

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024770.D
 Acq On : 20 Jun 2018 20:22
 Operator : MD/SY
 Sample : J3529-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

Quant Time: Jun 21 07:52:13 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	200025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306393	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	139329	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
35) Dibromofluoromethane	4.89	113	119048	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	7.57	98	448029	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.31	95	165211	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1605	0.627	ug/l	99
5) Bromomethane	1.64	94	676	0.530	ug/l #	72
6) Chloroethane	1.69	64	179	Below Cal	#	43
8) Diethyl Ether	2.10	74	1529	Below Cal		96
10) Methyl Iodide	2.42	142	172	5.361	ug/l #	40
11) Tert butyl alcohol	2.82	59	9070	11.420	ug/l	97
14) Allyl chloride	2.55	41	3554	0.840	ug/l #	45
15) Acrylonitrile	3.00	53	360	0.233	ug/l #	30
16) Acetone	2.32	43	159681	91.011	ug/l	96
17) Carbon Disulfide	2.48	76	5597	0.767	ug/l #	95
18) Methyl Acetate	2.44	43	18354	4.880	ug/l #	53
19) Methyl tert-butyl Ether	3.00	73	32852	3.837	ug/l	100
25) 2-Butanone	4.27	43	25456	10.801	ug/l	93
29) Tetrahydrofuran	4.64	42	13605	9.322	ug/l	98
30) Chloroform	4.68	83	1585	0.325	ug/l	85
31) Cyclohexane	4.99	56	4643	Below Cal	#	5
36) 1,1-Dichloropropene	4.99	75	13861	3.850	ug/l #	50
37) Ethyl Acetate	4.27	43	25456	6.487	ug/l #	70
38) Carbon Tetrachloride	4.99	117	18812	4.751	ug/l #	15
40) Benzene	5.39	78	73307	7.146	ug/l	99
41) Methacrylonitrile	4.55	41	919	0.434	ug/l #	43
43) Isopropyl Acetate	5.59	43	3246	0.479	ug/l #	67
51) 4-Methyl-2-Pentanone	7.46	43	16598	3.895	ug/l	100
52) Toluene	7.64	92	5328	0.807	ug/l	95
59) 2-Hexanone	8.37	43	3136	0.901	ug/l	98
68) m/p-Xylenes	9.38	106	1802	0.363	ug/l	92
69) o-Xylene	9.78	106	2264	0.461	ug/l	100
74) N-amyl acetate	10.08	43	2832	0.487	ug/l #	59
76) 1,2,3-Trichloropropane	10.31	75	83644	23.881	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	83644	55.271	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4660	0.432	ug/l	85
85) sec-Butylbenzene	11.15	105	4660	0.366	ug/l #	57
86) p-Isopropyltoluene	11.48	119	2422	0.212	ug/l #	78
95) Naphthalene	13.75	128	56816	5.470	ug/l	99

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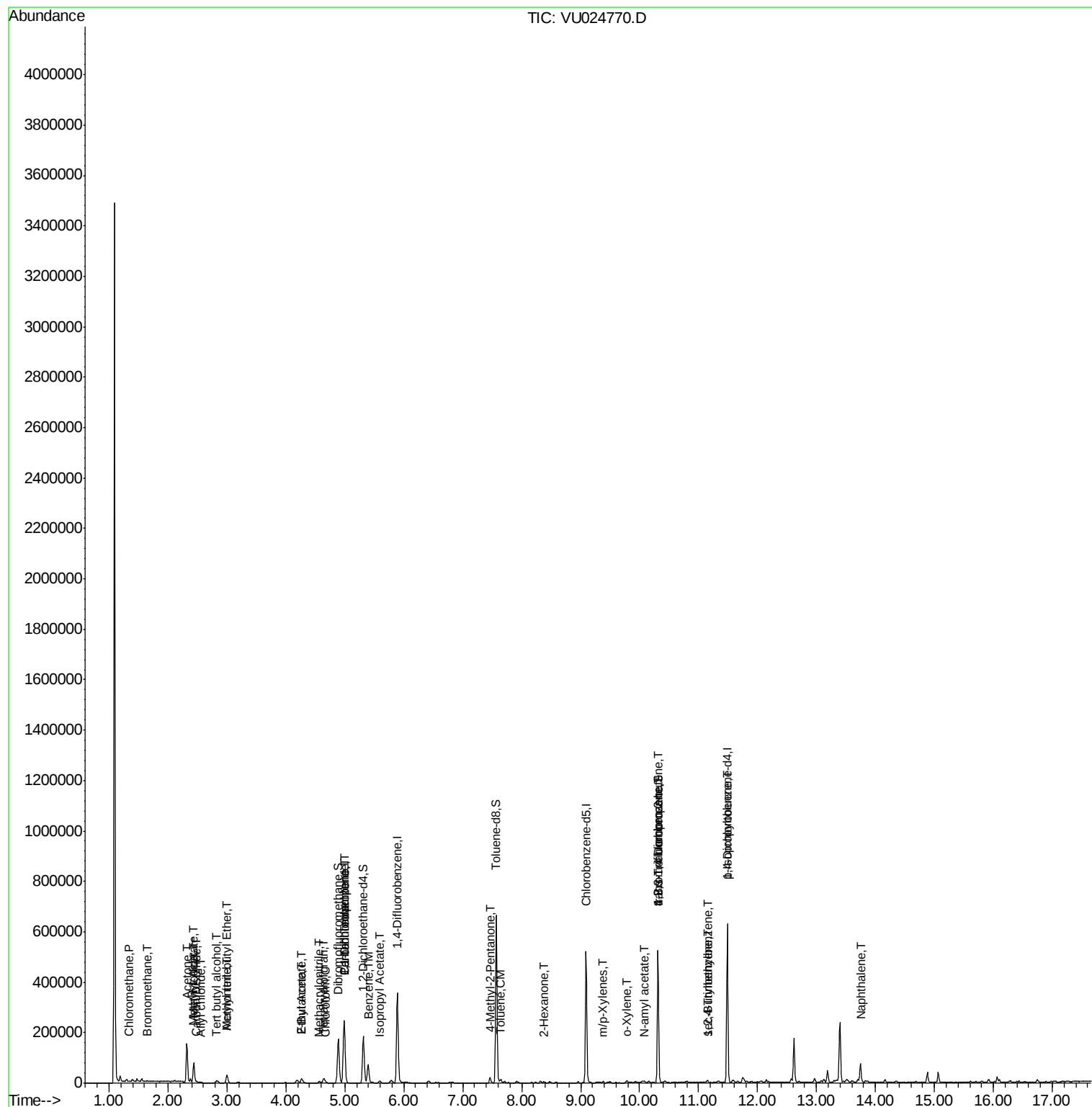
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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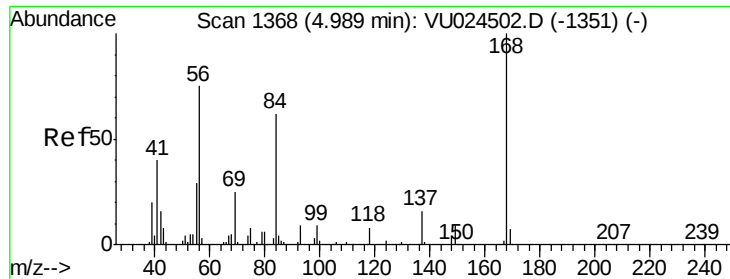
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

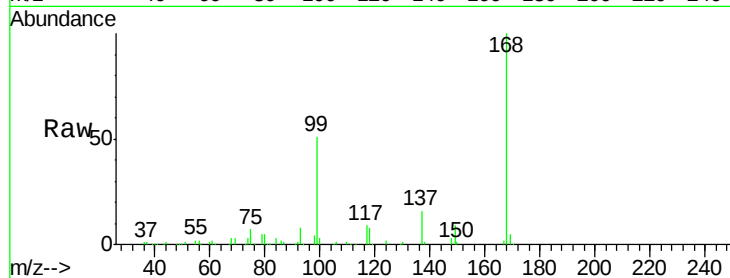
TPTW-04

Tgt Ion:168 Resp: 200025

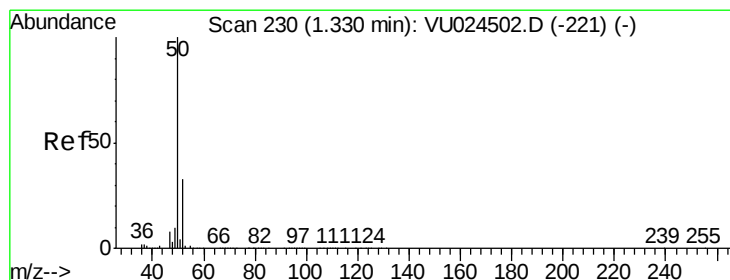
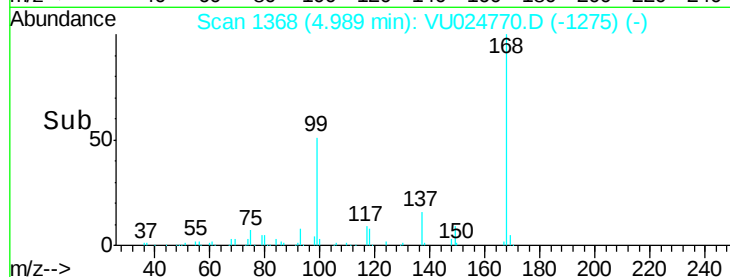
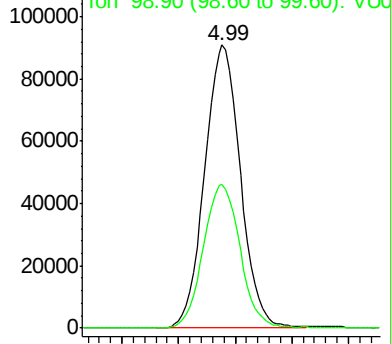
Ion Ratio Lower Upper

168 100

99 51.0 43.2 64.8



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



#3

Chloromethane

Concen: 0.627 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU024770.D

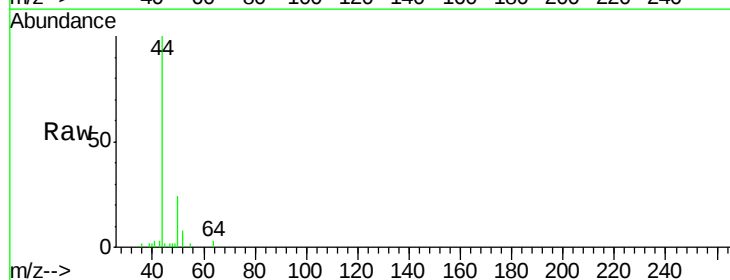
Acq: 20 Jun 2018 20:22

Tgt Ion: 50 Resp: 1605

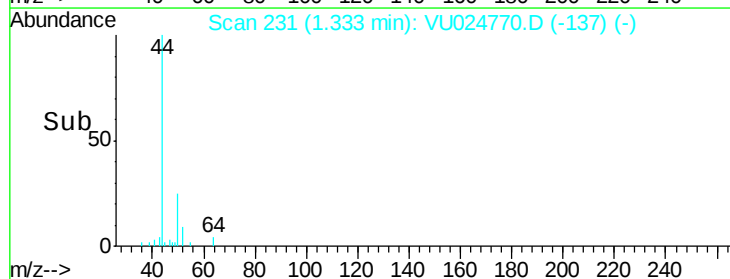
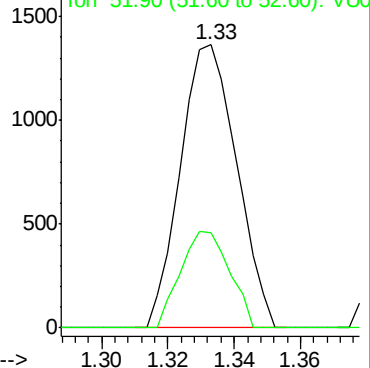
Ion Ratio Lower Upper

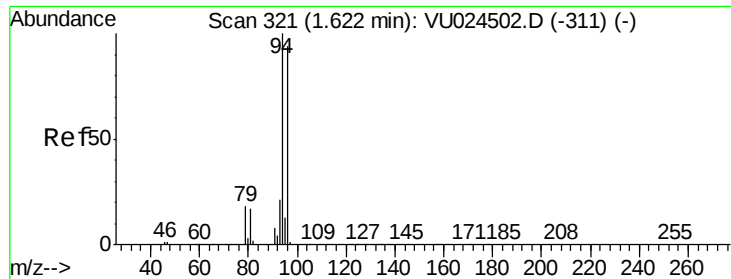
50 100

52 33.5 26.4 39.6



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





#5

Bromomethane

Concen: 0.530 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

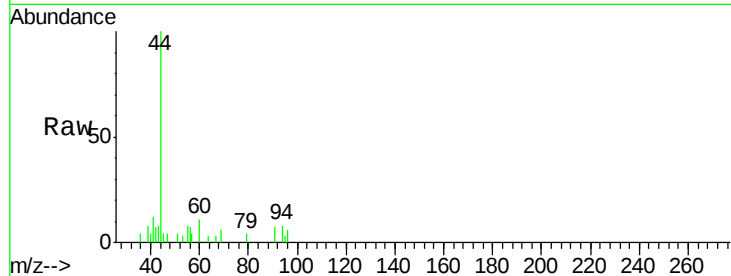
TPTW-04

Tgt Ion: 94 Resp: 676

Ion Ratio Lower Upper

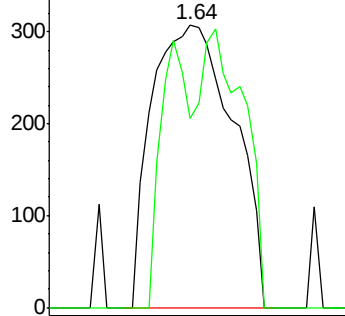
94 100

96 66.6 74.5 111.7#

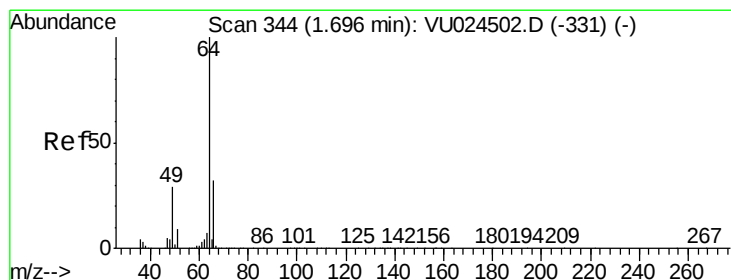
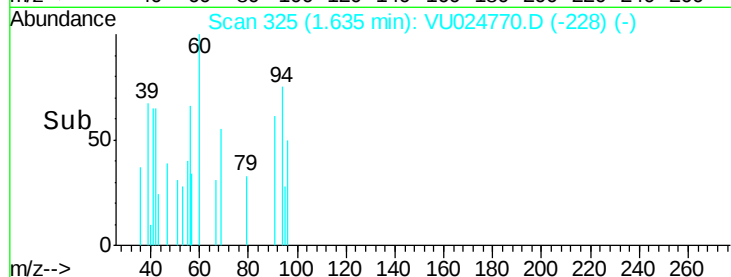


