

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025099.D
 Acq On : 30 Jun 2018 19:37
 Operator : MD/SY
 Sample : J3759-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021RW350-180625

Quant Time: Jul 02 09:51:07 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	208968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309053	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160677	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	160152	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
35) Dibromofluoromethane	4.89	113	122847	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	7.57	98	451778	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	10.31	95	171088	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	

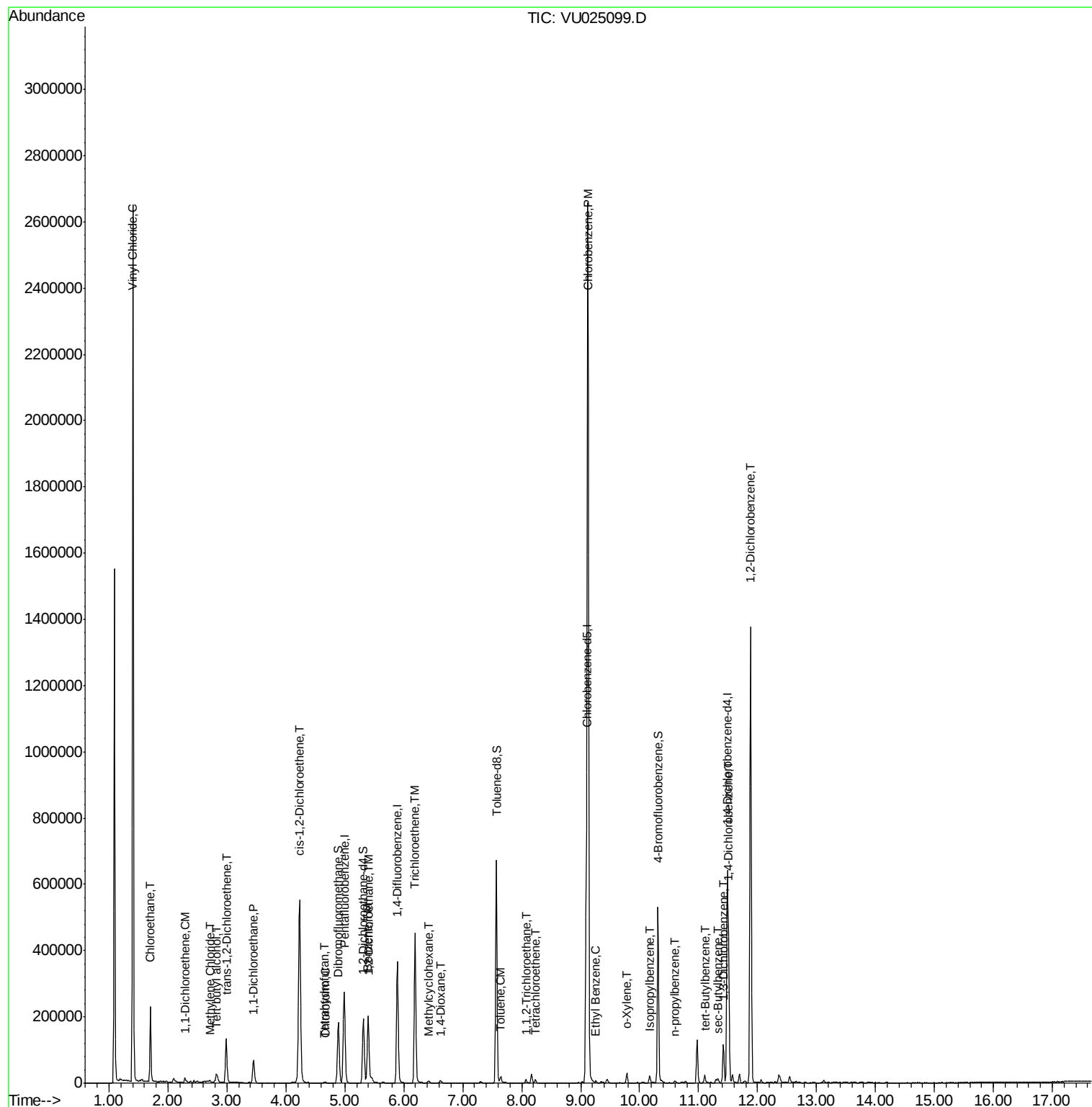
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1638736	594.64	ug/l	98
6) Chloroethane	1.70	64	143268	93.96	ug/l	100
11) Tert butyl alcohol	2.82	59	29604	35.68	ug/l	98
12) 1,1-Dichloroethene	2.29	96	4816	2.02	ug/l	92
20) Methylene Chloride	2.71	84	2268	0.79	ug/l #	83
21) trans-1,2-Dichloroethene	2.99	96	51275	19.57	ug/l	97
24) 1,1-Dichloroethane	3.45	63	75419	14.97	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	309181	102.62	ug/l	88
29) Tetrahydrofuran	4.66	42	1135	0.74	ug/l	93
30) Chloroform	4.68	83	1028	0.20	ug/l	89
39) Methylcyclohexane	6.42	83	2628	0.58	ug/l	93
40) Benzene	5.39	78	190239	18.38	ug/l	100
42) 1,2-Dichloroethane	5.41	62	17967	4.56	ug/l	94
44) Trichloroethene	6.19	130	159739	54.24	ug/l	98
49) 1,4-Dioxane	6.62	88	5480	84.11	ug/l	93
52) Toluene	7.64	92	8242	1.24	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	3089	1.14	ug/l #	93
64) Tetrachloroethene	8.23	164	2137	0.77	ug/l	95
65) Chlorobenzene	9.12	112	1384872	185.35	ug/l	99
67) Ethyl Benzene	9.26	91	4726	0.36	ug/l	97
69) o-Xylene	9.79	106	7898	1.59	ug/l	98
73) Isopropylbenzene	10.17	105	14129	1.15	ug/l	99
78) n-propylbenzene	10.59	91	5252	0.36	ug/l	98
83) tert-Butylbenzene	11.10	119	10717	1.04	ug/l	89
85) sec-Butylbenzene	11.33	105	8285	0.64	ug/l	94
87) 1,3-Dichlorobenzene	11.42	146	47747	8.28	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	151112	26.02	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	549422	95.07	ug/l	100

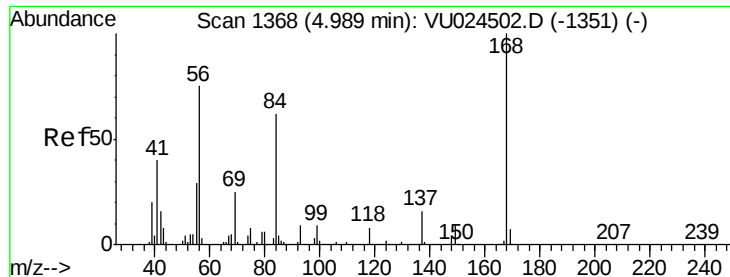
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

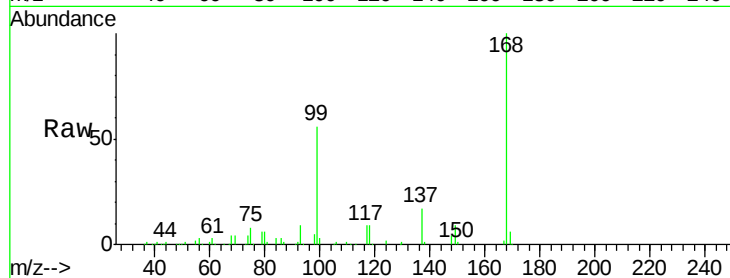
WP021RW350-180625

Tot Ion:168 Resp: 208968

Ion Ratio Lower Upper

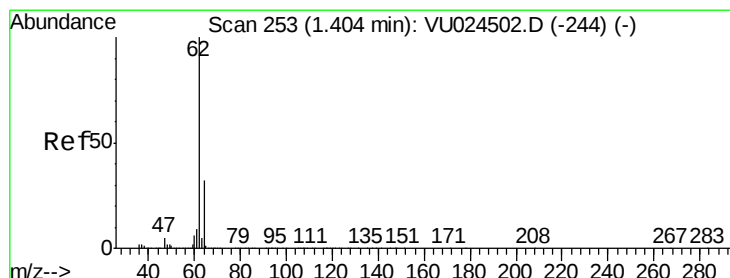
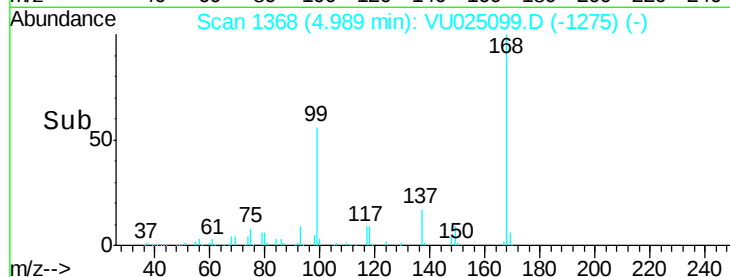
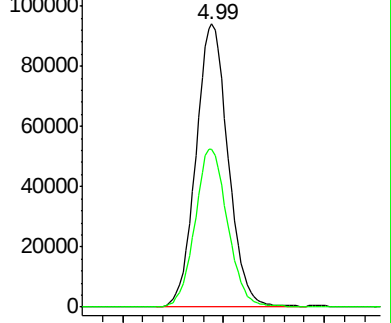
168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 594.64 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025099.D

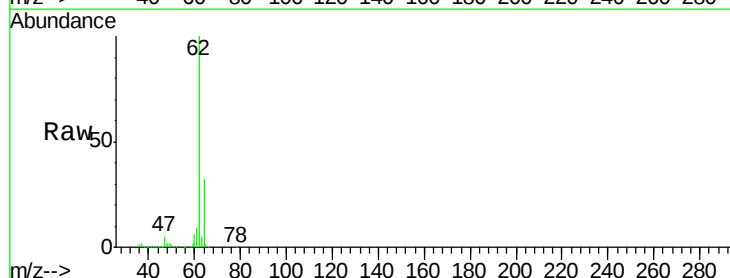
Acq: 30 Jun 2018 19:37

Tgt Ion: 62 Resp: 1638736

Ion Ratio Lower Upper

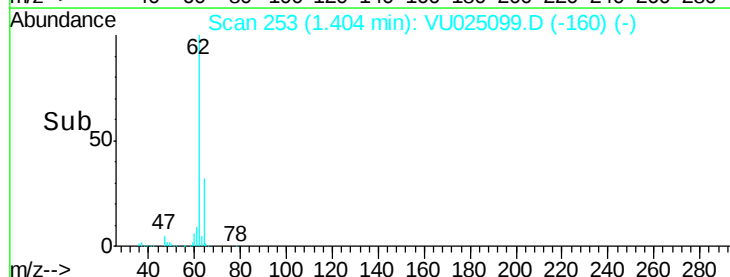
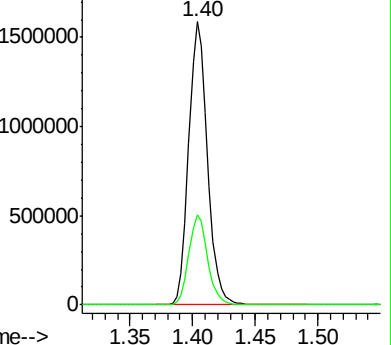
62 100

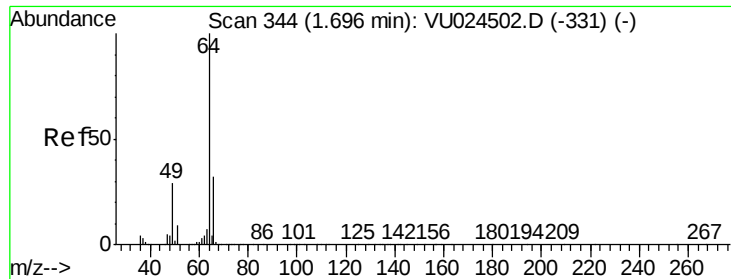
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#6

