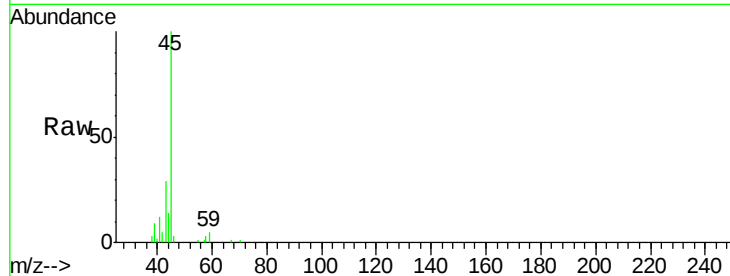




#18
Methyl Acetate
Concen: 1.013 ug/l
RT: 2.44 min Scan# 575
Delta R.T. -0.18 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

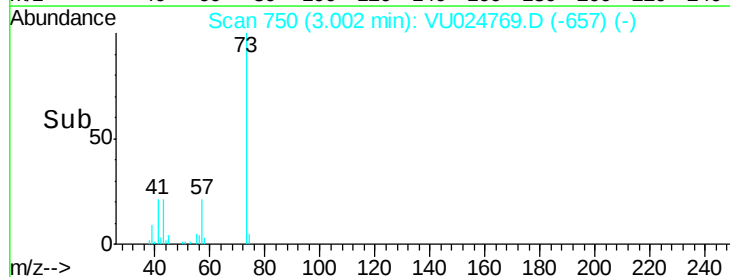
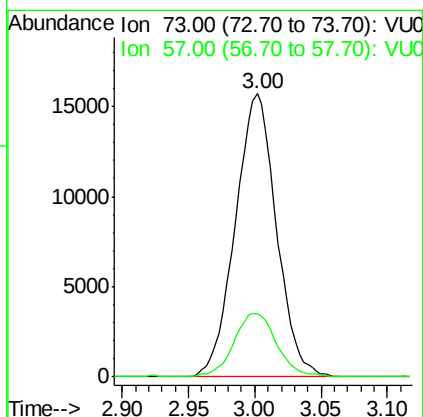
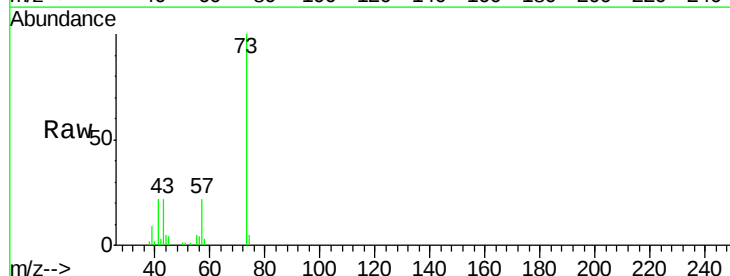
Instrument :
MSVOA_U
ClientSampleId :
TPTW-02

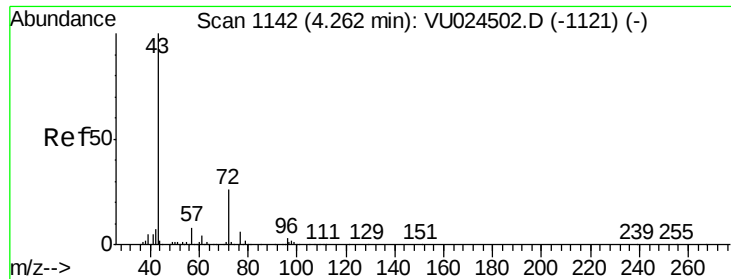
Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#19
Methyl tert-butyl Ether
Concen: 3.761 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion: 73 Resp: 33801
Ion Ratio Lower Upper
73 100
57 22.3 18.8 28.2

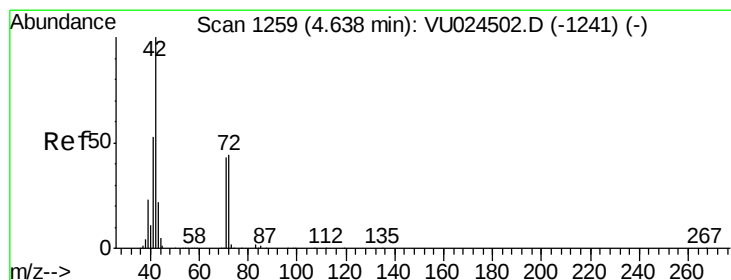
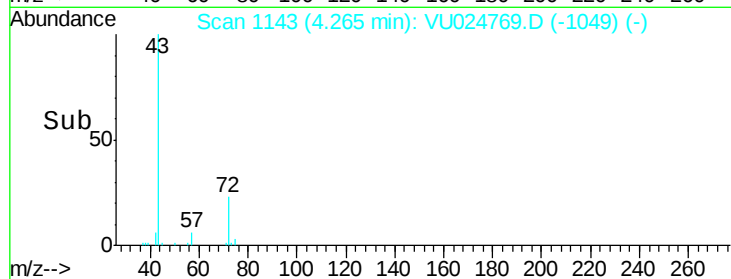
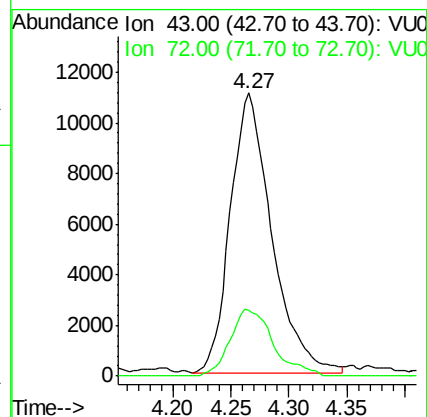
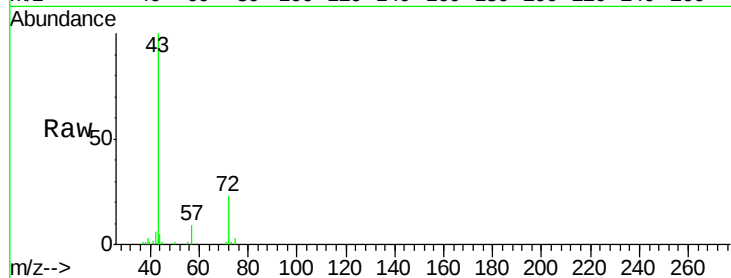




#25
2-Butanone
Concen: 11.048 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

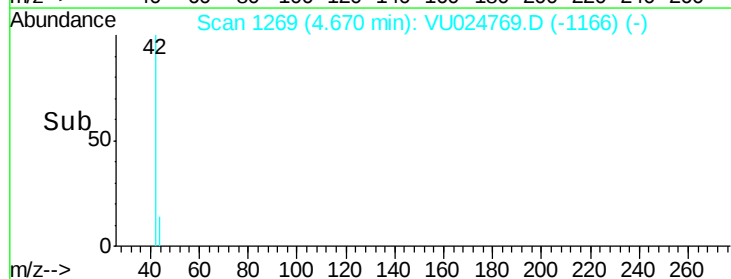
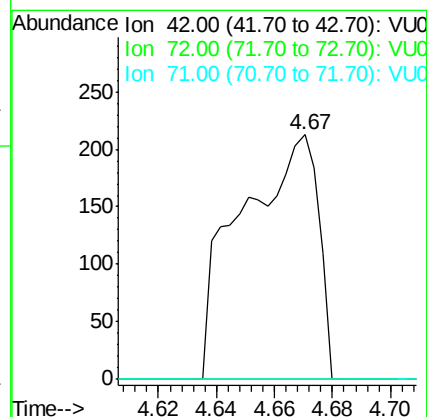
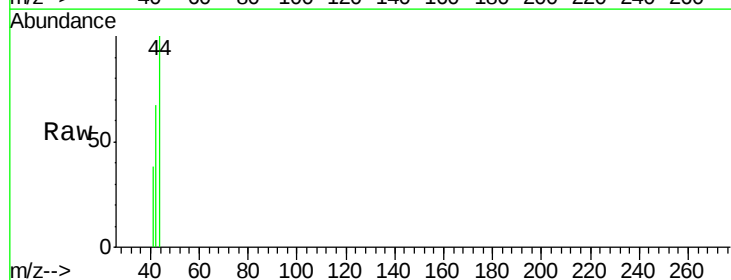
Instrument :
MSVOA_U
ClientSampleId :
TPTW-02

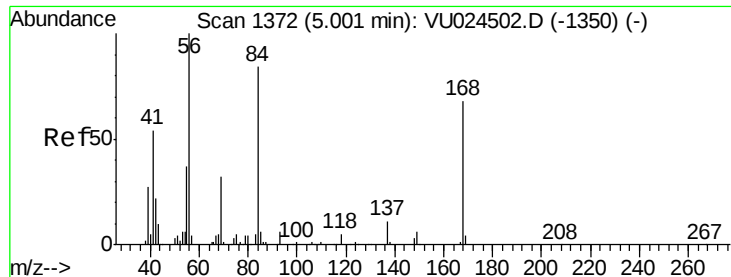
Tgt Ion: 43 Resp: 27333
Ion Ratio Lower Upper
43 100
72 23.5 19.6 29.4



#29
Tetrahydrofuran
Concen: 0.257 ug/l
RT: 4.67 min Scan# 1269
Delta R.T. 0.03 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 32.2 48.4#

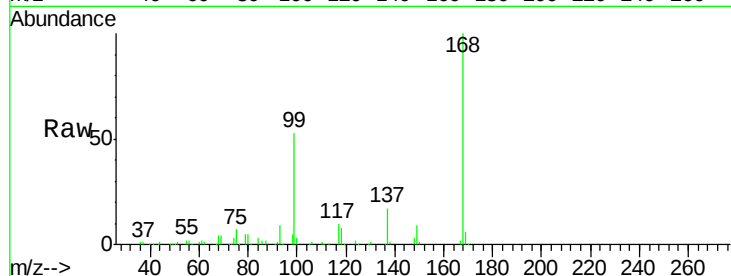




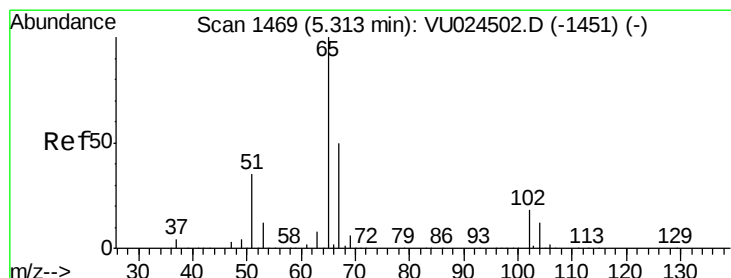
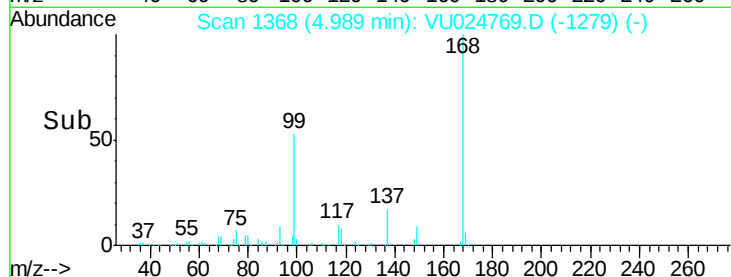
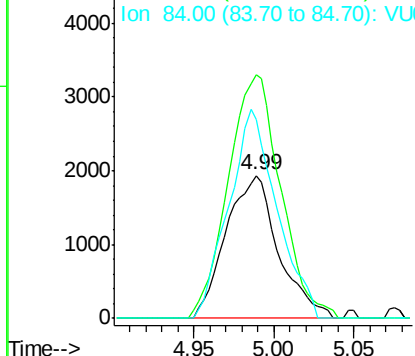
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Instrument :
MSVOA_U
ClientSampled :
TPTW-02

Tgt Ion: 56 Resp: 4348
Ion Ratio Lower Upper
56 100
69 170.9 24.8 37.2#
84 139.4 65.2 97.8#