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024770.D

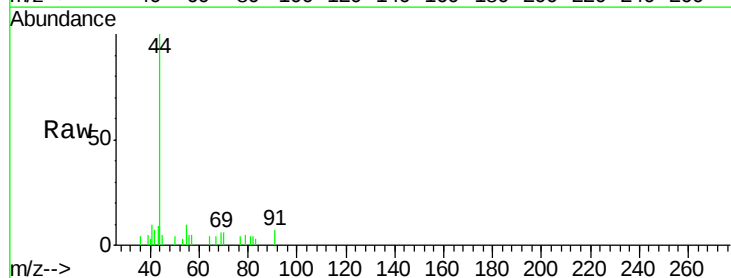
Acq: 20 Jun 2018 20:22

Tgt Ion: 64 Resp: 179

Ion Ratio Lower Upper

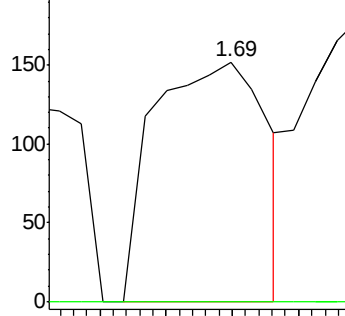
64 100

66 0.0 25.5 38.3#

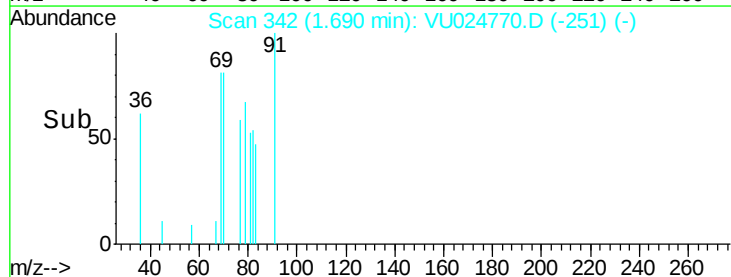


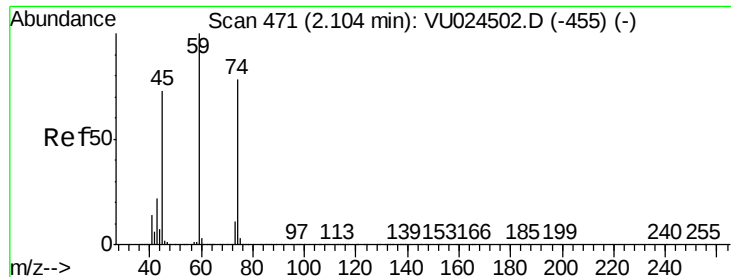
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

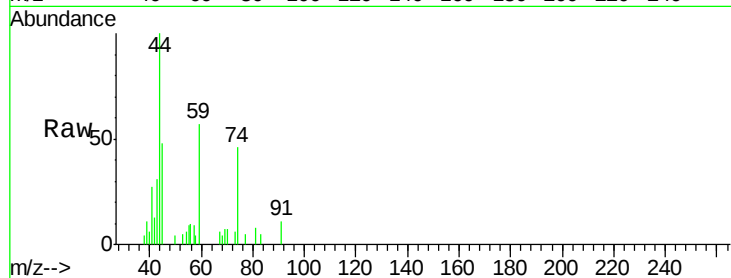
TPTW-04

Tgt Ion: 74 Resp: 1529

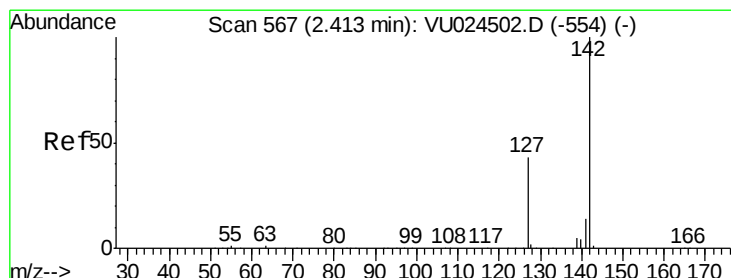
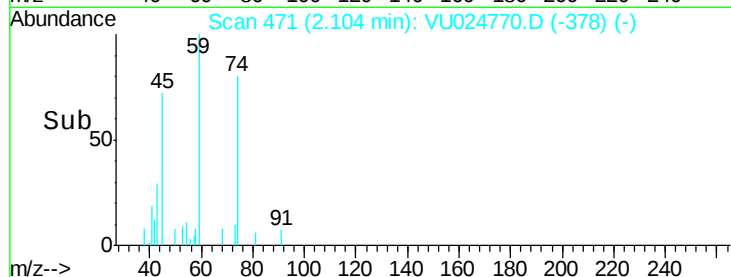
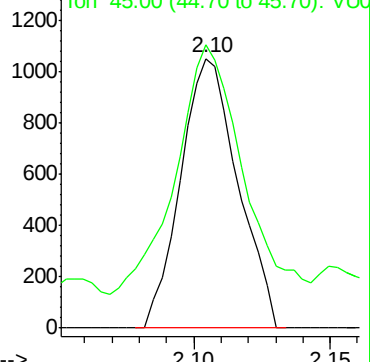
Ion Ratio Lower Upper

74 100

45 106.1 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU024770.D (-378) (-)



#10

Methyl Iodide

Concen: 5.361 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

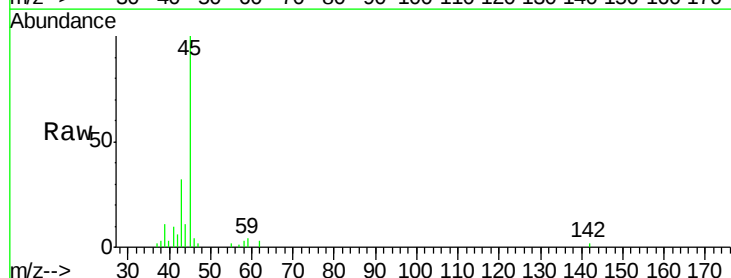
Tgt Ion: 142 Resp: 172

Ion Ratio Lower Upper

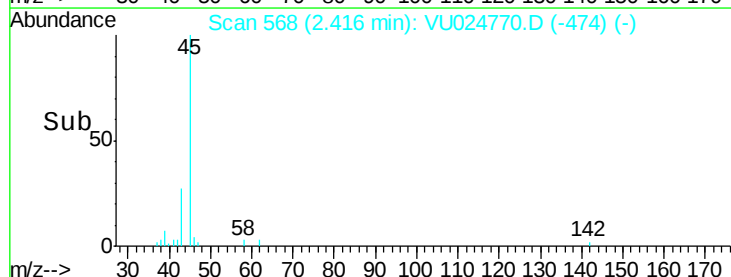
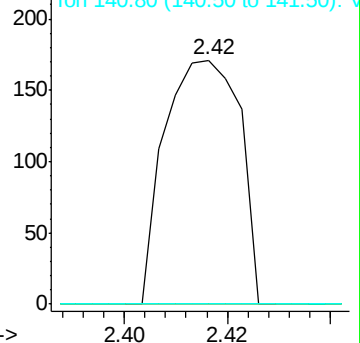
142 100

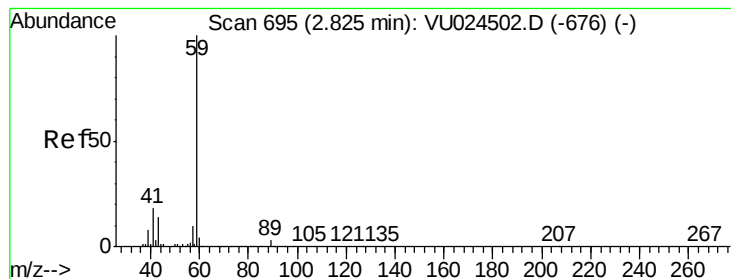
127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU024770.D (-474) (-)





#11

Tert butyl alcohol

Concen: 11.420 ug/l

RT: 2.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

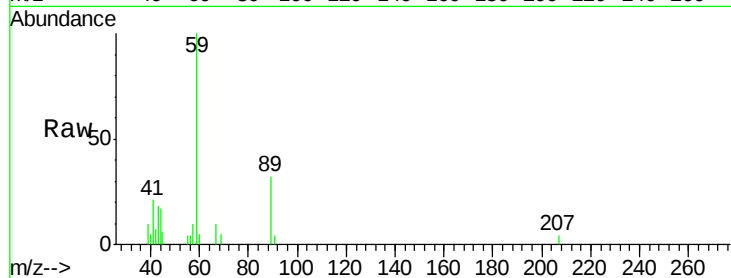
TPTW-04

Tgt Ion: 59 Resp: 9070

Ion Ratio Lower Upper

59 100

57 9.5 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

4000

3000

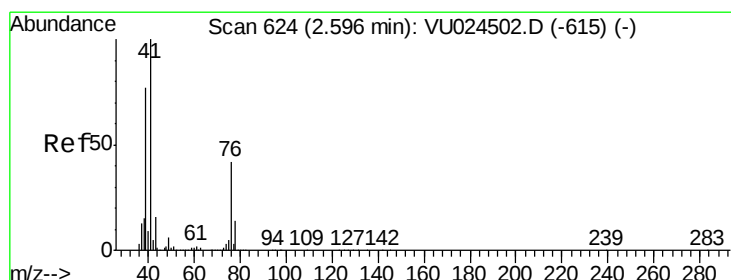
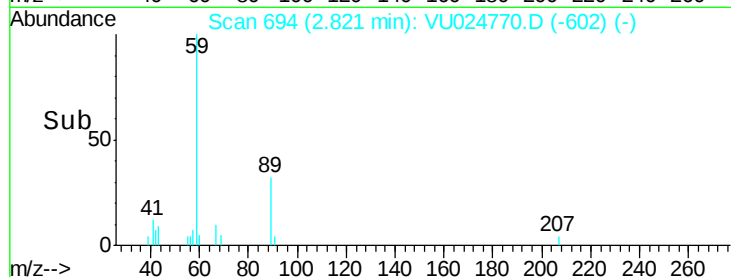
2000

1000

0

Time-->

2.75 2.80 2.85 2.90



#14

Allyl chloride

Concen: 0.840 ug/l

RT: 2.55 min Scan# 610

Delta R.T. -0.05 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

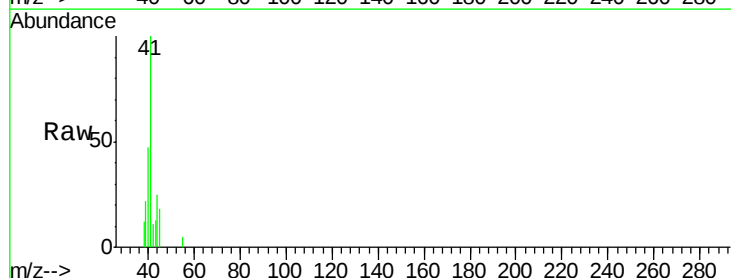
Tgt Ion: 41 Resp: 3554

Ion Ratio Lower Upper

41 100

39 32.7 61.6 92.4#

76 0.0 29.7 44.5#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

4000

3000

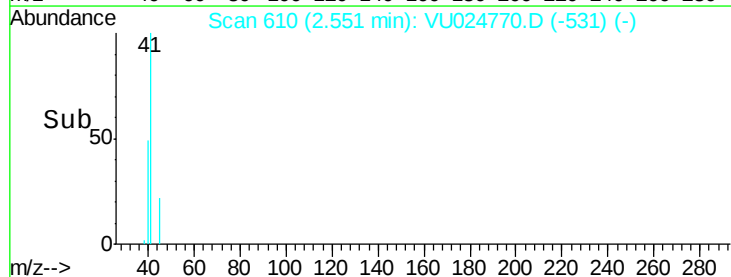
2000

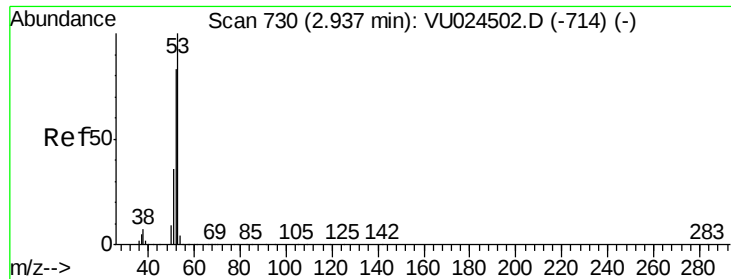
1000

0

Time-->

2.50 2.55 2.60





#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.00 min Scan# 749

Delta R.T. 0.06 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

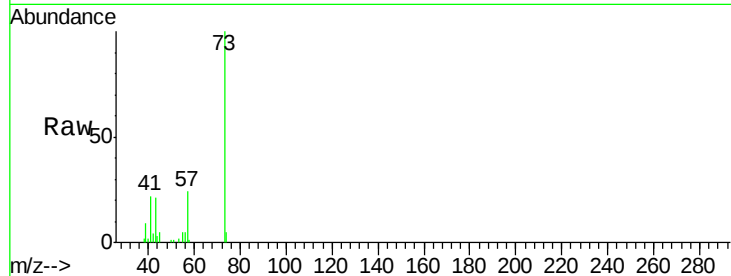
Tgt Ion: 53 Resp: 360

Ion Ratio Lower Upper

53 100

52 0.0 67.1 100.7#

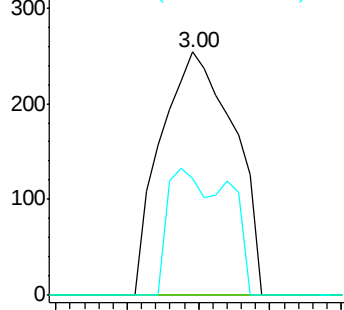
51 25.6 28.4 42.6#



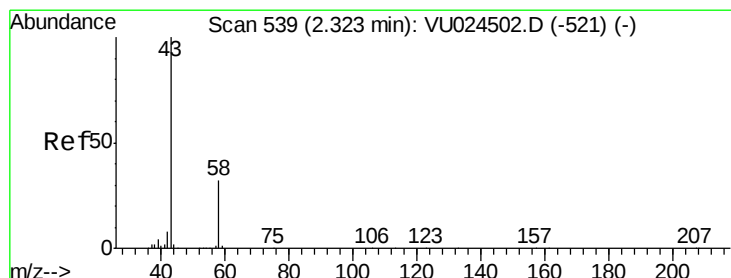
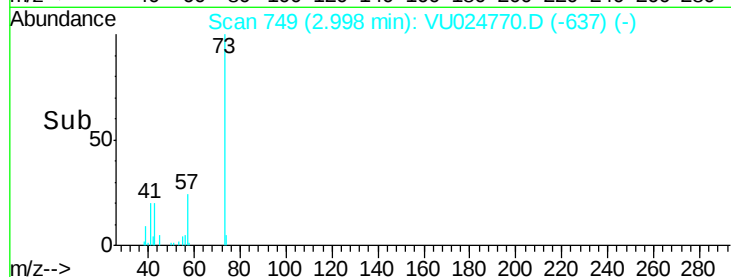
Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