Chloroethane

Concen: 93.96 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

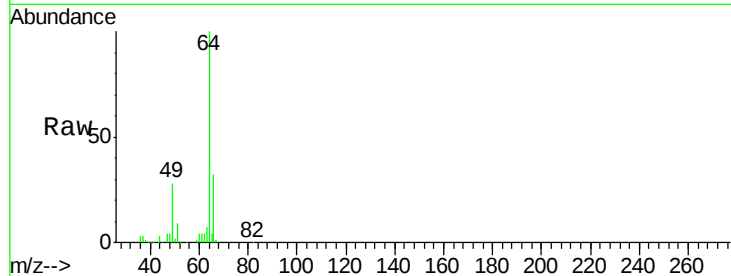
WP021RW350-180625

Tot Ion: 64 Resp: 143268

Ion Ratio Lower Upper

64 100

66 31.7 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

120000

100000

80000

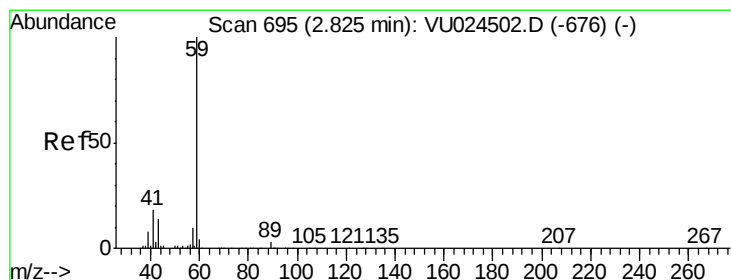
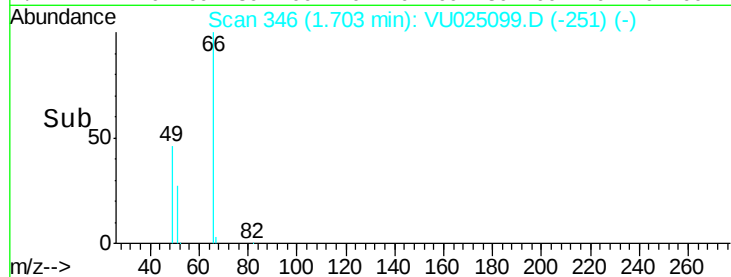
60000

40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80



#11

Tert butyl alcohol

Concen: 35.68 ug/l

RT: 2.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VU025099.D

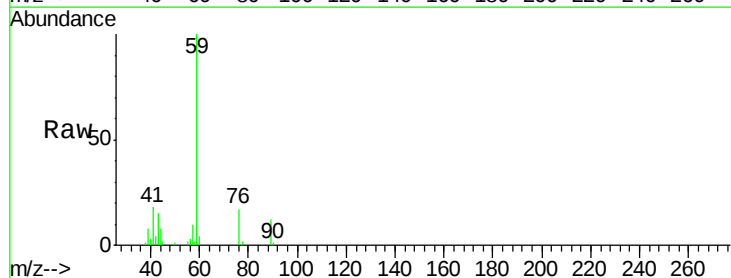
Acq: 30 Jun 2018 19:37

Tgt Ion: 59 Resp: 29604

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

2.82

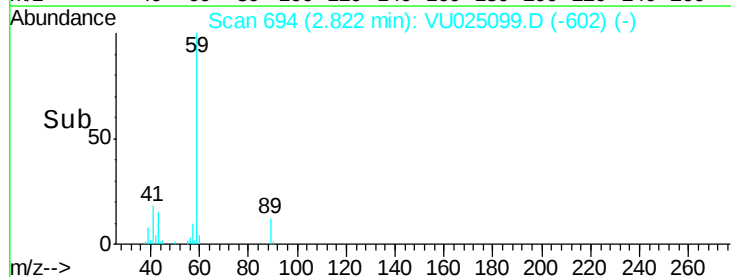
15000

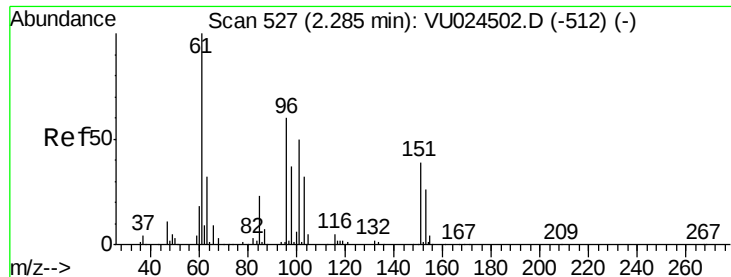
10000

5000

0

Time--> 2.75 2.80 2.85 2.90





#12

1,1-Dichloroethene

Concen: 2.02 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

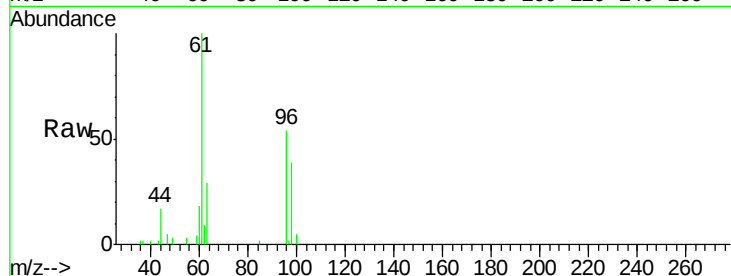
Tot Ion: 96 Resp: 4816

Ion Ratio Lower Upper

96 100

61 186.9 141.7 212.5

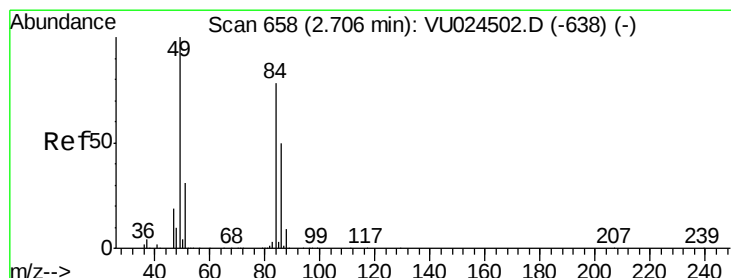
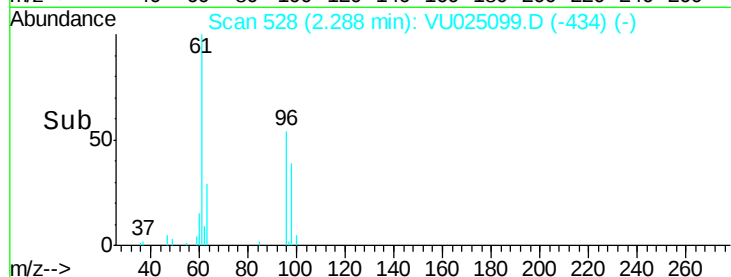
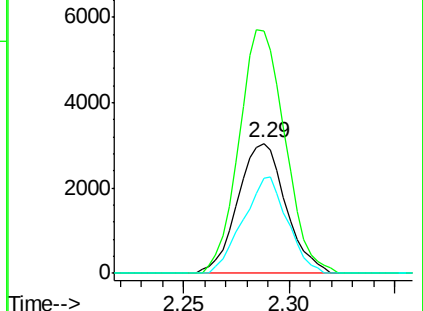
98 73.7 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-512) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-512) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-512) (-)



#20

Methylene Chloride

Concen: 0.79 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Tgt Ion: 84 Resp: 2268

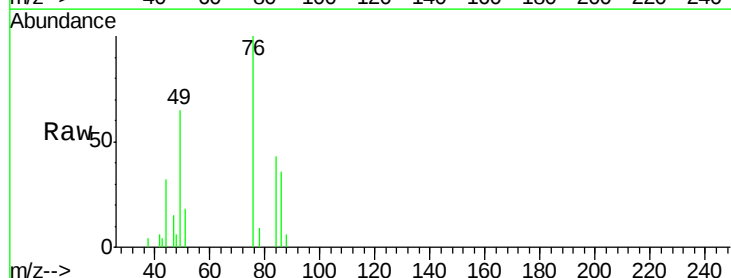
Ion Ratio Lower Upper

84 100

49 149.6 103.8 155.8

51 42.6 32.0 48.0

86 82.7 51.6 77.4#

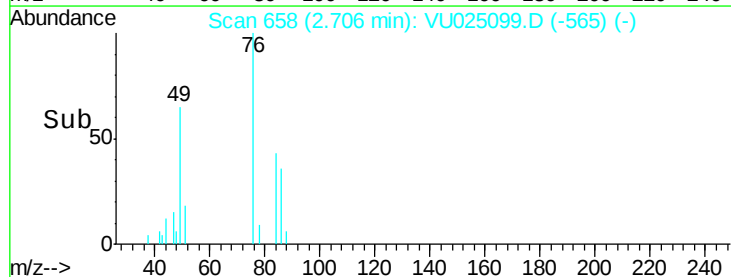
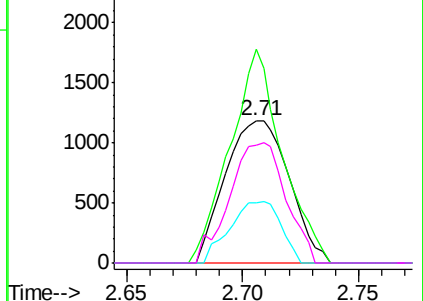


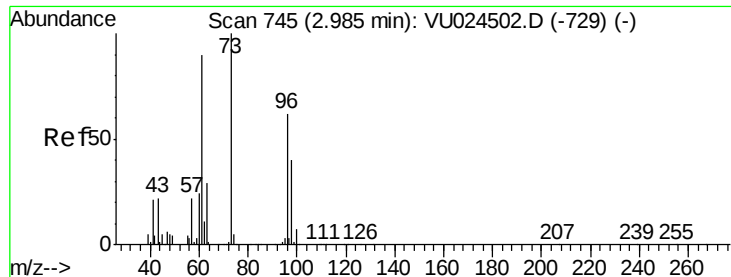
Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)

Ion 48.90 (48.60 to 49.60): VU024502.D (-638) (-)

Ion 50.90 (50.60 to 51.60): VU024502.D (-638) (-)

Ion 85.90 (85.60 to 86.60): VU024502.D (-638) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.57 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

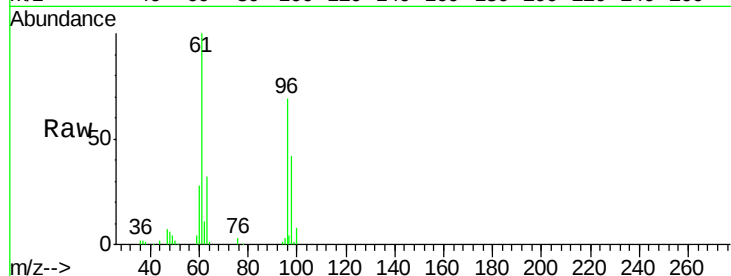
Tot Ion: 96 Resp: 51275

Ion Ratio Lower Upper

96 100

61 145.7 119.4 179.0

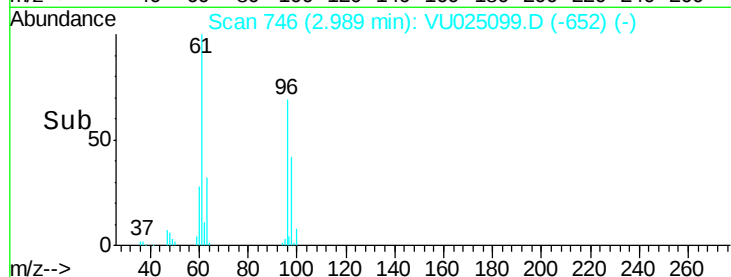
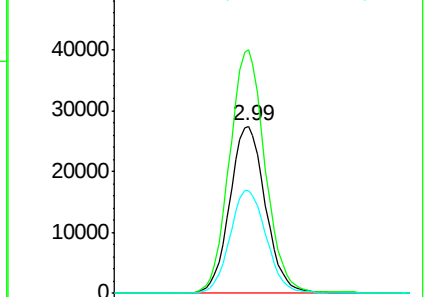
98 61.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-729) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-729) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-729) (-)



#24

1,1-Dichloroethane

Concen: 14.97 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

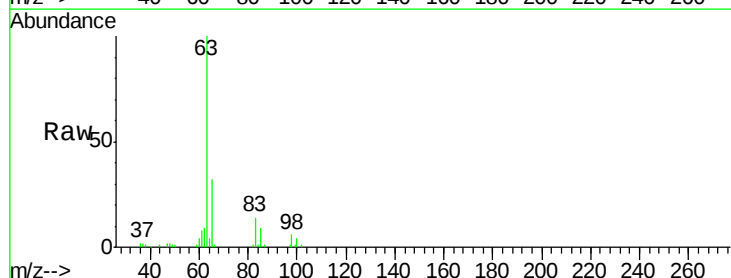
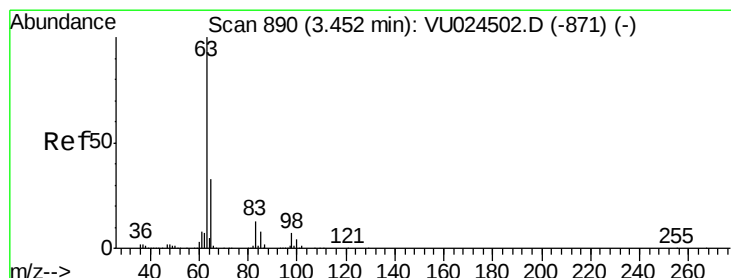
Tgt Ion: 63 Resp: 75419