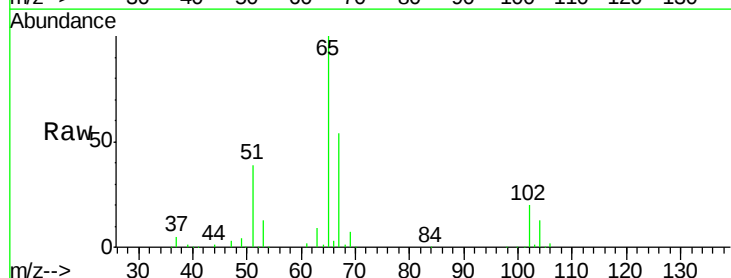


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

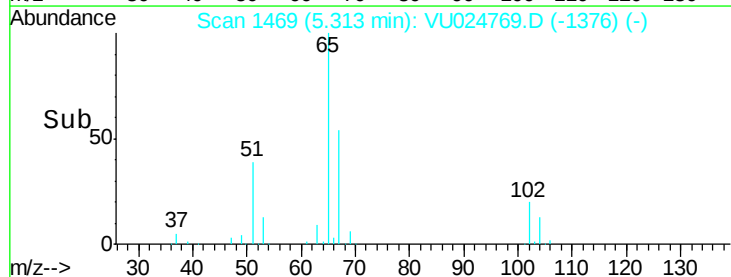
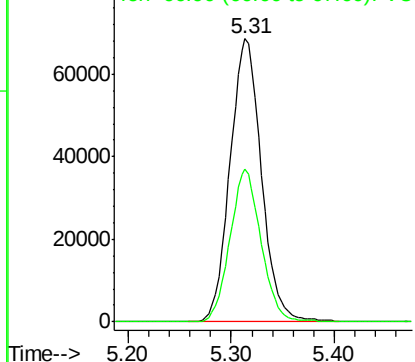


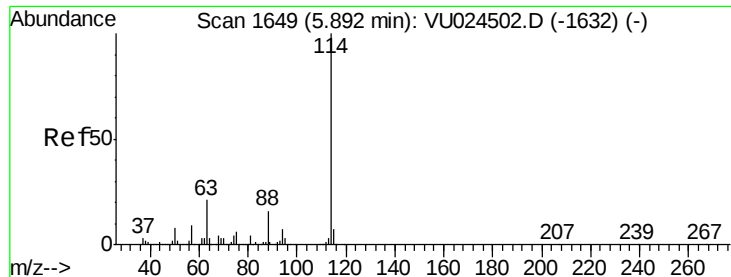
#33
1,2-Dichloroethane-d4
Concen: 42.467 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion: 65 Resp: 145578
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

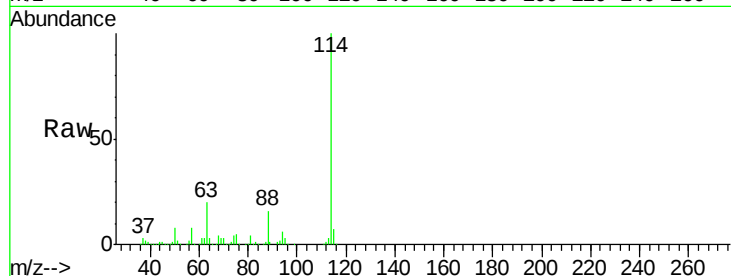
Tgt Ion:114 Resp: 326324

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

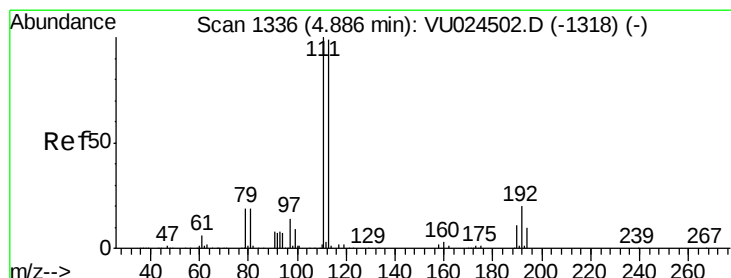
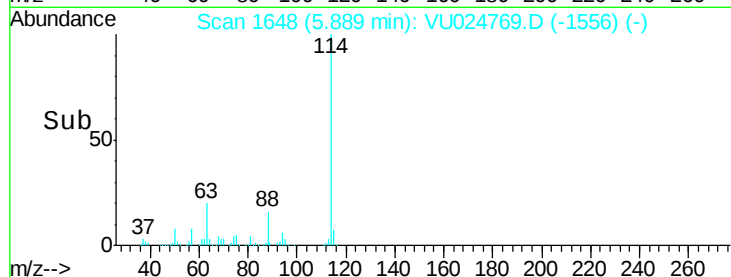
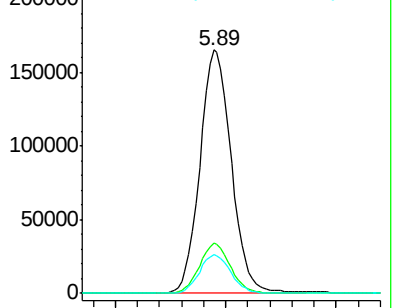
88 15.8 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 47.185 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

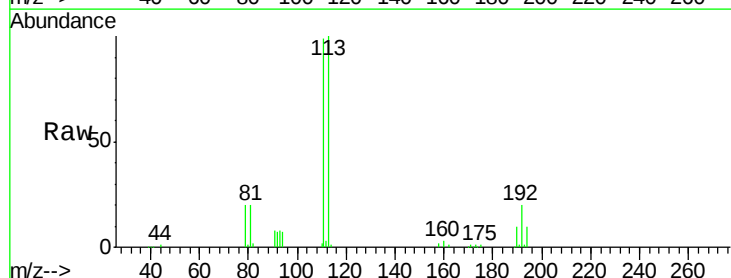
Tgt Ion:113 Resp: 127789

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

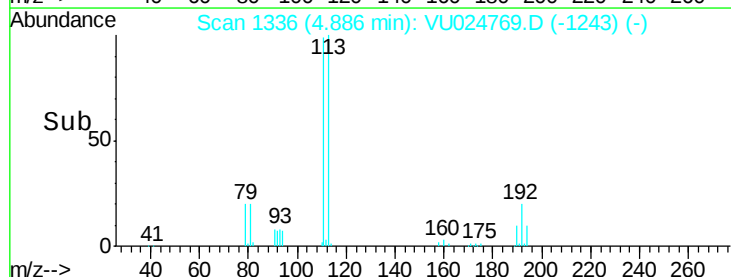
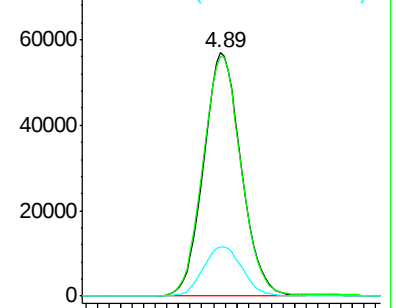
192 21.1 16.2 24.4

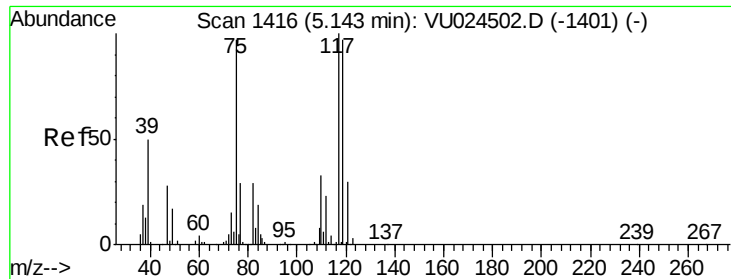


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.027 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

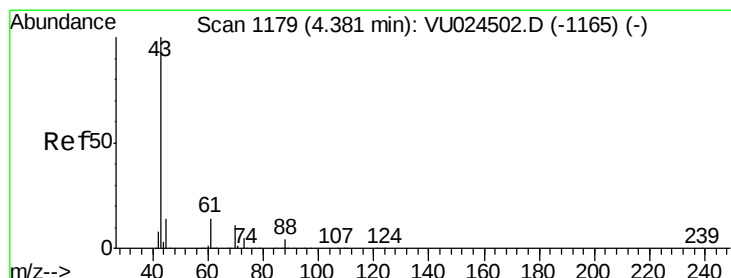
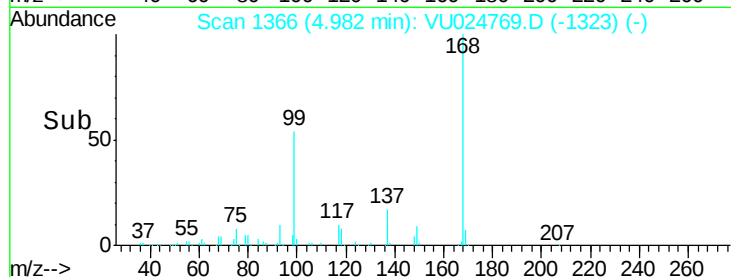
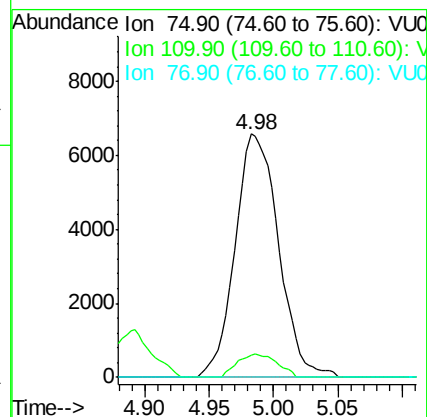
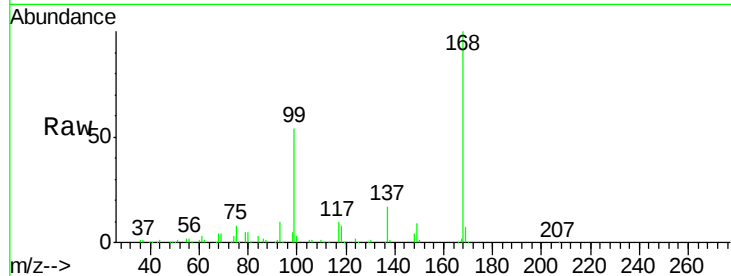
Tgt Ion: 75 Resp: 15441

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 6.540 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. -0.12 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

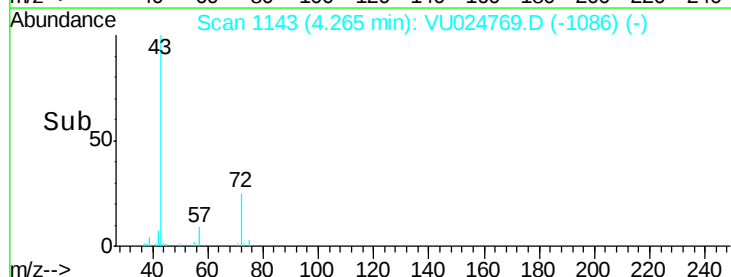
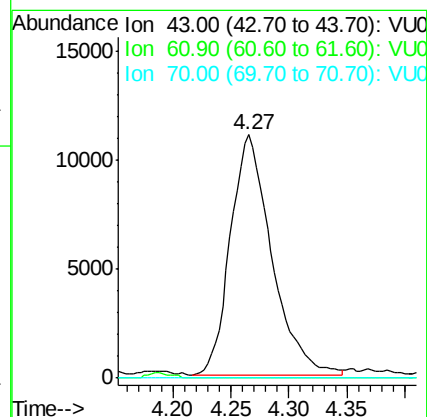
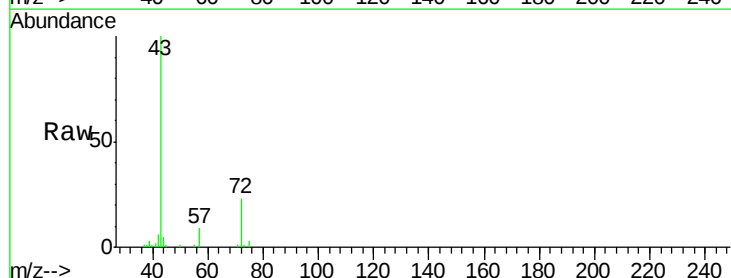
Tgt Ion: 43 Resp: 27333

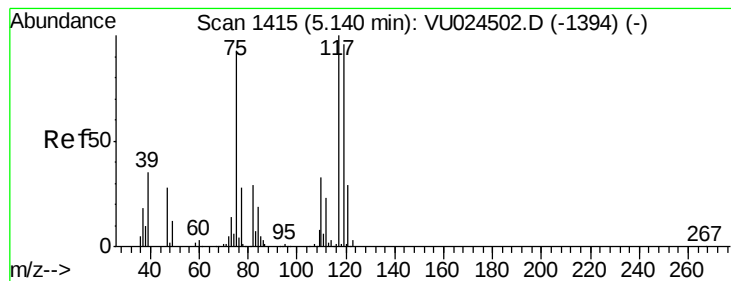
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.2#