Time--> 2.96 2.98 3.00 3.02



#16

Acetone

Concen: 91.011 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024770.D

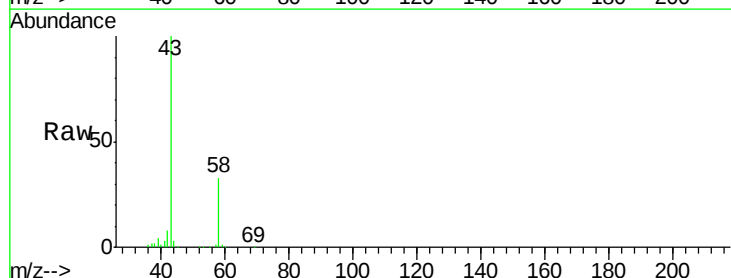
Acq: 20 Jun 2018 20:22

Tgt Ion: 43 Resp: 159681

Ion Ratio Lower Upper

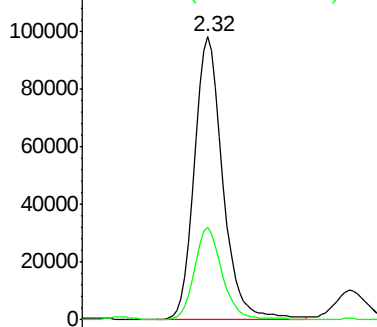
43 100

58 32.6 24.4 36.6

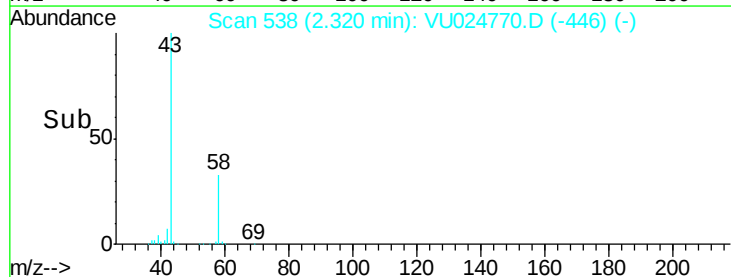


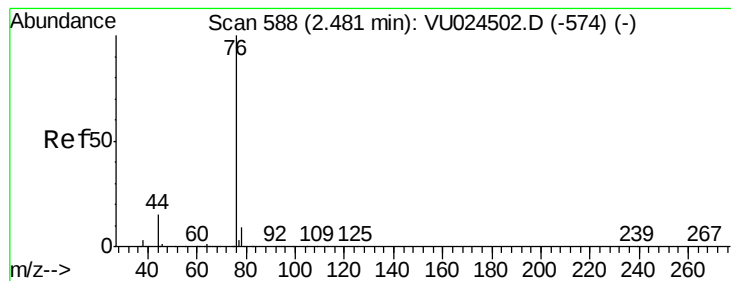
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 2.25 2.30 2.35 2.40





#17

Carbon Disulfide

Concen: 0.767 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

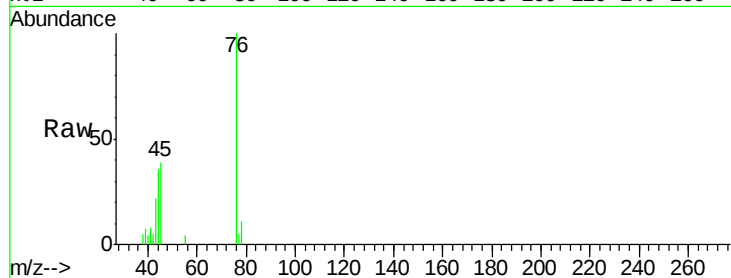
TPTW-04

Tgt Ion: 76 Resp: 5597

Ion Ratio Lower Upper

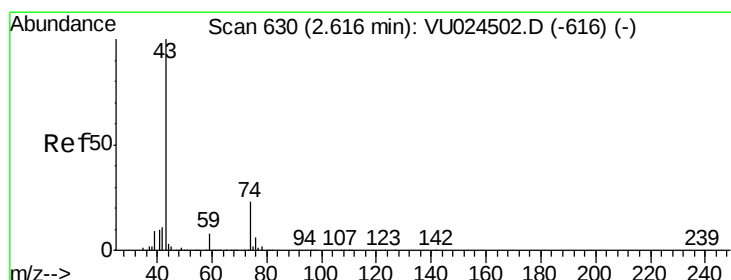
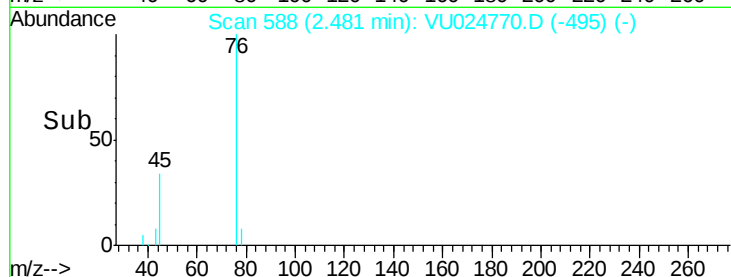
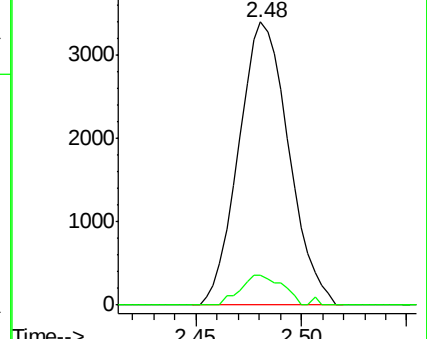
76 100

78 10.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 4.880 ug/l

RT: 2.44 min Scan# 574

Delta R.T. -0.18 min

Lab File: VU024770.D

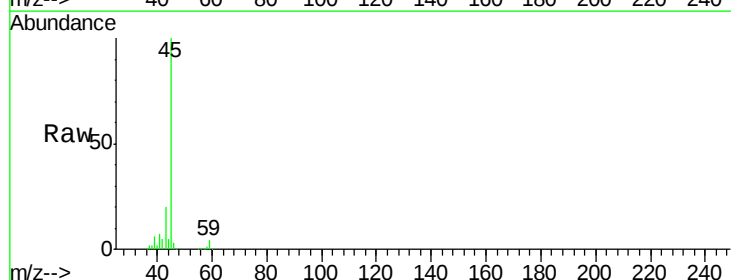
Acq: 20 Jun 2018 20:22

Tgt Ion: 43 Resp: 18354

Ion Ratio Lower Upper

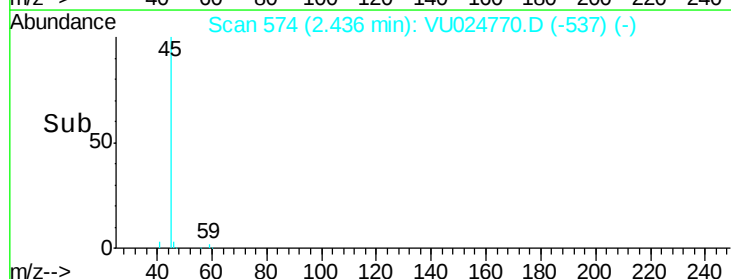
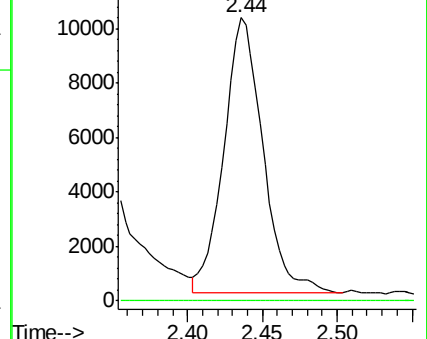
43 100

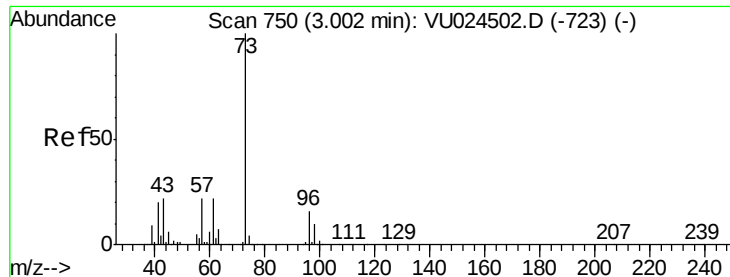
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

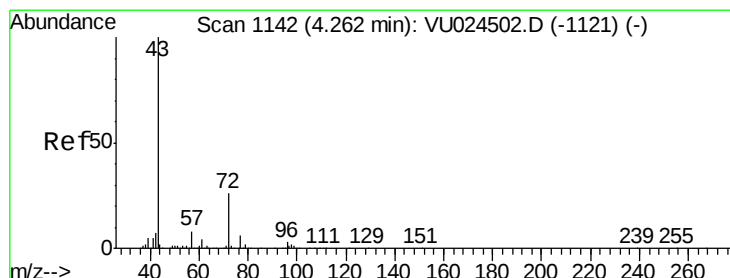
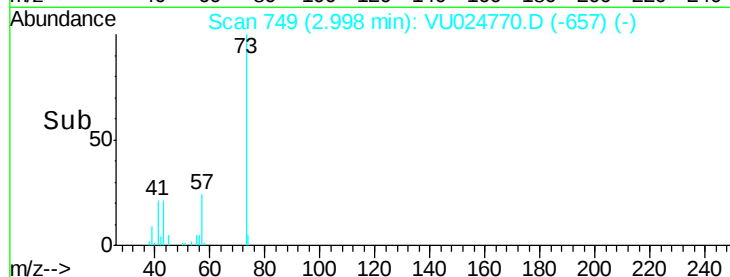
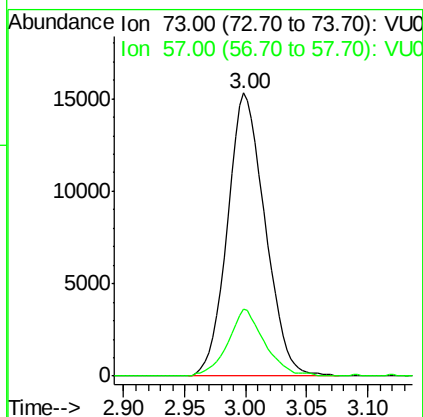
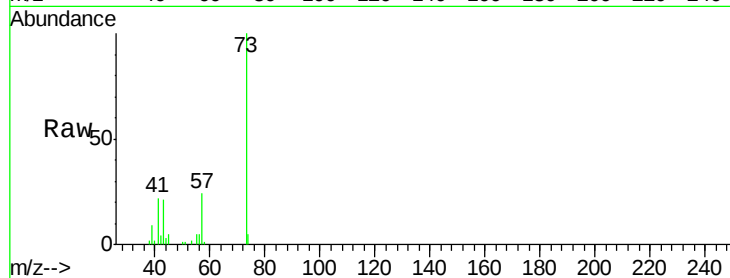




#19
Methyl tert-butyl Ether
Concen: 3.837 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

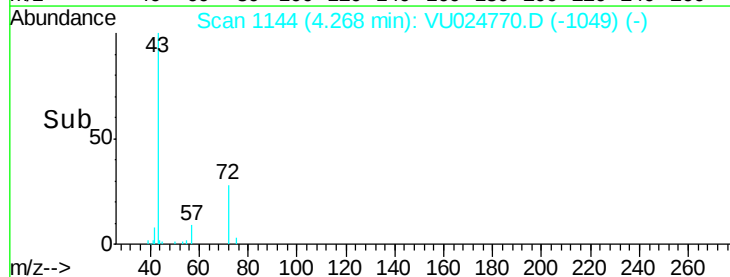
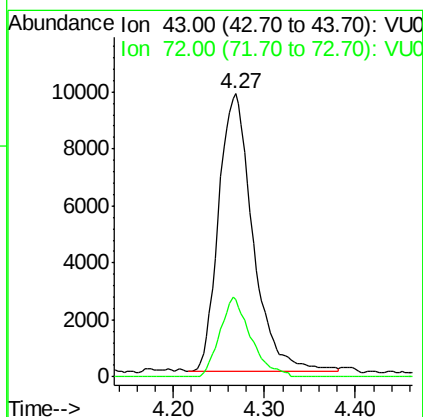
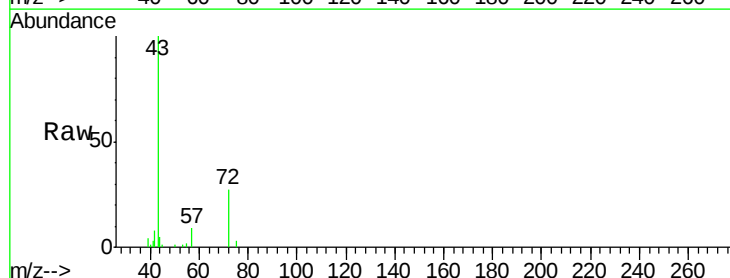
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

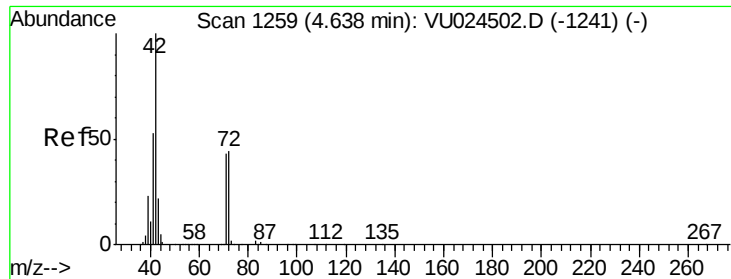
Tgt Ion: 73 Resp: 32852
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#25
2-Butanone
Concen: 10.801 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion: 43 Resp: 25456
Ion Ratio Lower Upper
43 100
72 28.0 19.6 29.4