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

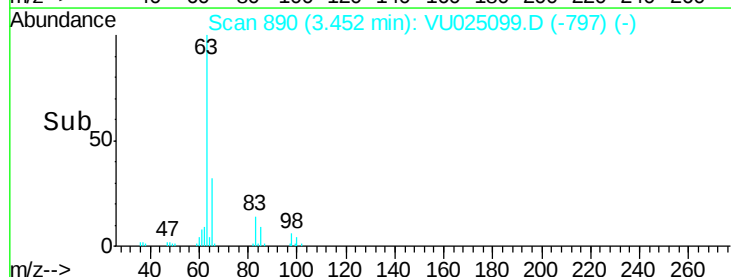
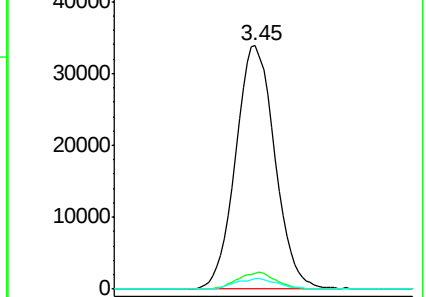
100 4.4 1.8 5.5

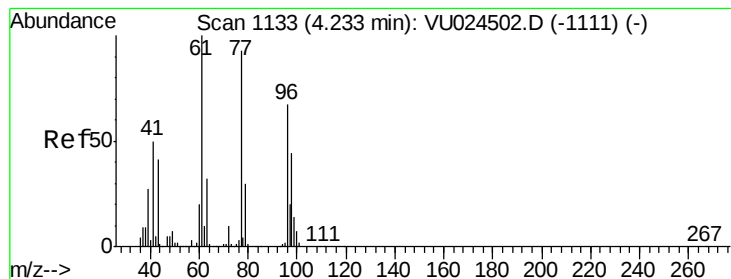


Abundance Ion 62.90 (62.60 to 63.60): VU024502.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU024502.D (-871) (-)





#27

cis-1,2-Dichloroethene

Concen: 102.62 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

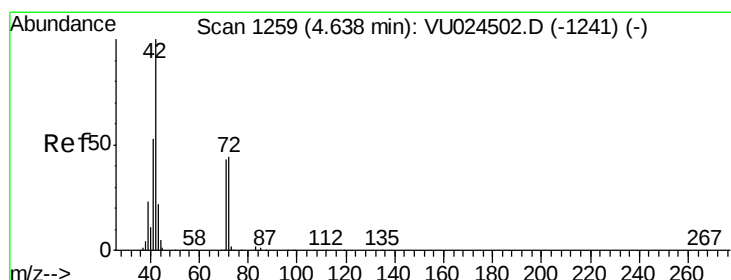
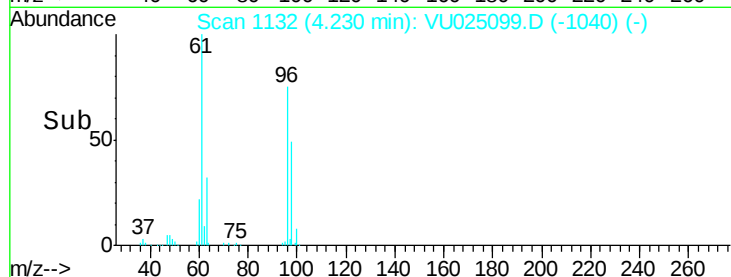
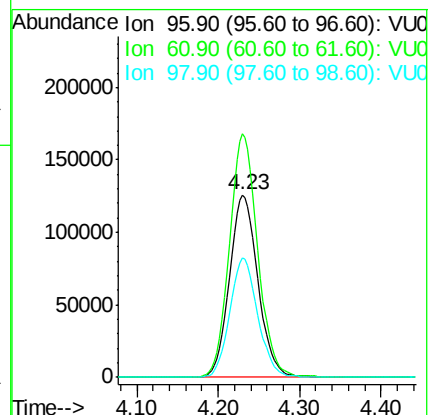
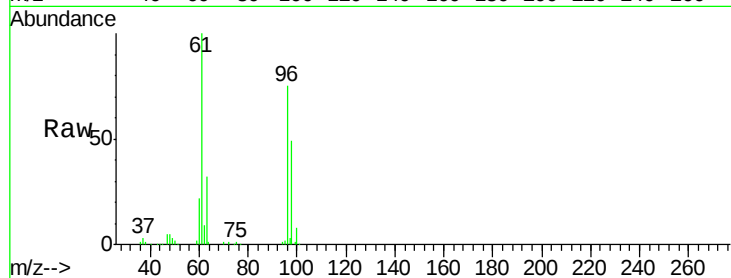
Tot Ion: 96 Resp: 309181

Ion Ratio Lower Upper

96 100

61 131.6 0.0 306.6

98 64.4 0.0 128.8



#29

Tetrahydrofuran

Concen: 0.74 ug/l

RT: 4.66 min Scan# 1265

Delta R.T. 0.02 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

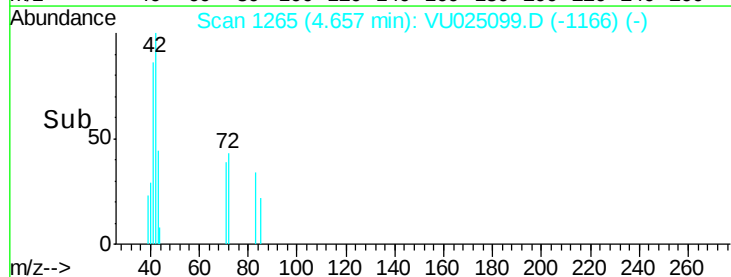
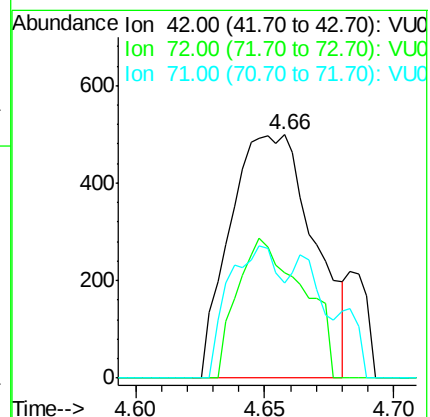
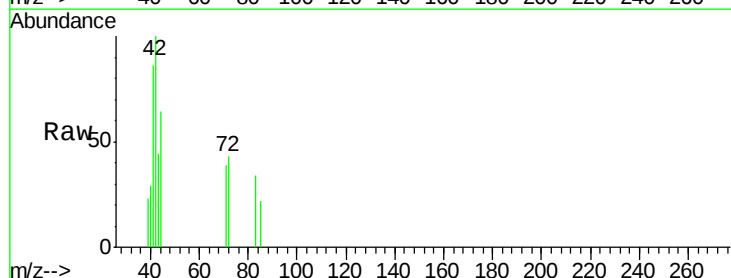
Tgt Ion: 42 Resp: 1135

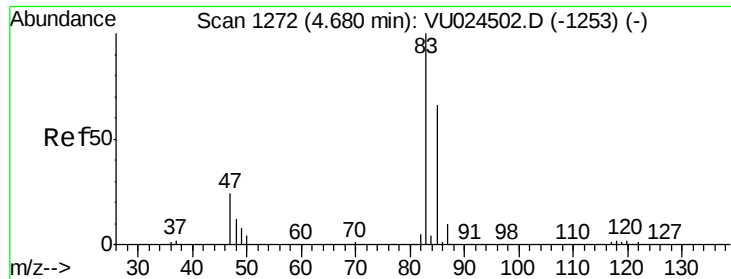
Ion Ratio Lower Upper

42 100

72 44.7 34.5 51.7

71 33.3 32.2 48.4

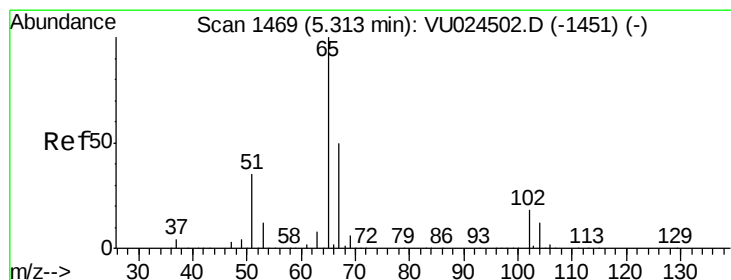
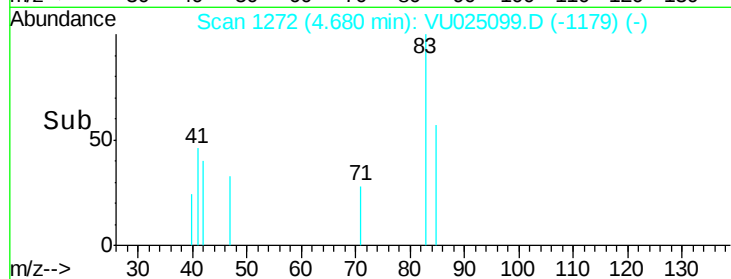
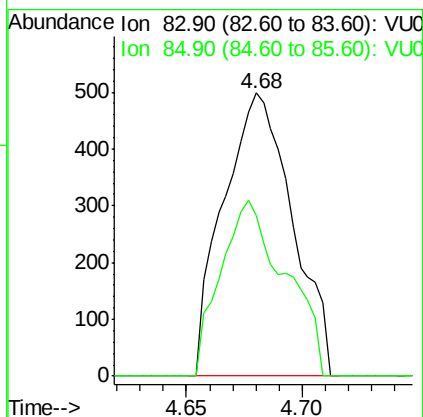
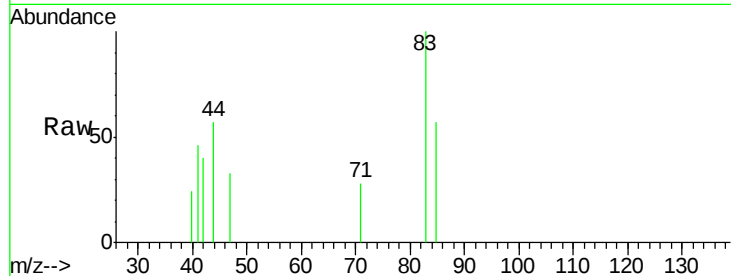




#30
Chloroform
Concen: 0.20 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

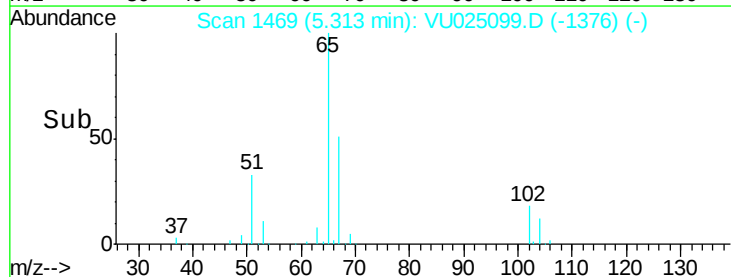
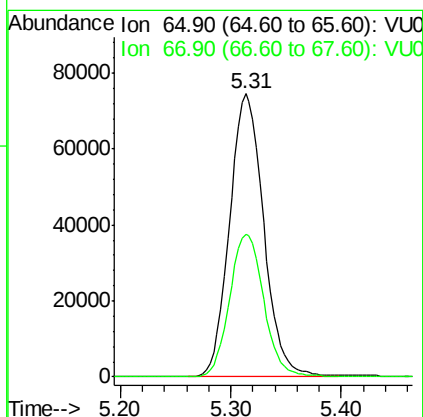
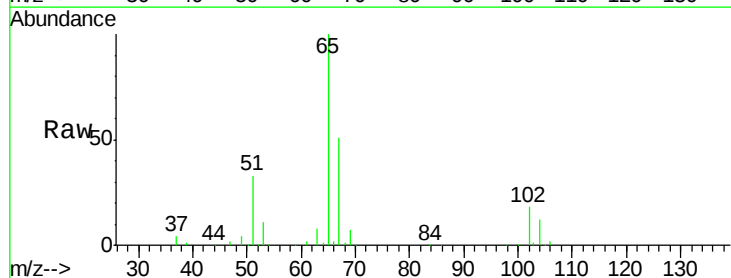
Instrument :
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WP021RW350-180625

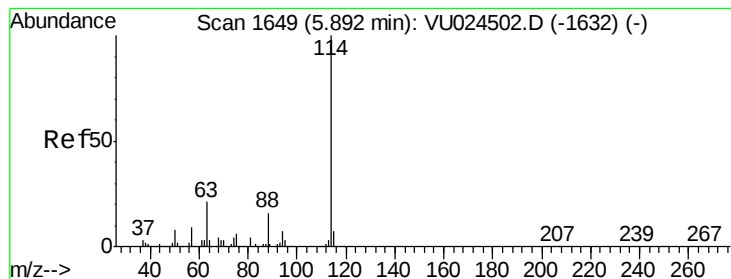
Tot Ion: 83 Resp: 1028
Ion Ratio Lower Upper
83 100
85 56.6 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 46.95 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