#38

Carbon Tetrachloride

Concen: 4.698 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

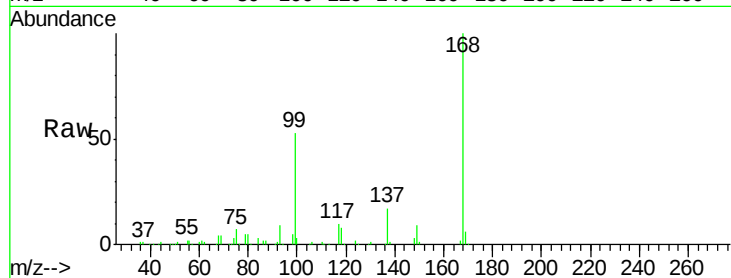
Tgt Ion:117 Resp: 19809

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

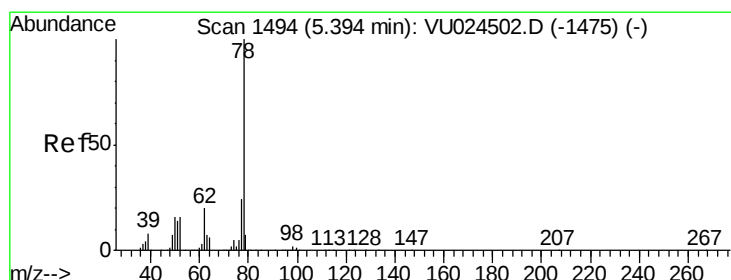
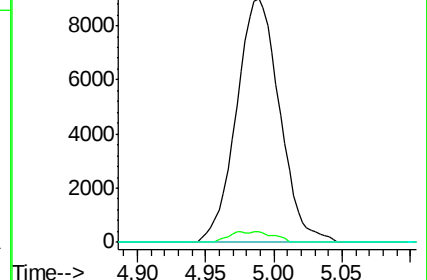
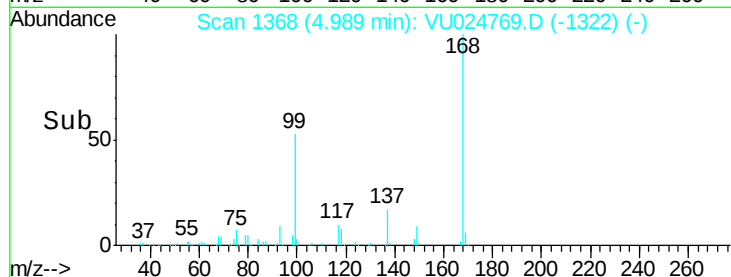
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 9.755 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU024769.D

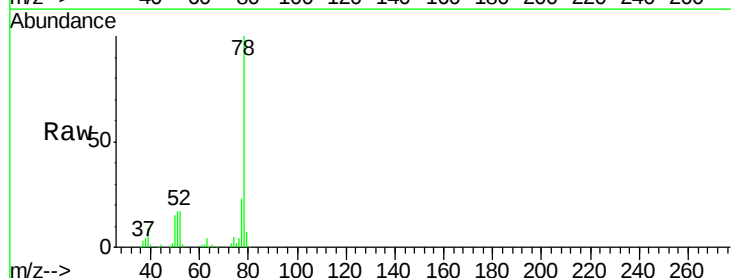
Acq: 20 Jun 2018 19:57

Tgt Ion: 78 Resp: 106586

Ion Ratio Lower Upper

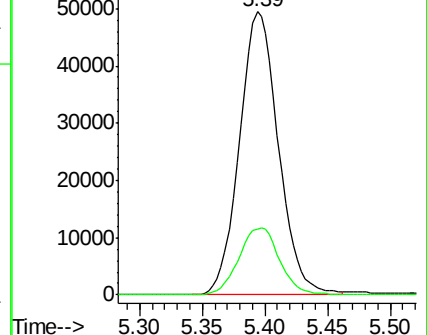
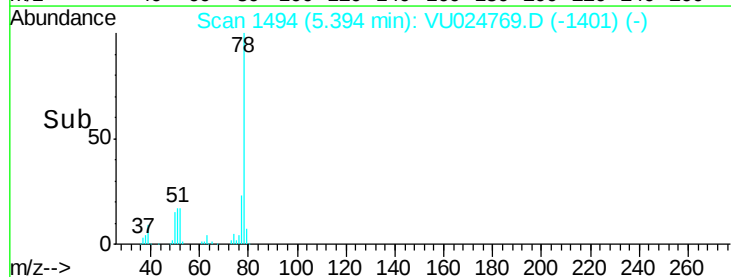
78 100

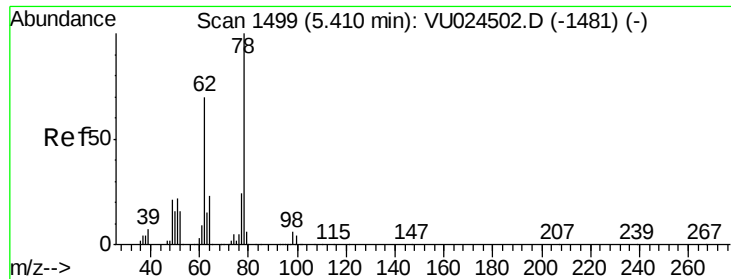
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#42

1,2-Dichloroethane

Concen: 0.204 ug/l

RT: 5.40 min Scan# 1496

Delta R.T. -0.01 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampled :

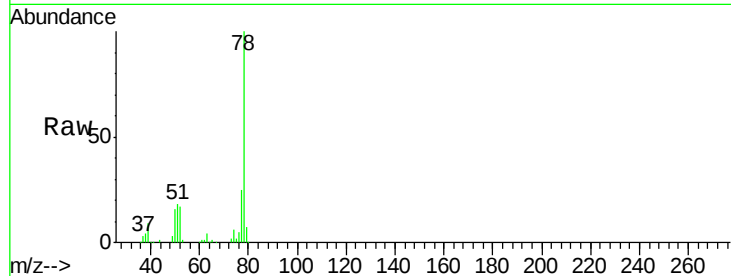
TPTW-02

Tgt Ion: 62 Resp: 850

Ion Ratio Lower Upper

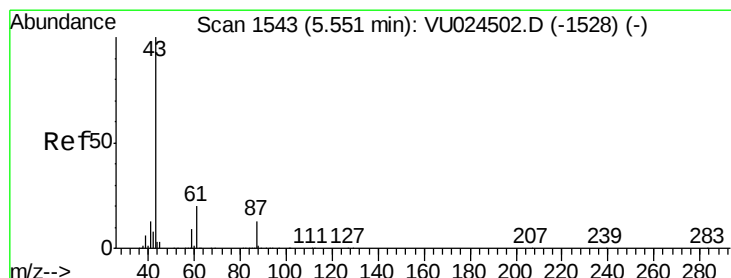
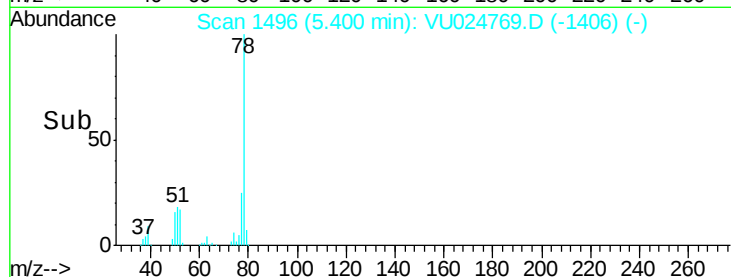
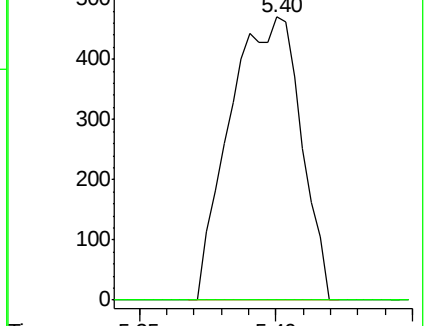
62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#43

Isopropyl Acetate

Concen: 0.326 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. 0.04 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

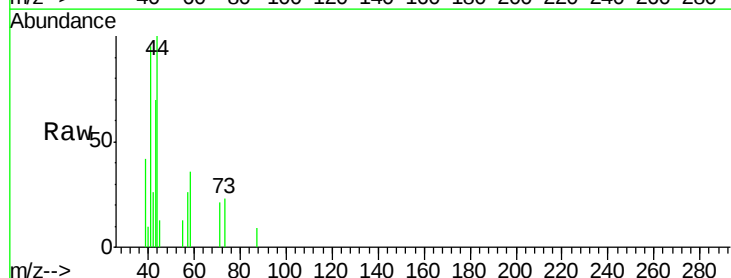
Tgt Ion: 43 Resp: 2355

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

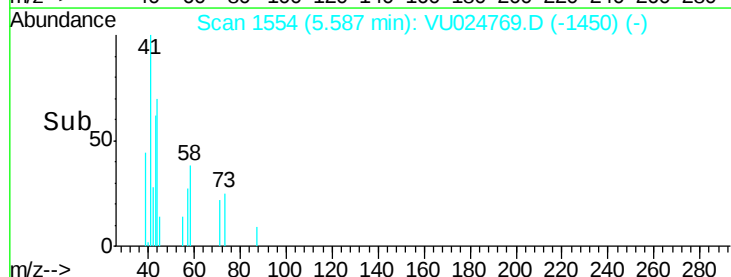
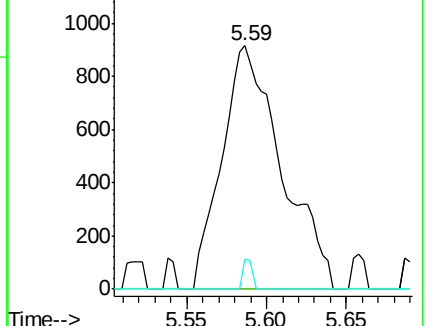
87 1.8 10.0 15.0#

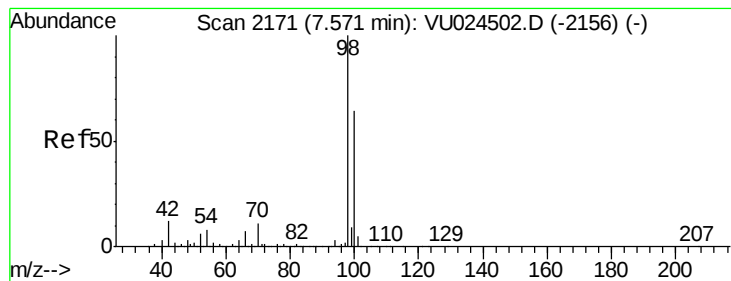


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 48.464 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

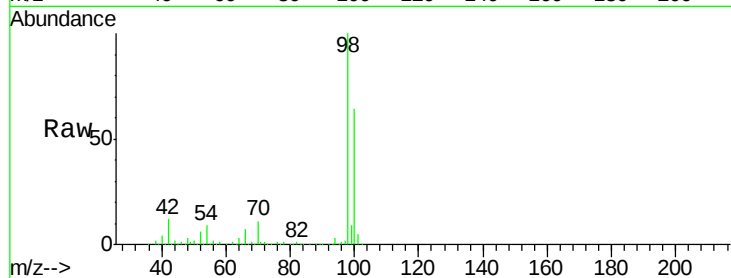
TPTW-02

Tgt Ion: 98 Resp: 478750

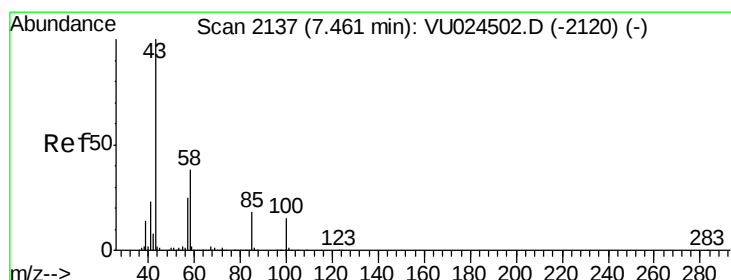
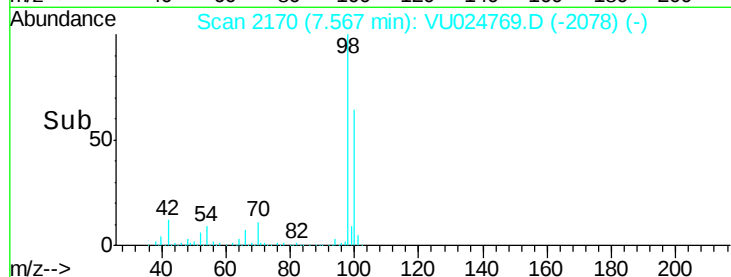
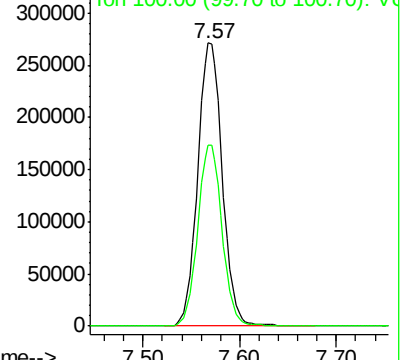
Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.704 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024769.D

