

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024805.D
 Acq On : 21 Jun 2018 12:50
 Operator : MD/SY
 Sample : J3529-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

Quant Time: Jun 21 15:23:17 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	195325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300205	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	140613	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.20%		
35) Dibromofluoromethane	4.89	113	117227	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.10%		
50) Toluene-d8	7.57	98	434230	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.56%		
62) 4-Bromofluorobenzene	10.31	95	162755	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.22%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	764	0.31	ug/l	99
5) Bromomethane	1.64	94	621	0.50	ug/l	100
6) Chloroethane	1.72	64	21	Below Cal	#	43
8) Diethyl Ether	2.10	74	1595	Below Cal		87
10) Methyl Iodide	2.42	142	472	5.49	ug/l	# 65
11) Tert butyl alcohol	2.82	59	7562	9.75	ug/l	96
13) Acrolein	2.20	56	245	0.60	ug/l	# 1
14) Allyl chloride	2.55	41	3363	0.81	ug/l	# 28
15) Acrylonitrile	3.00	53	375	0.25	ug/l	# 24
16) Acetone	2.32	43	136671	79.77	ug/l	98
17) Carbon Disulfide	2.48	76	4090	0.57	ug/l	# 93
18) Methyl Acetate	2.44	43	13612	3.71	ug/l	# 53
19) Methyl tert-butyl Ether	3.00	73	33370	3.99	ug/l	100
25) 2-Butanone	4.27	43	21550	9.36	ug/l	# 87
29) Tetrahydrofuran	4.64	42	12486	8.76	ug/l	98
31) Cyclohexane	4.99	56	4655	Below Cal	#	27
36) 1,1-Dichloropropene	4.99	75	13780	3.91	ug/l	# 50
37) Ethyl Acetate	4.27	43	21550	5.60	ug/l	# 70
38) Carbon Tetrachloride	4.99	117	18227	4.70	ug/l	# 16
40) Benzene	5.39	78	76511	7.61	ug/l	100
43) Isopropyl Acetate	5.59	43	2187	0.33	ug/l	# 57
51) 4-Methyl-2-Pentanone	7.46	43	14059	3.37	ug/l	98
52) Toluene	7.64	92	5870	0.91	ug/l	98
59) 2-Hexanone	8.37	43	2436	0.71	ug/l	93
68) m/p-Xylenes	9.38	106	2078	0.43	ug/l	84
69) o-Xylene	9.78	106	2237	0.47	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	81972	23.93	ug/l	# 36
80) 1,3,5-Trimethylbenzene	10.77	105	2443	0.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	81972	55.39	ug/l	# 100
84) 1,2,4-Trimethylbenzene	11.16	105	3957	0.38	ug/l	89
86) p-Isopropyltoluene	11.48	119	2827	0.25	ug/l	# 68
90) Hexachloroethane	12.30	117	462	0.21	ug/l	# 8
95) Naphthalene	13.75	128	31452	3.39	ug/l	98

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

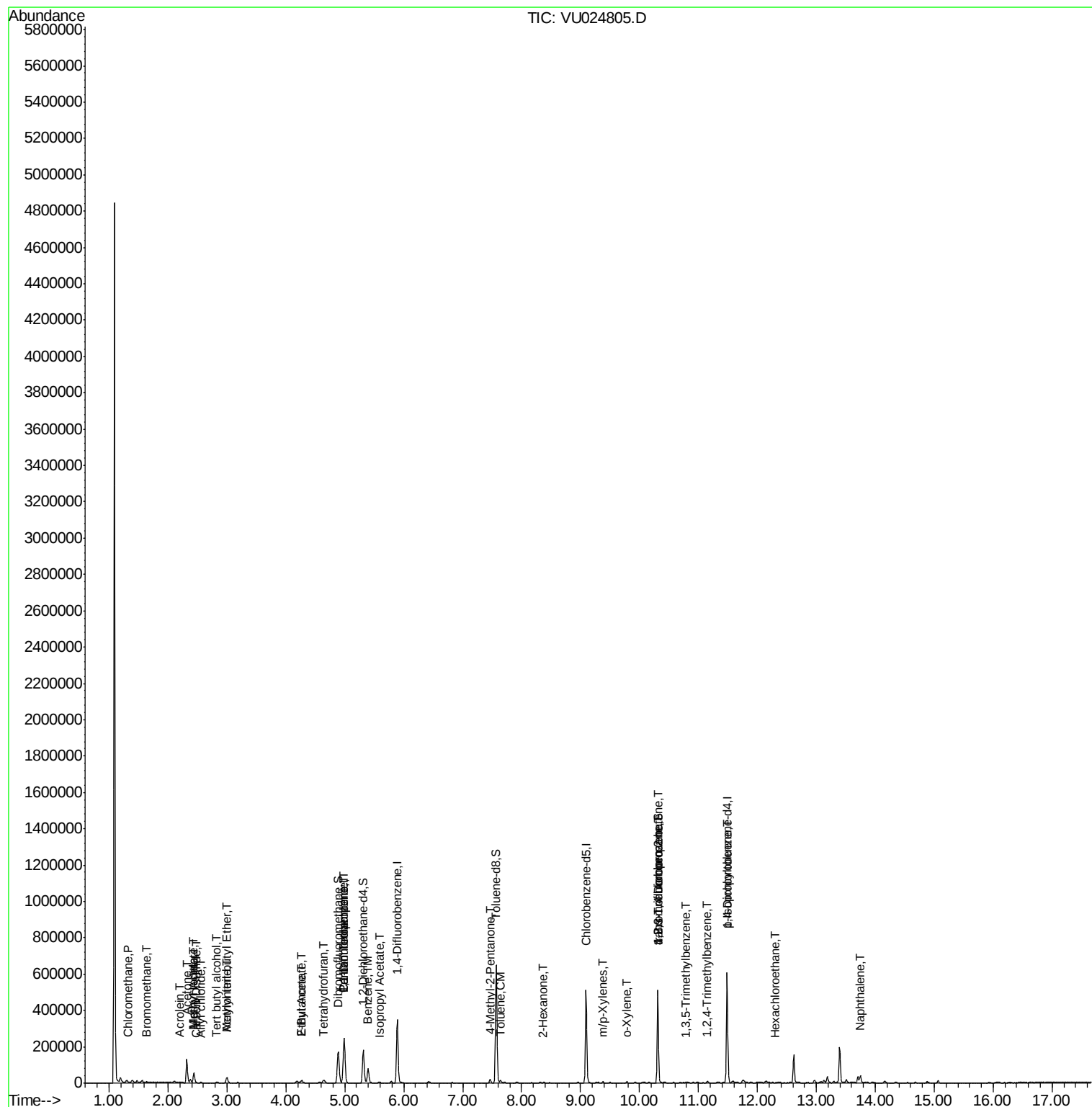
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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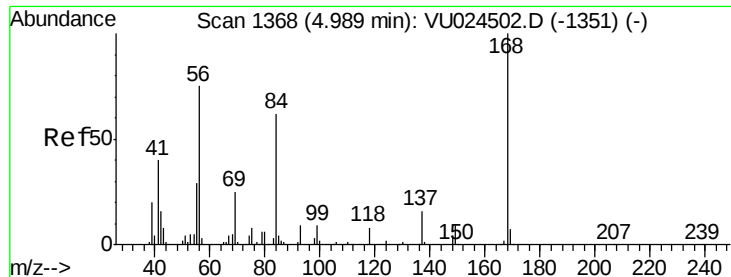
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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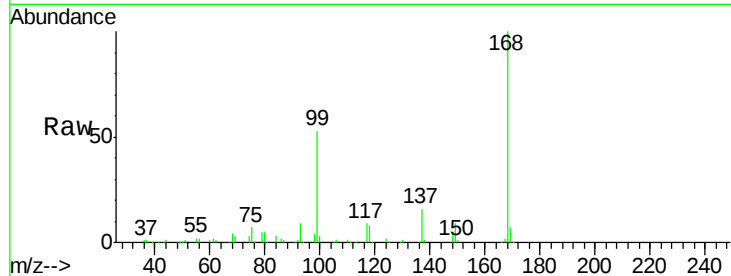




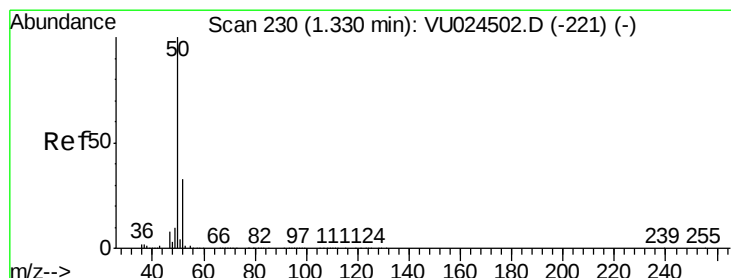
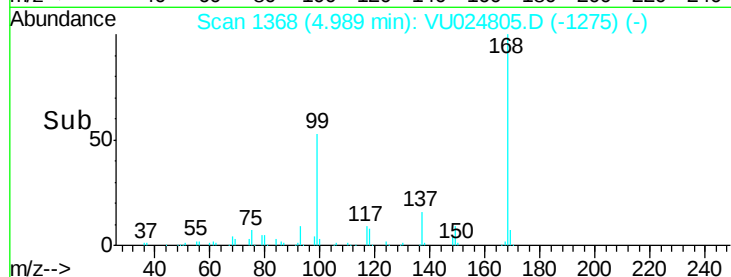
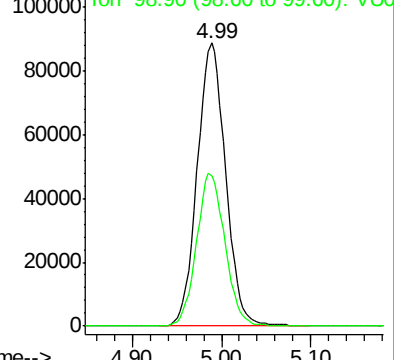
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

Tot Ion:168 Resp: 195325
Ion Ratio Lower Upper
168 100
99 53.3 43.2 64.8

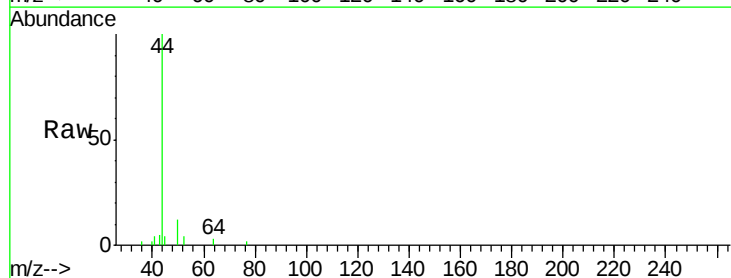


Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)
Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

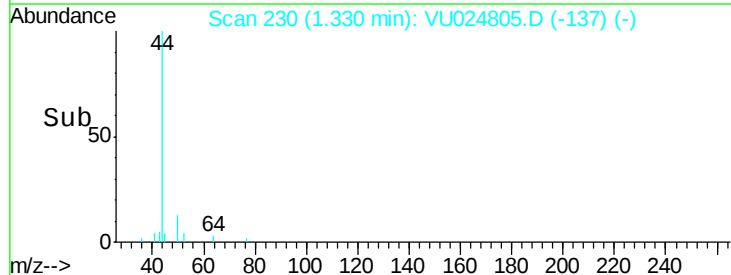
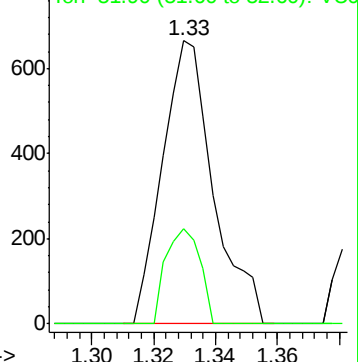


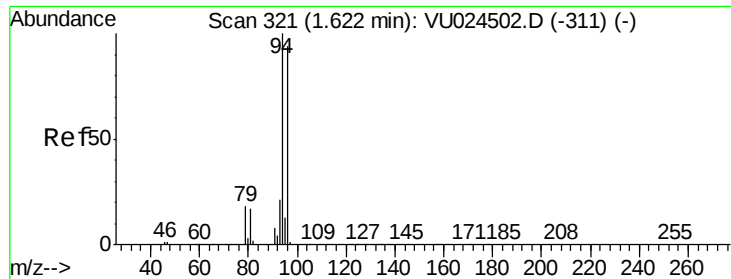
#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 50 Resp: 764
Ion Ratio Lower Upper
50 100
52 33.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)
Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)





#5

Bromomethane

Concen: 0.50 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

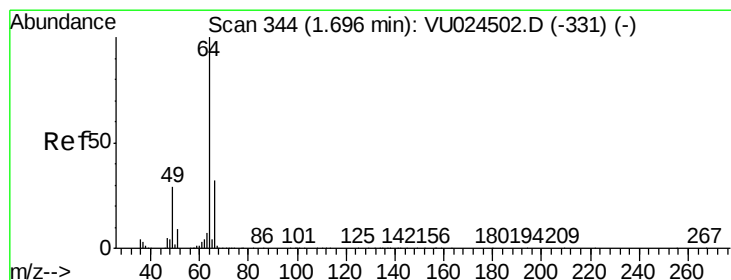
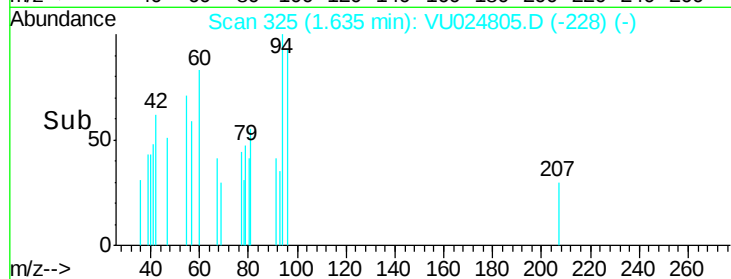
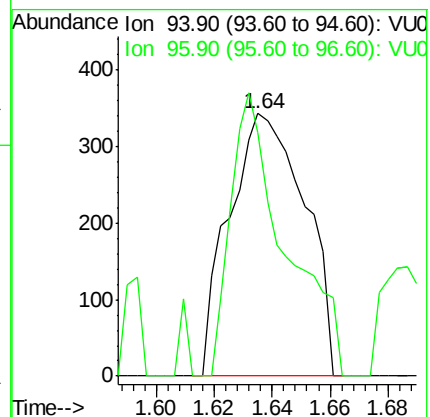
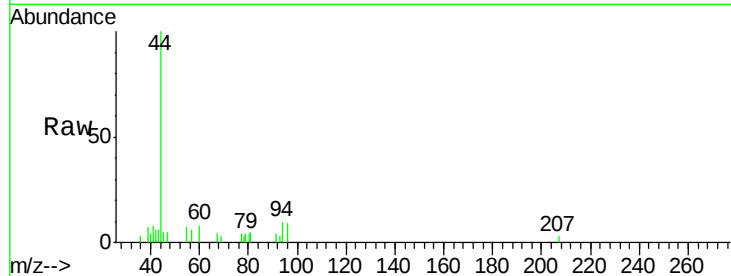
TPTW-04