Tgt Ion: 65 Resp: 160152
Ion Ratio Lower Upper
65 100
67 50.4 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: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

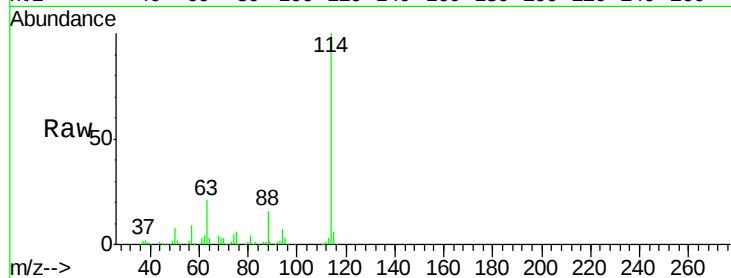
Tot Ion:114 Resp: 309053

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

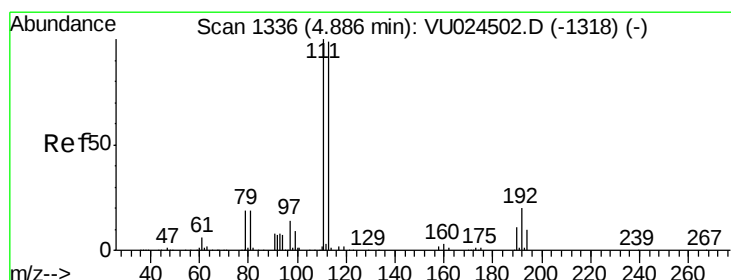
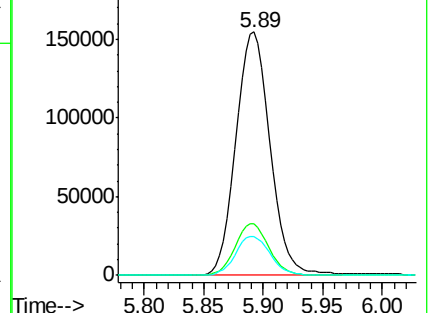
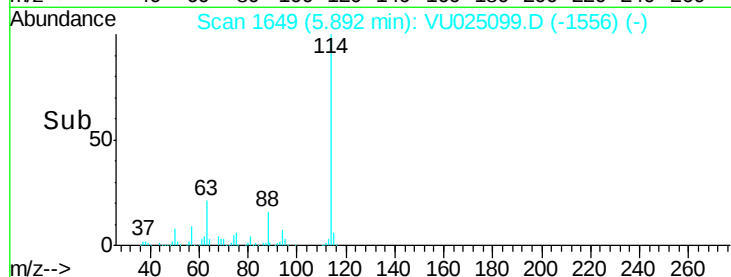
88 16.0 0.0 31.0



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: 47.90 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

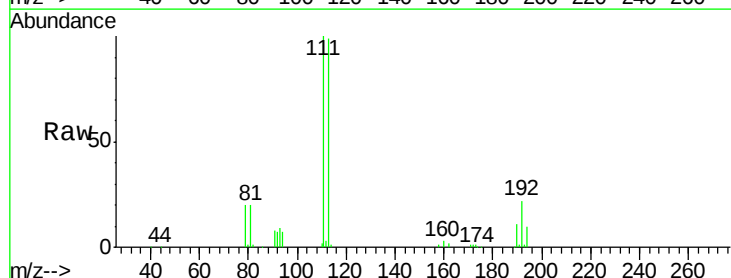
Tgt Ion:113 Resp: 122847

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

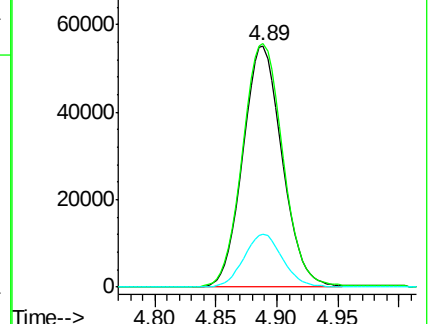
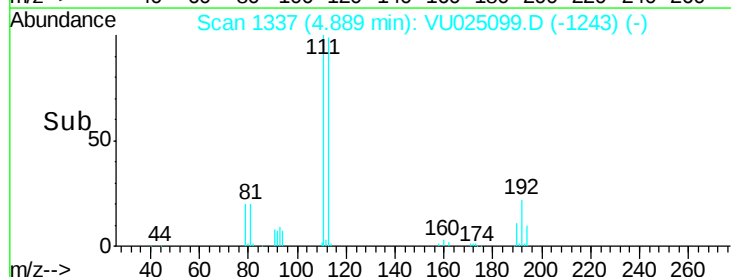
192 21.7 16.2 24.4

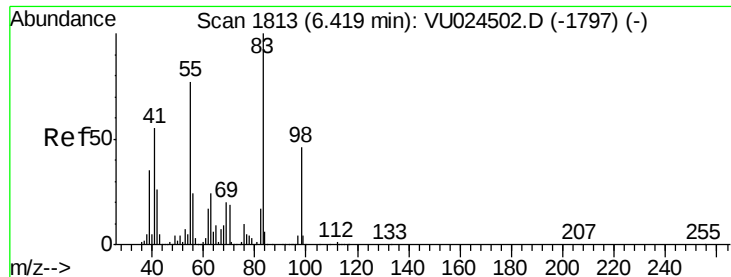


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

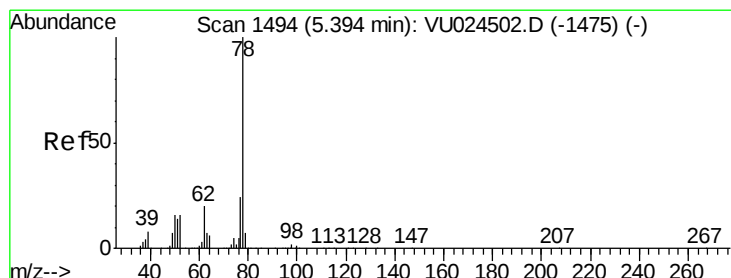
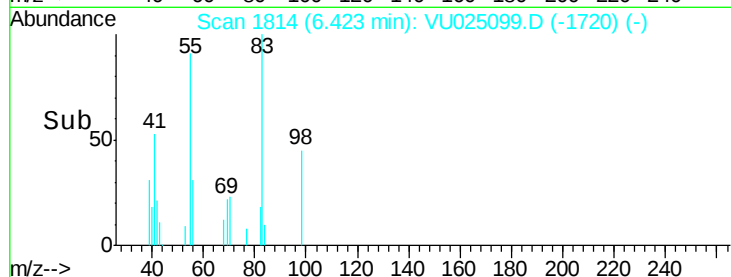
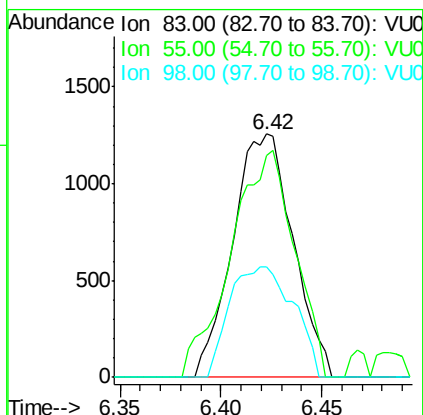
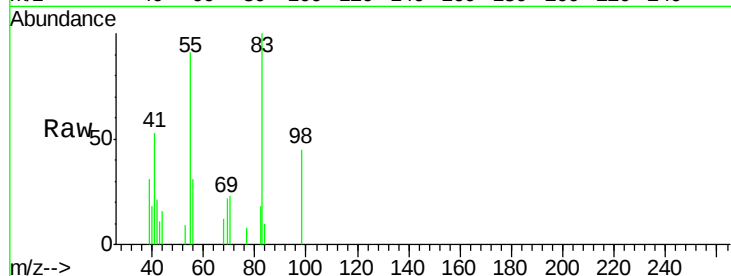




#39
Methvlcvclohexane
Concen: 0.58 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

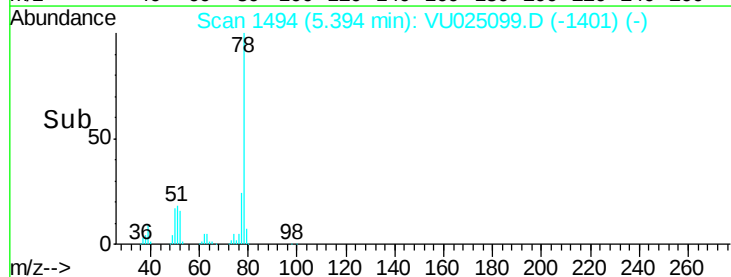
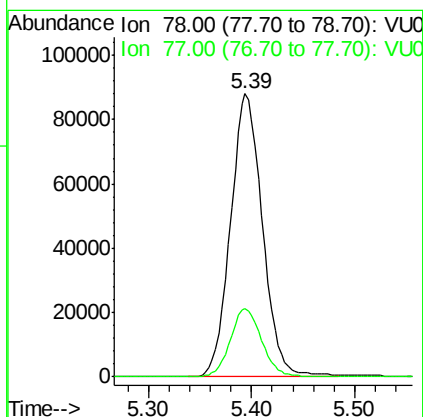
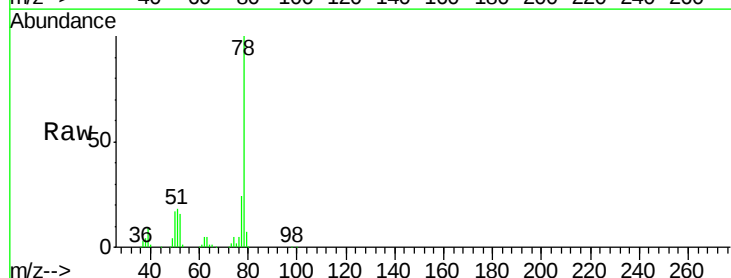
Instrument :
MSVOA_U
ClientSampleId :
WP021RW350-180625

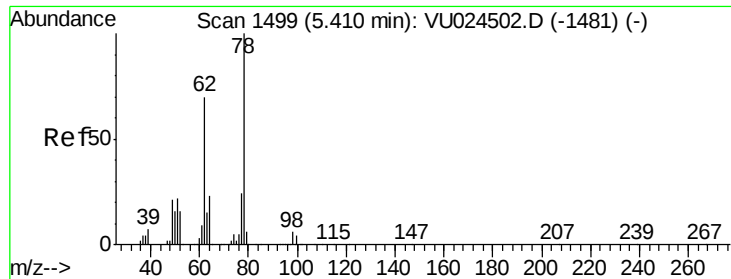
Tot Ion: 83 Resp: 2628
Ion Ratio Lower Upper
83 100
55 90.9 65.8 98.6
98 45.4 36.7 55.1



#40
Benzene
Concen: 18.38 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

Tgt Ion: 78 Resp: 190239
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#42

1,2-Dichloroethane

Concen: 4.56 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

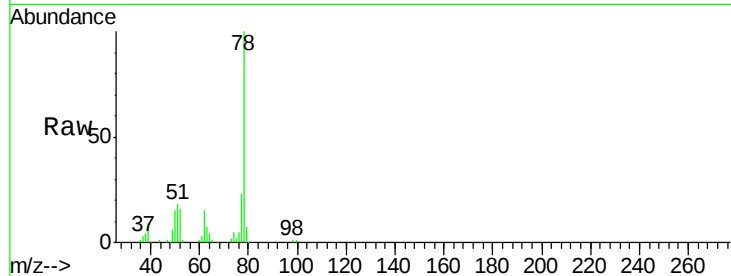
WP021RW350-180625

Tot Ion: 62 Resp: 17967

Ion Ratio Lower Upper

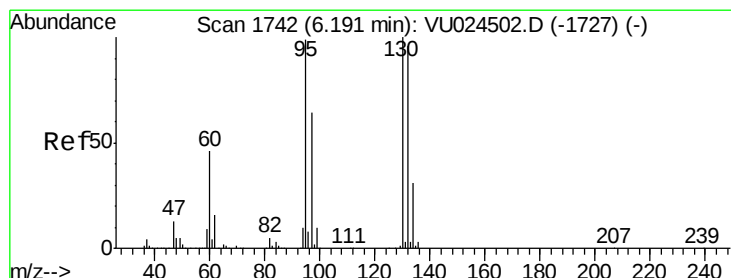
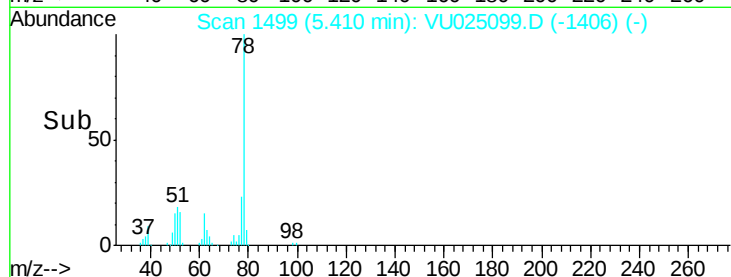
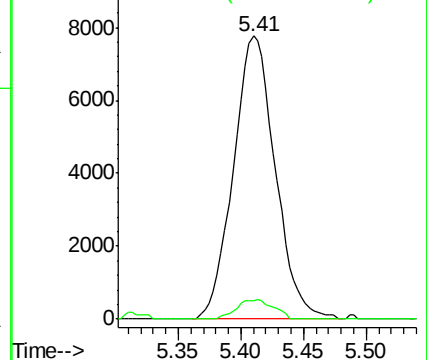
62 100