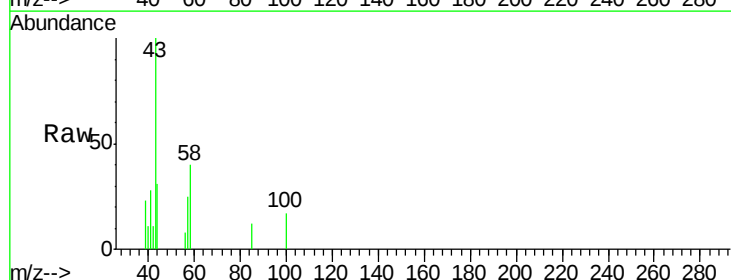
Acq: 20 Jun 2018 19:57

Tgt Ion: 43 Resp: 3193

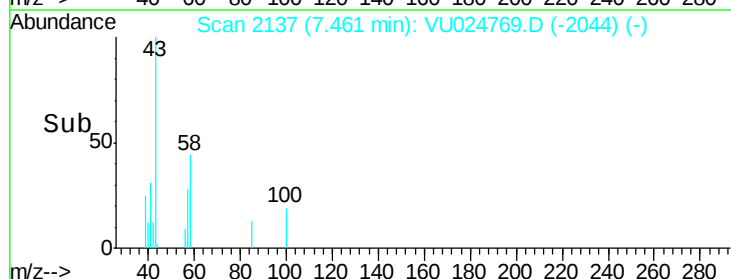
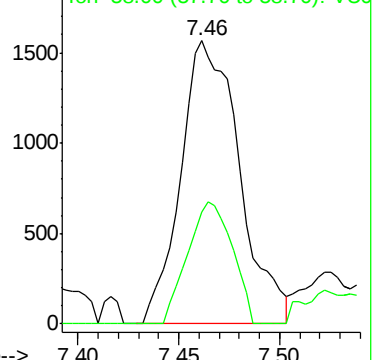
Ion Ratio Lower Upper

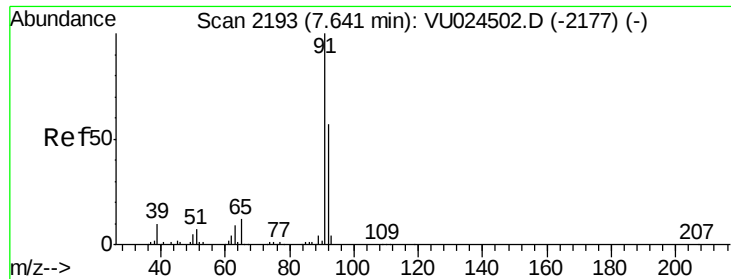
43 100

58 33.0 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-2120) (-)





#52

Toluene

Concen: 1.091 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

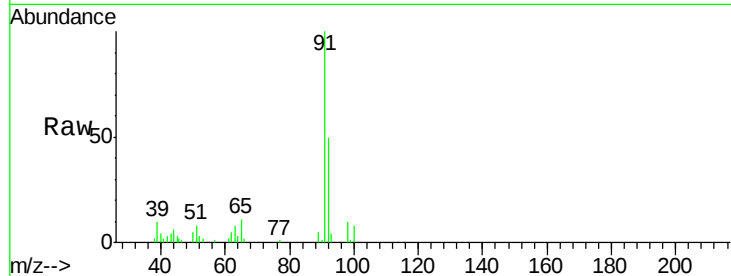
TPTW-02

Tgt Ion: 92 Resp: 7671

Ion Ratio Lower Upper

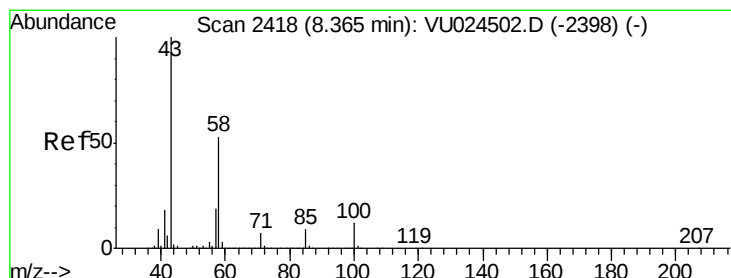
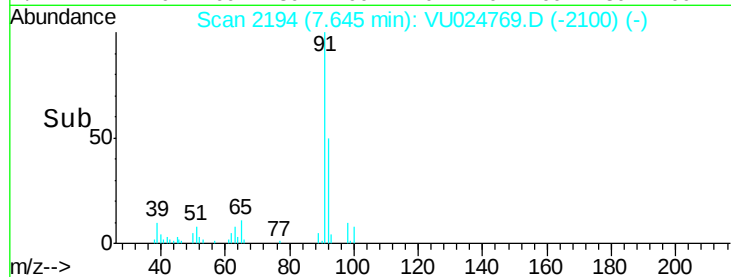
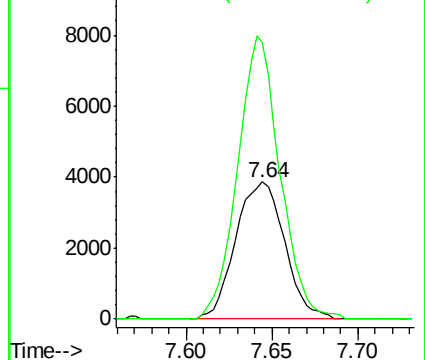
92 100

91 178.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 1.062 ug/l

RT: 8.37 min Scan# 2420

Delta R.T. 0.01 min

Lab File: VU024769.D

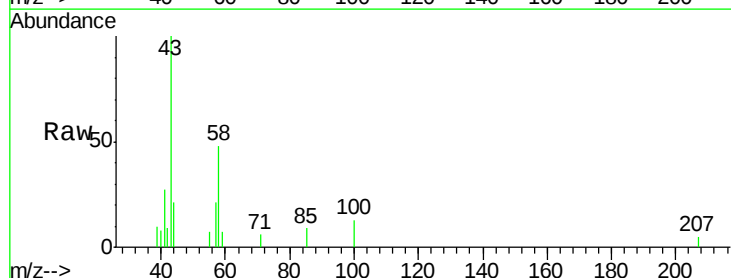
Acq: 20 Jun 2018 19:57

Tgt Ion: 43 Resp: 3934

Ion Ratio Lower Upper

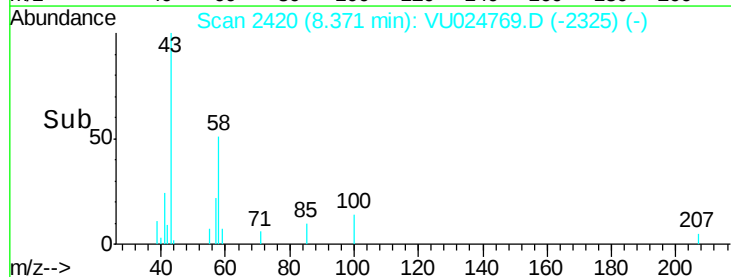
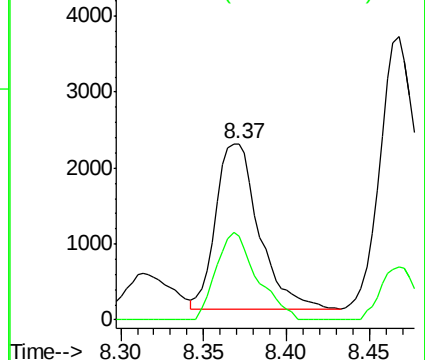
43 100

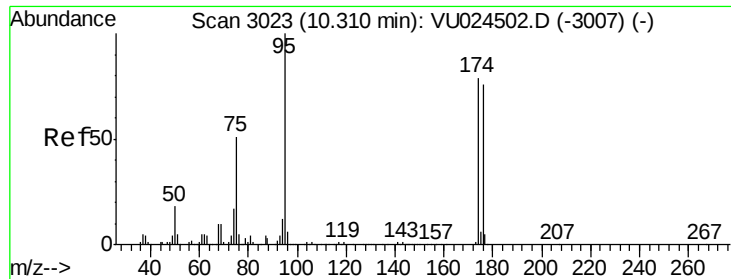
58 50.2 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.925 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

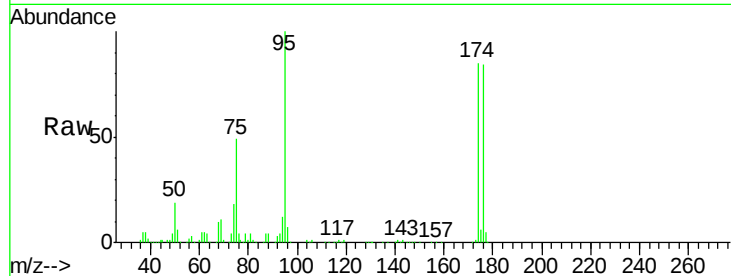
Tgt Ion: 95 Resp: 176205

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 84.1 0.0 159.4

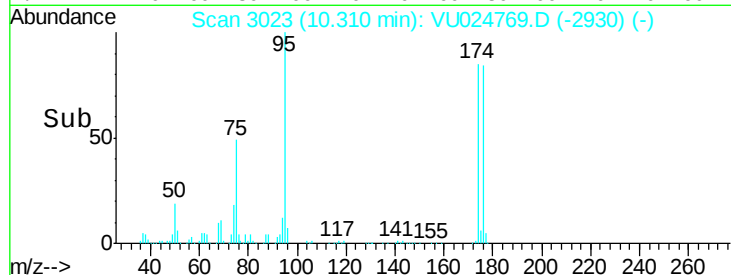


Abundance Ion 94.90 (94.60 to 95.60): VU024769.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024769.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024769.D (-2930) (-)

Time-->

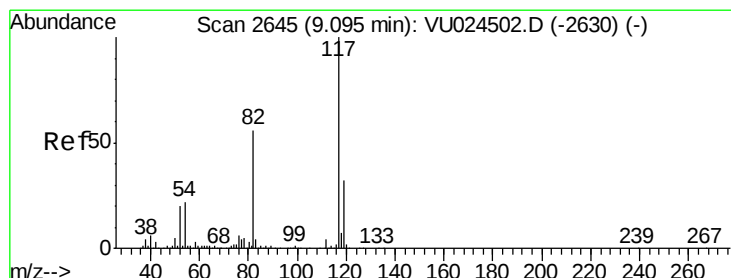


Abundance Ion 94.90 (94.60 to 95.60): VU024769.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024769.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024769.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

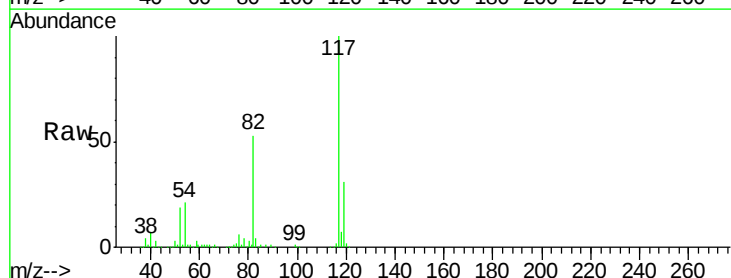
Tgt Ion: 117 Resp: 306491

Ion Ratio Lower Upper

117 100

82 53.0 44.3 66.5

119 31.2 25.4 38.2

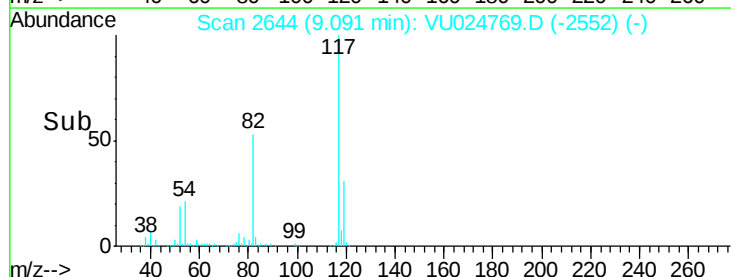


Abundance Ion 116.90 (116.60 to 117.60): VU024769.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024769.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024769.D (-2552) (-)