Tot Ion: 94 Resp: 621

Ion Ratio Lower Upper

94 100

96 93.0 74.5 111.7



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 351

Delta R.T. 0.02 min

Lab File: VU024805.D

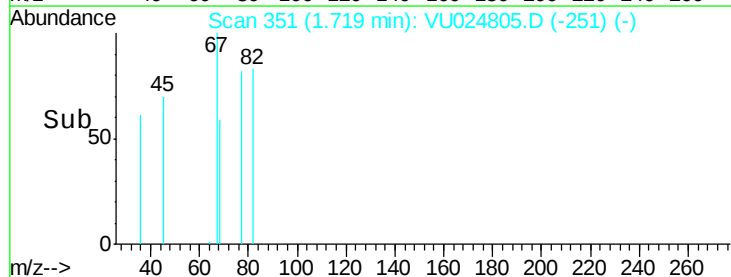
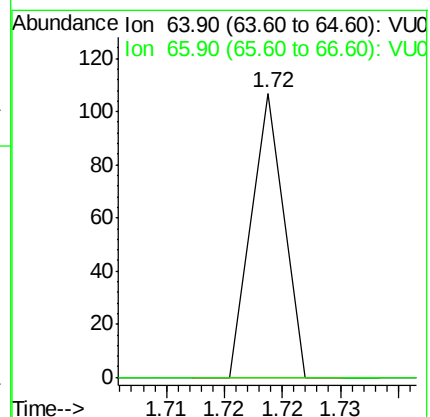
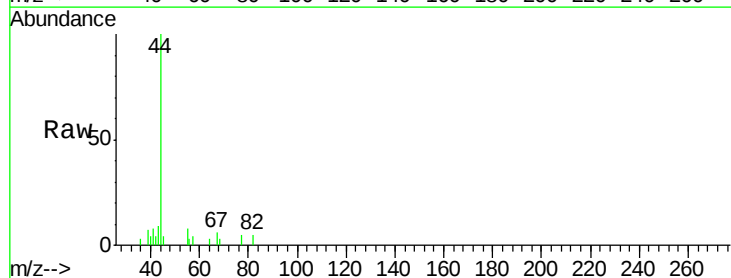
Acq: 21 Jun 2018 12:50

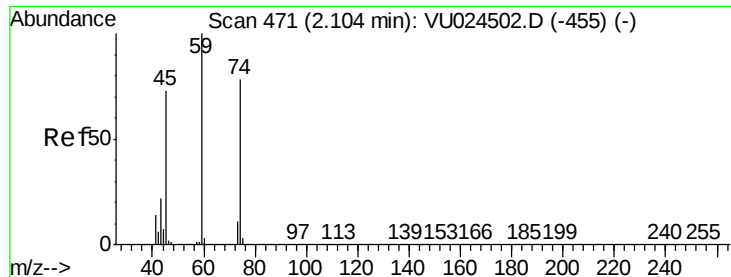
Tgt Ion: 64 Resp: 21

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

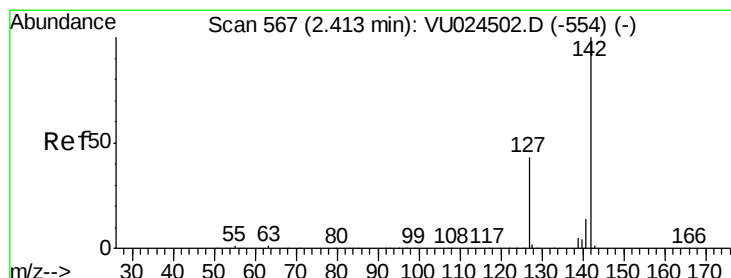
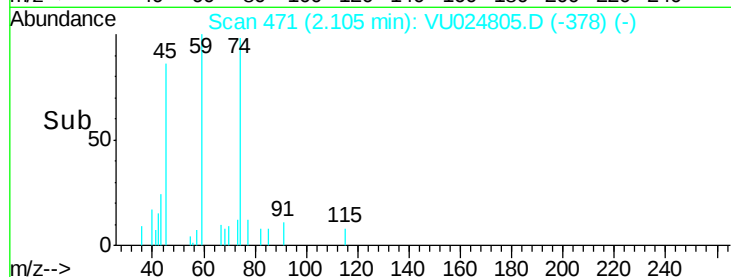
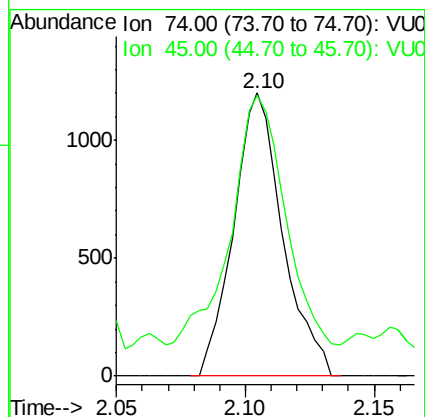
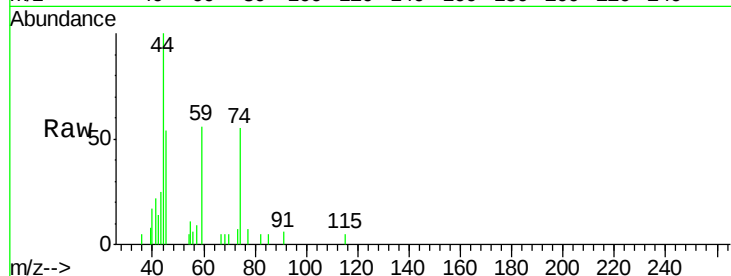
TPTW-04

Tot Ion: 74 Resp: 1595

Ion Ratio Lower Upper

74 100

45 96.0 55.0 165.0



#10

Methyl Iodide

Concen: 5.49 ug/l

RT: 2.42 min Scan# 570

Delta R.T. 0.01 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

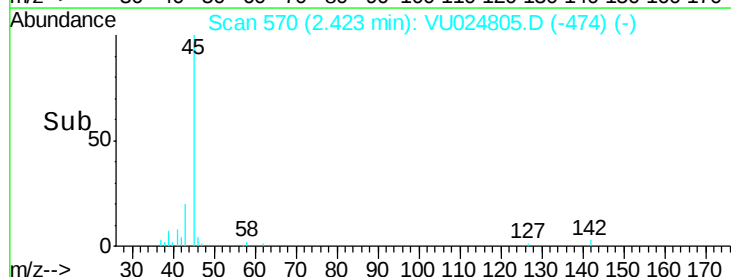
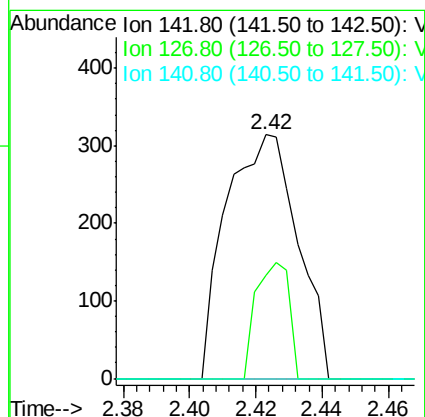
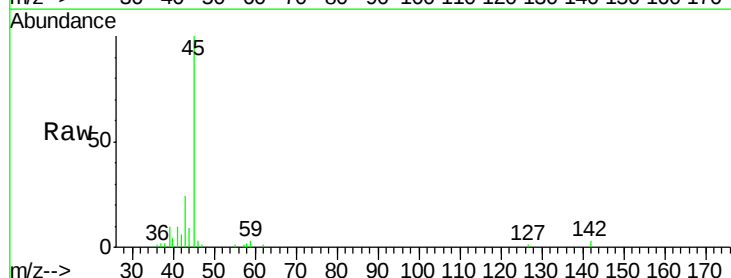
Tgt Ion: 142 Resp: 472

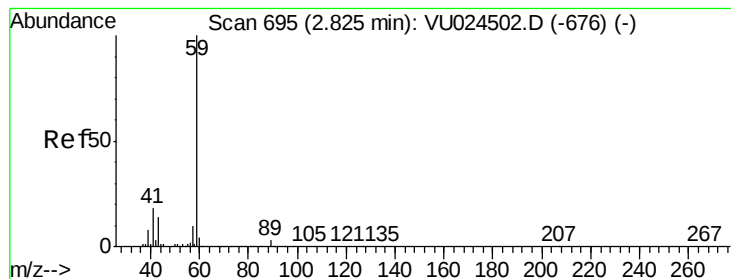
Ion Ratio Lower Upper

142 100

127 21.8 35.6 53.4#

141 0.0 11.7 17.5#



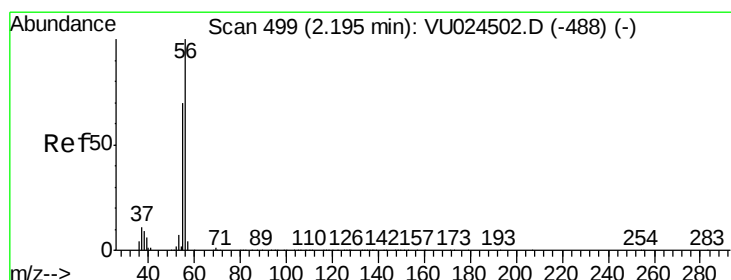
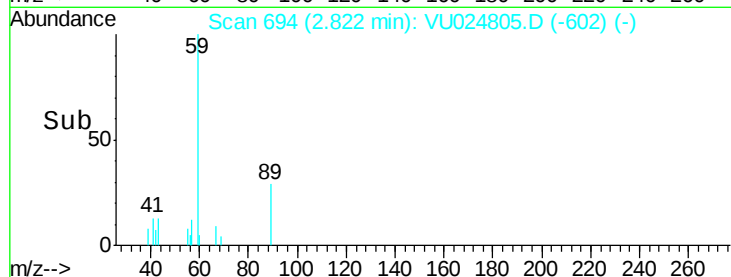
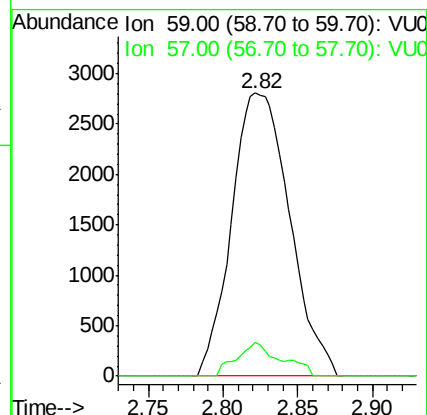
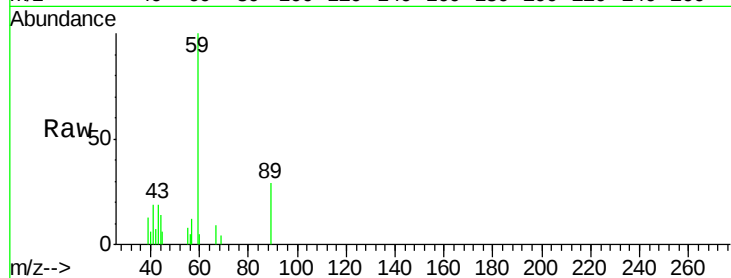


#11

Tert butyl alcohol
 Concen: 9.75 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

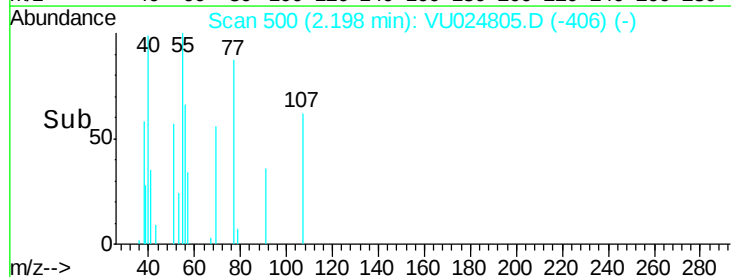
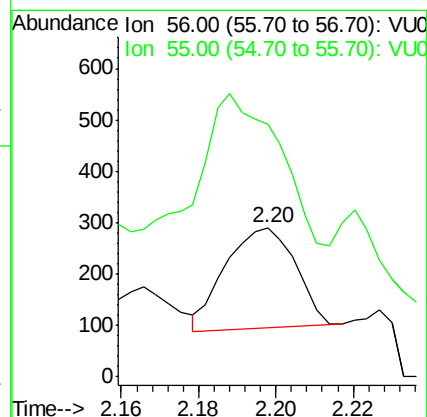
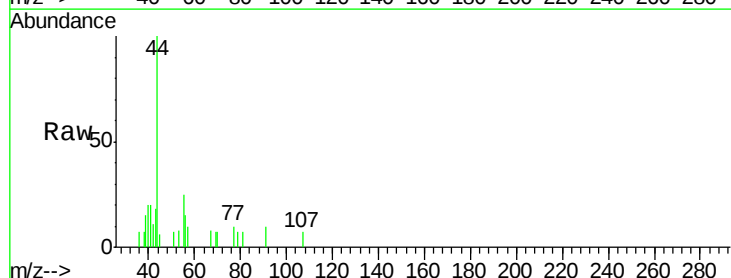
Tot Ion: 59 Resp: 7562
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.5 12.7

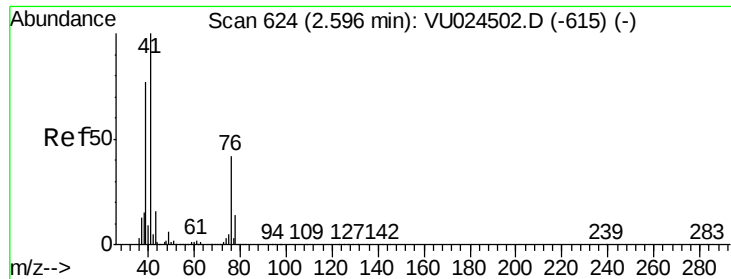


#13

Acrolein
 Concen: 0.60 ug/l
 RT: 2.20 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