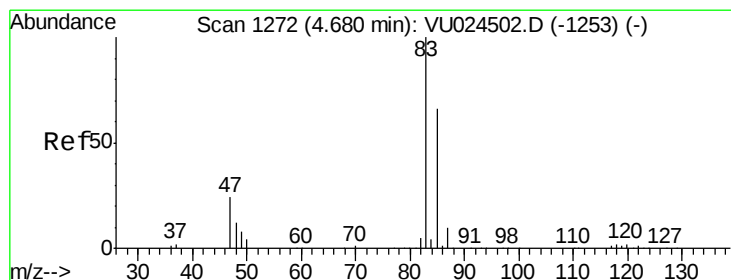
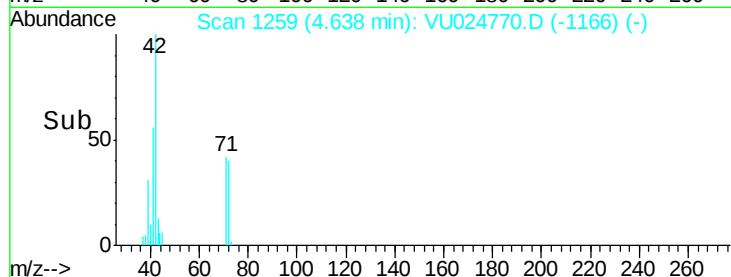
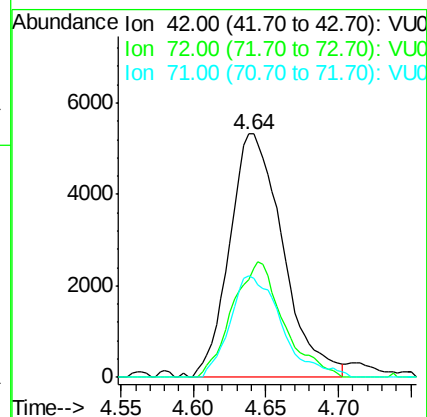
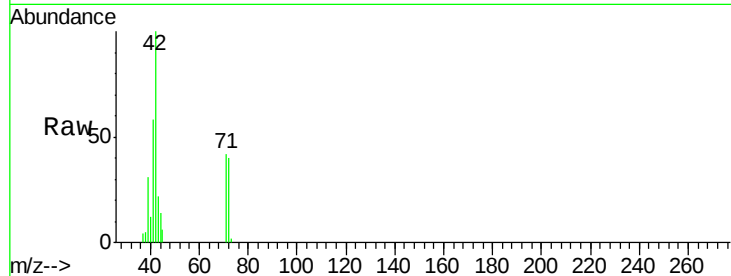




#29
Tetrahydrofuran
Concen: 9.322 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

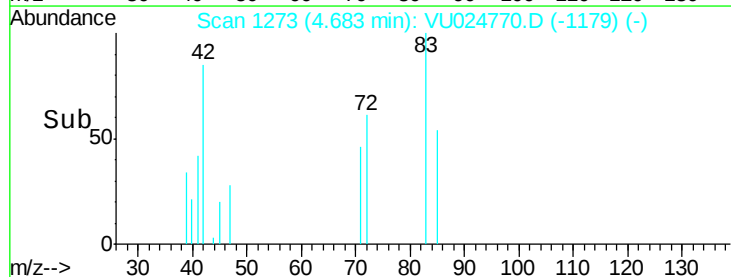
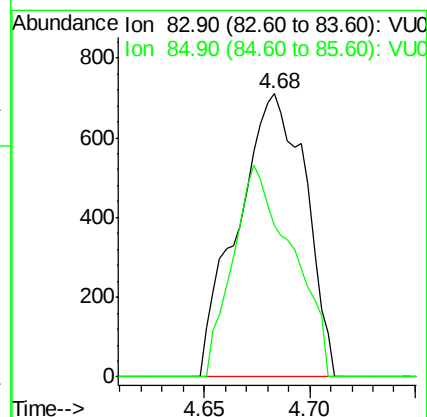
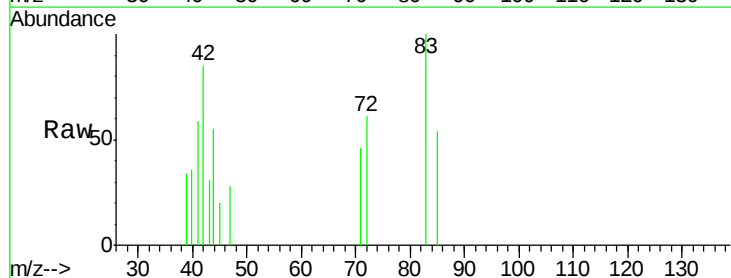
Instrument :
MSVOA_U
ClientSampled :
TPTW-04

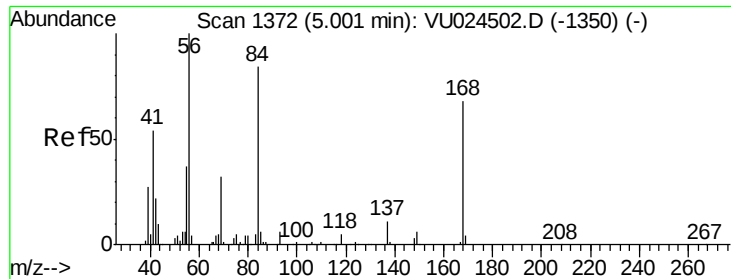
Tgt Ion: 42 Resp: 13605
Ion Ratio Lower Upper
42 100
72 45.5 34.5 51.7
71 40.7 32.2 48.4



#30
Chloroform
Concen: 0.325 ug/l
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion: 83 Resp: 1585
Ion Ratio Lower Upper
83 100
85 53.5 52.4 78.6

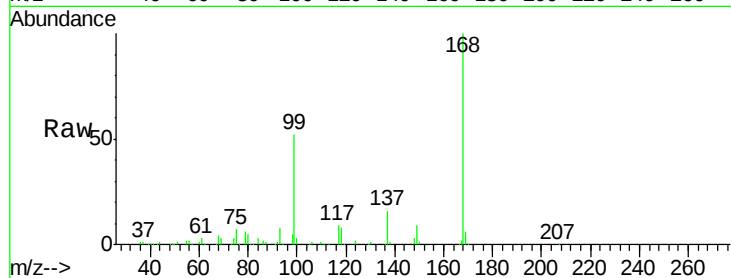




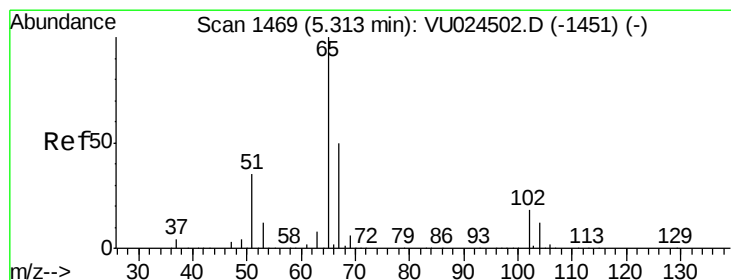
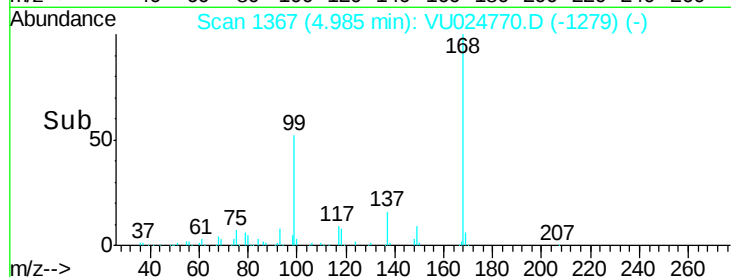
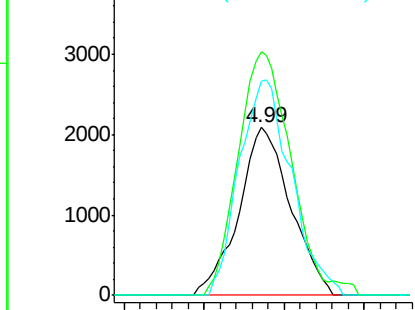
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

Tgt Ion: 56 Resp: 4643
Ion Ratio Lower Upper
56 100
69 145.0 24.8 37.2#
84 127.8 65.2 97.8#

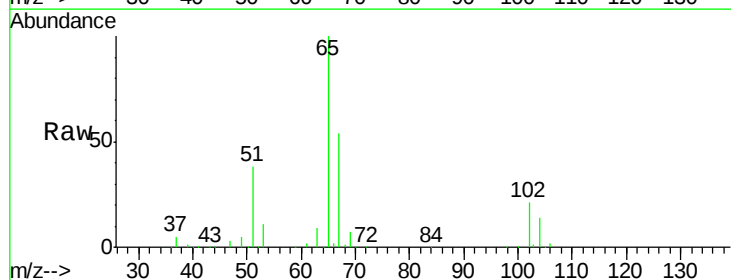


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

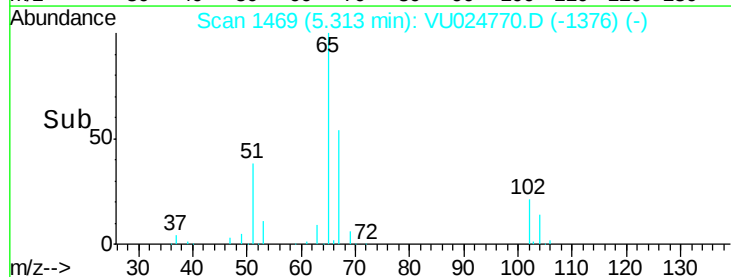
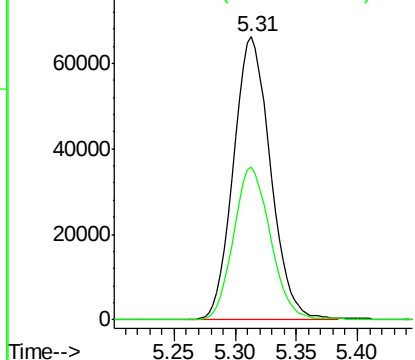


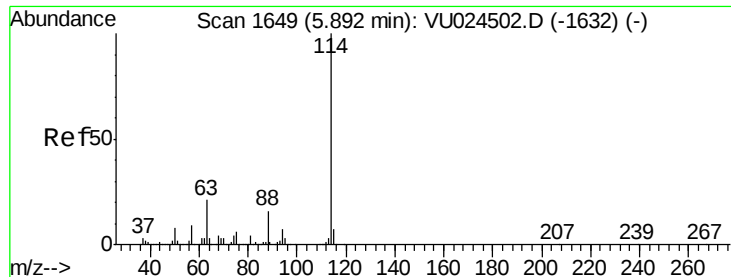
#33
1,2-Dichloroethane-d4
Concen: 42.668 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion: 65 Resp: 139329
Ion Ratio Lower Upper
65 100
67 54.2 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: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

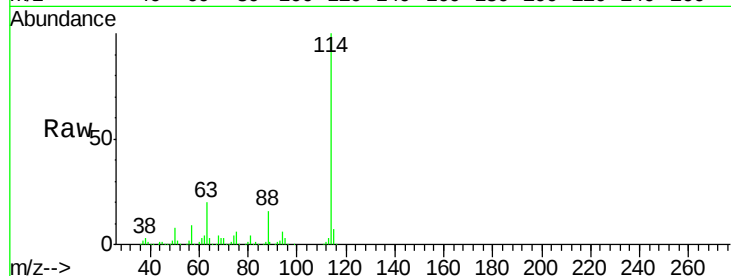
Tgt Ion:114 Resp: 306393

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

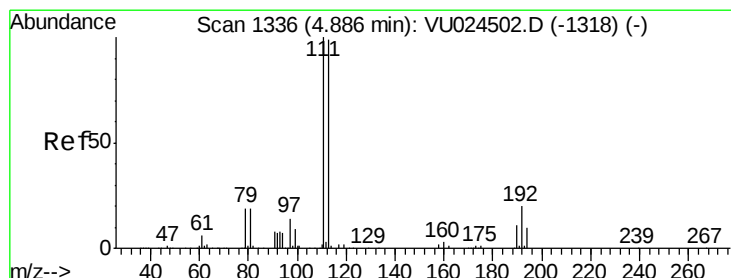
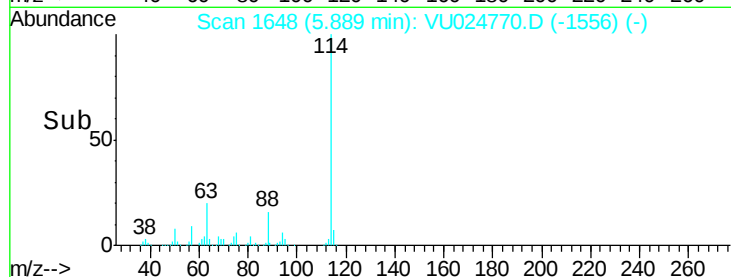
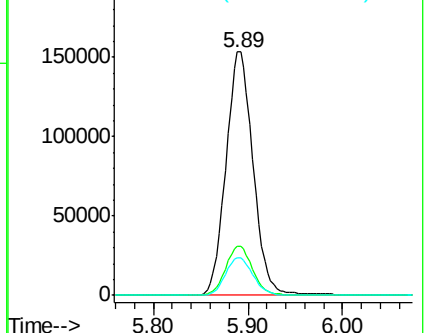
88 15.6 0.0 31.0



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: 46.817 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

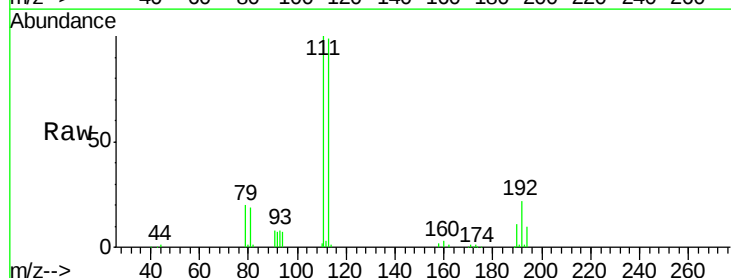
Tgt Ion:113 Resp: 119048

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

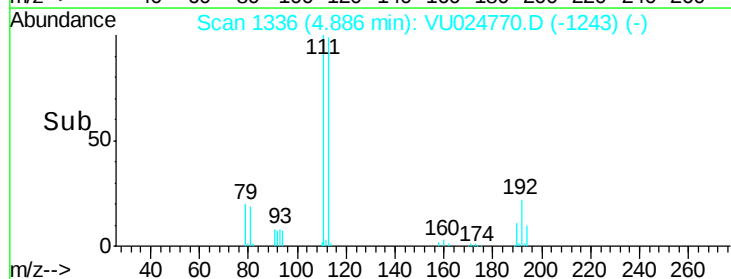
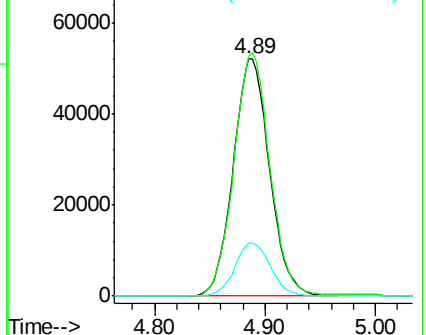
192 22.0 16.2 24.4