Time-->

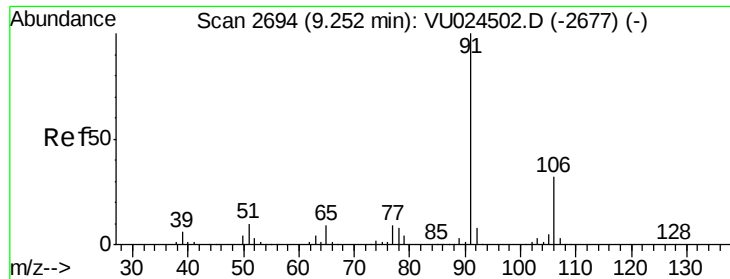


Abundance Ion 116.90 (116.60 to 117.60): VU024769.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024769.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024769.D (-2552) (-)

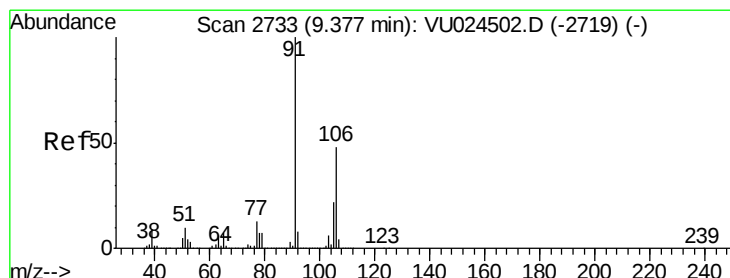
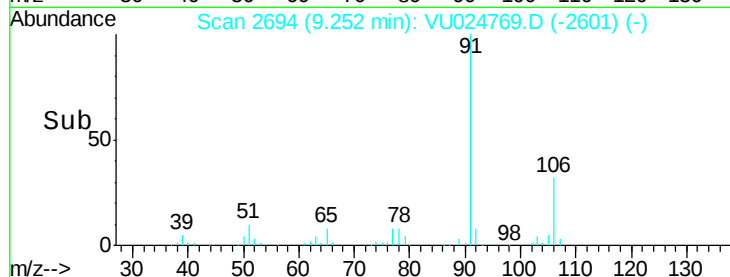
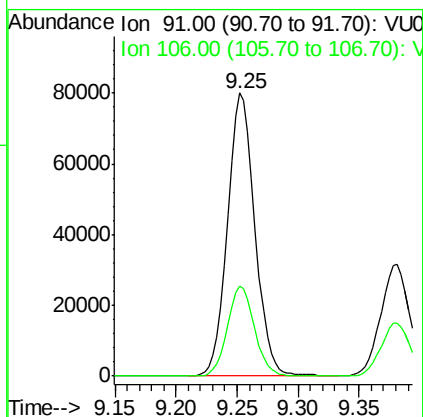
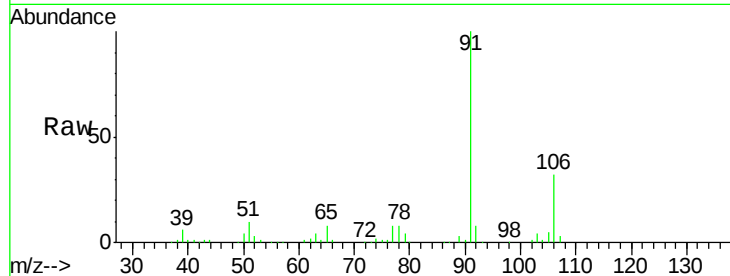
Time-->



#67
Ethyl Benzene
Concen: 9.160 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

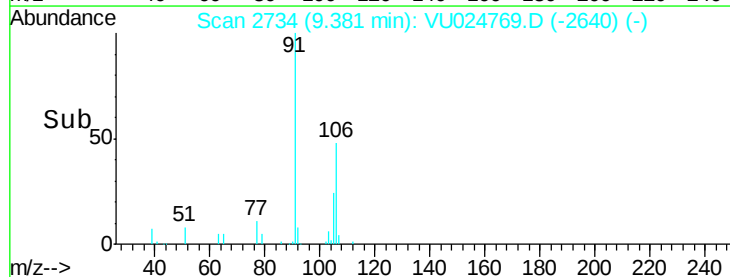
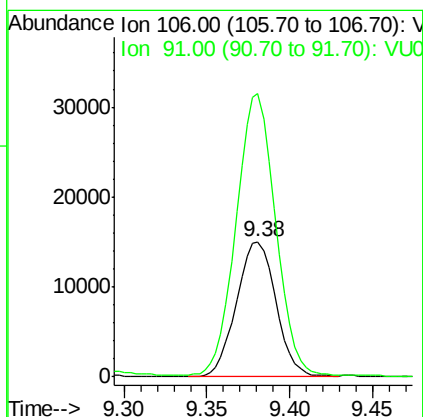
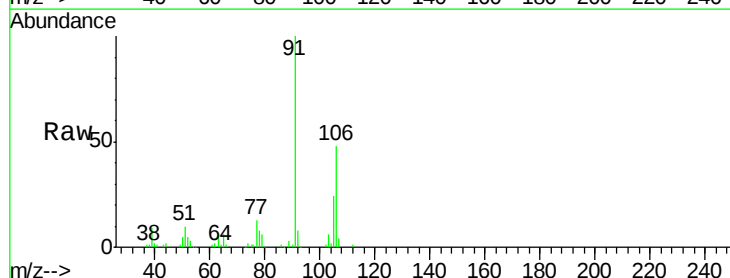
Instrument :
MSVOA_U
ClientSampleId :
TPTW-02

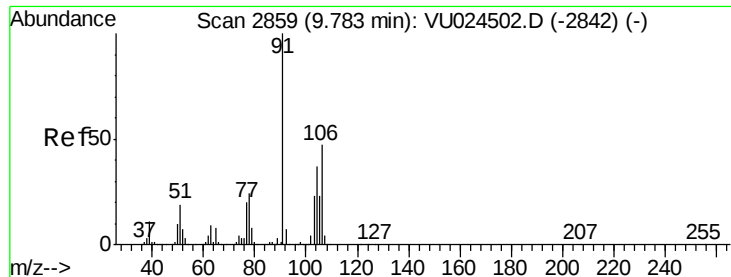
Tgt Ion: 91 Resp: 125732
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 4.750 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion: 106 Resp: 25036
Ion Ratio Lower Upper
106 100
91 211.4 166.5 249.7

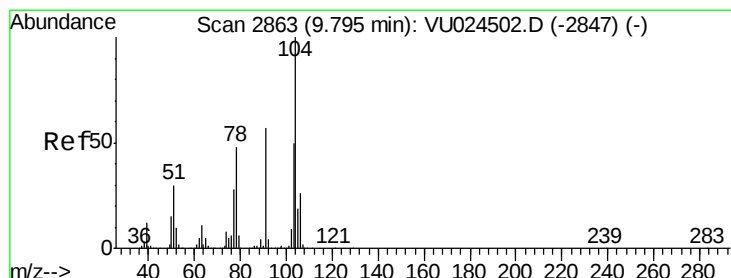
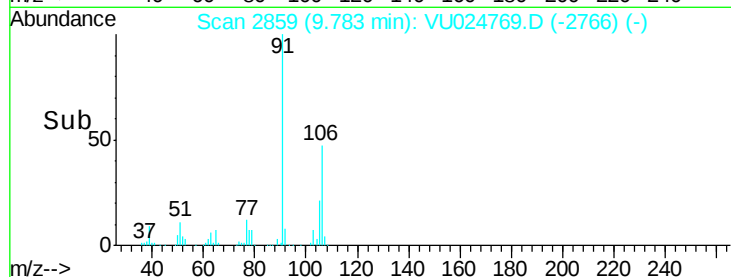
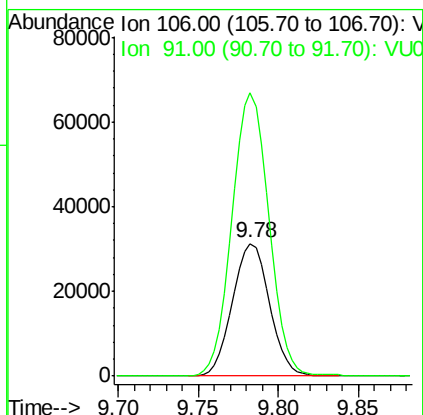
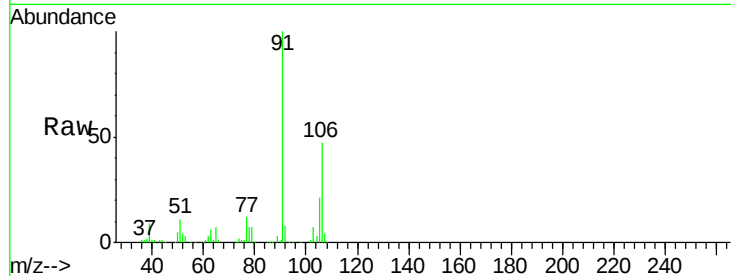




#69
o-Xylene
Concen: 9.466 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

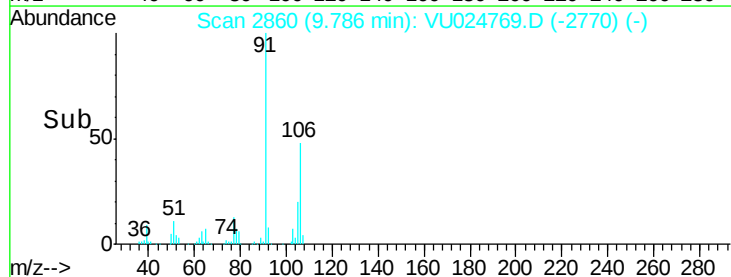
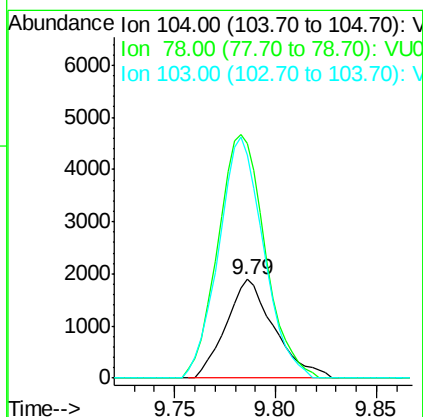
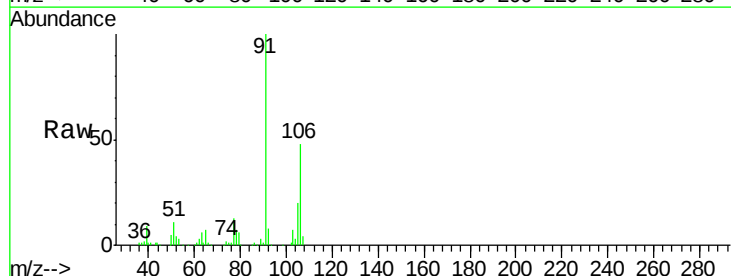
Instrument :
MSVOA_U
ClientSampleId :
TPTW-02

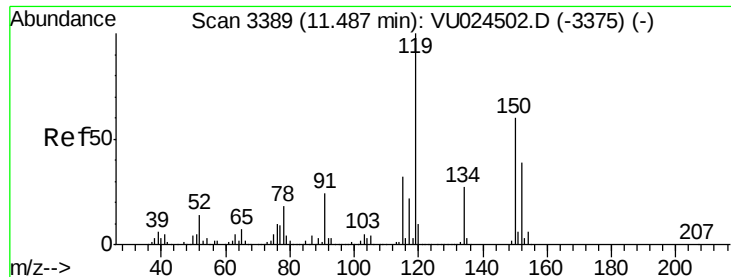
Tgt Ion:106 Resp: 49380
Ion Ratio Lower Upper
106 100
91 212.5 110.7 331.9



#70
Styrene
Concen: 0.367 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. -0.01 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion:104 Resp: 3144
Ion Ratio Lower Upper
104 100
78 242.5 40.6 60.8#
103 228.2 44.7 67.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