Tgt Ion: 56 Resp: 245
 Ion Ratio Lower Upper
 56 100
 55 170.2 58.4 87.6#

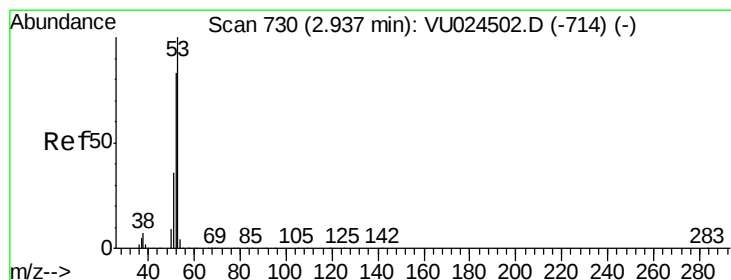
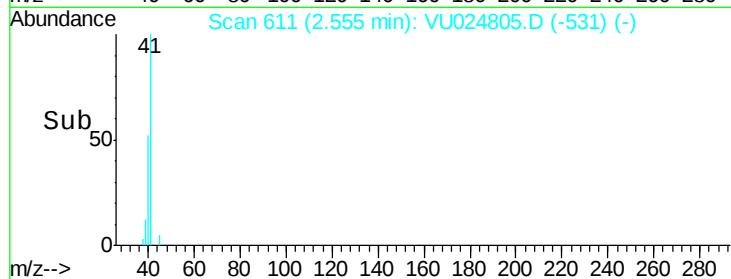
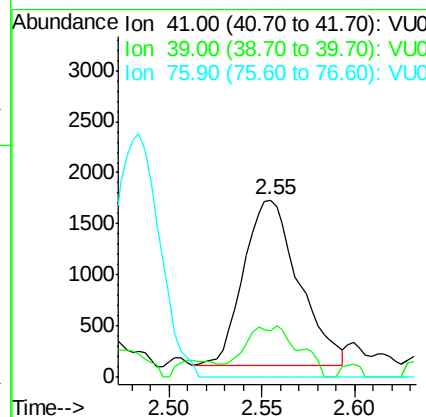
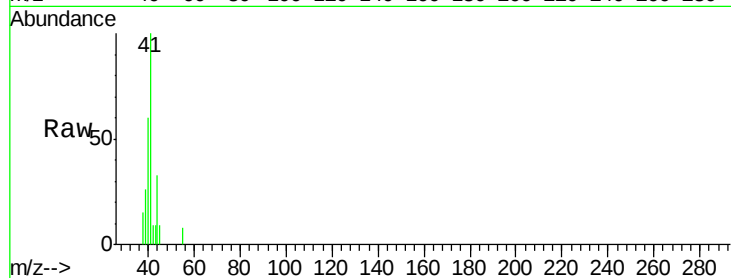




#14
 Allvl chloride
 Concen: 0.81 ug/l
 RT: 2.55 min Scan# 611
 Delta R.T. -0.04 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

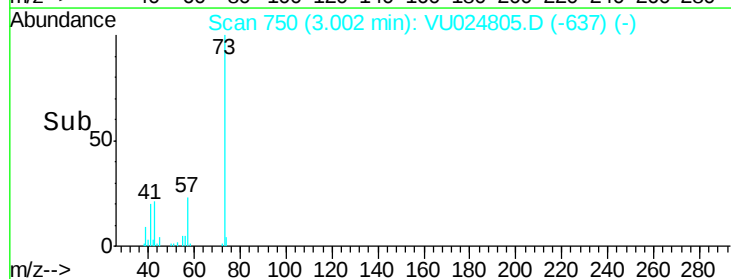
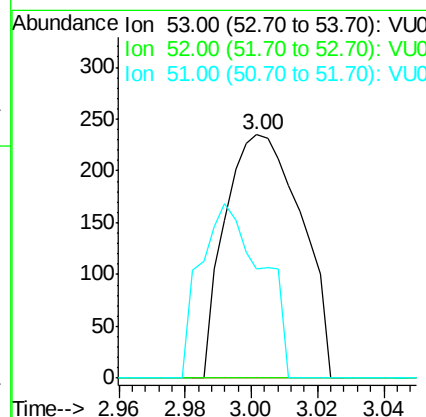
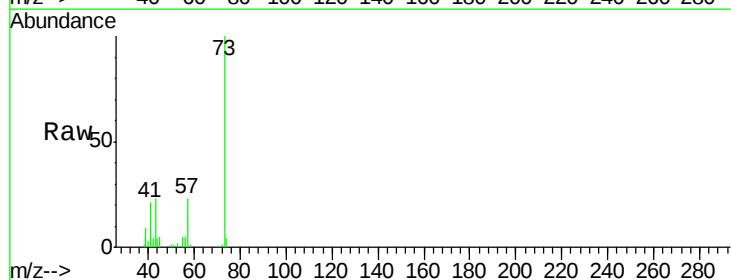
Instrument :
 MSVOA_U
 ClientSampled :
 TPTW-04

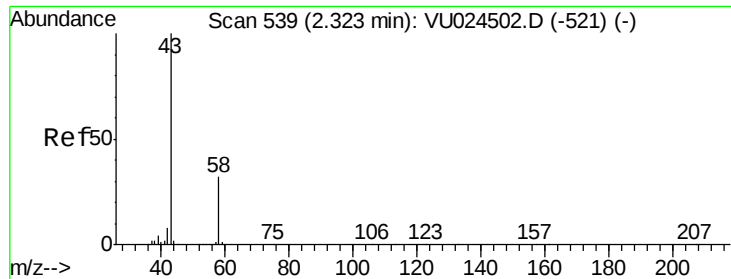
Tot Ion: 41 Resp: 3363
 Ion Ratio Lower Upper
 41 100
 39 10.2 61.6 92.4#
 76 0.0 29.7 44.5#



#15
 Acrylonitrile
 Concen: 0.25 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.06 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

Tgt Ion: 53 Resp: 375
 Ion Ratio Lower Upper
 53 100
 52 0.0 67.1 100.7#
 51 57.9 28.4 42.6#





#16

Acetone

Concen: 79.77 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

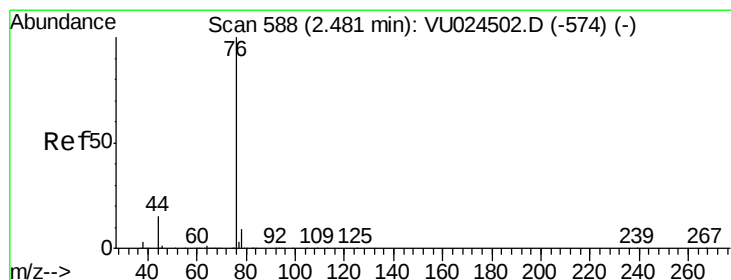
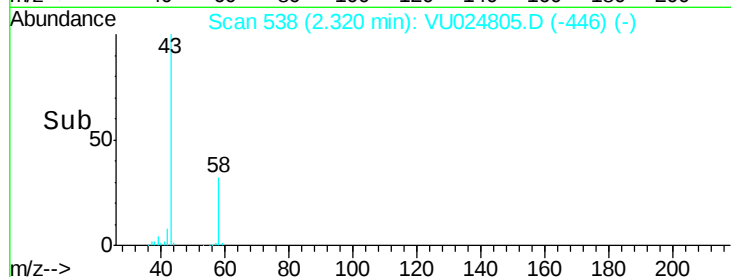
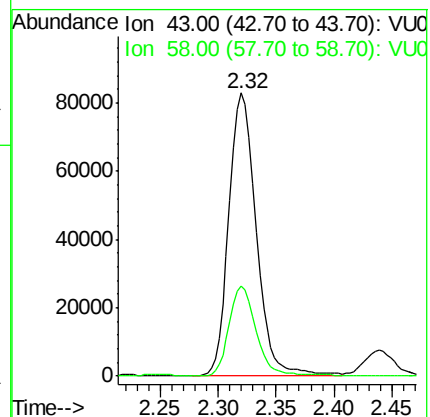
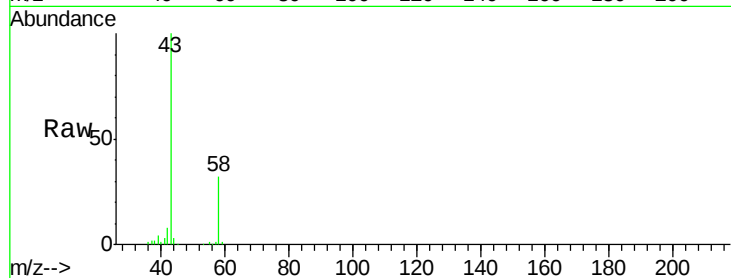
TPTW-04

Tot Ion: 43 Resp: 136671

Ion Ratio Lower Upper

43 100

58 31.7 24.4 36.6



#17

Carbon Disulfide

Concen: 0.57 ug/l

RT: 2.48 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU024805.D

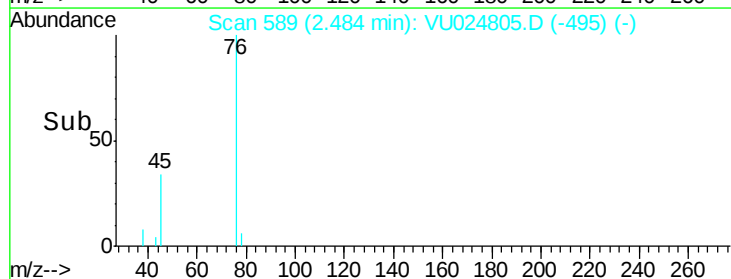
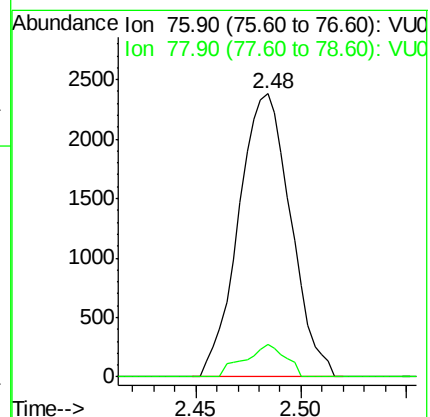
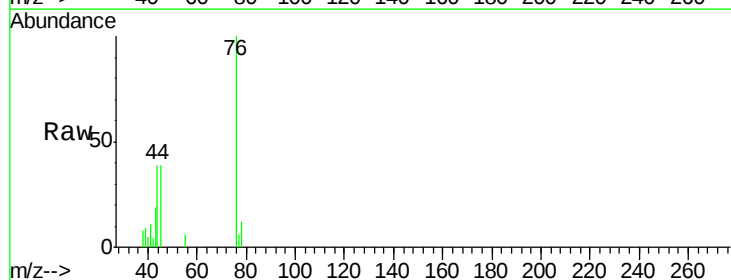
Acq: 21 Jun 2018 12:50

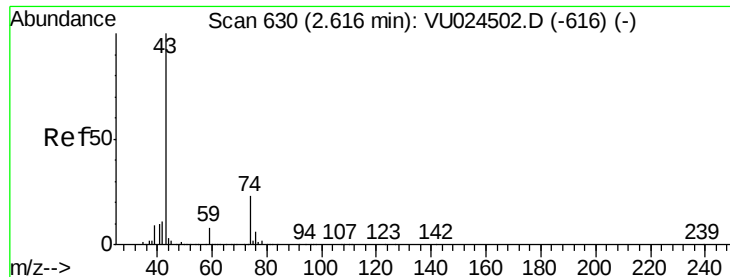
Tgt Ion: 76 Resp: 4090

Ion Ratio Lower Upper

76 100

78 11.5 7.1 10.7#

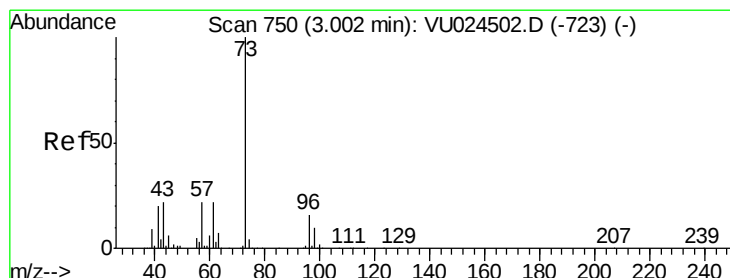
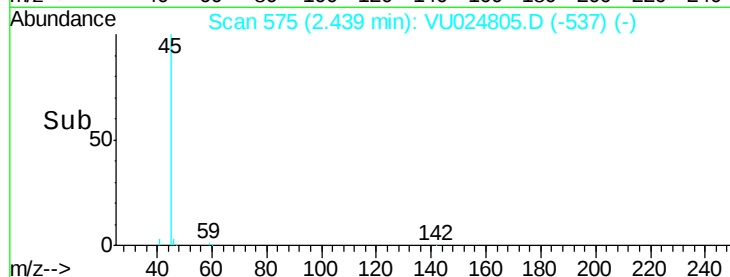
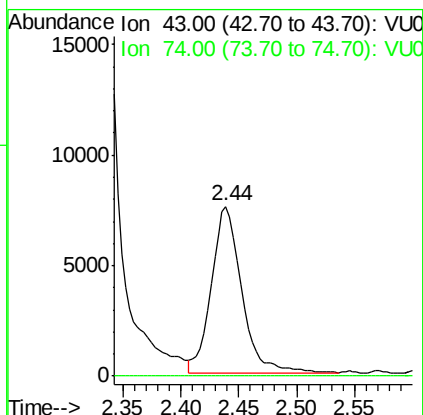
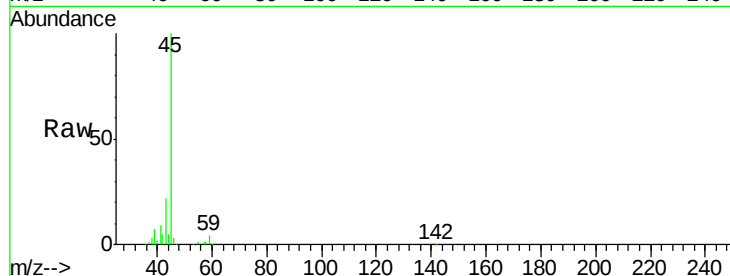




#18
Methyl Acetate
Concen: 3.71 ug/l
RT: 2.44 min Scan# 575
Delta R.T. -0.18 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