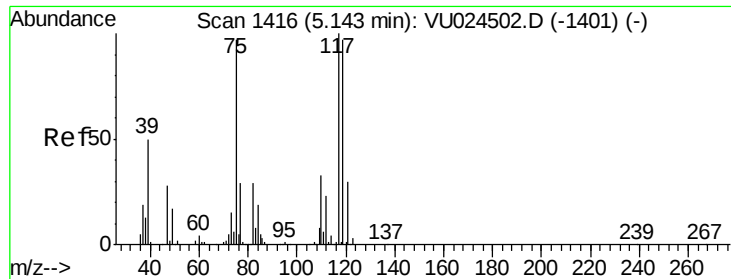


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

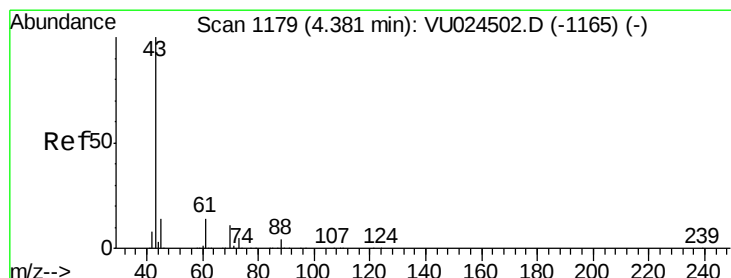
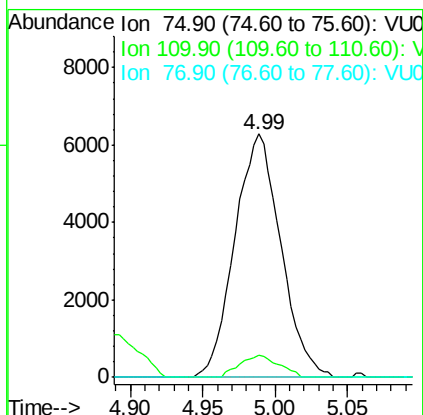
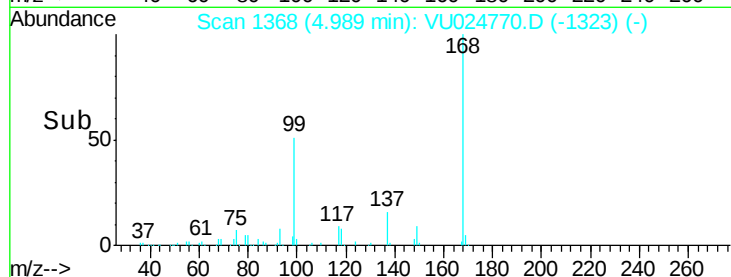
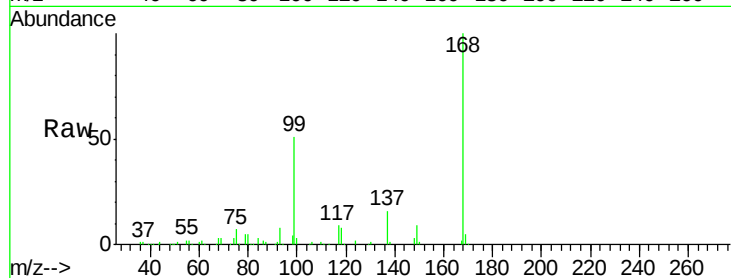




#36
 1,1-Dichloropropene
 Concen: 3.850 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024770.D
 Acq: 20 Jun 2018 20:22

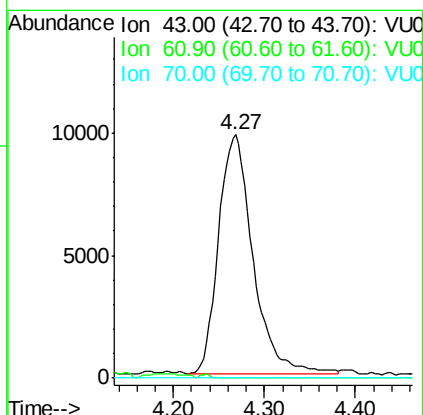
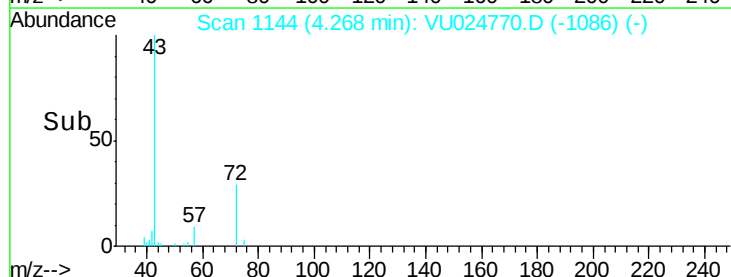
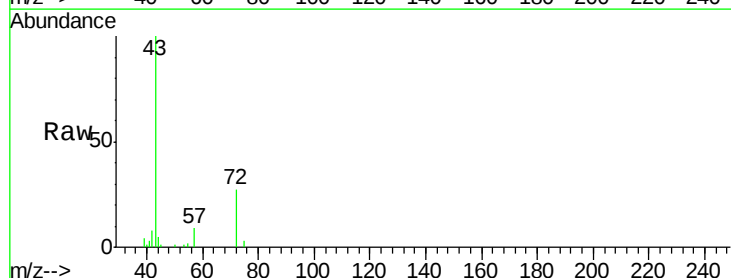
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

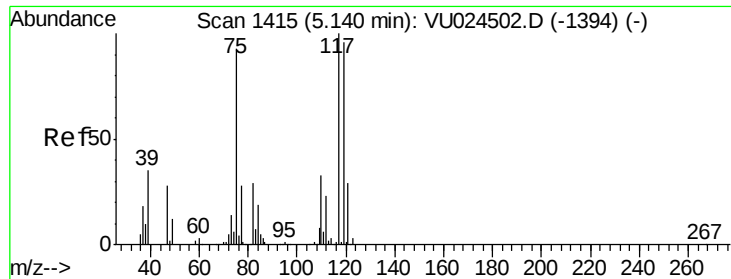
Tgt Ion: 75 Resp: 13861
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 50.9#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 6.487 ug/l
 RT: 4.27 min Scan# 1144
 Delta R.T. -0.11 min
 Lab File: VU024770.D
 Acq: 20 Jun 2018 20:22

Tgt Ion: 43 Resp: 25456
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.2#





#38

Carbon Tetrachloride

Concen: 4.751 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampled :

TPTW-04

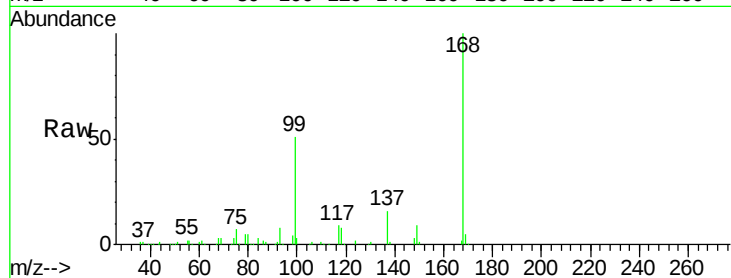
Tgt Ion:117 Resp: 18812

Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

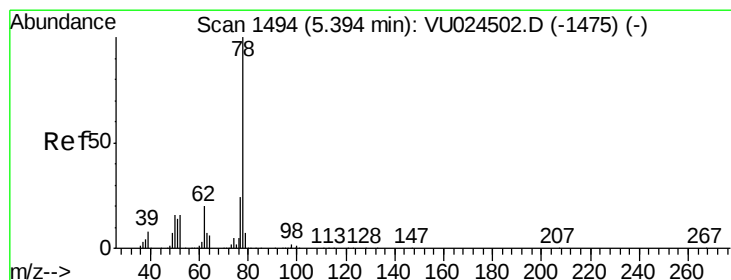
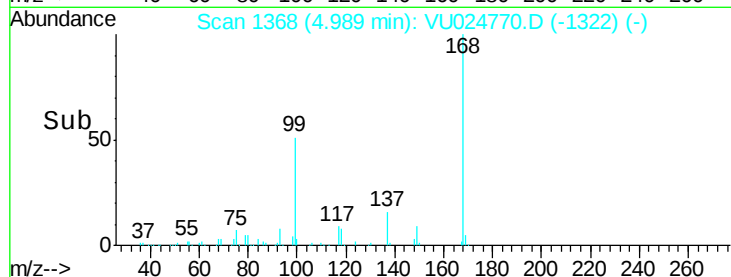
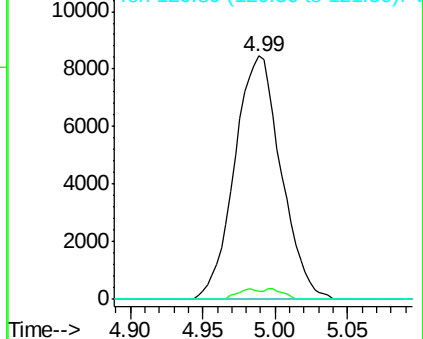
121 0.0 23.7 35.5#



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: 7.146 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU024770.D

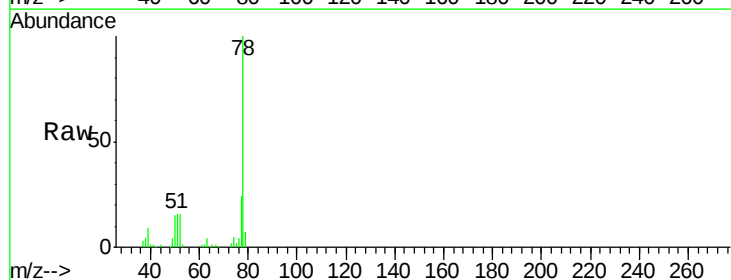
Acq: 20 Jun 2018 20:22

Tgt Ion: 78 Resp: 73307

Ion Ratio Lower Upper

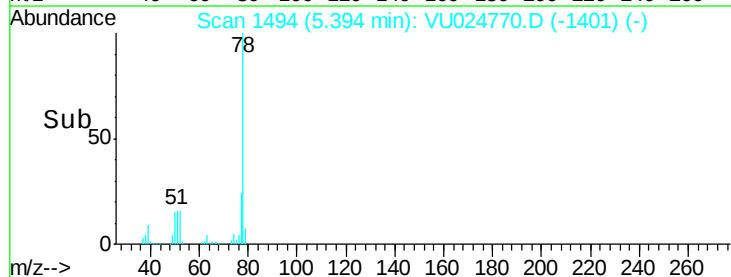
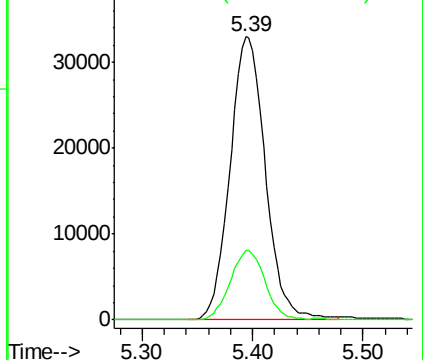
78 100

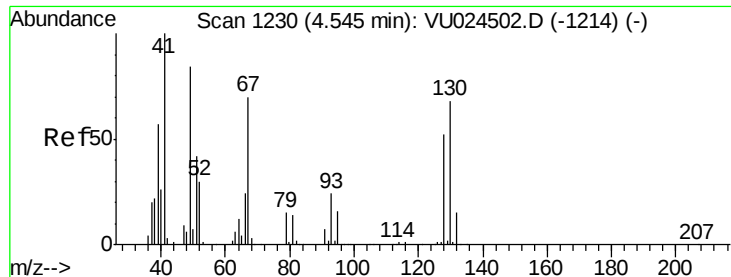
77 24.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

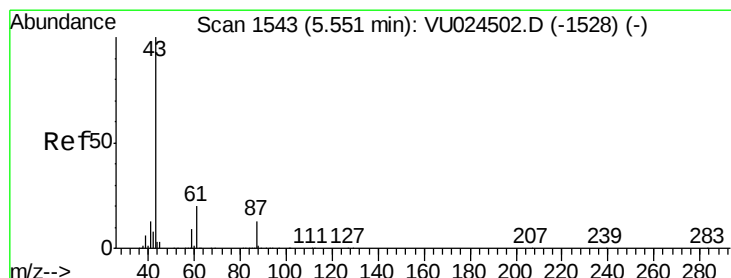
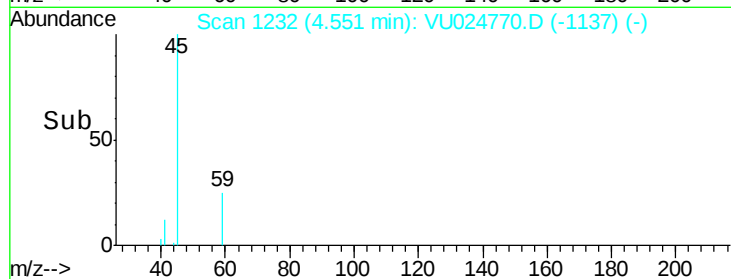
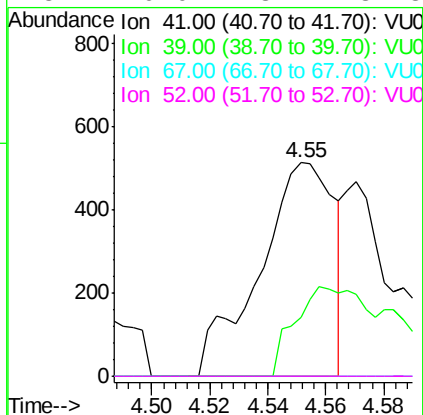
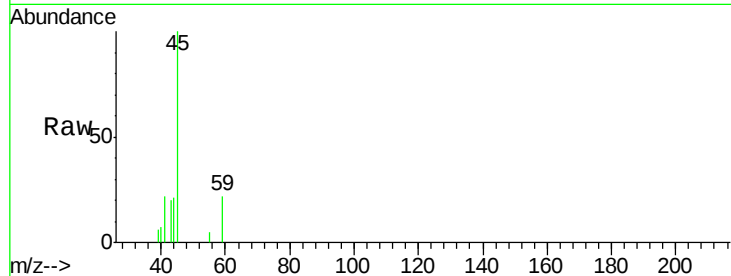




#41
Methacrylonitrile
Concen: 0.434 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