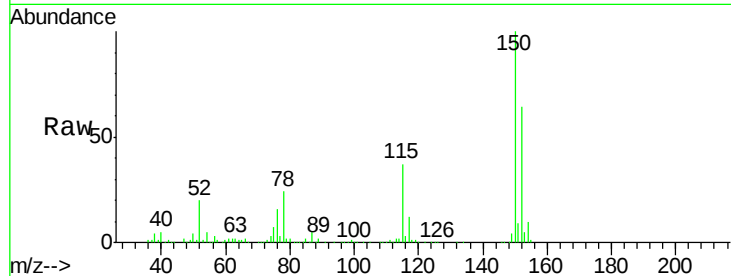
Tgt Ion:152 Resp: 175317

Ion Ratio Lower Upper

152 100

115 56.2 43.0 129.0

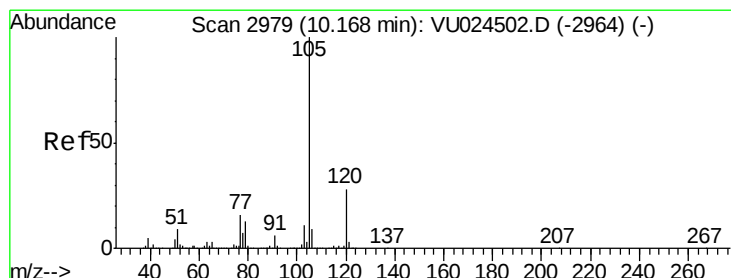
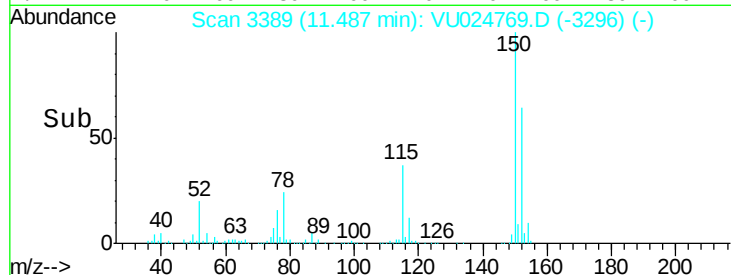
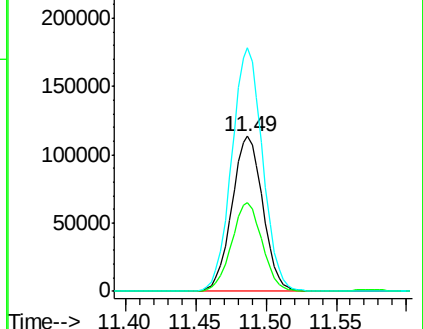
150 156.1 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.871 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024769.D

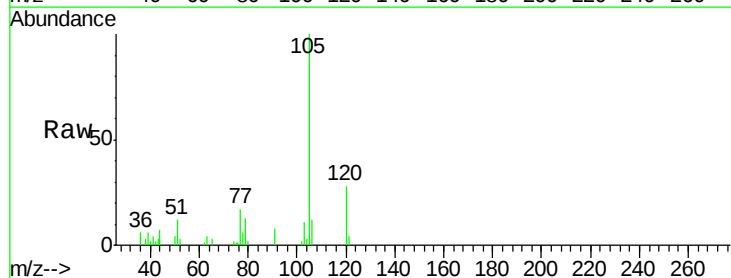
Acq: 20 Jun 2018 19:57

Tgt Ion:105 Resp: 11722

Ion Ratio Lower Upper

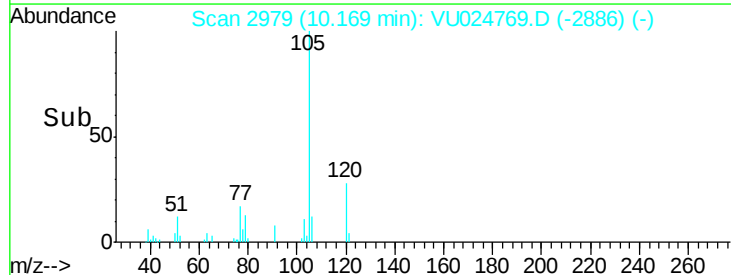
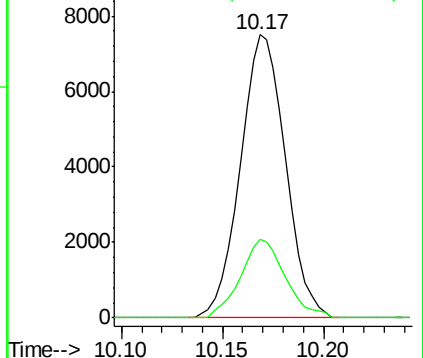
105 100

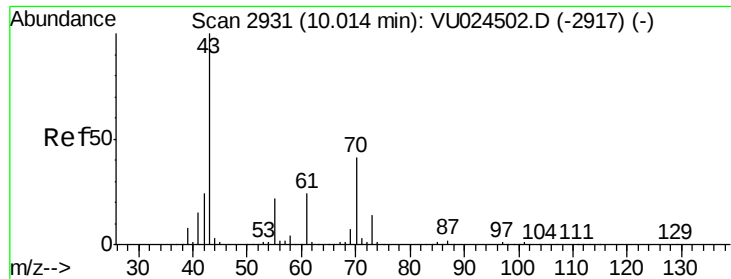
120 27.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.231 ug/l

RT: 10.03 min Scan# 2936

Delta R.T. 0.02 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

Tgt Ion: 43 Resp: 1479

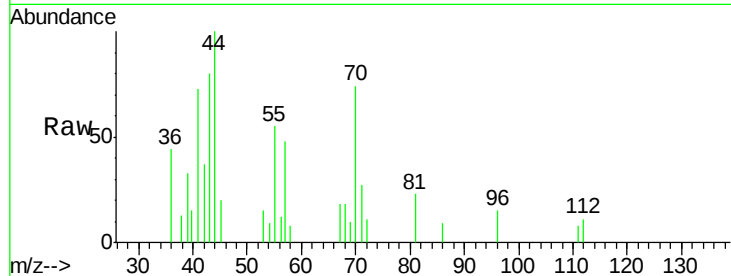
Ion Ratio Lower Upper

43 100

70 130.3 32.2 48.4#

55 104.4 20.5 30.7#

61 0.0 18.7 28.1#

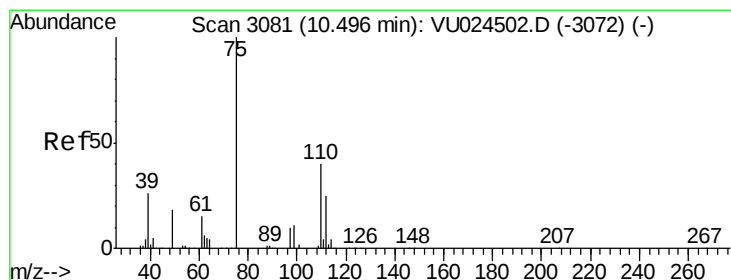
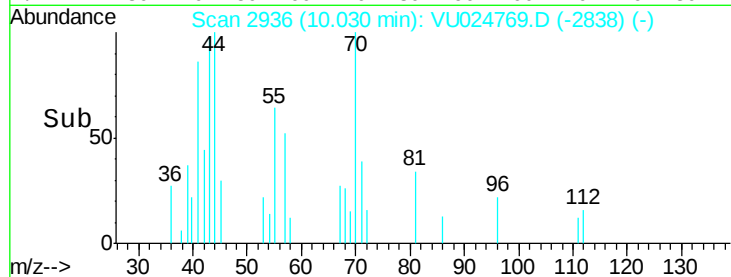
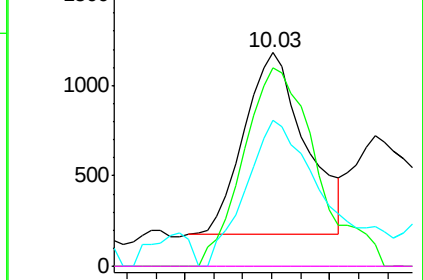


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 23.004 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024769.D

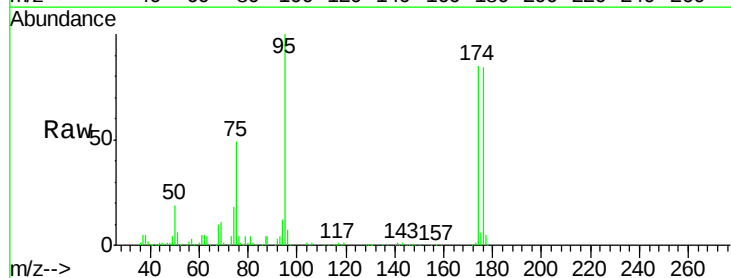
Acq: 20 Jun 2018 19:57

Tgt Ion: 75 Resp: 88791

Ion Ratio Lower Upper

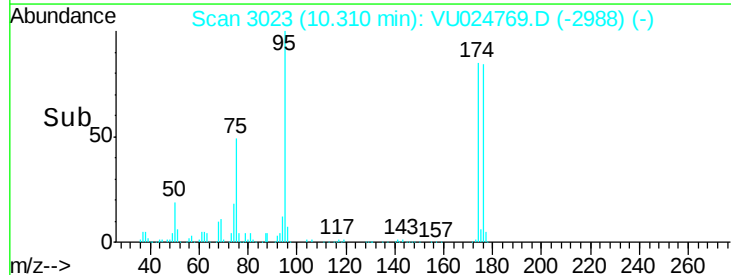
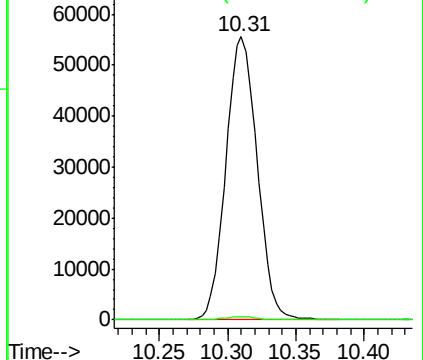
75 100

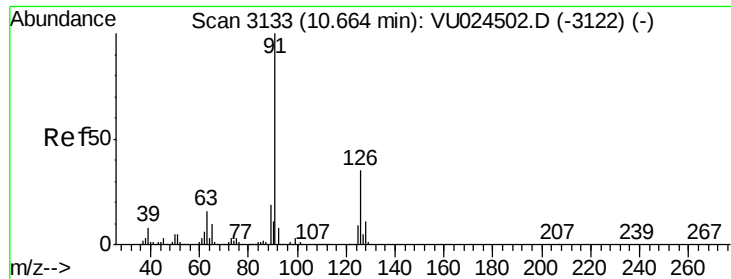
77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#79

2-Chlorotoluene

Concen: 0.261 ug/l

RT: 10.68 min Scan# 3139

Delta R.T. 0.02 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

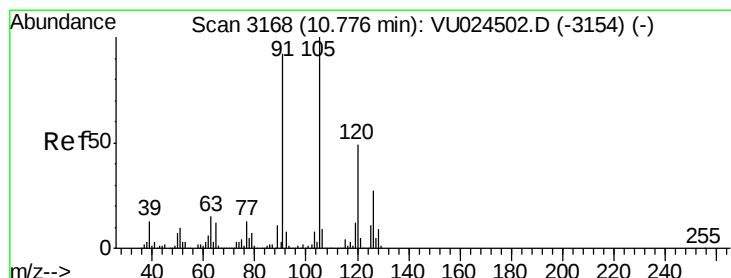
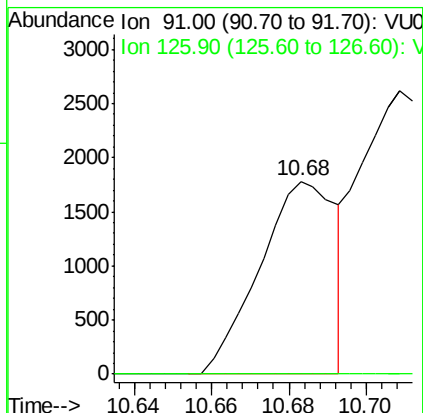
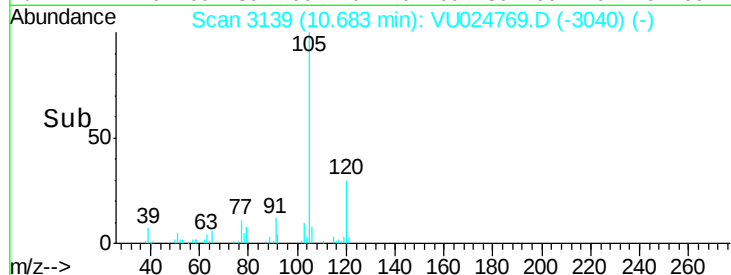
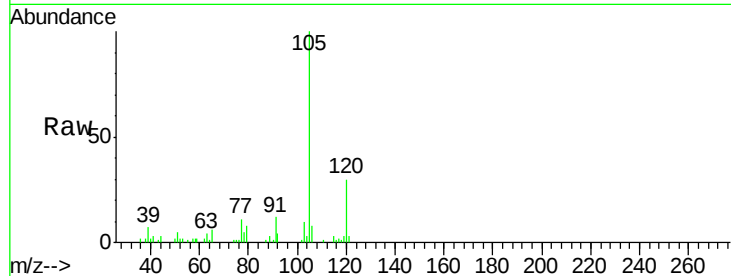
TPTW-02