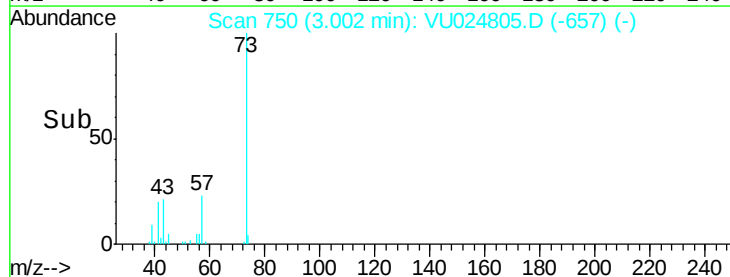
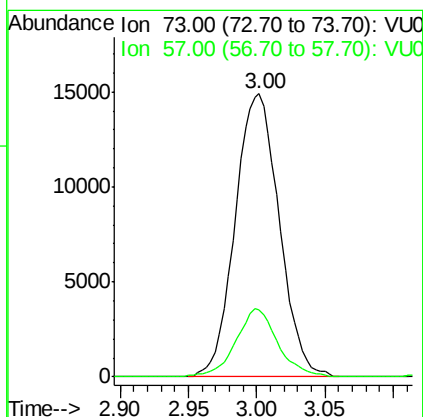
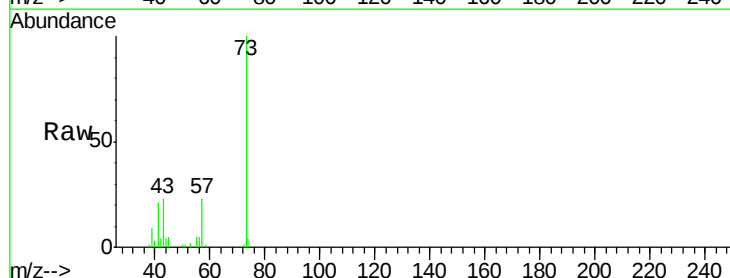
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

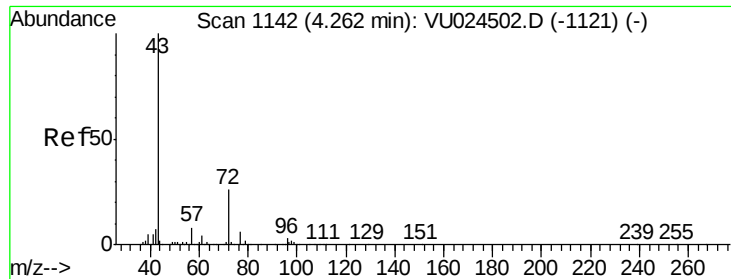
Tot Ion: 43 Resp: 13612
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#19
Methyl tert-butyl Ether
Concen: 3.99 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 73 Resp: 33370
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2

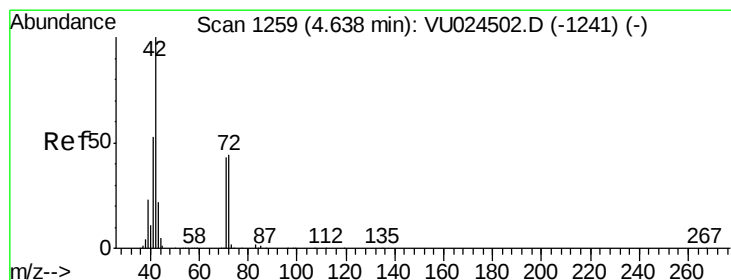
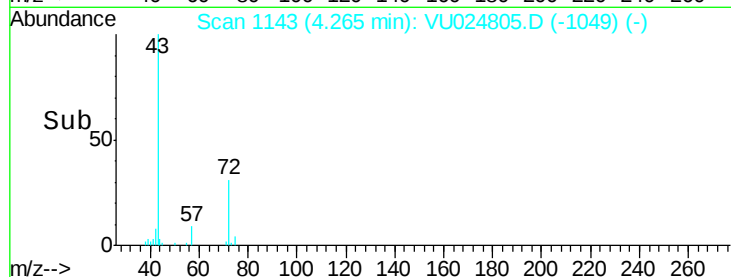
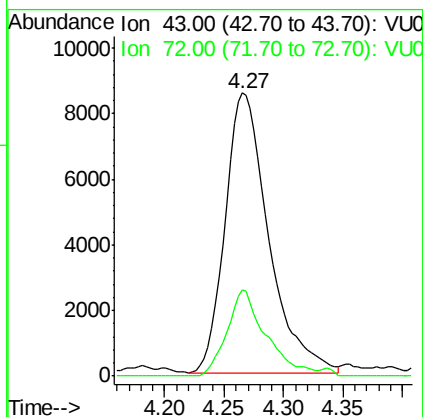
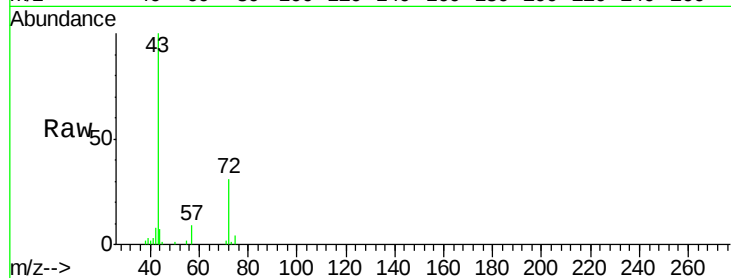




#25
2-Butanone
Concen: 9.36 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

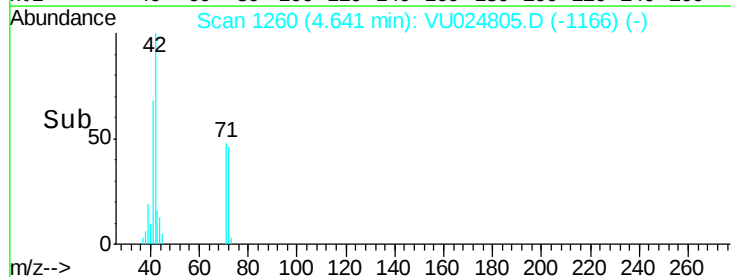
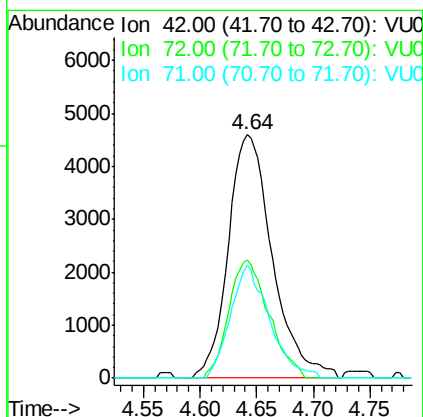
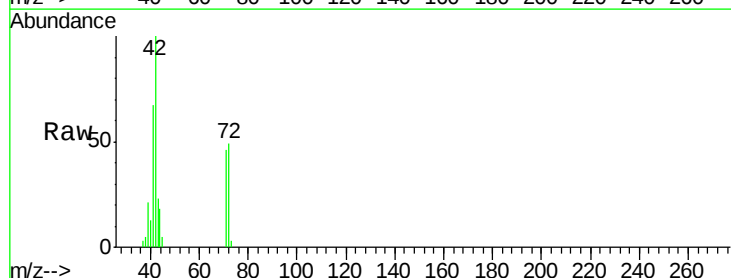
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

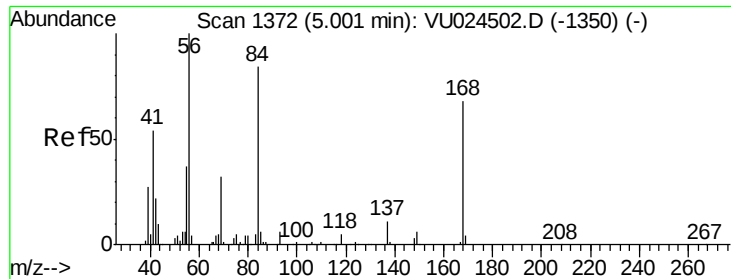
Tot Ion: 43 Resp: 21550
Ion Ratio Lower Upper
43 100
72 31.0 19.6 29.4#



#29
Tetrahydrofuran
Concen: 8.76 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 42 Resp: 12486
Ion Ratio Lower Upper
42 100
72 44.2 34.5 51.7
71 41.1 32.2 48.4

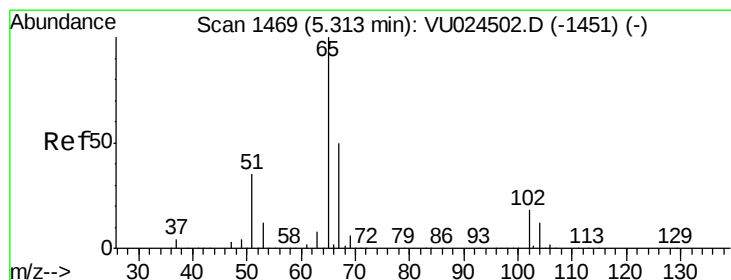
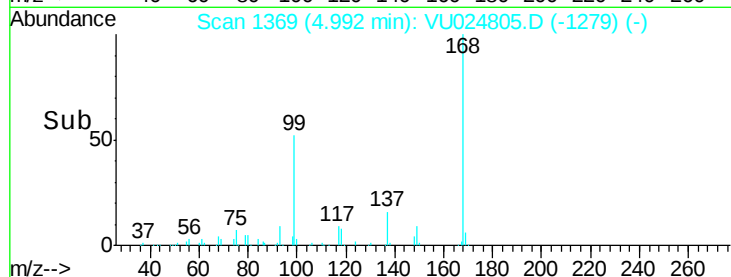
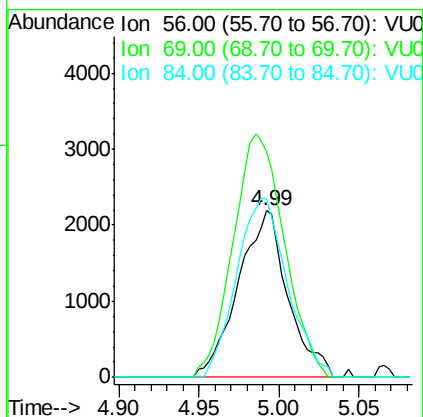
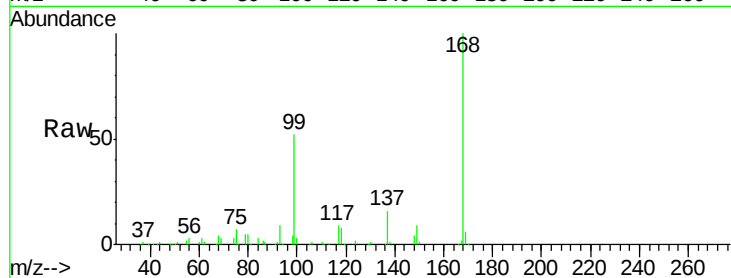




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

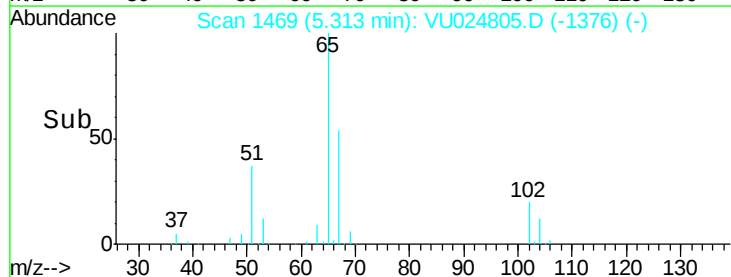
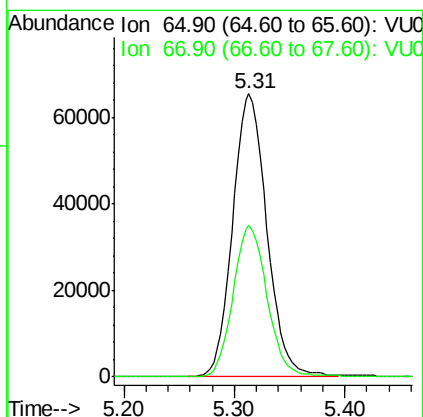
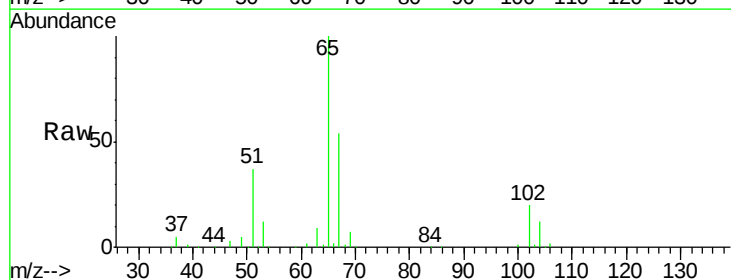
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

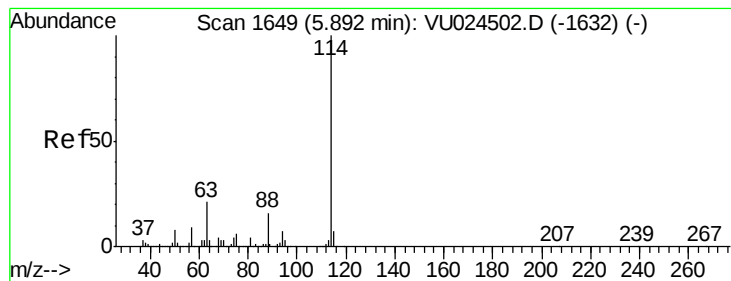
Tot Ion: 56 Resp: 4655
Ion Ratio Lower Upper
56 100
69 135.4 24.8 37.2#
84 107.4 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 44.10 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 65 Resp: 140613
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

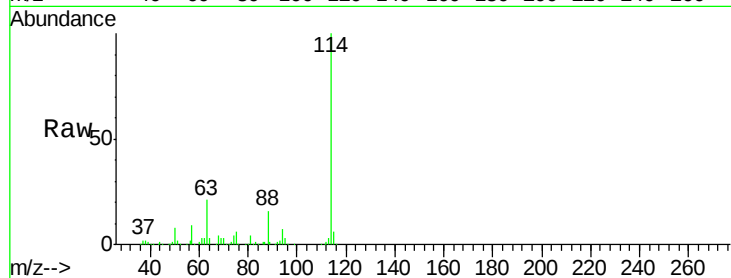
Tot Ion:114 Resp: 300205

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

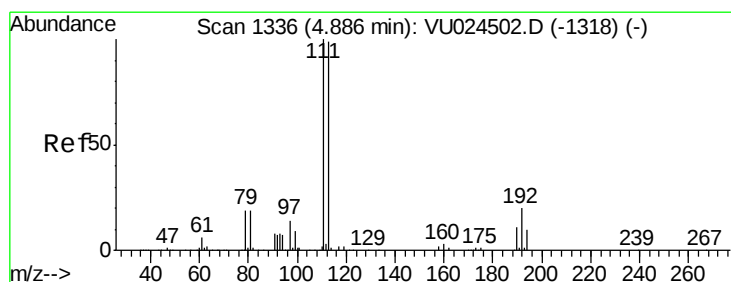
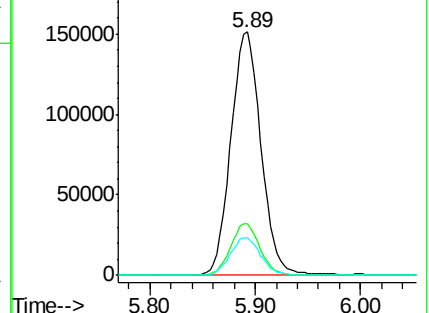
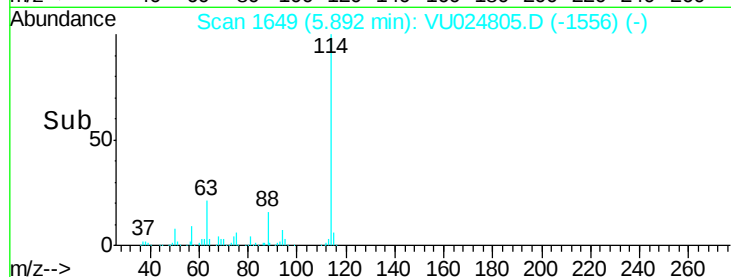
88 15.5 0.0 31.0