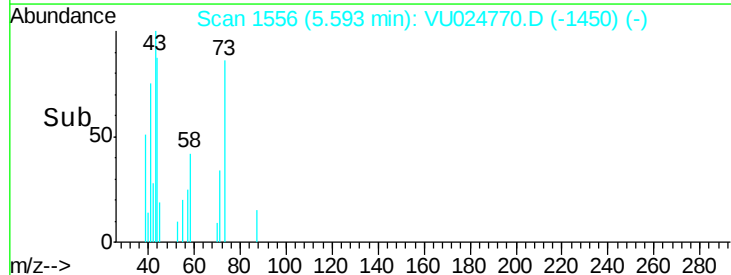
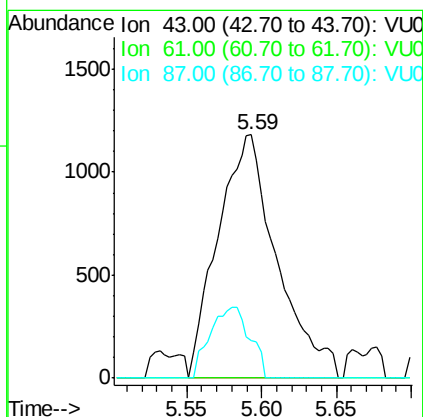
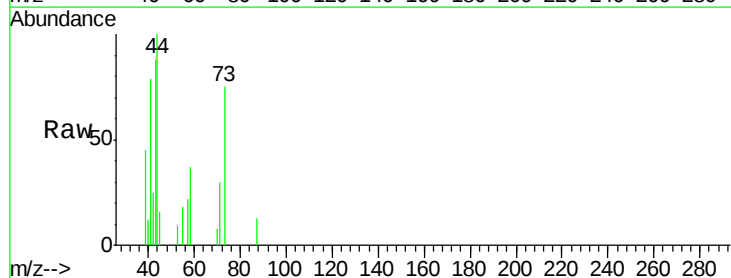
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

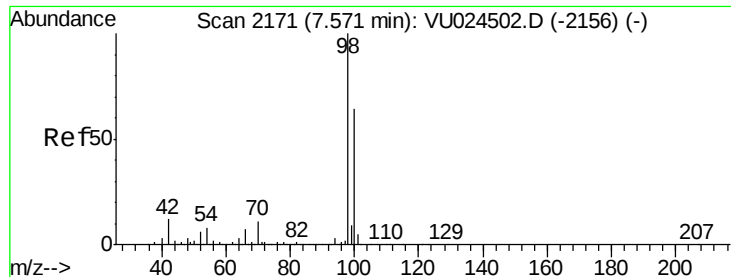
Tgt Ion:	41	Resp:	919
Ion	Ratio	Lower	Upper
41	100		
39	39.6	43.8	65.6#
67	0.0	56.3	84.5#
52	0.0	23.2	34.8#



#43
Isopropyl Acetate
Concen: 0.479 ug/l
RT: 5.59 min Scan# 1556
Delta R.T. 0.04 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion:	43	Resp:	3246
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	19.5	10.0	15.0#





#50

Toluene-d8

Concen: 48.304 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

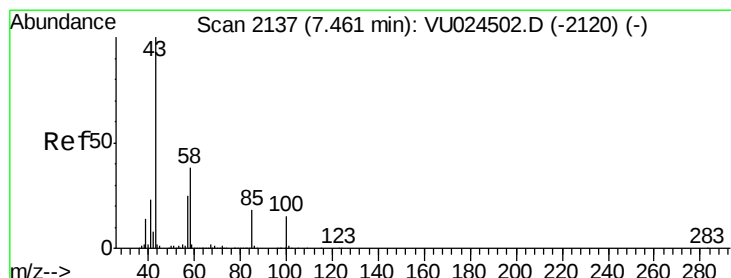
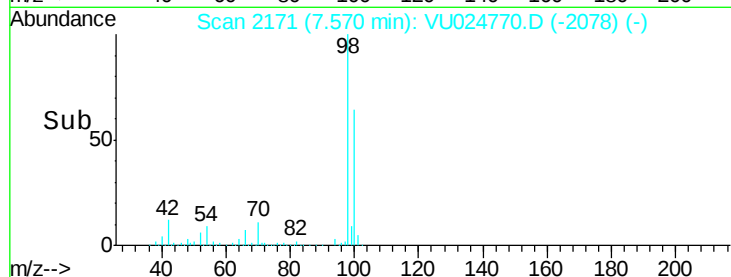
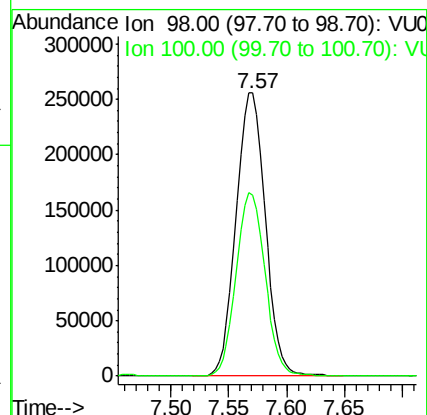
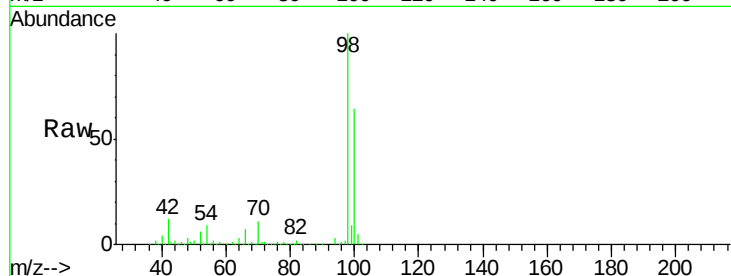
TPTW-04

Tgt Ion: 98 Resp: 448029

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 3.895 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024770.D

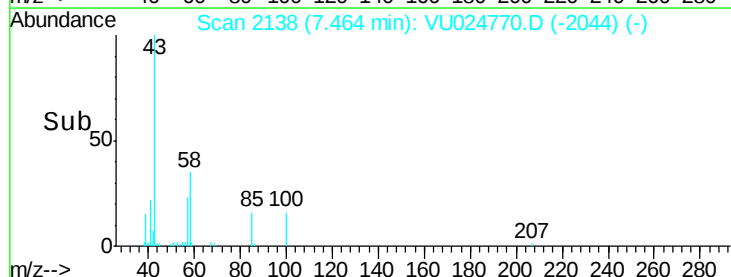
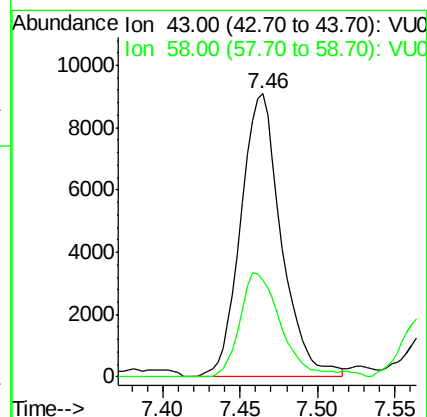
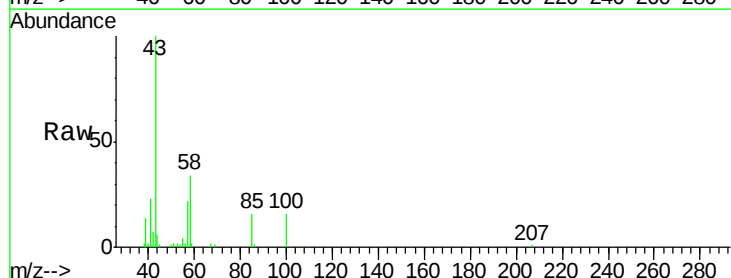
Acq: 20 Jun 2018 20:22

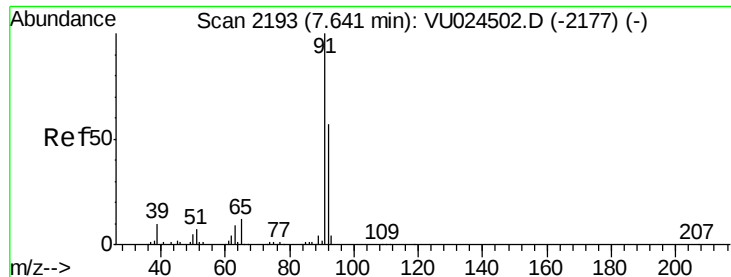
Tgt Ion: 43 Resp: 16598

Ion Ratio Lower Upper

43 100

58 37.4 30.0 45.0





#52

Toluene

Concen: 0.807 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

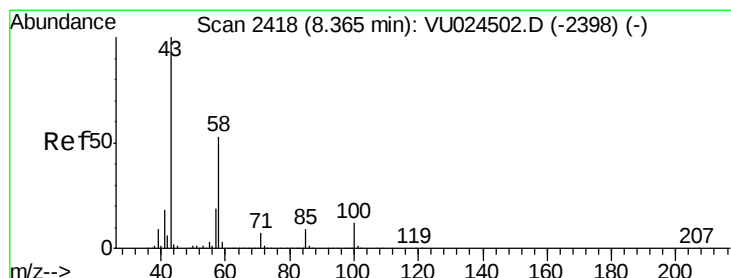
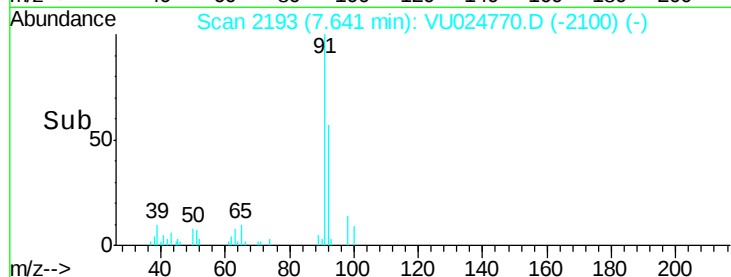
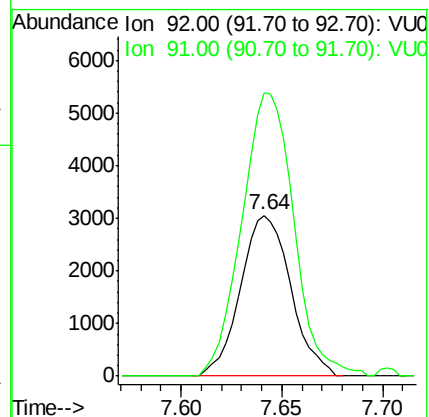
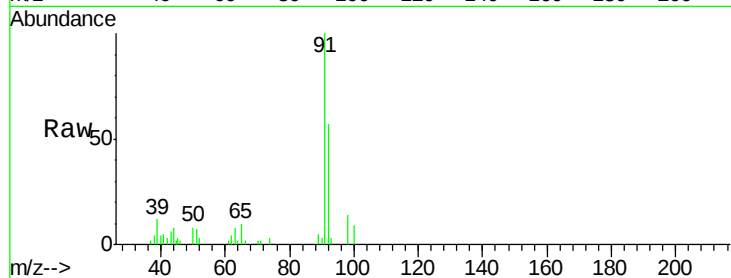
TPTW-04

Tgt Ion: 92 Resp: 5328

Ion Ratio Lower Upper

92 100

91 182.7 140.5 210.7



#59

2-Hexanone

Concen: 0.901 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. 0.00 min

Lab File: VU024770.D

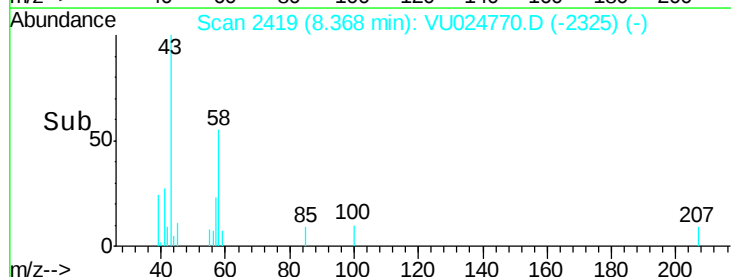
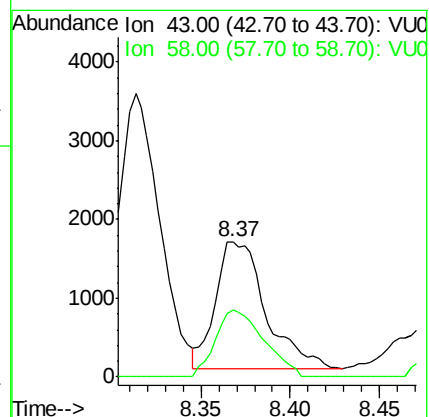
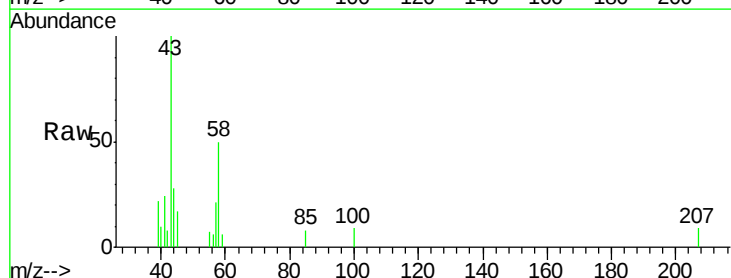
Acq: 20 Jun 2018 20:22

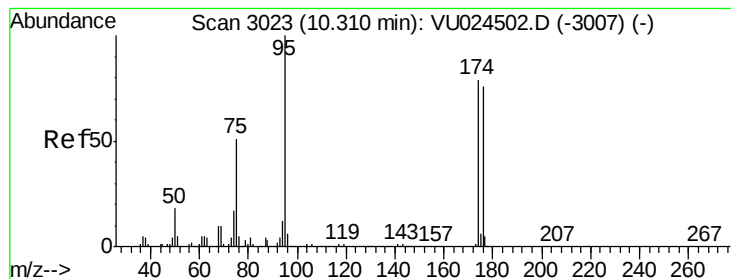
Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

58 51.0 26.4 79.0





#62

4-Bromofluorobenzene

Concen: 44.862 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampled :

TPTW-04

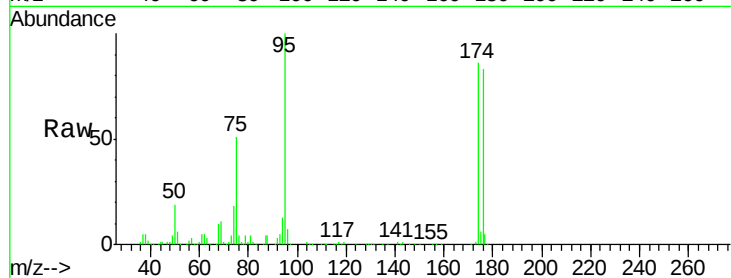
Tgt Ion: 95 Resp: 165211

Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

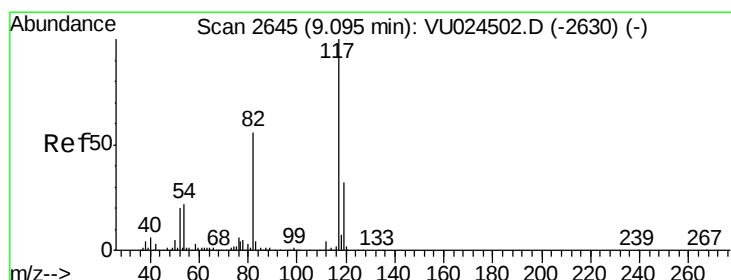
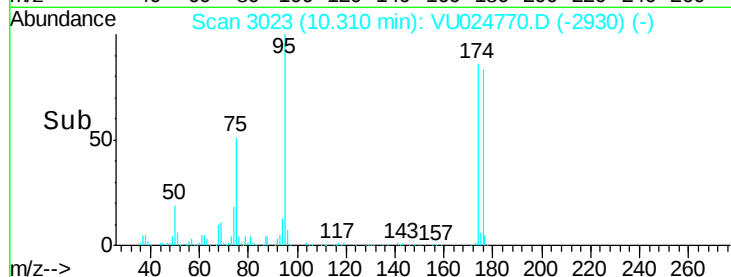
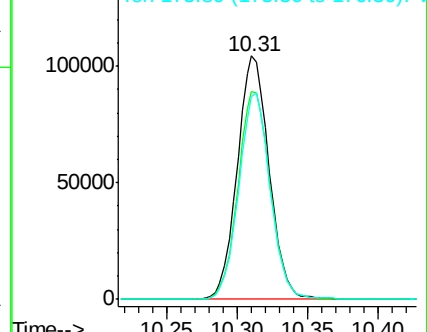
176 83.8 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024770.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024770.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024770.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

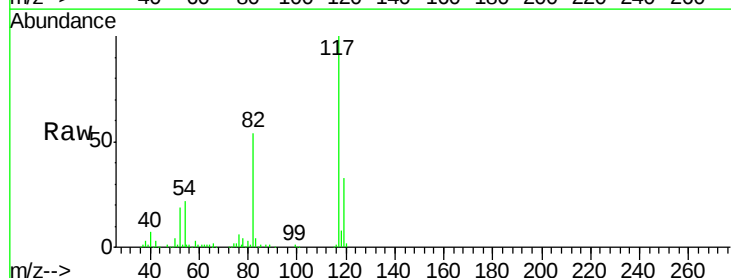
Tgt Ion: 117 Resp: 288782

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

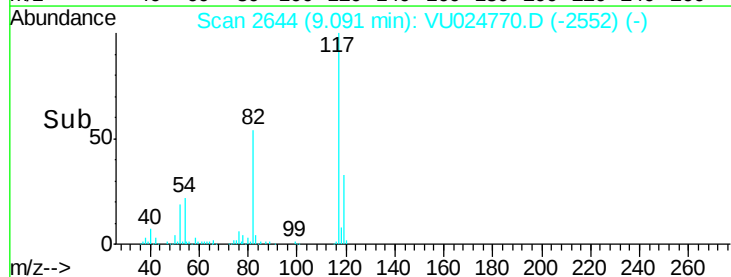
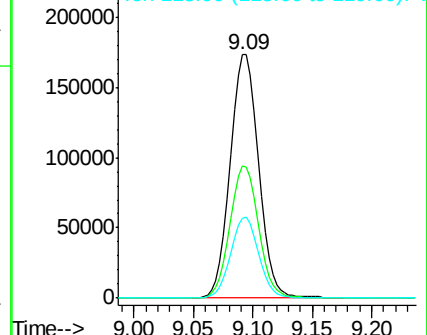
119 32.9 25.4 38.2

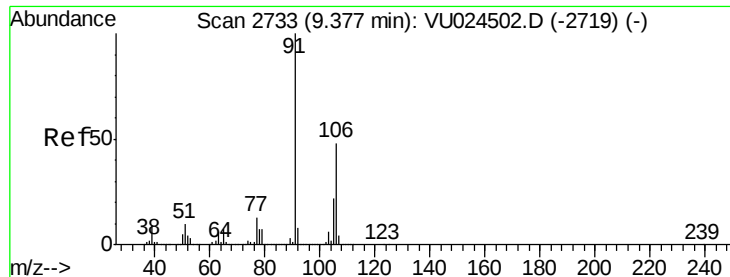


Abundance Ion 116.90 (116.60 to 117.60): VU024770.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024770.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024770.D (-2552) (-)

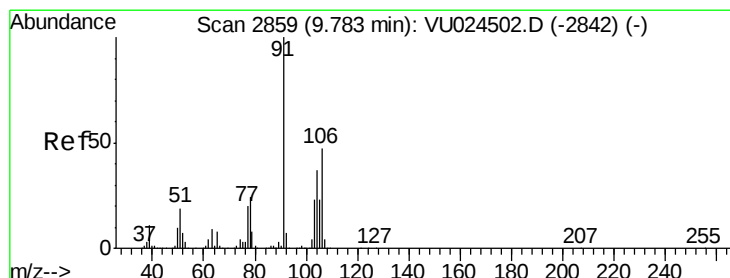
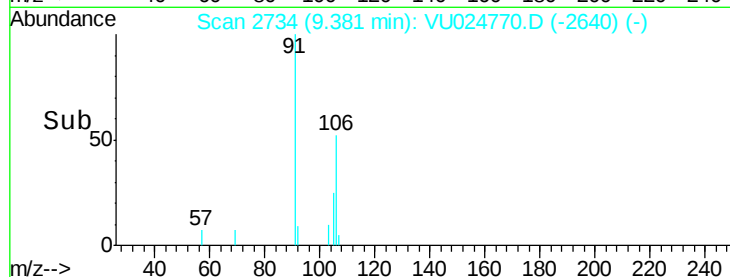
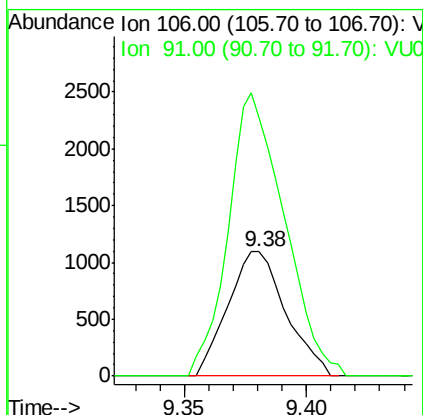
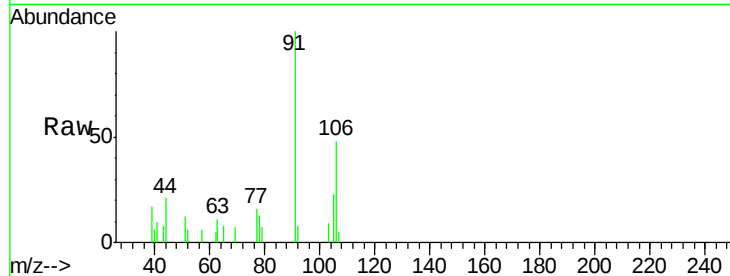




#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

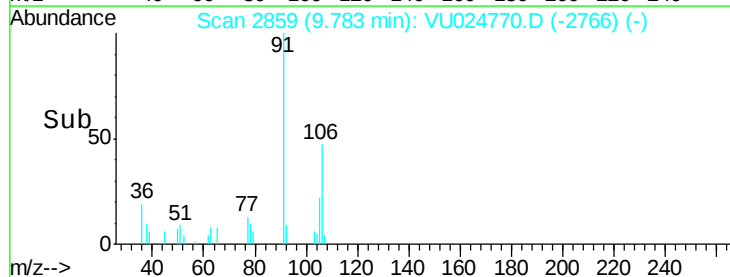
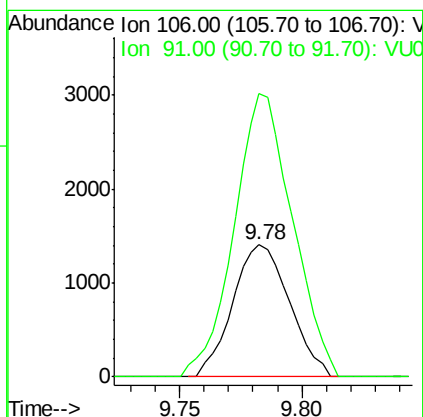
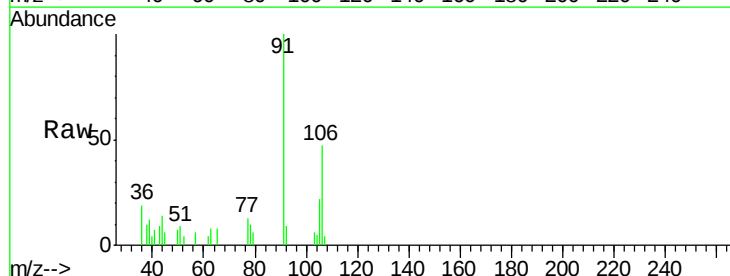
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

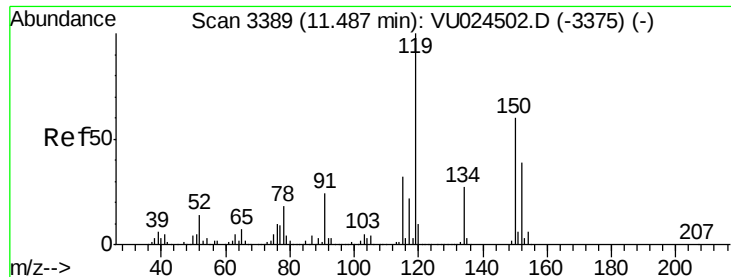
Tgt Ion:106 Resp: 1802
Ion Ratio Lower Upper
106 100
91 220.3 166.5 249.7



#69
o-Xylene
Concen: 0.461 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion:106 Resp: 2264
Ion Ratio Lower Upper
106 100
91 220.8 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

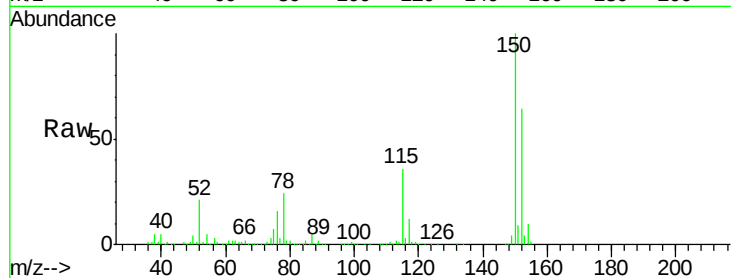
Tgt Ion:152 Resp: 159087

Ion Ratio Lower Upper

152 100

115 57.5 43.0 129.0

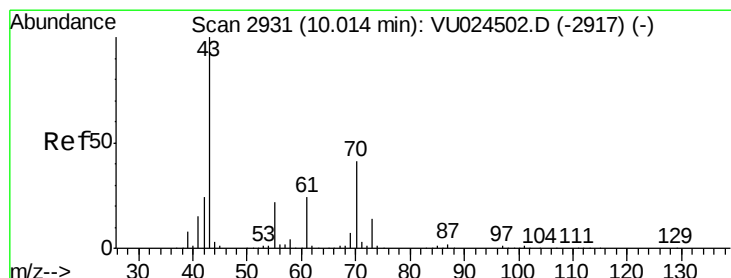
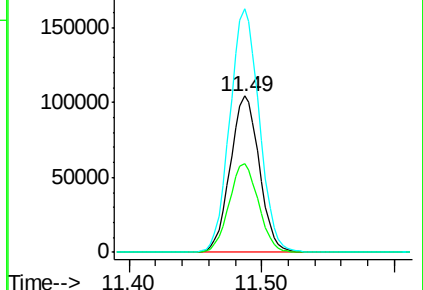
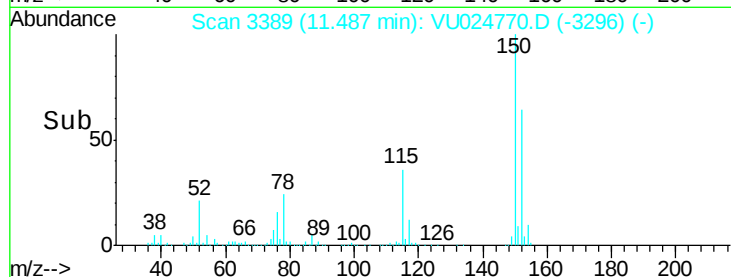
150 157.5 0.0 354.0



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



#74

N-ethyl acetate

Concen: 0.487 ug/l

RT: 10.08 min Scan# 2951

Delta R.T. 0.06 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Tgt Ion: 43 Resp: 2832

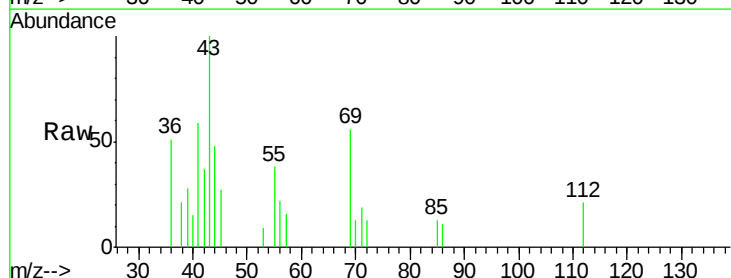
Ion Ratio Lower Upper

43 100

70 4.6 32.2 48.4#

55 21.9 20.5 30.7

61 0.0 18.7 28.1#

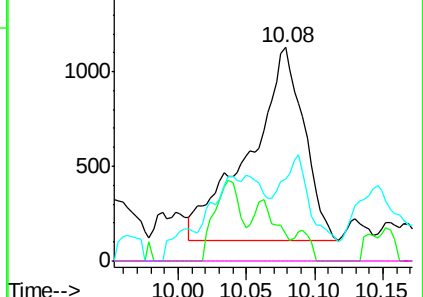
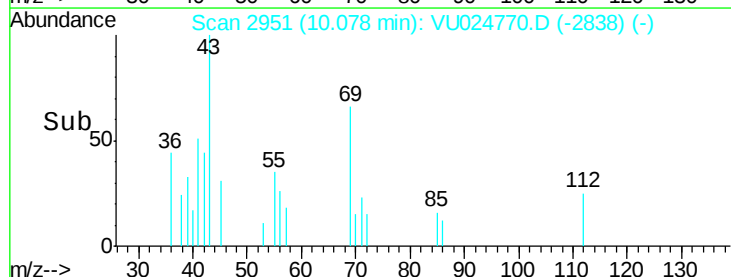