98 6.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-1481) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1481) (-)



#44

Trichloroethene

Concen: 54.24 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025099.D

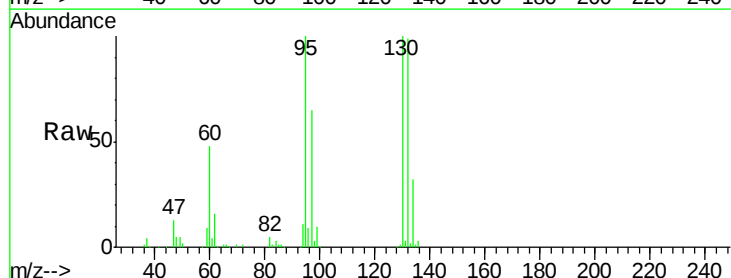
Acq: 30 Jun 2018 19:37

Tgt Ion:130 Resp: 159739

Ion Ratio Lower Upper

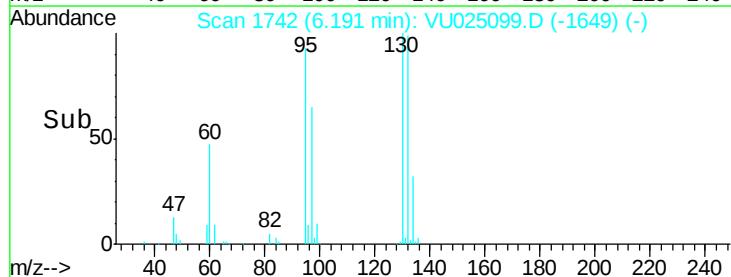
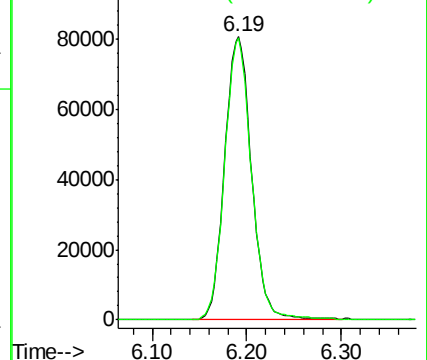
130 100

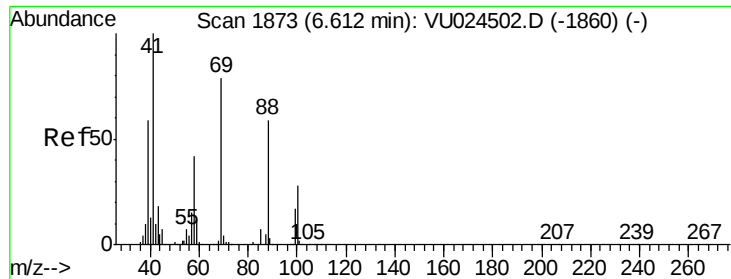
95 99.5 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)





#49

1,4-Dioxane

Concen: 84.11 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

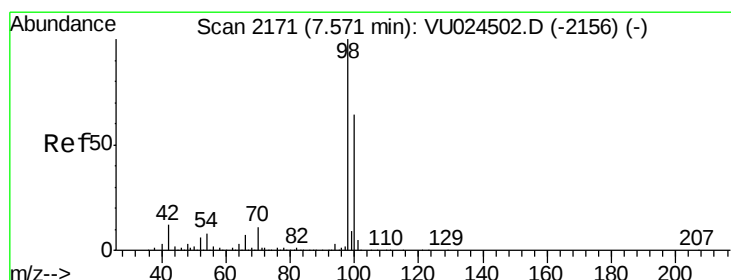
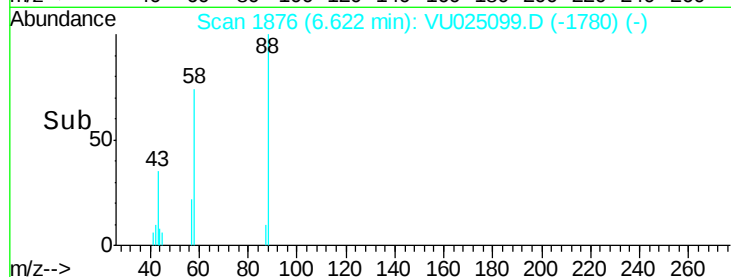
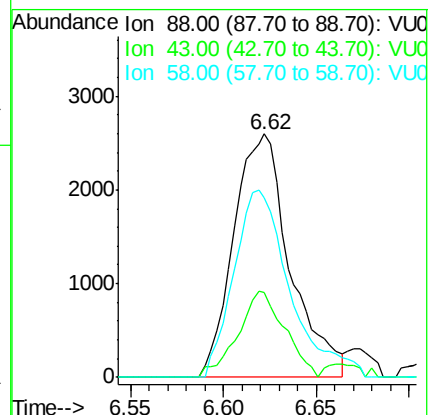
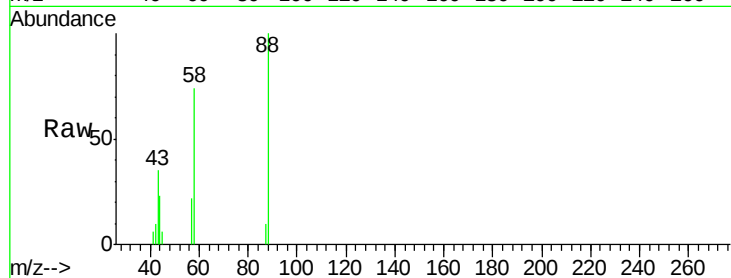
Tot Ion: 88 Resp: 5480

Ion Ratio Lower Upper

88 100

43 29.5 28.6 42.8

58 76.8 58.2 87.4



#50

Toluene-d8

Concen: 48.29 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025099.D

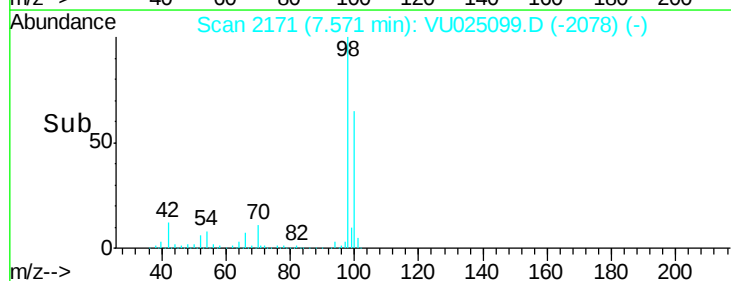
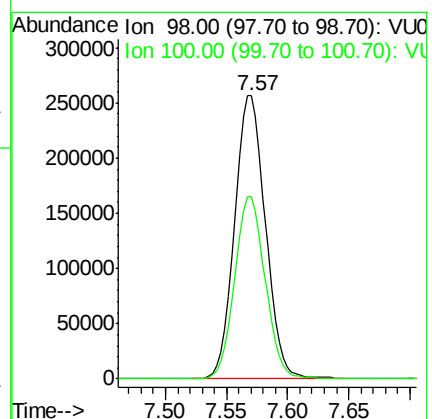
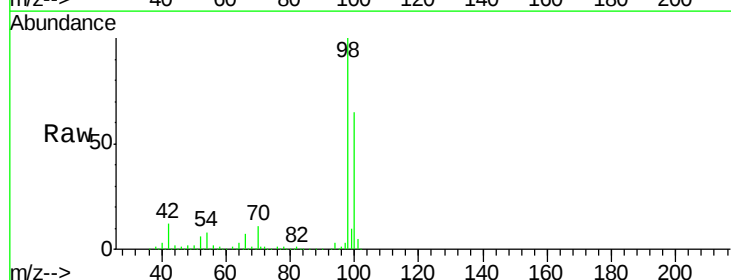
Acq: 30 Jun 2018 19:37

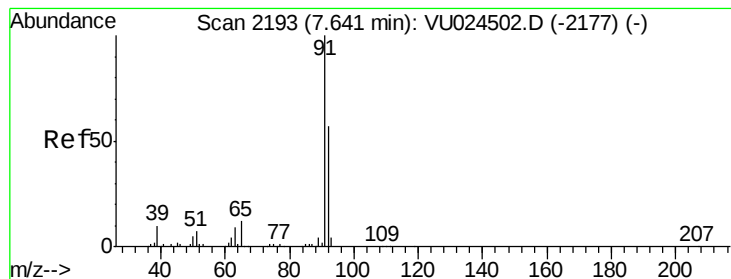
Tgt Ion: 98 Resp: 451778

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7





#52

Toluene

Concen: 1.24 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

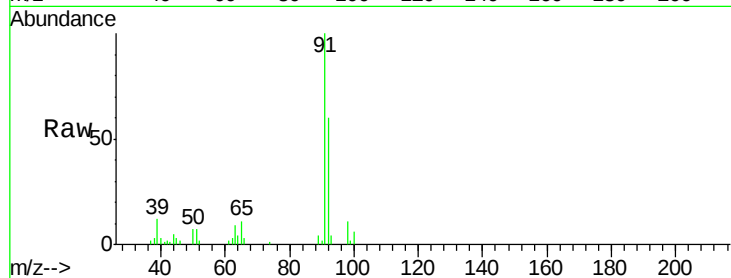
WP021RW350-180625

Tot Ion: 92 Resp: 8242

Ion Ratio Lower Upper

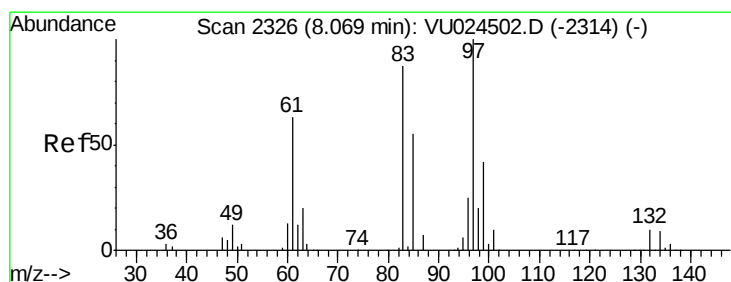
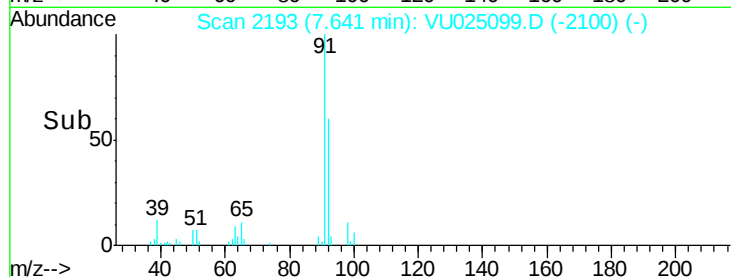
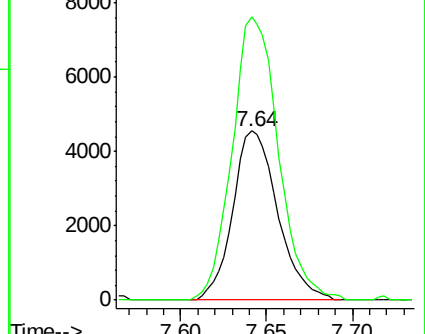
92 100

91 172.4 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#55

1,1,2-Trichloroethane

Concen: 1.14 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Tgt Ion: 97 Resp: 3089