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: 47.05 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

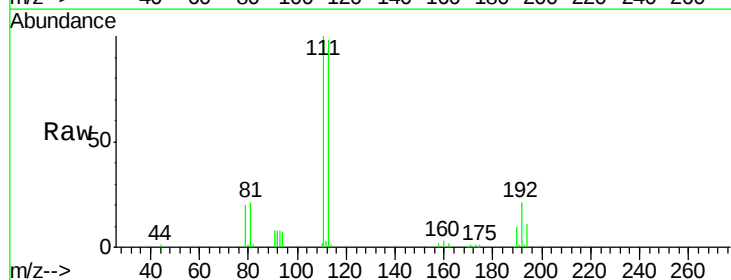
Tgt Ion:113 Resp: 117227

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

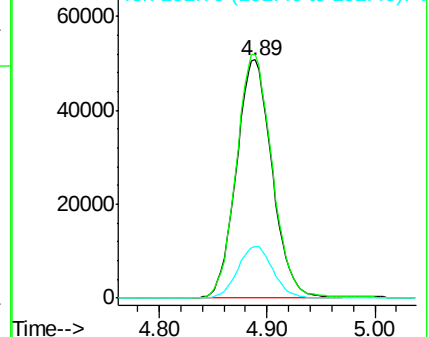
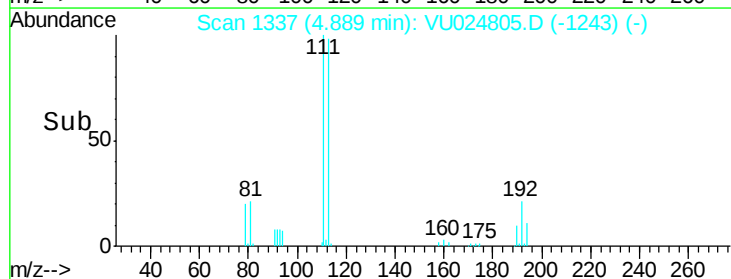
192 21.3 16.2 24.4

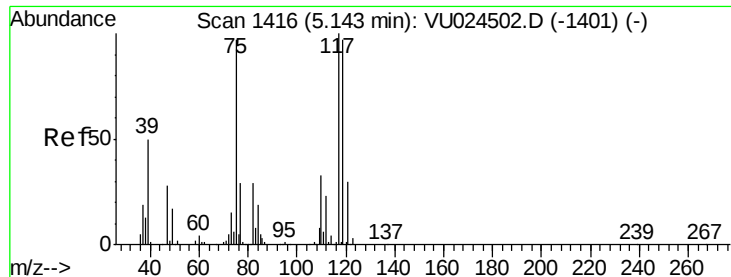


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.91 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

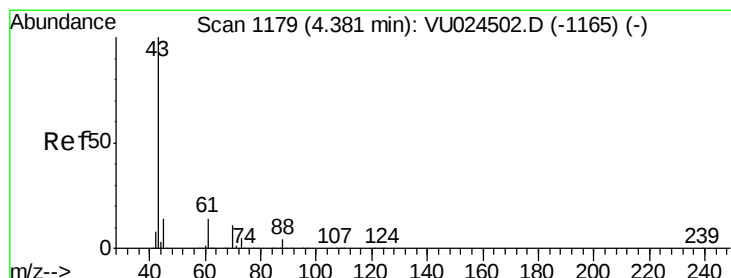
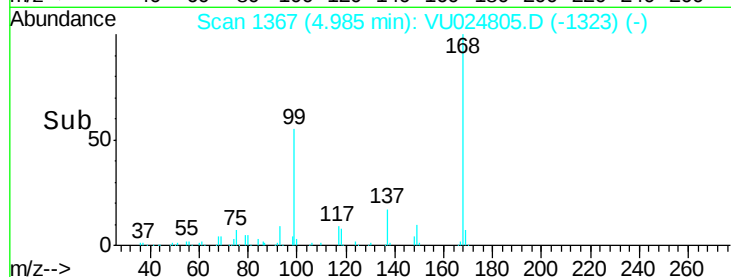
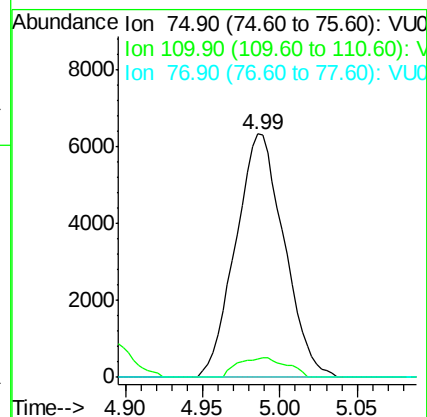
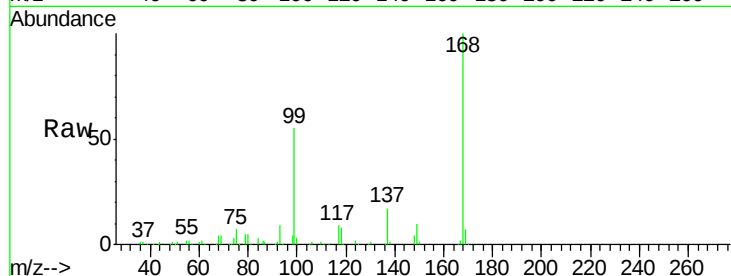
Tot Ion: 75 Resp: 13780

Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 5.60 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. -0.12 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

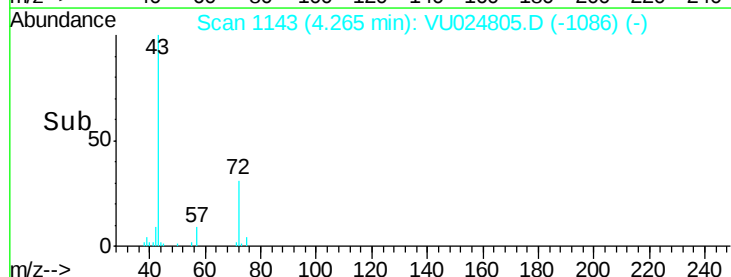
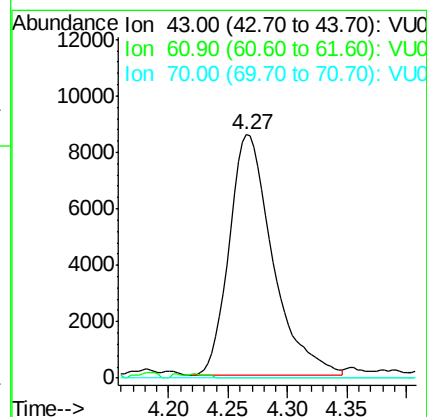
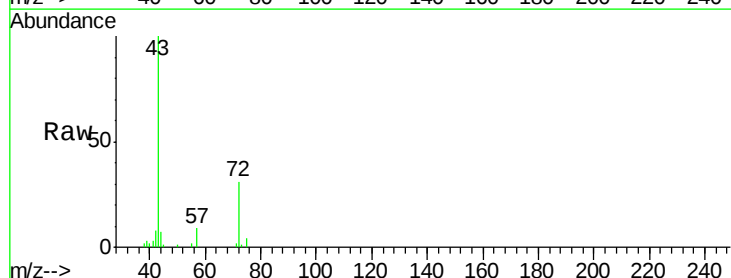
Tgt Ion: 43 Resp: 21550

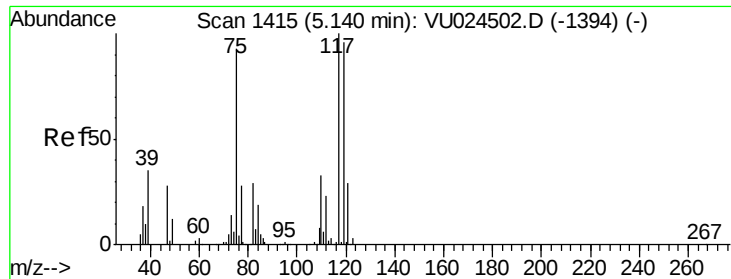
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.2#





#38

Carbon Tetrachloride

Concen: 4.70 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

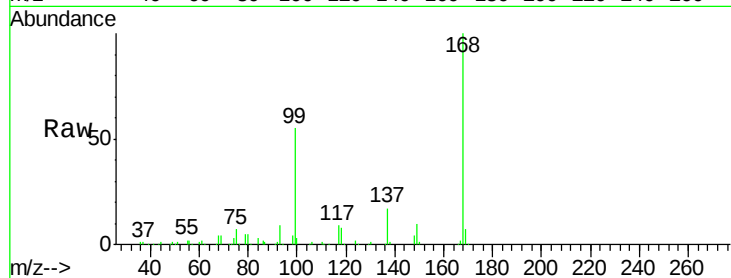
Tot Ion:117 Resp: 18227

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

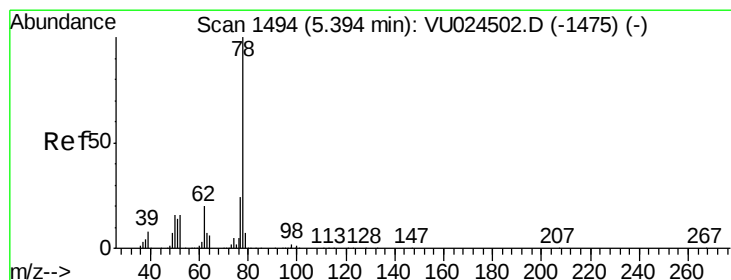
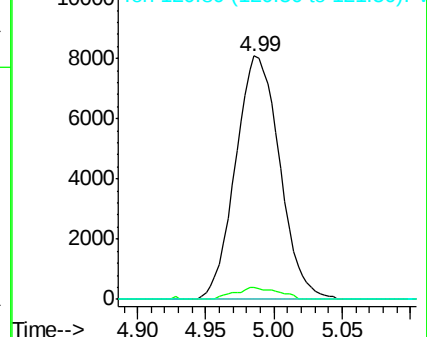
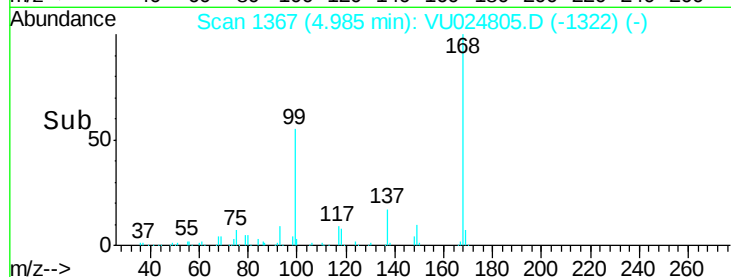
121 0.0 23.7 35.5#



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: 7.61 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU024805.D

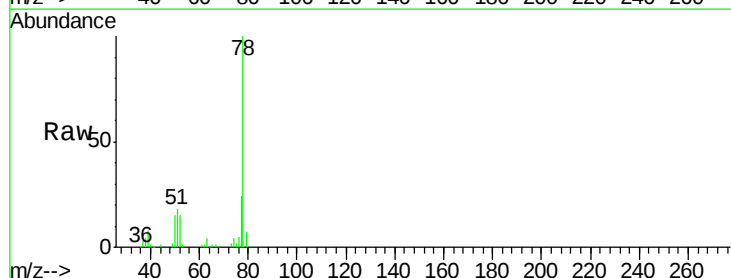
Acq: 21 Jun 2018 12:50

Tgt Ion: 78 Resp: 76511

Ion Ratio Lower Upper

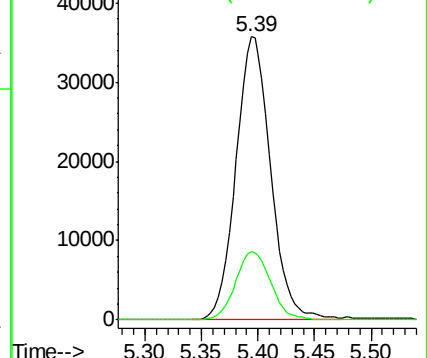
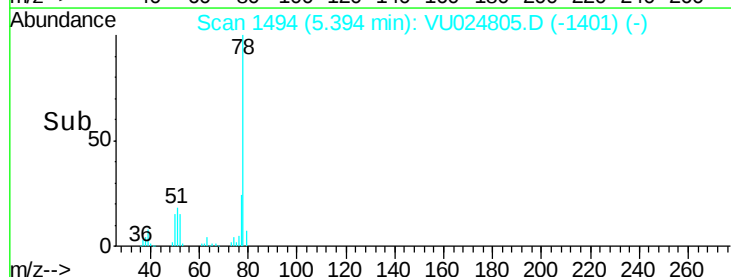
78 100

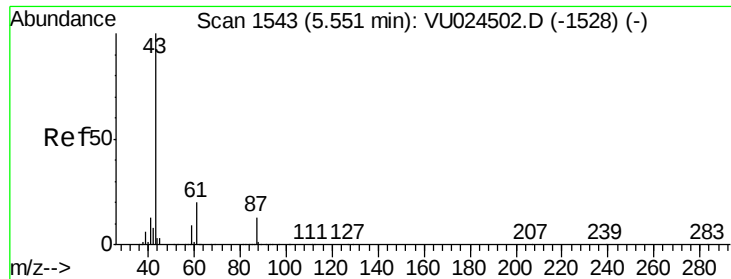
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 0.33 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. 0.04 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampled :

TPTW-04

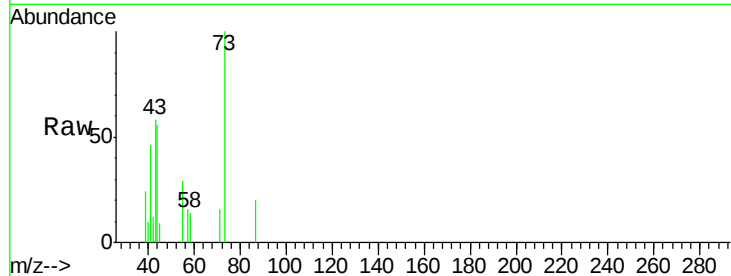
Tot Ion: 43 Resp: 2187

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 29.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VU024805.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU024805.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU024805.D (-1450) (-)

5.59

800

600

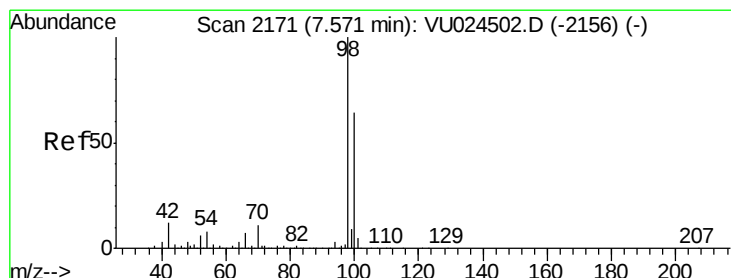
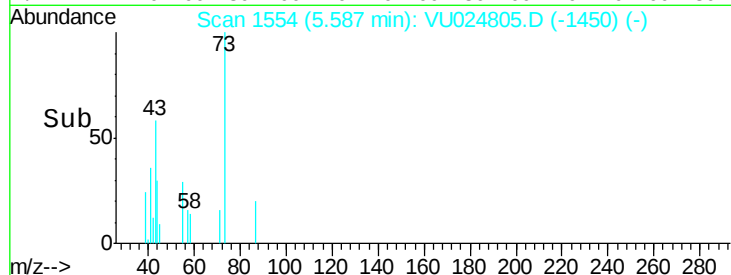
400

200

0

5.55 5.60 5.65

Time-->



#50

Toluene-d8

Concen: 47.78 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024805.D

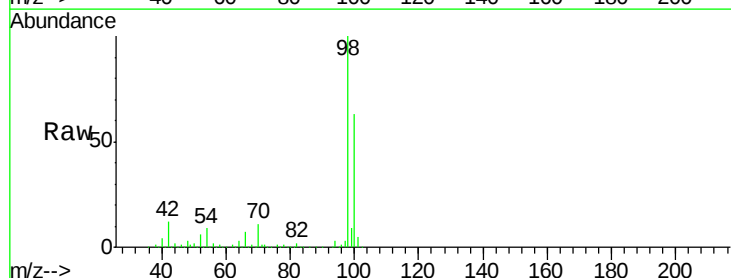
Acq: 21 Jun 2018 12:50

Tgt Ion: 98 Resp: 434230

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024805.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024805.D (-2078) (-)

7.57

250000

200000

150000

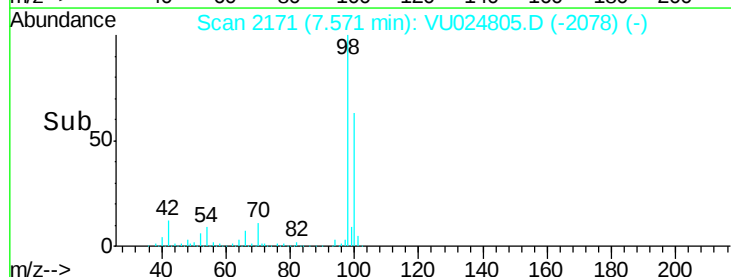
100000

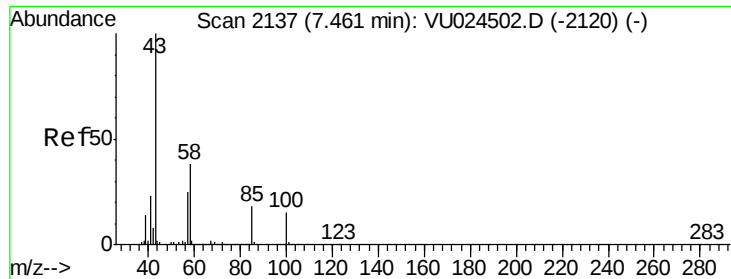
50000

0

7.50 7.60 7.70

Time-->





#51

4-Methyl-2-Pentanone

Concen: 3.37 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

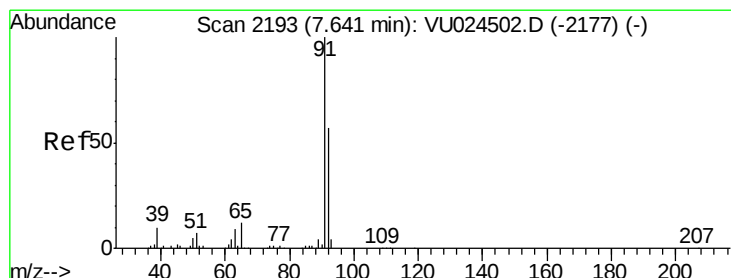
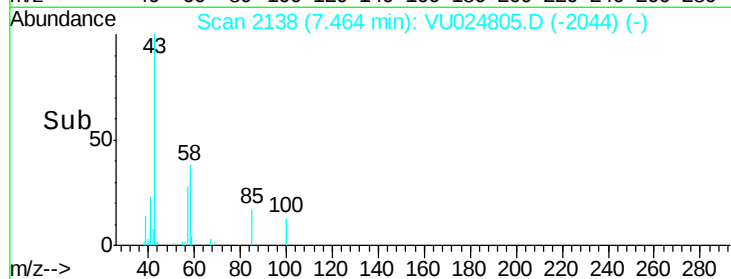
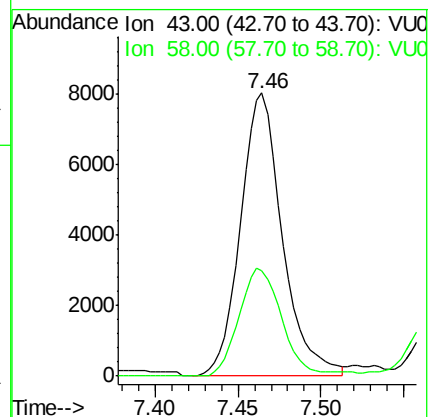
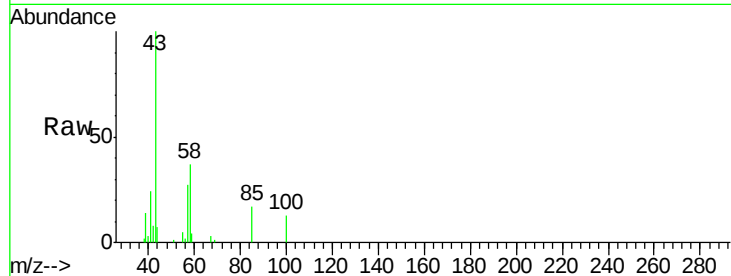
TPTW-04

Tot Ion: 43 Resp: 14059

Ion Ratio Lower Upper

43 100

58 38.5 30.0 45.0



#52

Toluene

Concen: 0.91 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024805.D

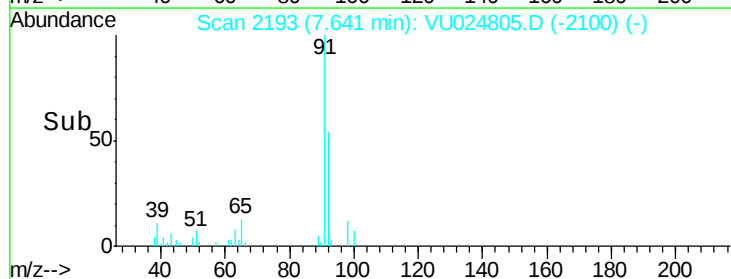
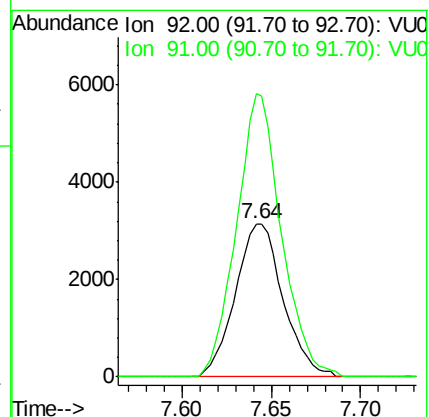
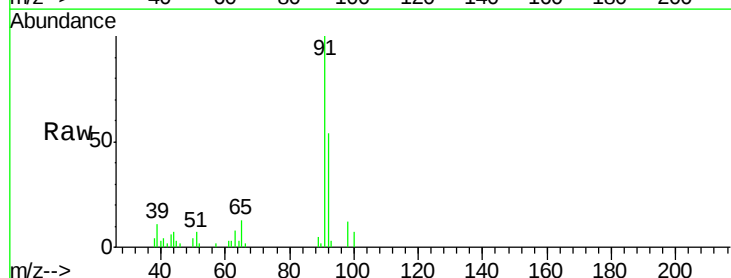
Acq: 21 Jun 2018 12:50

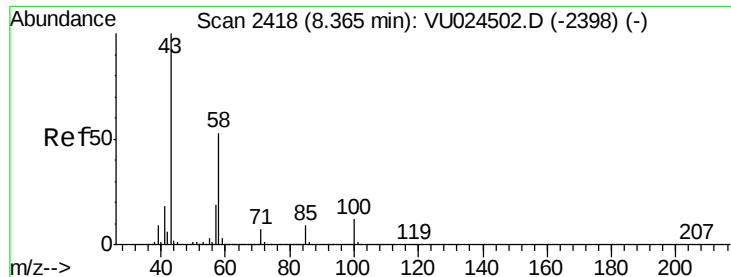
Tgt Ion: 92 Resp: 5870

Ion Ratio Lower Upper

92 100

91 173.5 140.5 210.7

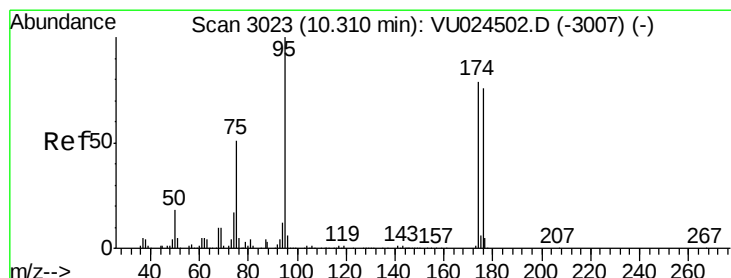
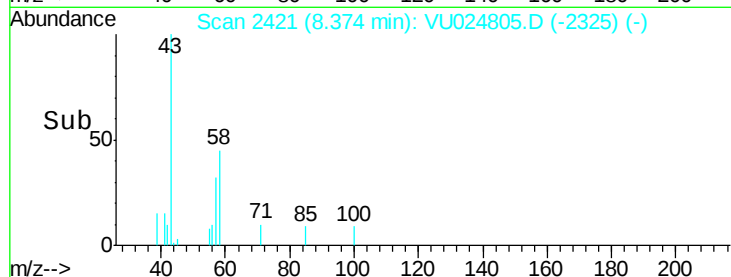
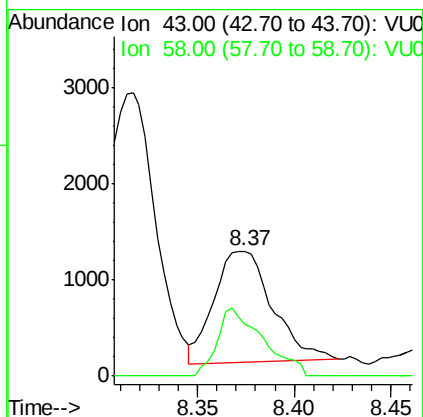
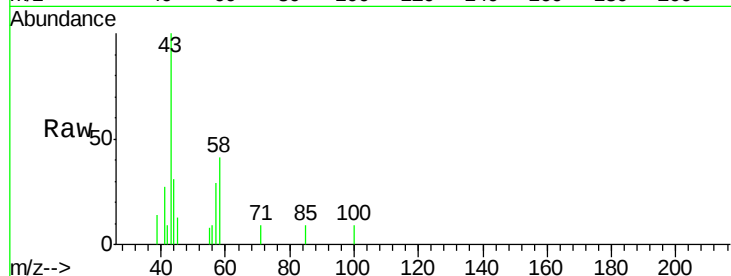




#59
2-Hexanone
Concen: 0.71 ug/l
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

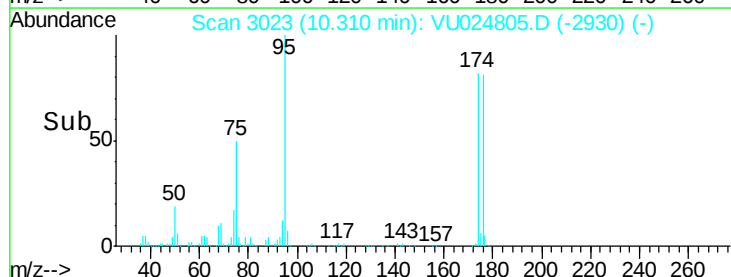
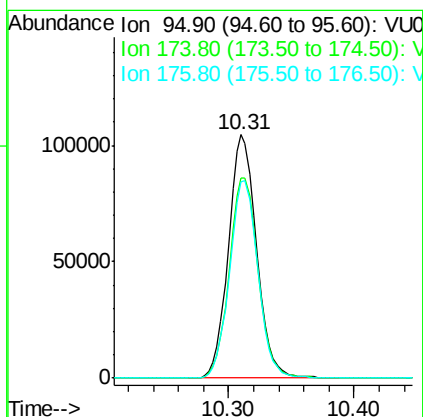
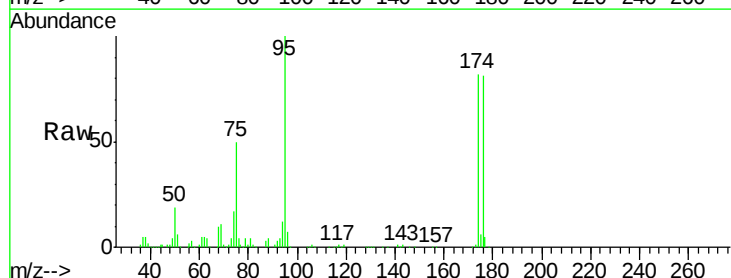
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