Tgt Ion: 91 Resp: 2439

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



#80

1,3,5-Trimethylbenzene

Concen: 1.596 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024769.D

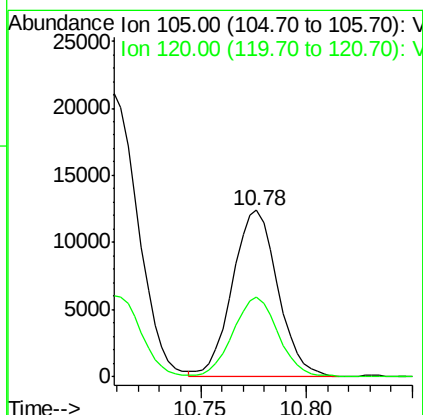
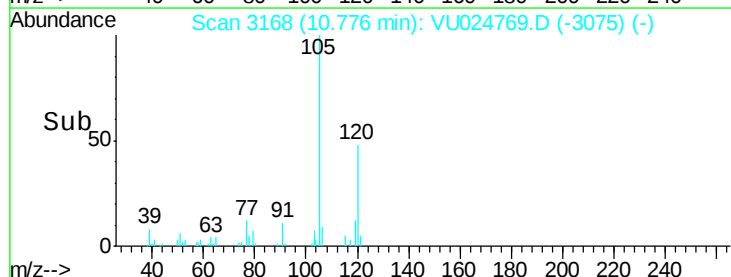
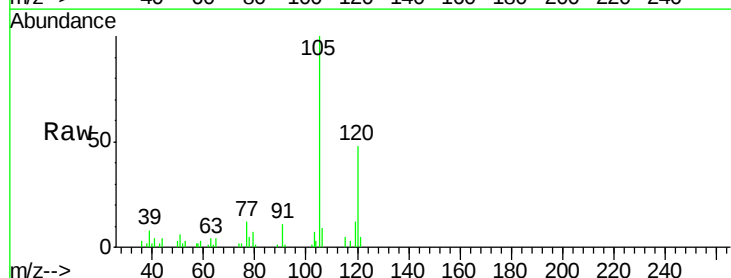
Acq: 20 Jun 2018 19:57

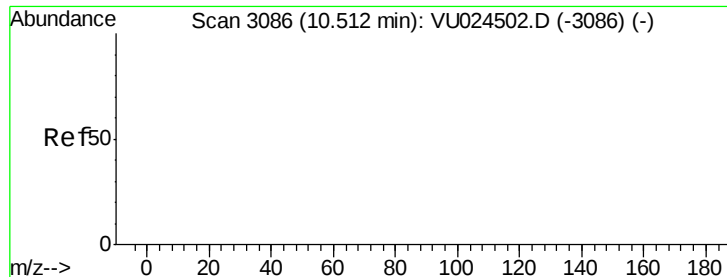
Tgt Ion: 105 Resp: 18616

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.240 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

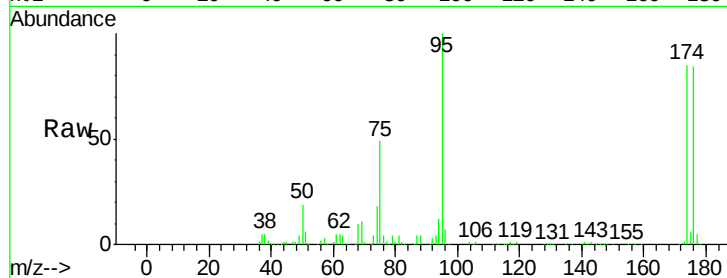
Tgt Ion: 75 Resp: 88791

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

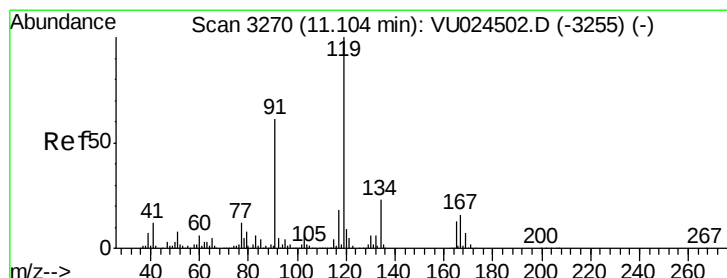
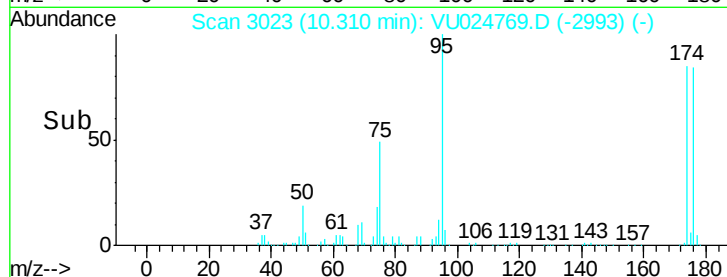
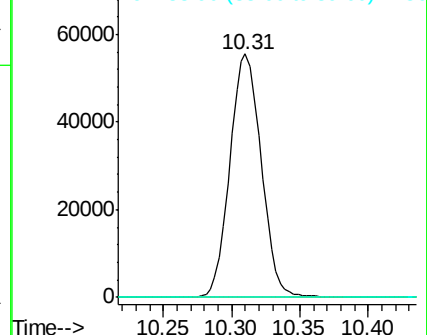
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#83

tert-Butylbenzene

Concen: 0.625 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.05 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

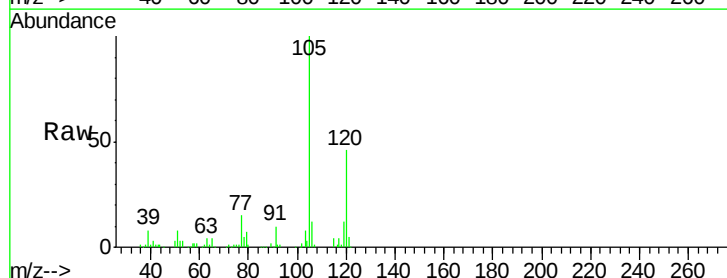
Tgt Ion: 119 Resp: 7019

Ion Ratio Lower Upper

119 100

91 97.3 29.7 89.1#

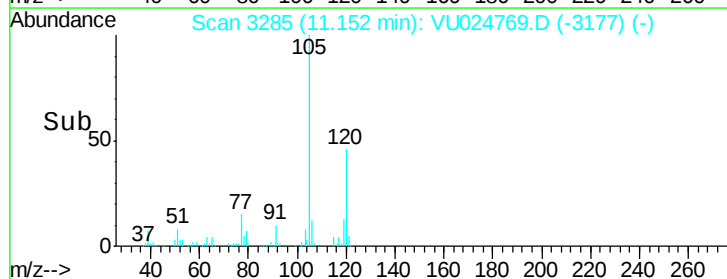
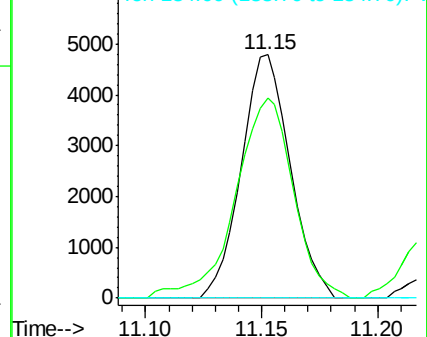
134 0.0 11.6 34.7#

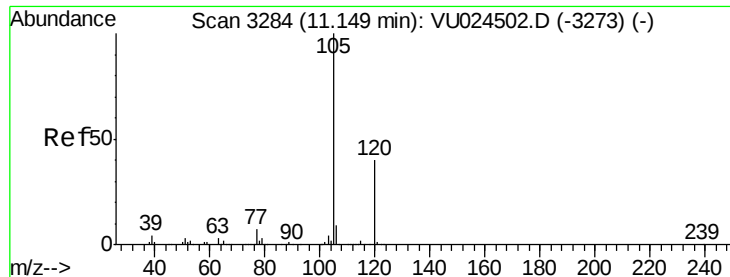


Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)

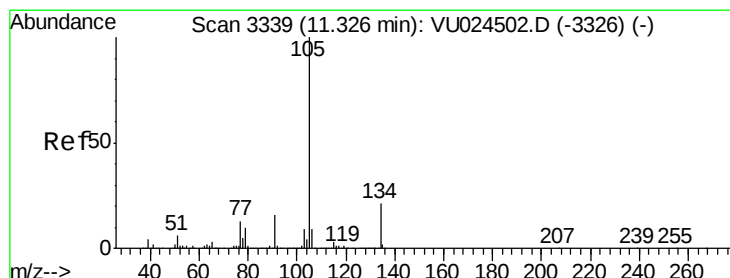
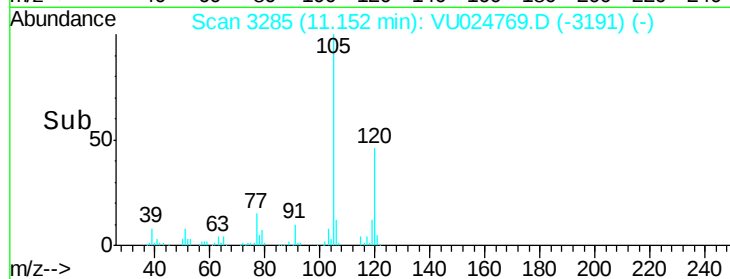
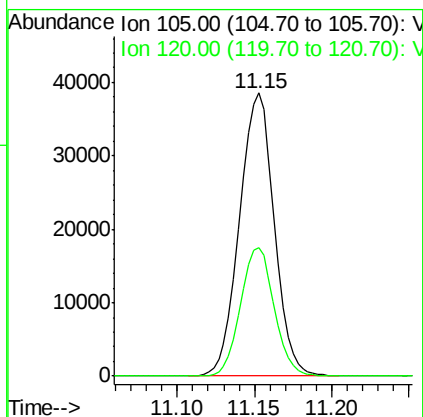
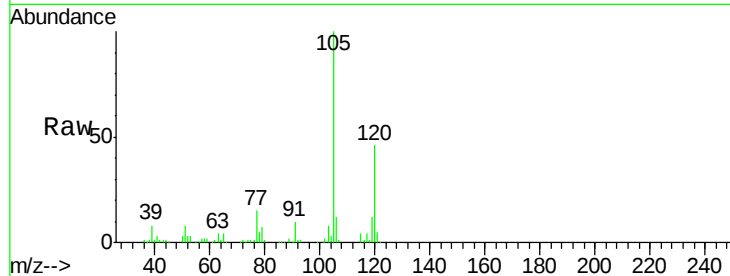




#84
 1,2,4-Trimethylbenzene
 Concen: 5.073 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024769.D
 Acq: 20 Jun 2018 19:57

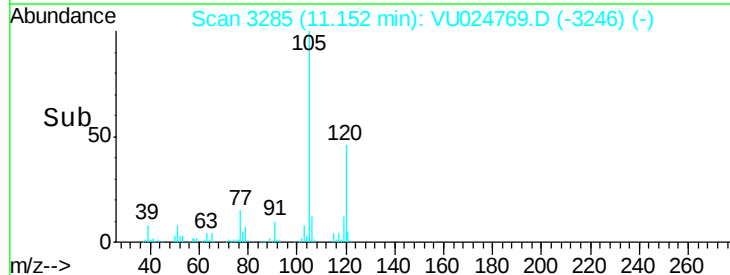
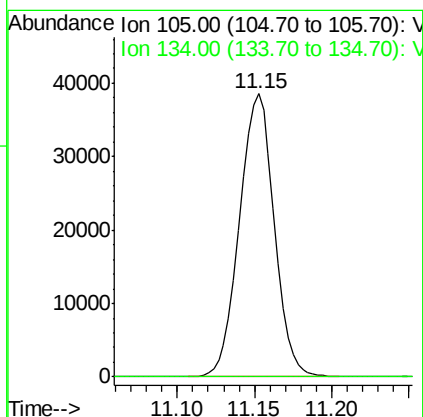
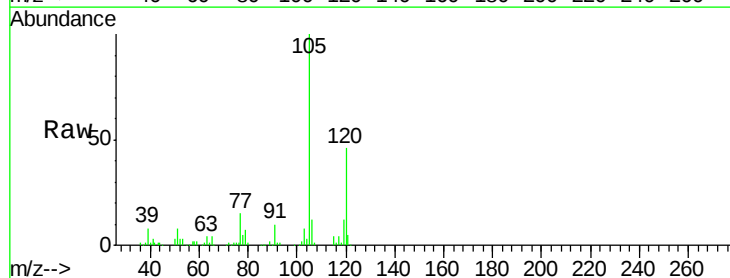
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-02