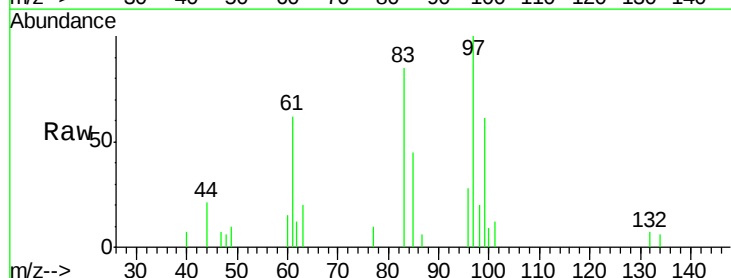
Ion Ratio Lower Upper

97 100

83 84.9 70.5 105.7

85 44.6 46.4 69.6#

99 61.1 50.2 75.2

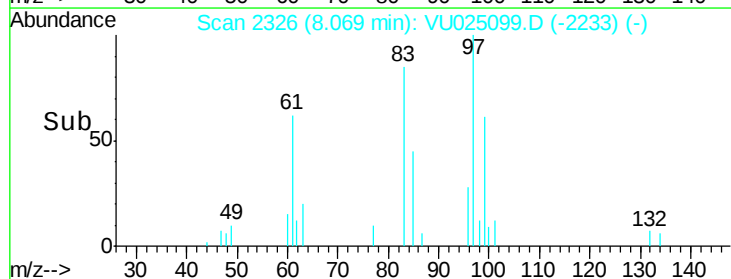
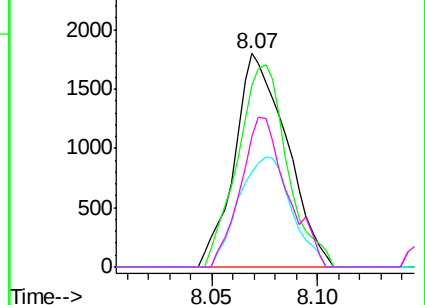


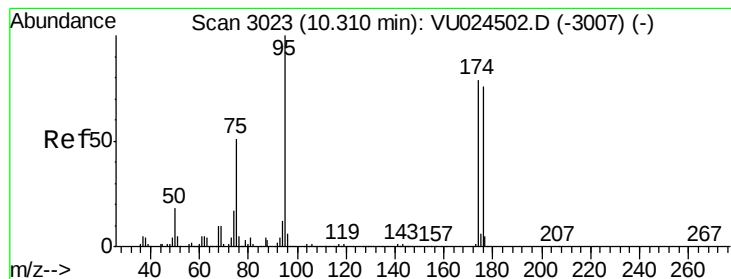
Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0





#62

4-Bromofluorobenzene

Concen: 46.06 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

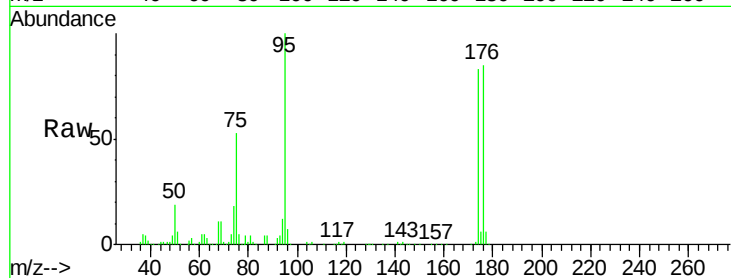
Tot Ion: 95 Resp: 171088

Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.8

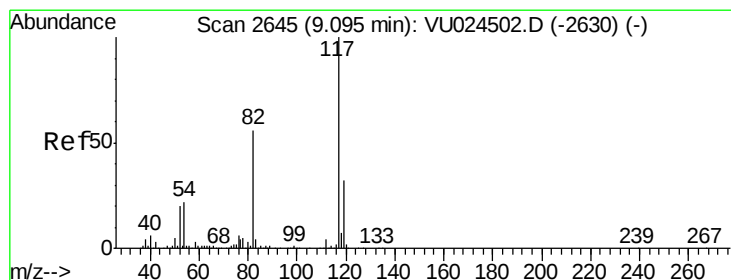
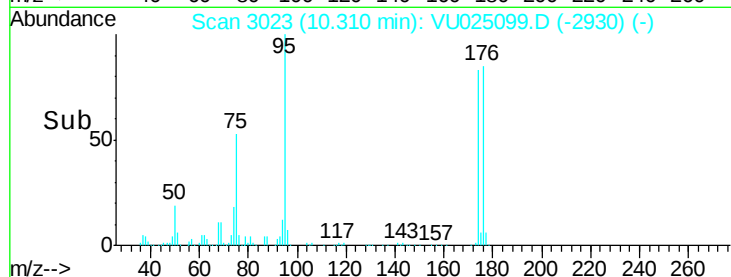
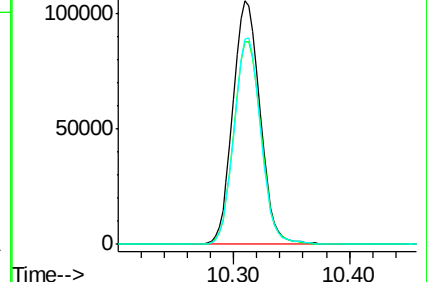
176 83.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

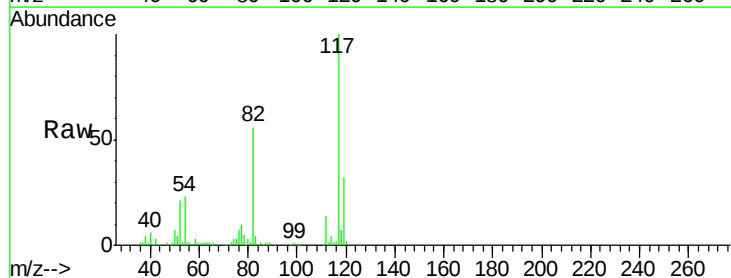
Tgt Ion: 117 Resp: 292474

Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

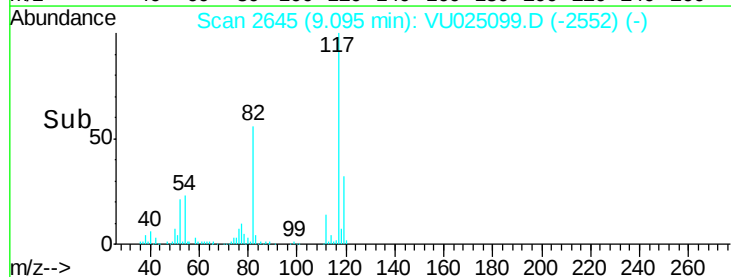
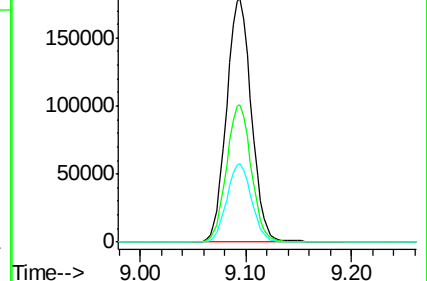
119 32.0 25.4 38.2

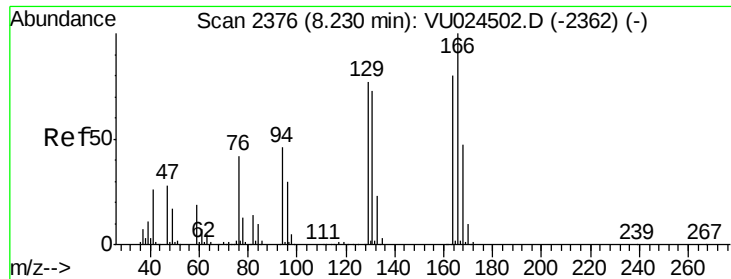


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#64

Tetrachloroethene

Concen: 0.77 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

Tot Ion:164 Resp: 2137

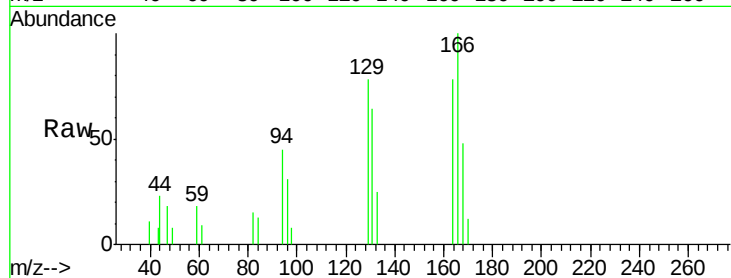
Ion Ratio Lower Upper

164 100

166 127.9 101.7 152.5

129 99.6 76.9 115.3

131 81.7 74.9 112.3

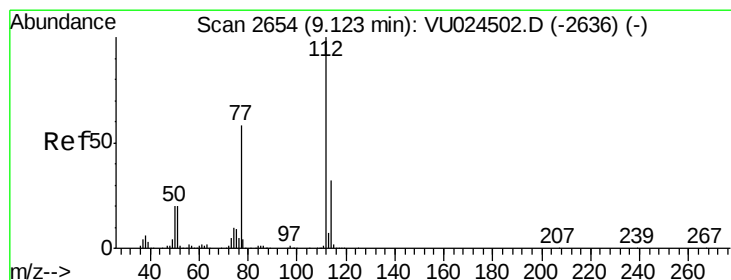
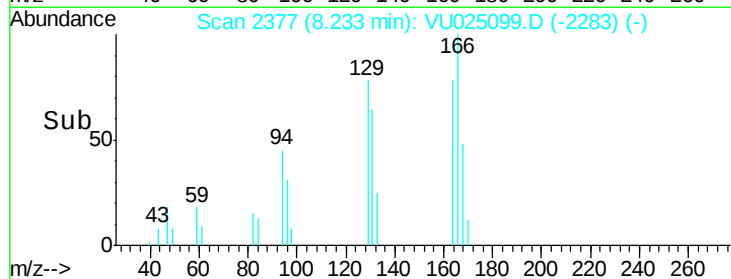
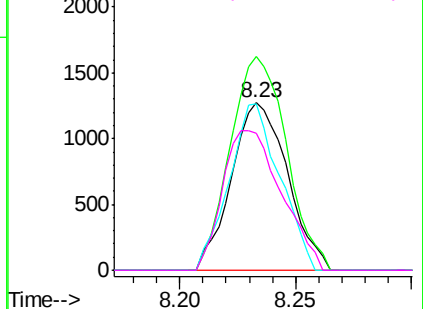


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 185.35 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025099.D

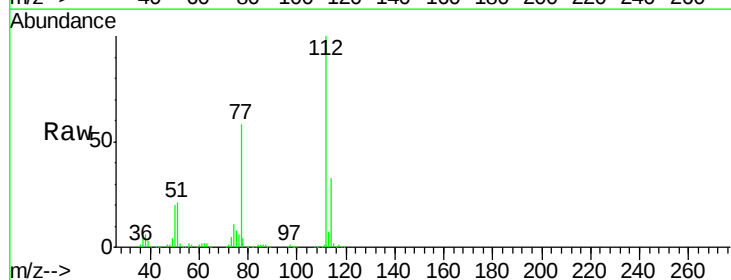
Acq: 30 Jun 2018 19:37

Tgt Ion:112 Resp: 1384872

Ion Ratio Lower Upper

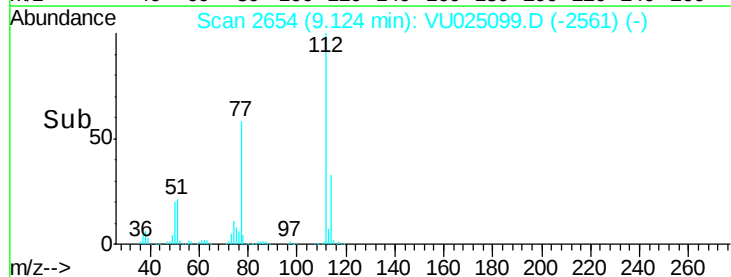
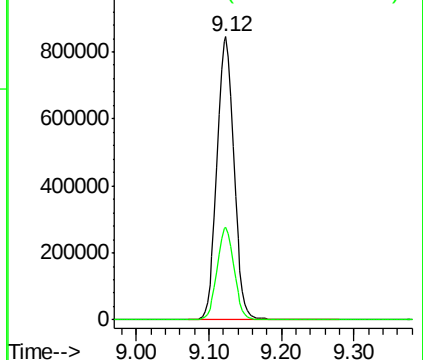
112 100

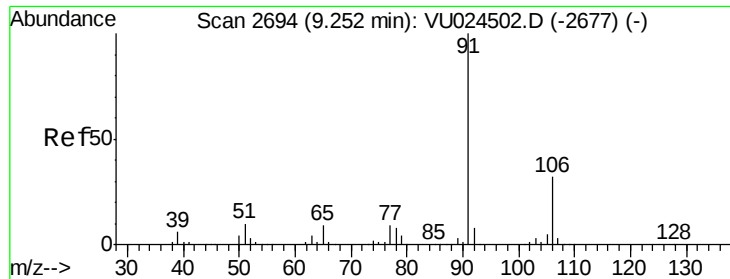
114 32.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