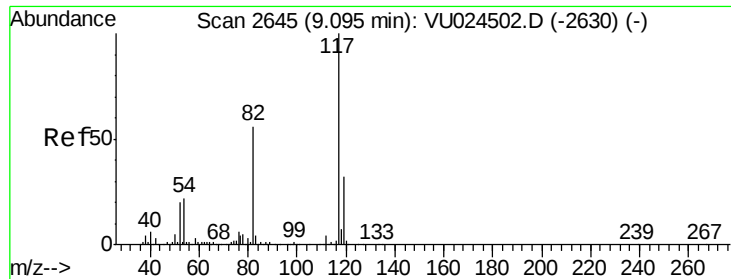
Tot Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 48.1 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 95 Resp: 162755
Ion Ratio Lower Upper
95 100
174 84.3 0.0 165.8
176 81.8 0.0 159.4

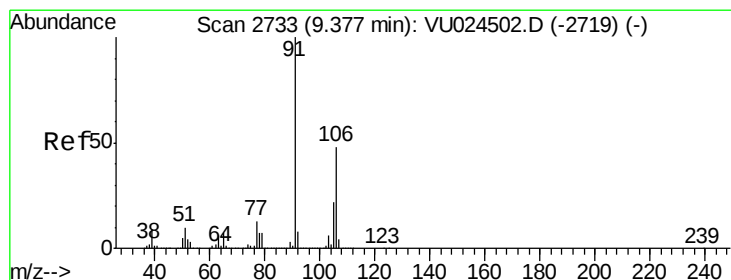
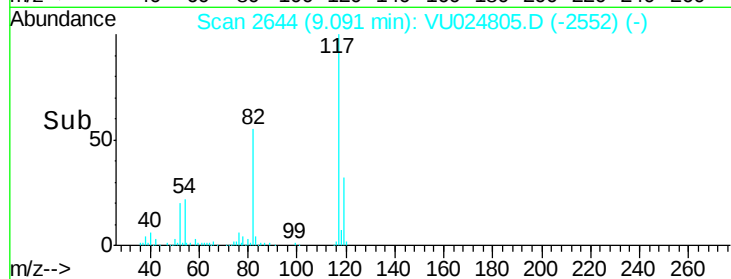
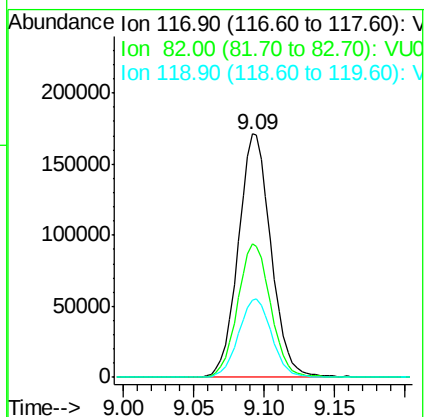
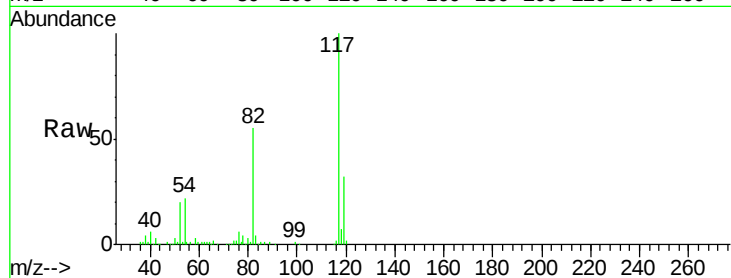




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

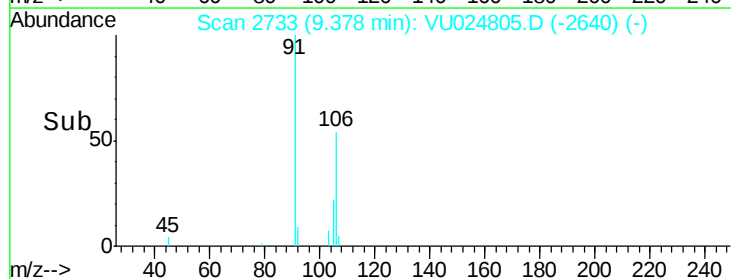
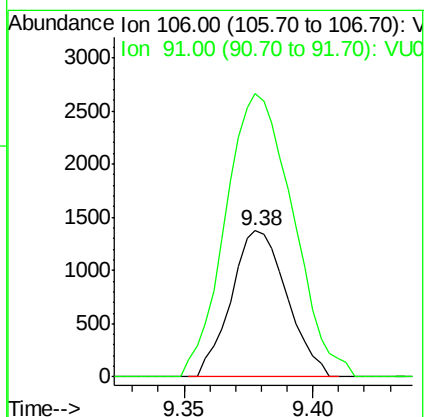
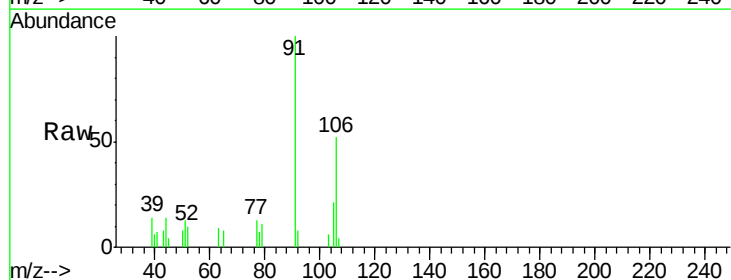
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04

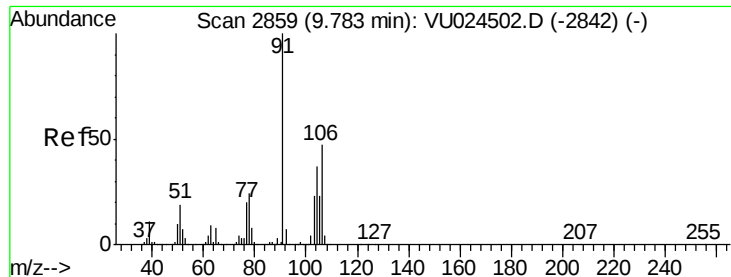
Tot Ion:117 Resp: 278480
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 0.43 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion:106 Resp: 2078
Ion Ratio Lower Upper
106 100
91 233.4 166.5 249.7

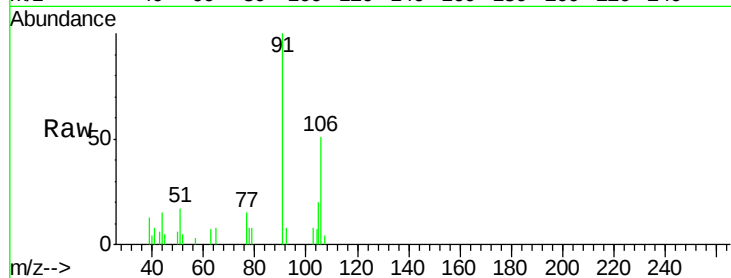




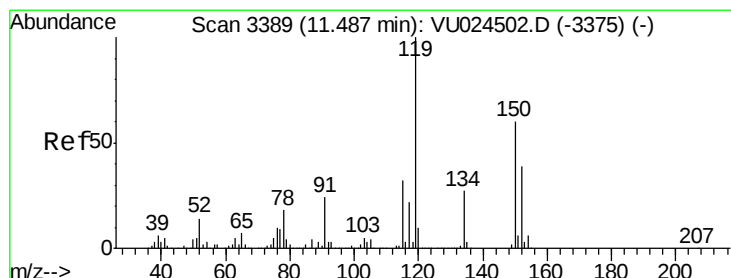
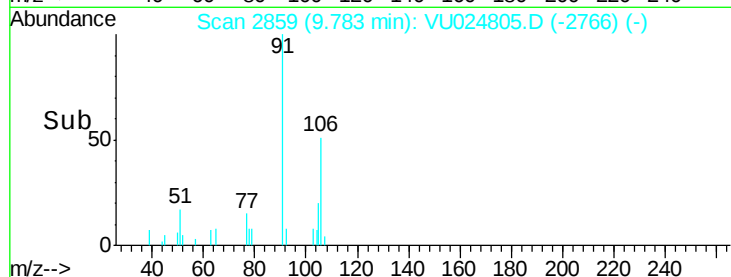
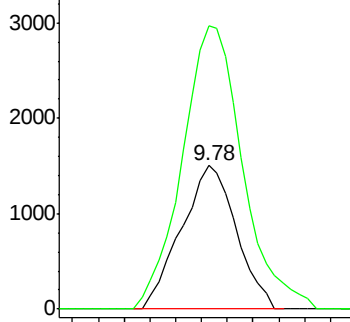
#69
o-Xylene
Concen: 0.47 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_U
ClientSampled :
TPTW-04

Tot Ion:106 Resp: 2237
Ion Ratio Lower Upper
106 100
91 216.0 110.7 331.9

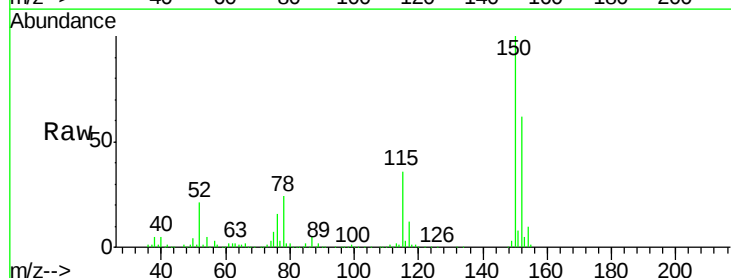


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

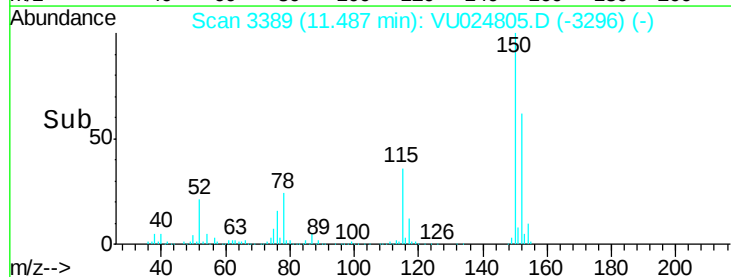
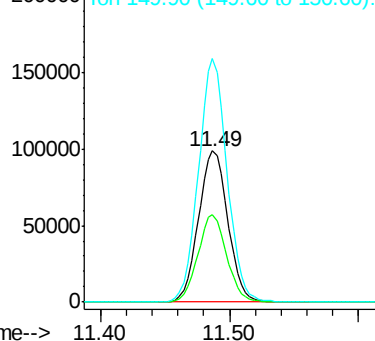


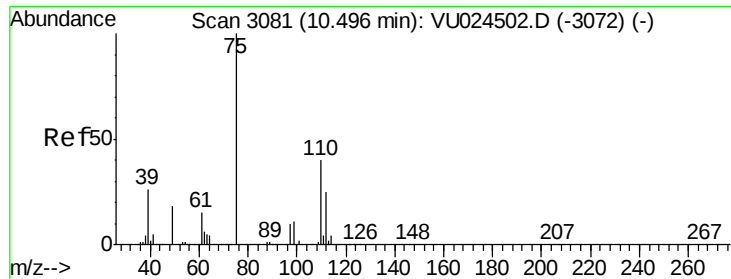
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024805.D
Acq: 21 Jun 2018 12:50

Tgt Ion:152 Resp: 155577
Ion Ratio Lower Upper
152 100
115 56.7 43.0 129.0
150 156.7 0.0 354.0



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

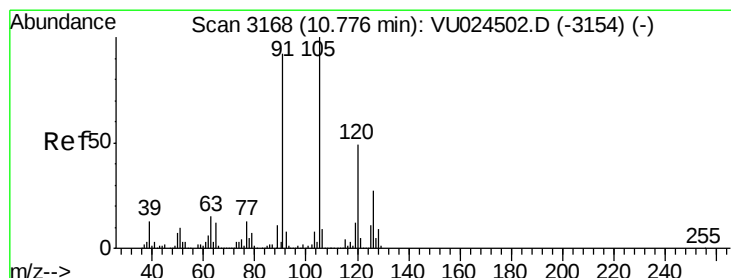
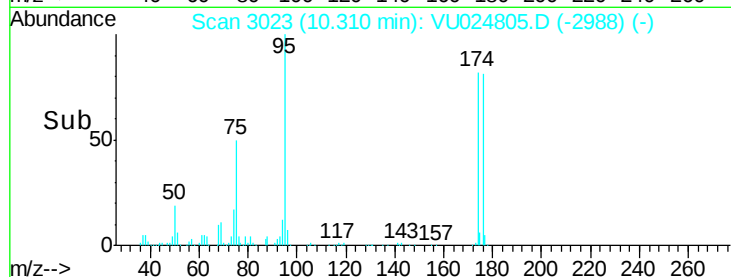
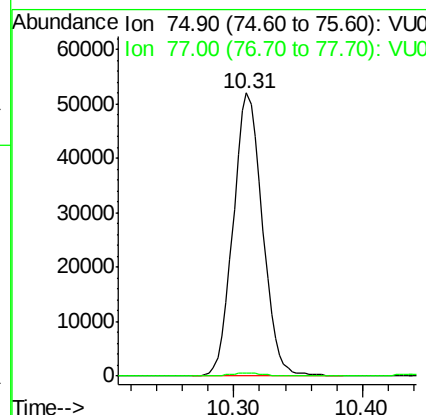
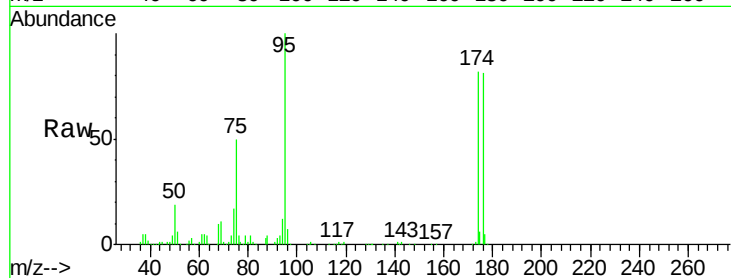




#76
 1,2,3-Trichloropropane
 Concen: 23.93 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