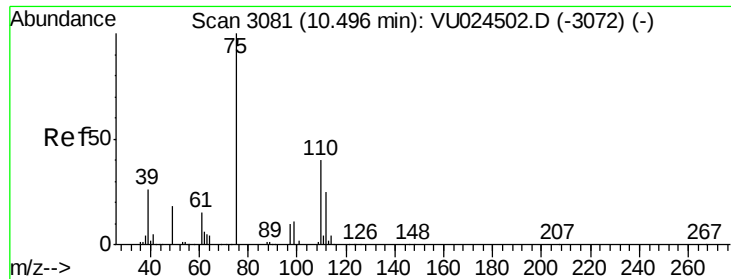
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 23.881 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

Instrument :

MSVOA_U

ClientSampled :

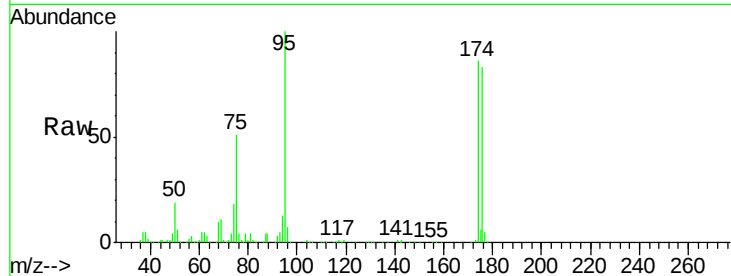
TPTW-04

Tgt Ion: 75 Resp: 83644

Ion Ratio Lower Upper

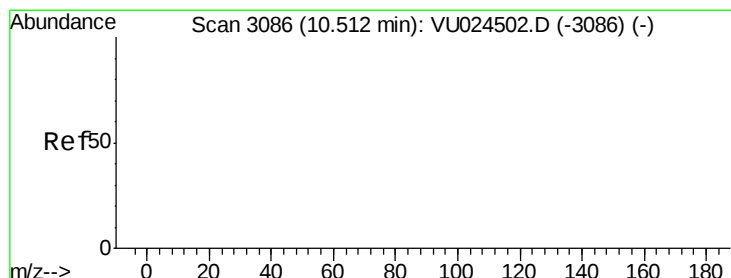
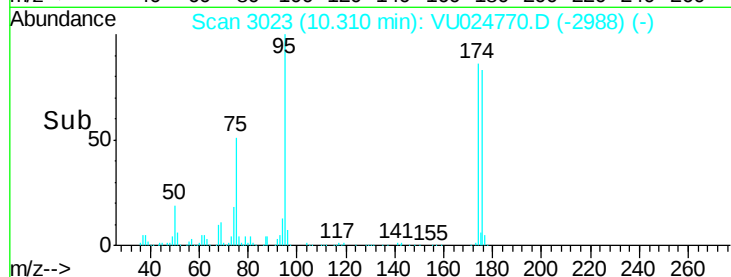
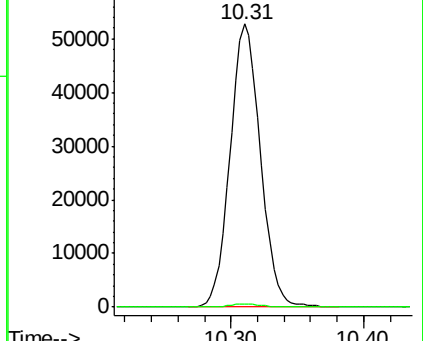
75 100

77 1.2 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 55.271 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024770.D

Acq: 20 Jun 2018 20:22

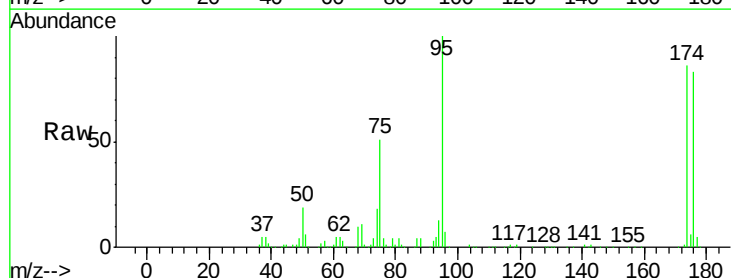
Tgt Ion: 75 Resp: 83644

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

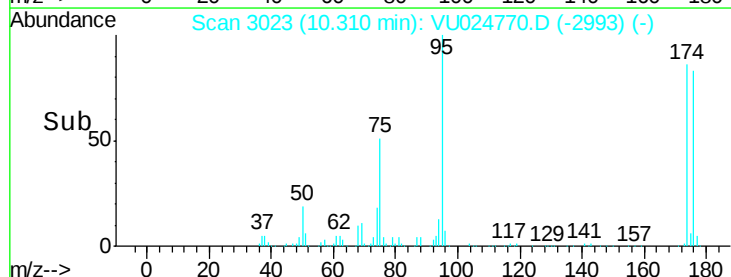
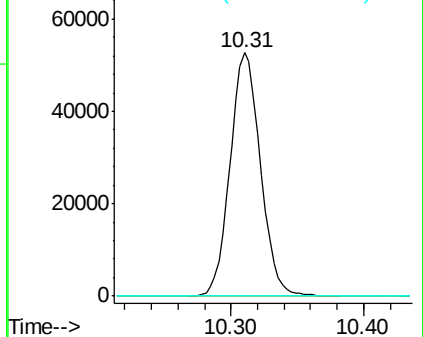
89 0.0 0.0 0.0

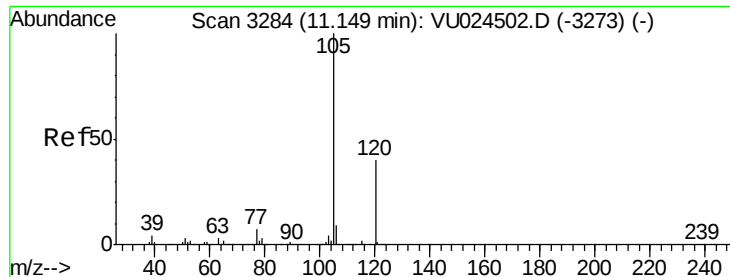


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

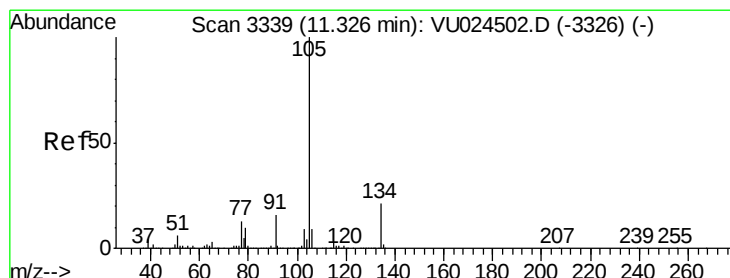
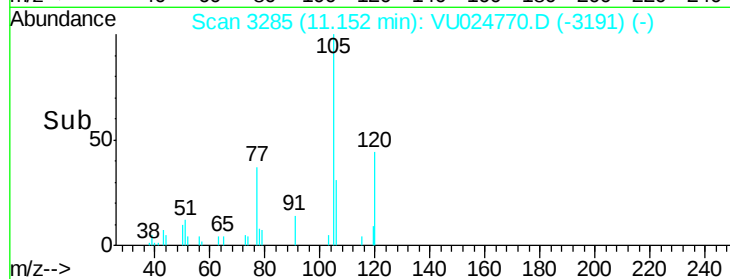
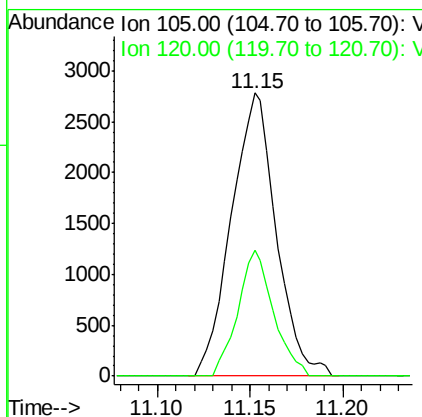
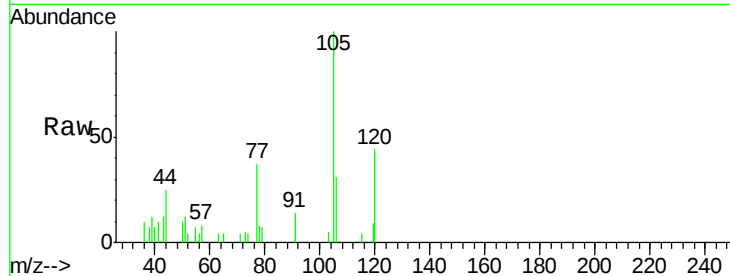




#84
 1,2,4-Trimethylbenzene
 Concen: 0.432 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024770.D
 Acq: 20 Jun 2018 20:22

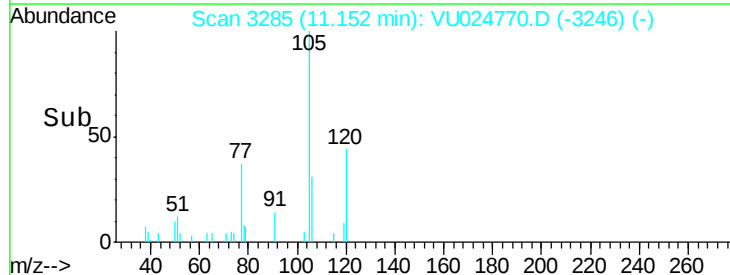
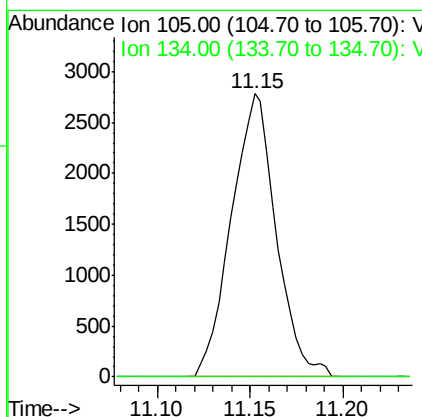
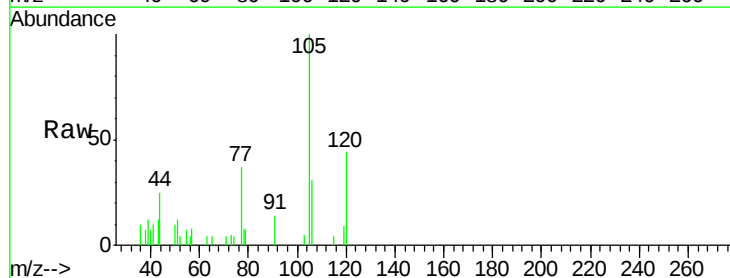
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

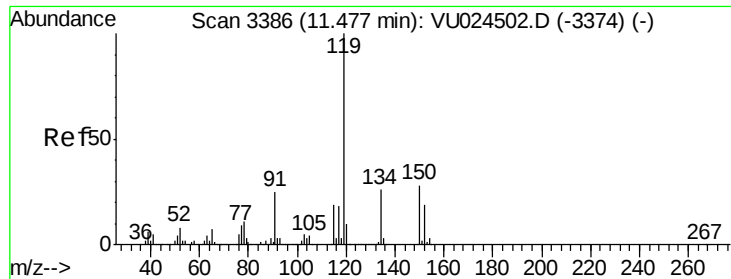
Tgt Ion:105 Resp: 4660
 Ion Ratio Lower Upper
 105 100
 120 35.2 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.366 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.17 min
 Lab File: VU024770.D
 Acq: 20 Jun 2018 20:22

Tgt Ion:105 Resp: 4660
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

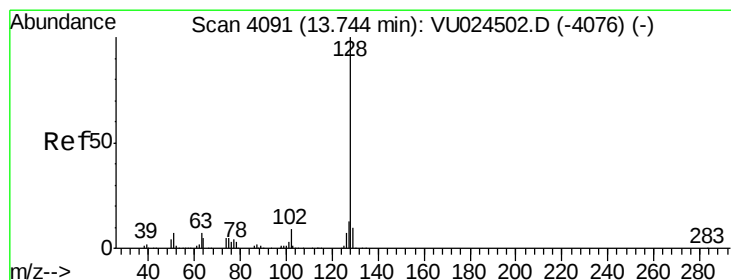
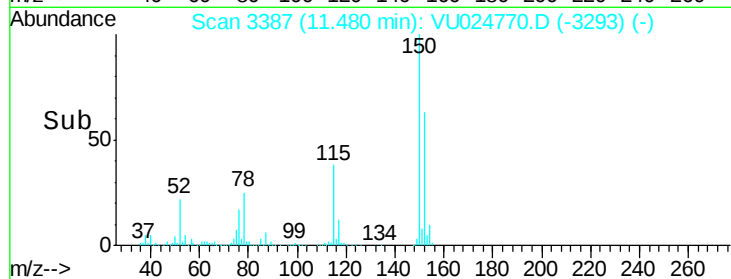
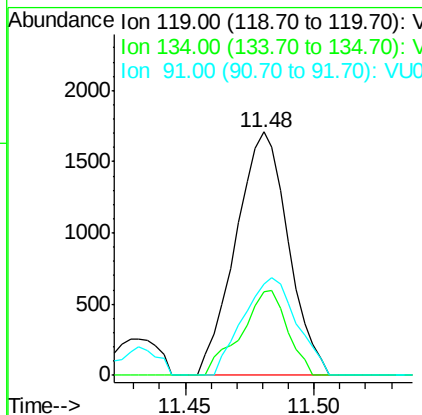
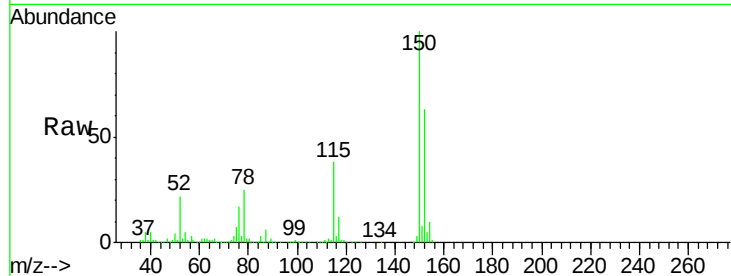




#86
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Instrument :
MSVOA_U
ClientSampled :
TPTW-04

Tgt Ion:119 Resp: 2422
Ion Ratio Lower Upper
119 100
134 30.7 12.9 38.6
91 41.0 12.0 36.1#



#95
Naphthalene
Concen: 5.470 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024770.D
Acq: 20 Jun 2018 20:22

Tgt Ion:128 Resp: 56816
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.6 12.8