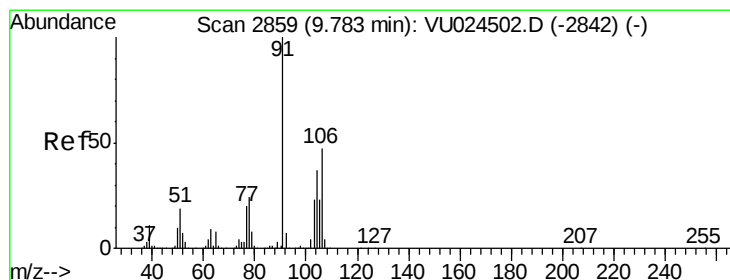
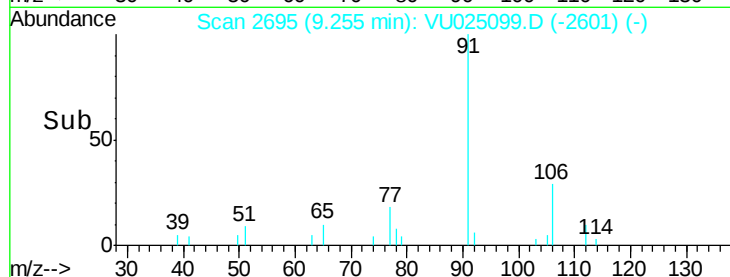
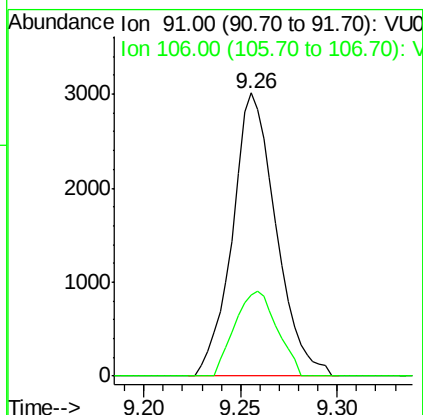
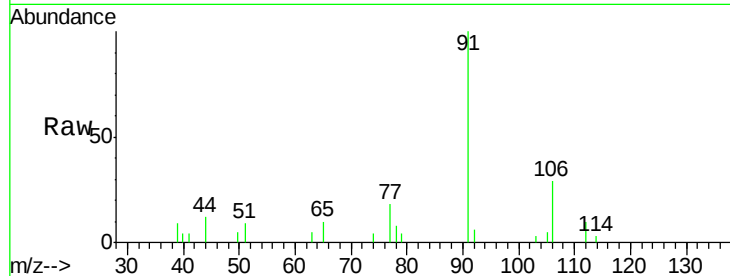




#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

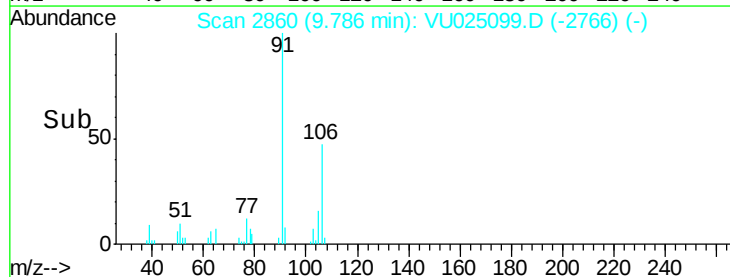
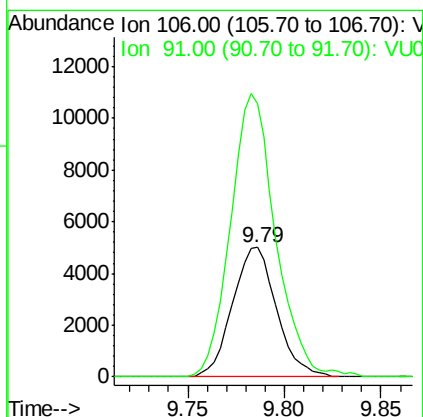
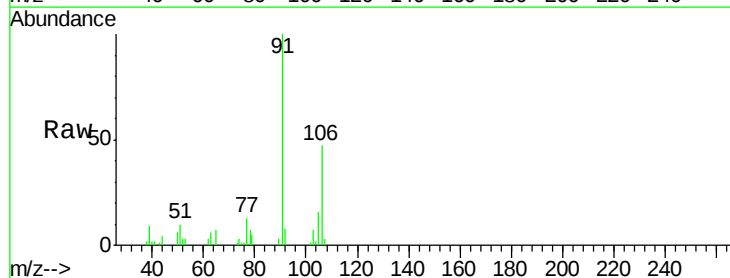
Instrument :
MSVOA_U
ClientSampleId :
WP021RW350-180625

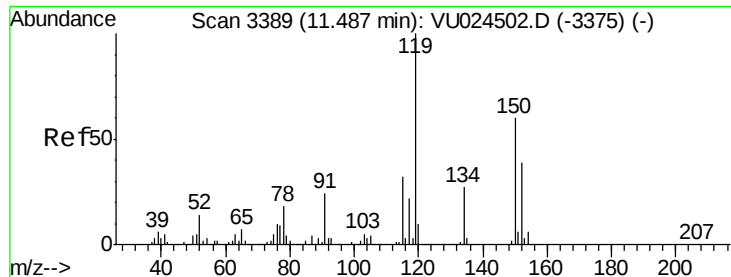
Tot Ion: 91 Resp: 4726
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.4



#69
o-Xylene
Concen: 1.59 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025099.D
Acq: 30 Jun 2018 19:37

Tgt Ion: 106 Resp: 7898
Ion Ratio Lower Upper
106 100
91 224.1 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

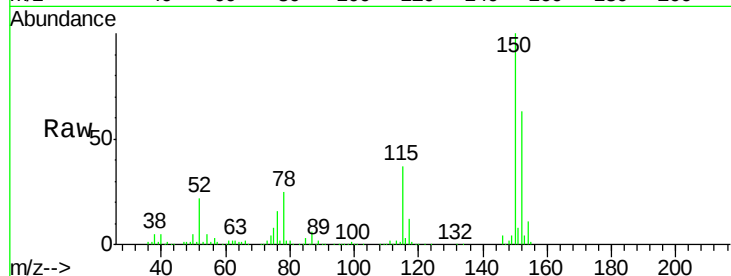
Tot Ion:152 Resp: 160677

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

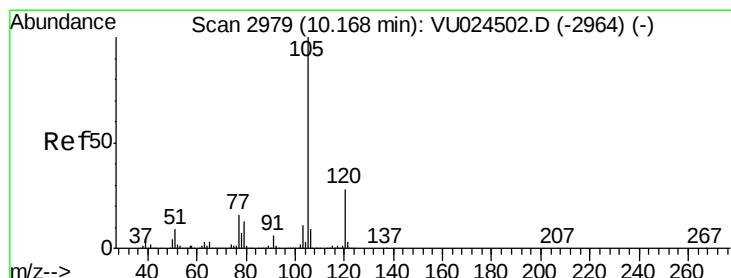
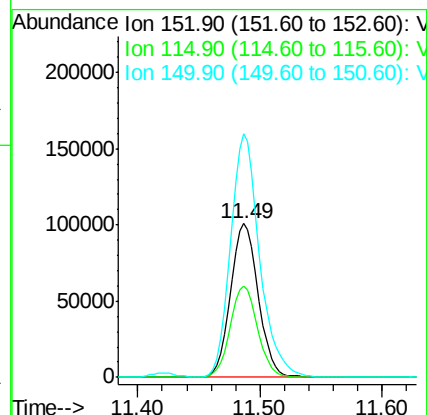
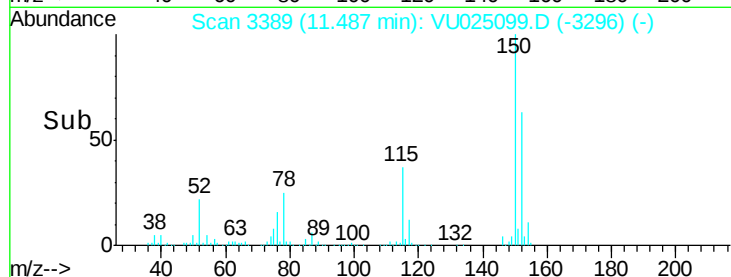
150 165.3 0.0 354.0



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: 1.15 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025099.D

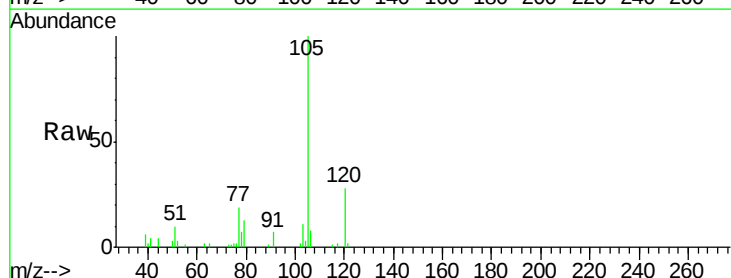
Acq: 30 Jun 2018 19:37

Tgt Ion:105 Resp: 14129

Ion Ratio Lower Upper

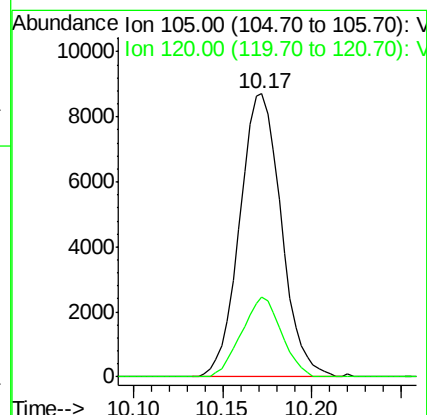
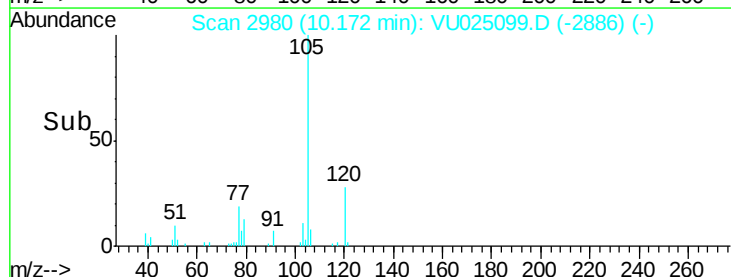
105 100

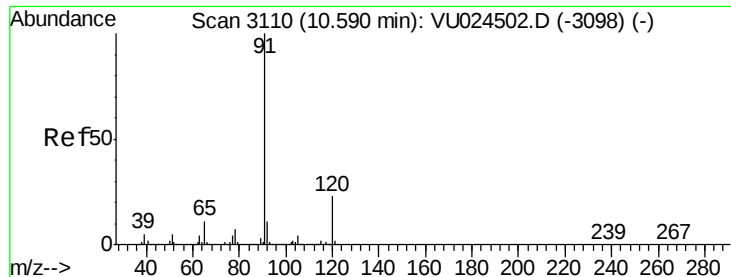
120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.36 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

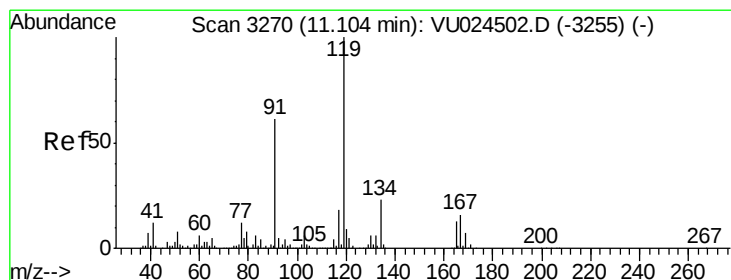
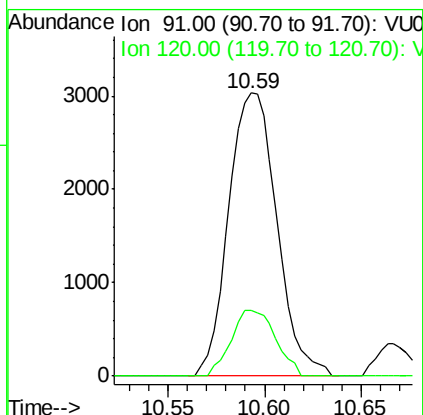
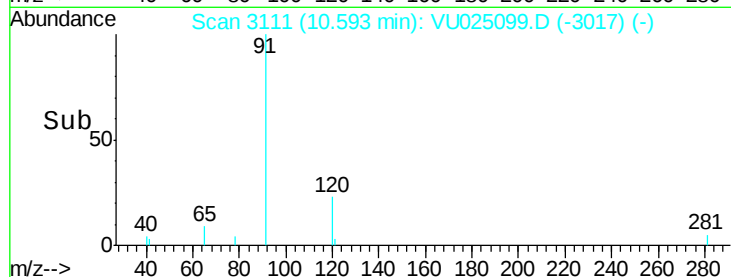
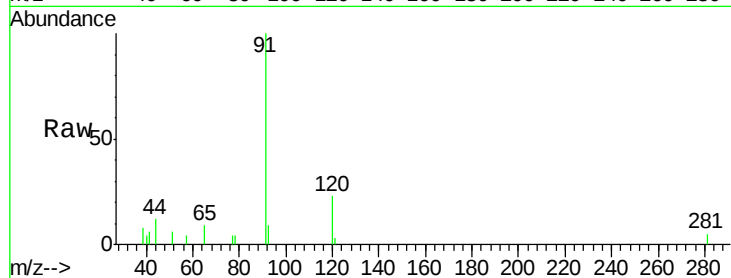
WP021RW350-180625