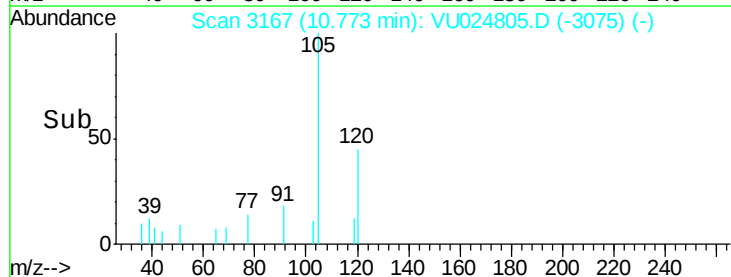
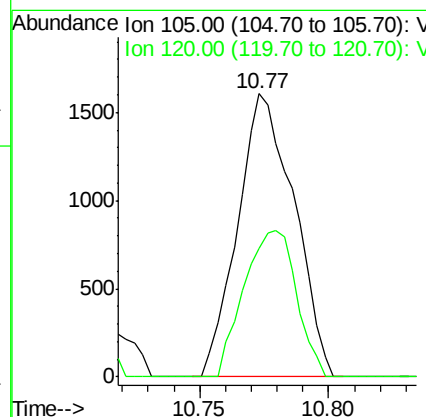
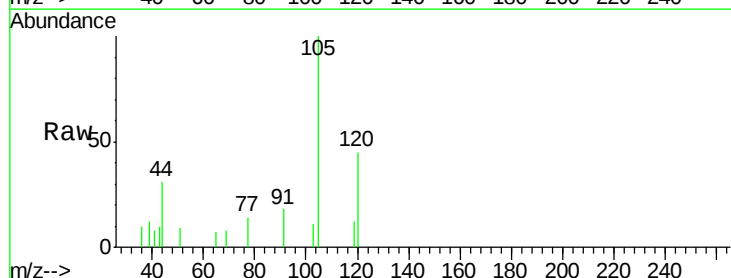
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04

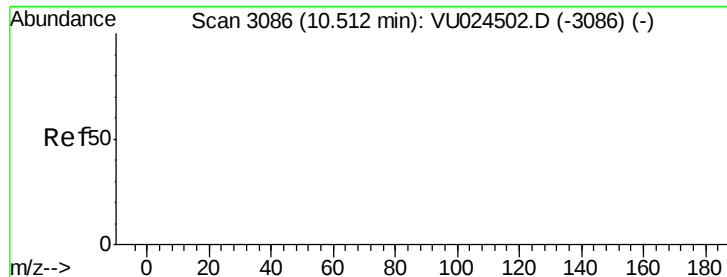
Tot Ion: 75 Resp: 81972
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 10.77 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: VU024805.D
 Acq: 21 Jun 2018 12:50

Tgt Ion: 105 Resp: 2443
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.39 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampled :

TPTW-04

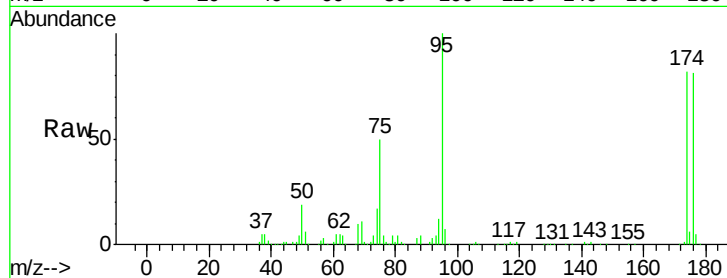
Tot Ion: 75 Resp: 81972

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

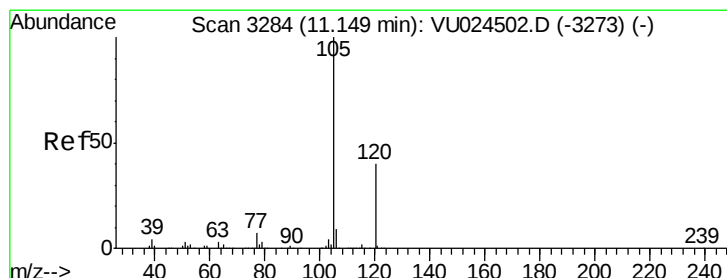
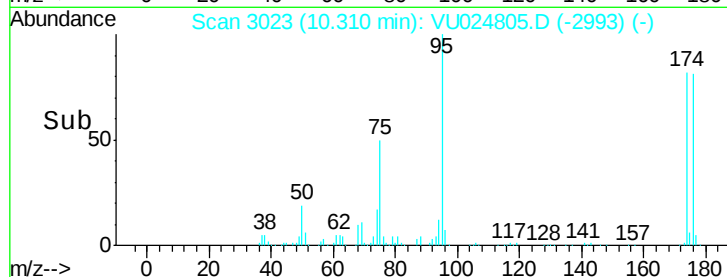
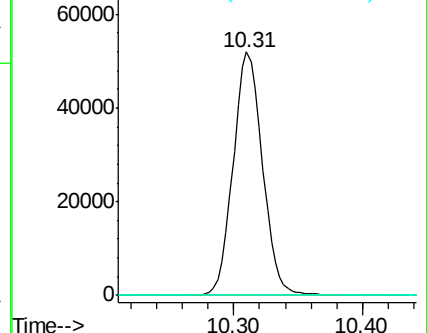
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024805.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU024805.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU024805.D (-2993) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.38 ug/l

RT: 11.16 min Scan# 3286

Delta R.T. 0.01 min

Lab File: VU024805.D

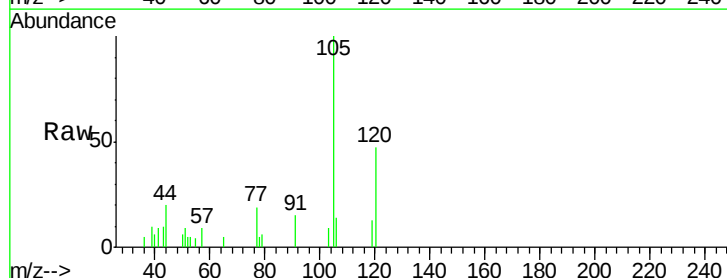
Acq: 21 Jun 2018 12:50

Tgt Ion: 105 Resp: 3957

Ion Ratio Lower Upper

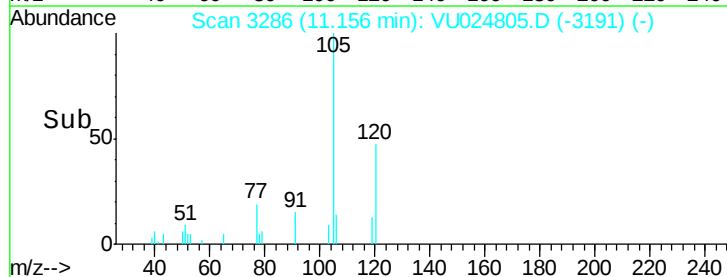
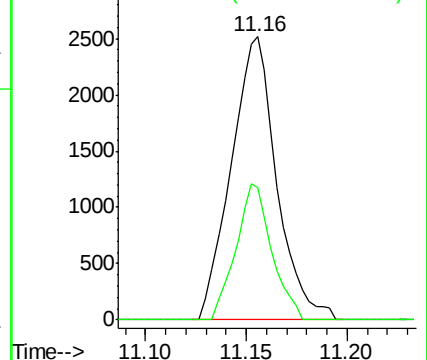
105 100

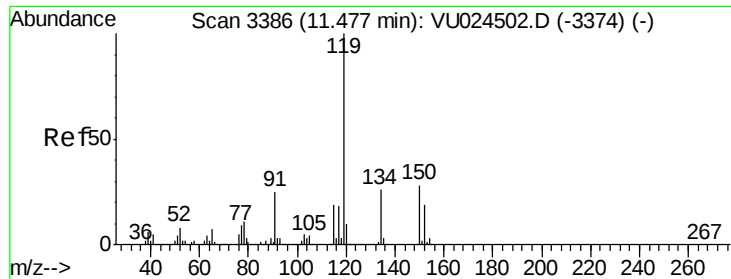
120 37.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VU024805.D (-3191) (-)

Ion 120.00 (119.70 to 120.70): VU024805.D (-3191) (-)





#86

p-Isopropyltoluene

Concen: 0.25 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

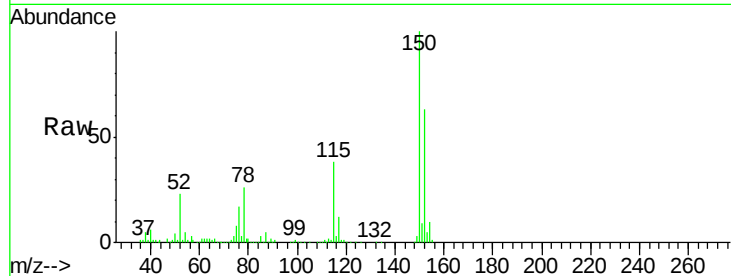
Tot Ion:119 Resp: 2827

Ion Ratio Lower Upper

119 100

134 31.8 12.9 38.6

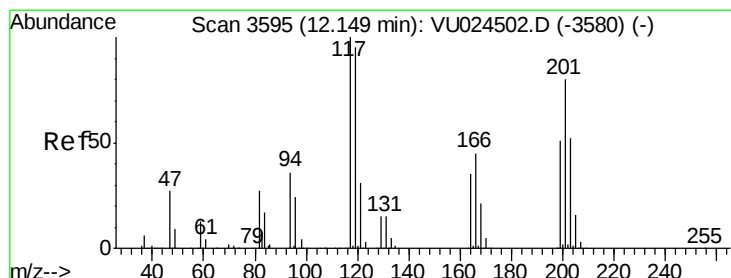
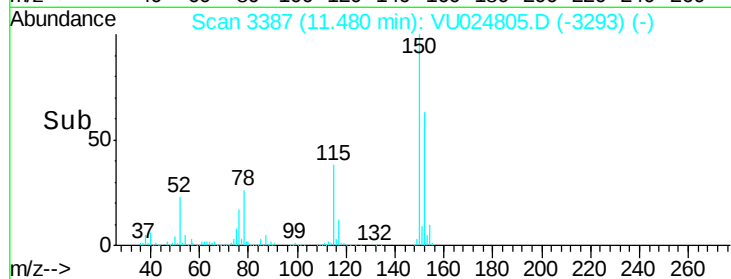
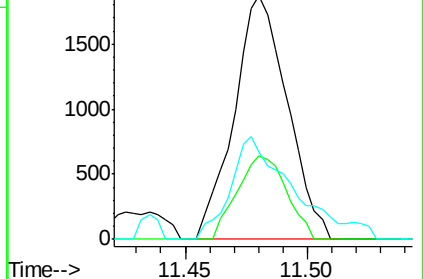
91 50.3 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#90

Hexachloroethane

Concen: 0.21 ug/l

RT: 12.30 min Scan# 3641

Delta R.T. 0.15 min

Lab File: VU024805.D

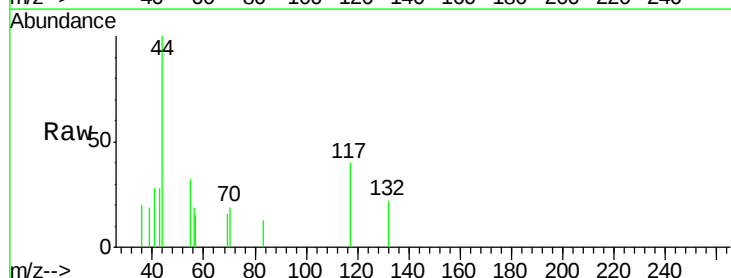
Acq: 21 Jun 2018 12:50

Tgt Ion:117 Resp: 462

Ion Ratio Lower Upper

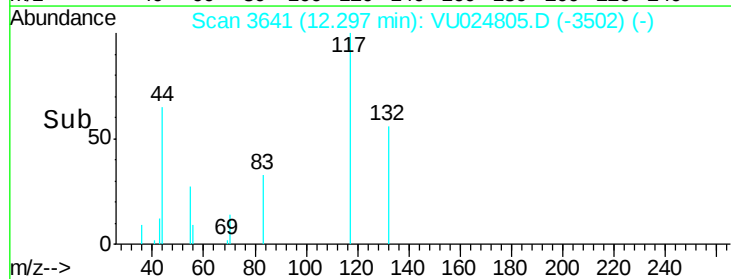
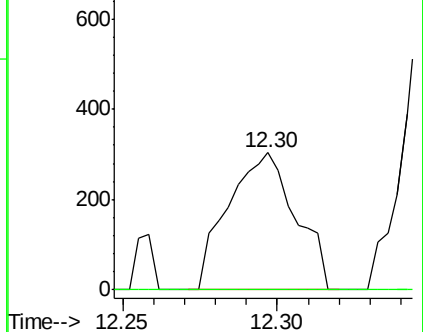
117 100

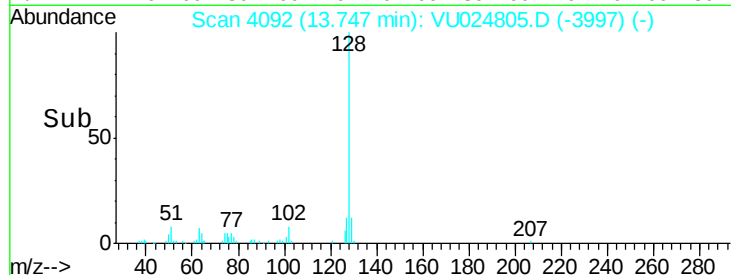
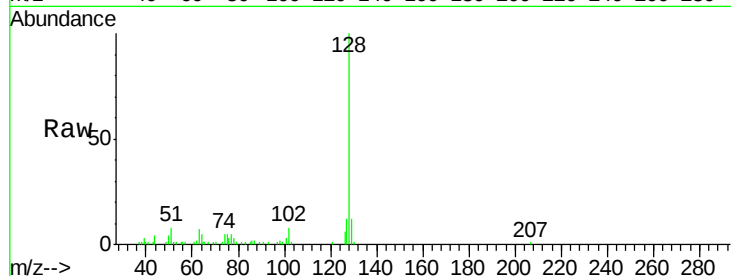
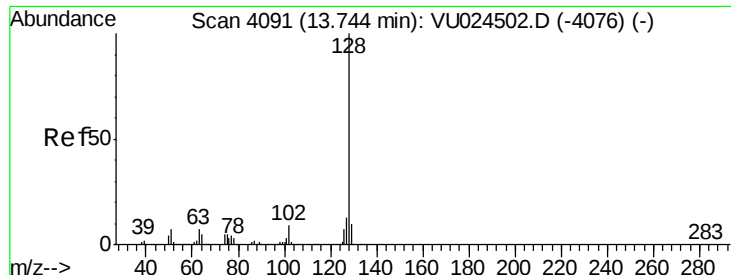
201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 3.39 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024805.D

Acq: 21 Jun 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04

Tot Ion:128 Resp: 31452

Ion Ratio Lower Upper

128 100

127 12.1 10.6 16.0

129 10.9 8.6 12.8