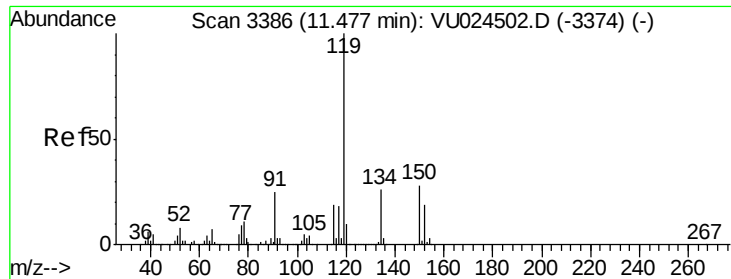
Tgt Ion:105 Resp: 60317
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 4.294 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.17 min
 Lab File: VU024769.D
 Acq: 20 Jun 2018 19:57

Tgt Ion:105 Resp: 60317
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

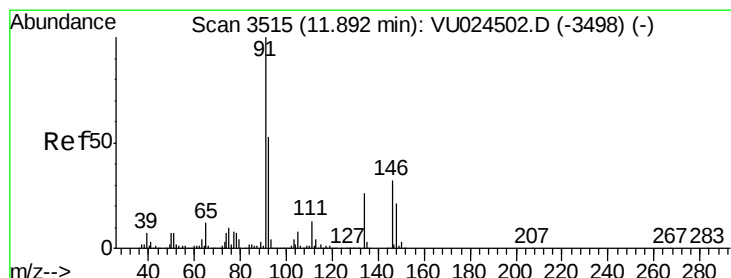
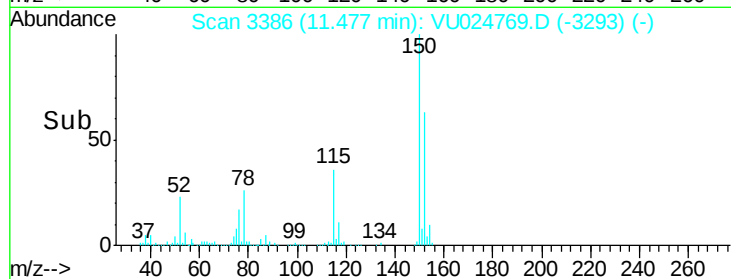
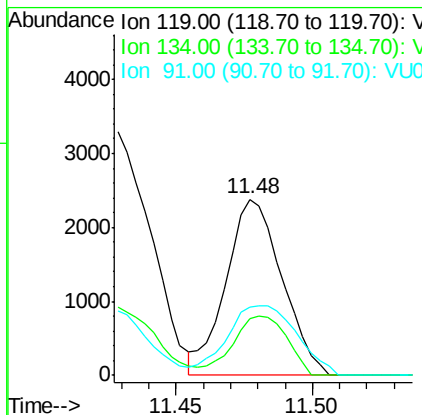
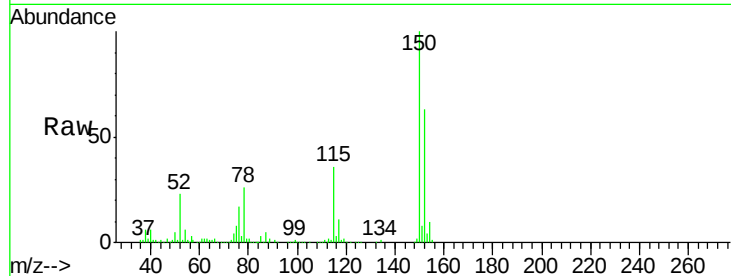




#86
p-Isopropyltoluene
Concen: 0.271 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

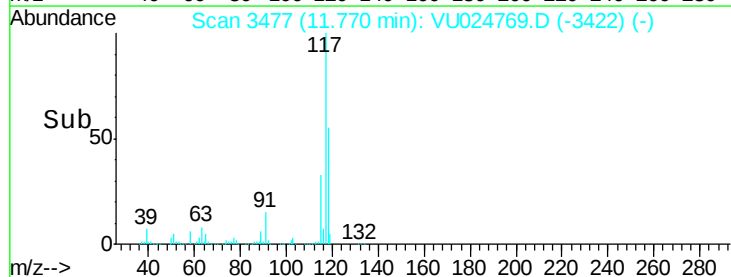
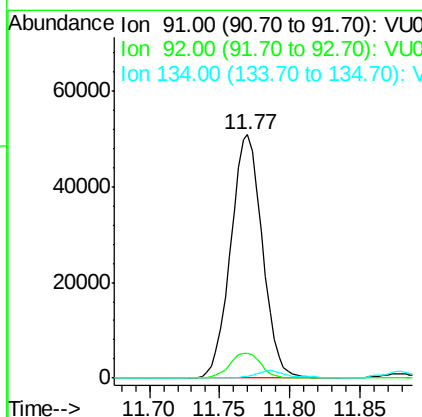
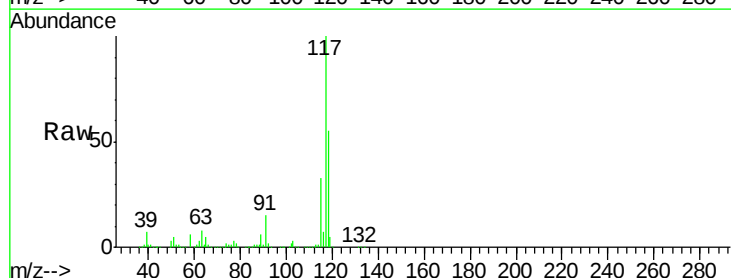
Instrument :
MSVOA_U
ClientSampled :
TPTW-02

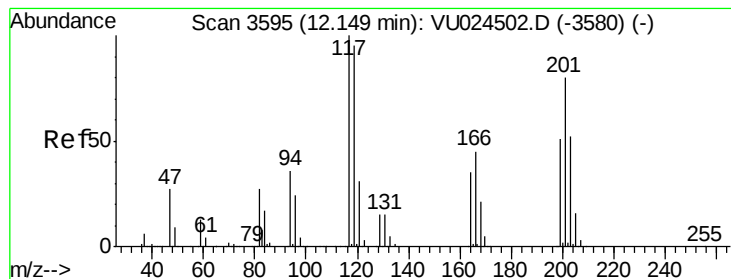
Tgt Ion: 119 Resp: 3407
Ion Ratio Lower Upper
119 100
134 32.4 12.9 38.6
91 49.4 12.0 36.1#



#89
n-Butylbenzene
Concen: 7.142 ug/l
RT: 11.77 min Scan# 3477
Delta R.T. -0.12 min
Lab File: VU024769.D
Acq: 20 Jun 2018 19:57

Tgt Ion: 91 Resp: 79772
Ion Ratio Lower Upper
91 100
92 10.0 25.6 76.8#
134 3.2 12.3 36.8#





#90

Hexachloroethane

Concen: 0.591 ug/l

RT: 12.17 min Scan# 3602

Delta R.T. 0.02 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

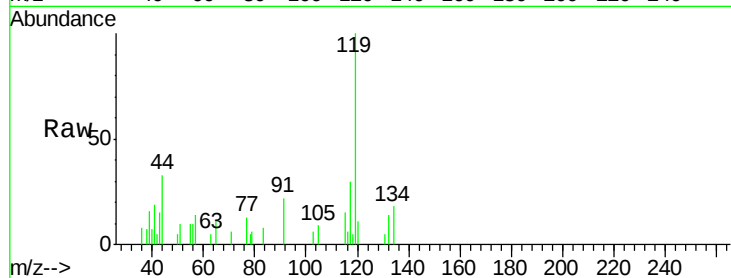
TPTW-02

Tgt Ion:117 Resp: 1451

Ion Ratio Lower Upper

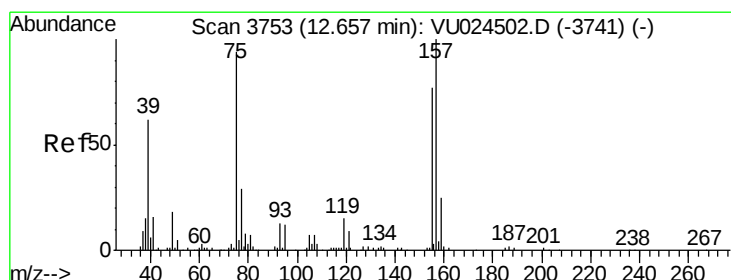
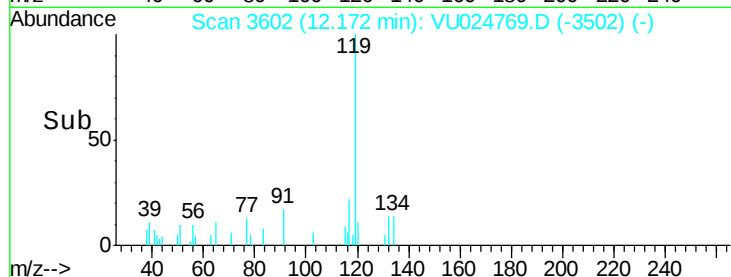
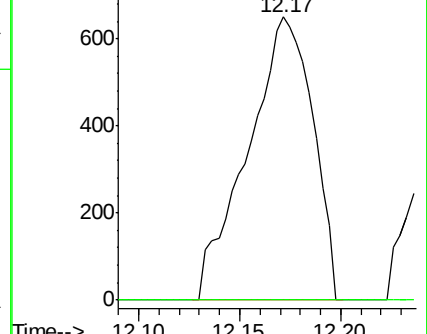
117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.241 ug/l

RT: 12.71 min Scan# 3769

Delta R.T. 0.05 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

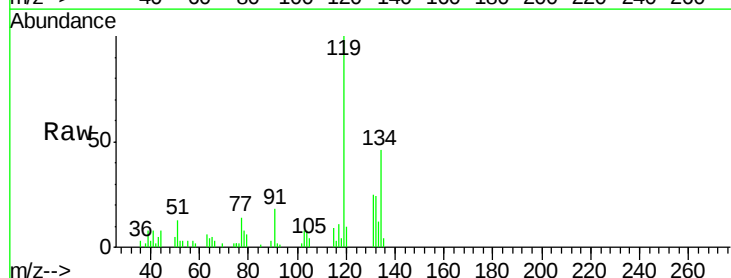
Tgt Ion: 75 Resp: 300

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

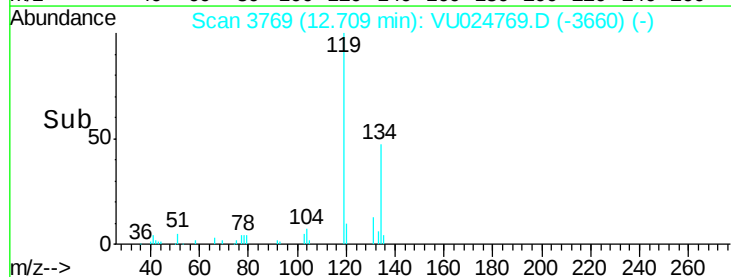
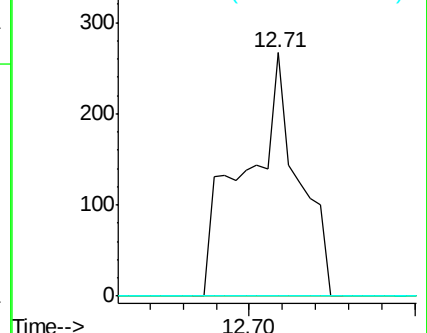
157 0.0 52.3 156.8#

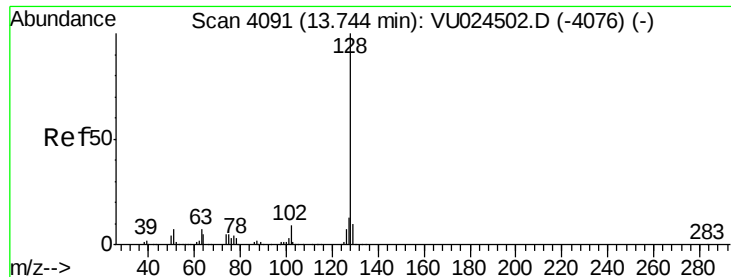


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 279.319 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024769.D

Acq: 20 Jun 2018 19:57

Instrument :

MSVOA_U

ClientSampleId :

TPTW-02

Tgt Ion:128 Resp: 3641431

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 12.8