Tot Ion: 91 Resp: 5252

Ion Ratio Lower Upper

91 100

120 21.4 11.2 33.5



#83

tert-Butylbenzene

Concen: 1.04 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

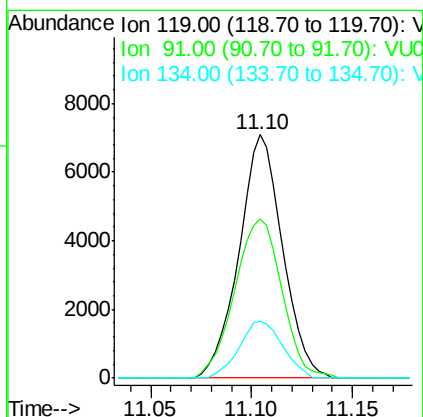
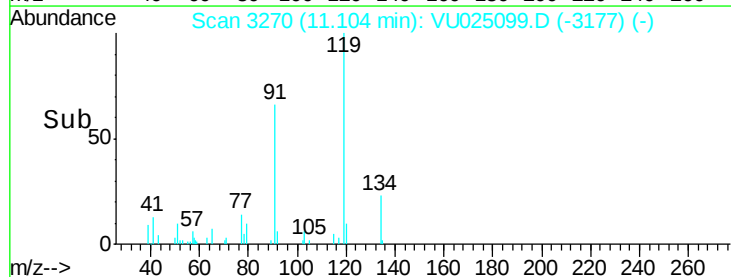
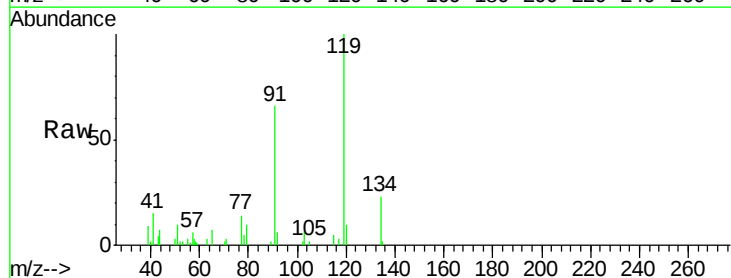
Tgt Ion: 119 Resp: 10717

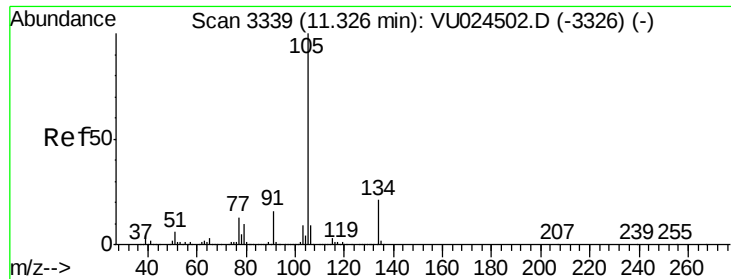
Ion Ratio Lower Upper

119 100

91 70.9 29.7 89.1

134 23.4 11.6 34.7





#85

sec-Butylbenzene

Concen: 0.64 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

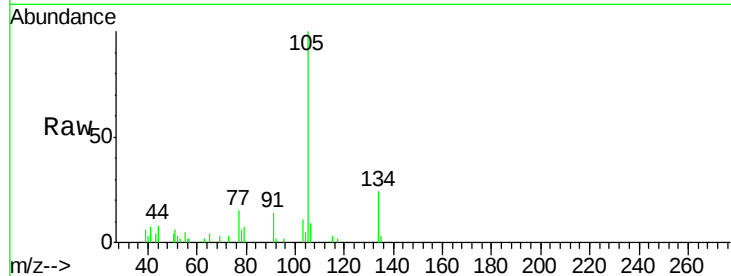
WP021RW350-180625

Tot Ion:105 Resp: 8285

Ion Ratio Lower Upper

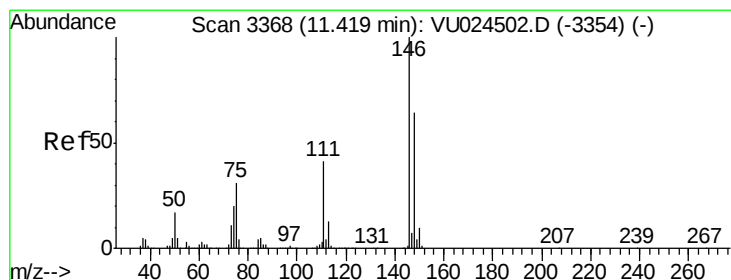
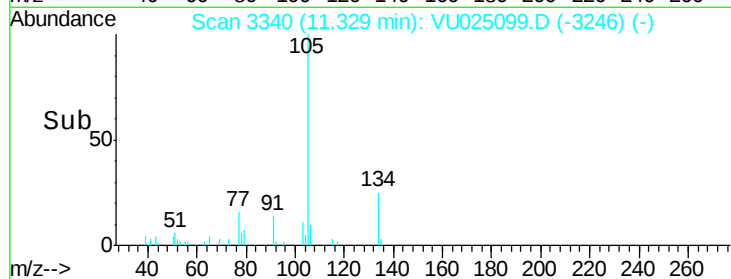
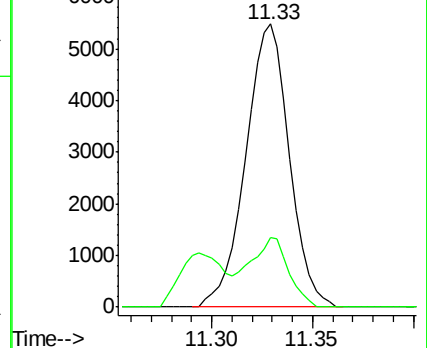
105 100

134 22.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 8.28 ug/l

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

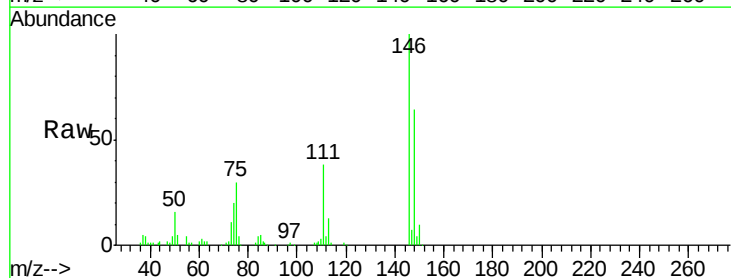
Tgt Ion:146 Resp: 47747

Ion Ratio Lower Upper

146 100

111 38.3 20.0 60.0

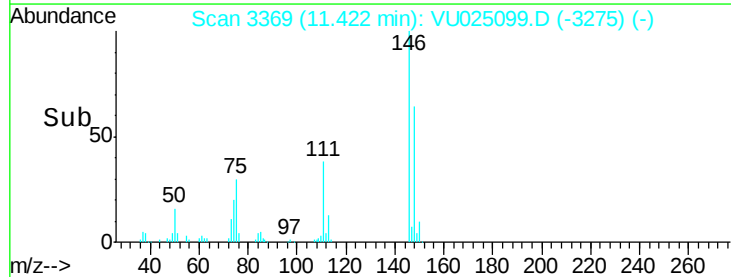
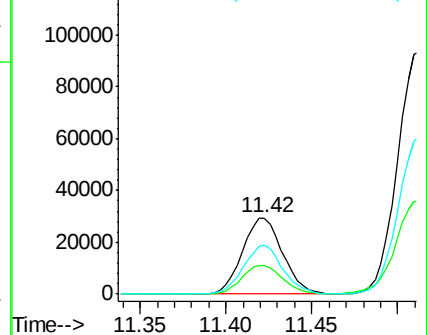
148 63.1 32.1 96.5

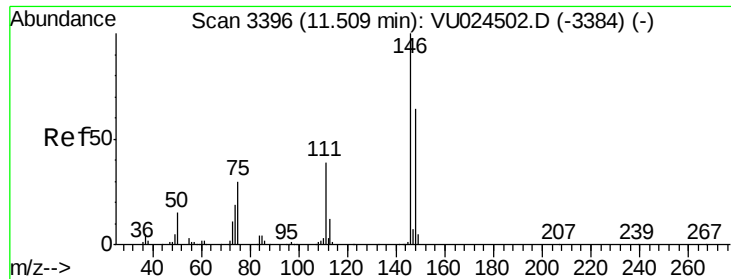


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 26.02 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

WP021RW350-180625

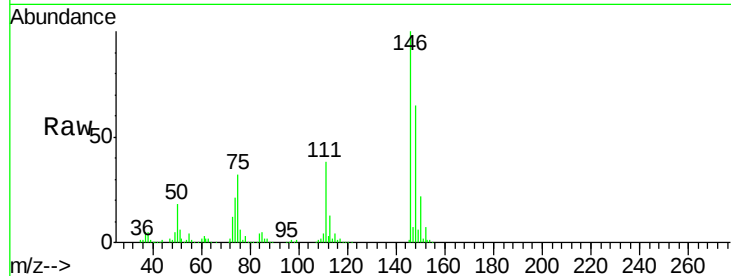
Tot Ion:146 Resp: 151112

Ion Ratio Lower Upper

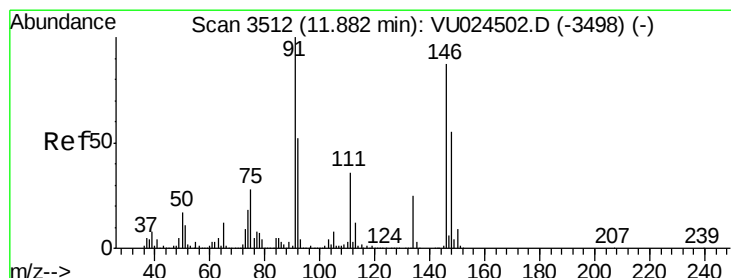
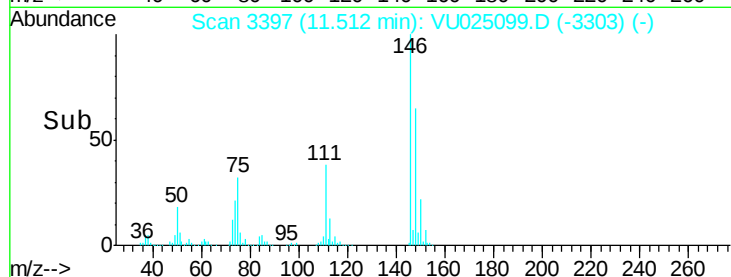
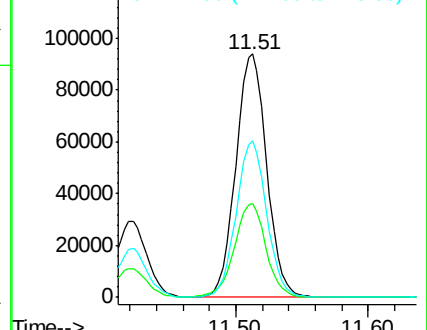
146 100

111 39.3 19.5 58.5

148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 95.07 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025099.D

Acq: 30 Jun 2018 19:37

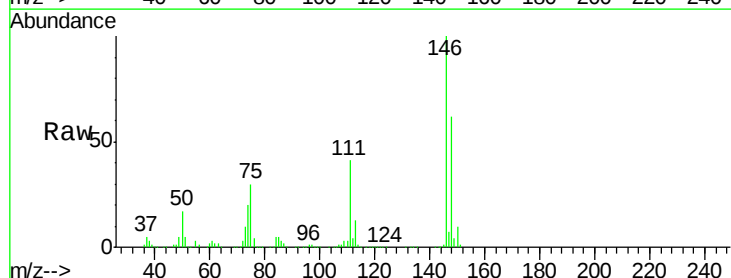
Tgt Ion:146 Resp: 549422

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

148 63.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

