

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025214.D
 Acq On : 05 Jul 2018 14:36
 Operator : MD/SY
 Sample : J3808-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

Quant Time: Jul 06 05:13:10 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	209849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310111	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155908	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	4.89	113	123349	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	7.57	98	448578	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	10.31	95	165036	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

Target Compounds

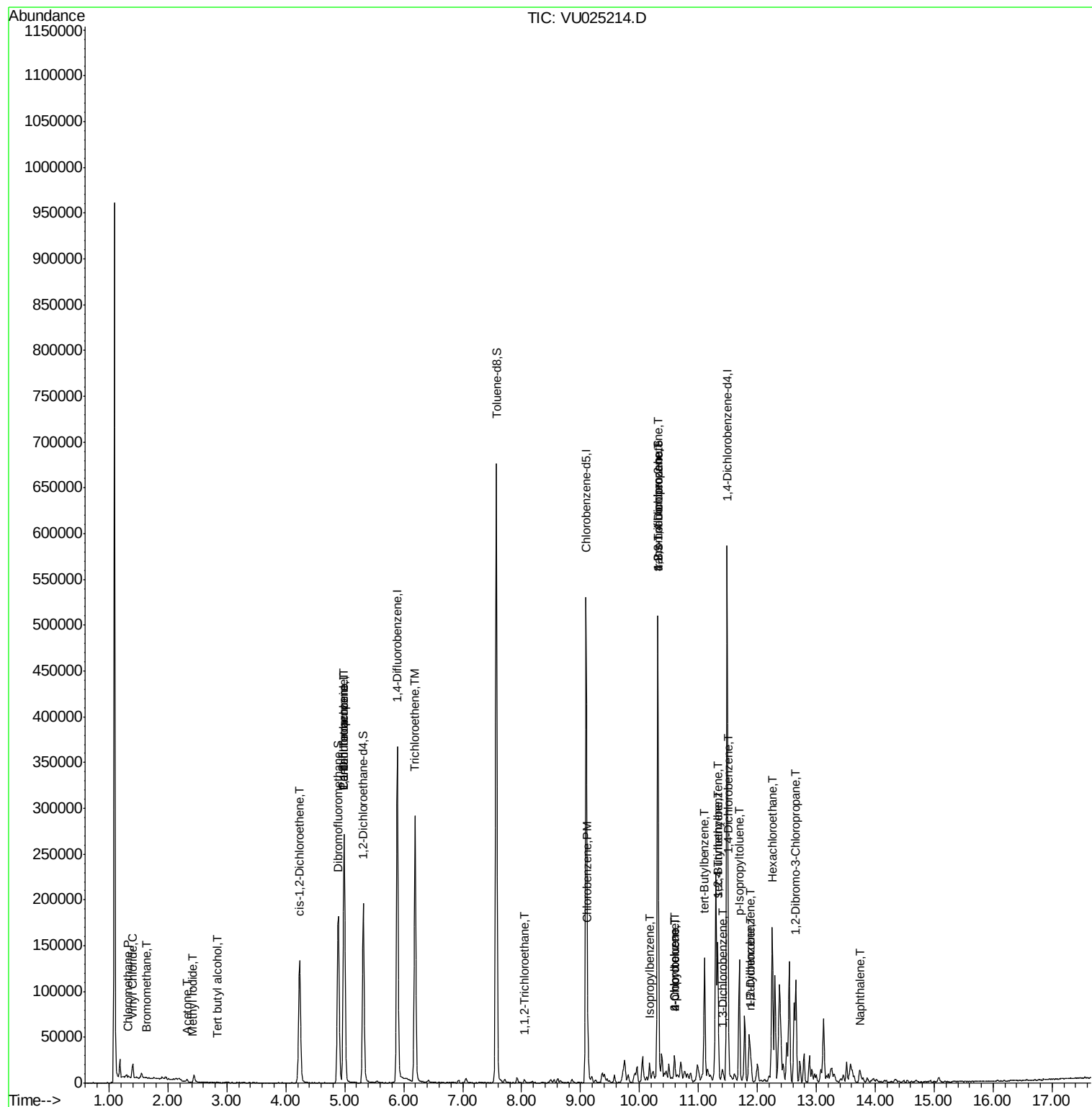
						Qvalue
3) Chloromethane	1.33	50	876	0.33	ug/l	# 74
4) Vinyl Chloride	1.40	62	6730	2.43	ug/l	94
5) Bromomethane	1.64	94	532	0.40	ug/l	95
6) Chloroethane	1.68	64	262	Below Cal	#	43
10) Methyl Iodide	2.41	142	108	5.33	ug/l	# 40
11) Tert butyl alcohol	2.83	59	353	0.42	ug/l	# 72
16) Acetone	2.32	43	3169	1.72	ug/l	# 85
27) cis-1,2-Dichloroethene	4.23	96	75112	24.83	ug/l	89
31) Cyclohexane	4.98	56	4474	Below Cal	#	17
36) 1,1-Dichloropropene	4.99	75	15683	4.30	ug/l	# 52
38) Carbon Tetrachloride	4.99	117	19879	4.96	ug/l	# 16
44) Trichloroethene	6.19	130	103318	34.96	ug/l	94
55) 1,1,2-Trichloroethane	8.05	97	1314	0.48	ug/l	# 14
65) Chlorobenzene	9.12	112	22826	3.11	ug/l	98
73) Isopropylbenzene	10.17	105	14014	1.19	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	86130	25.50	ug/l	# 36
78) n-propylbenzene	10.59	91	21045	1.52	ug/l	100
79) 2-Chlorotoluene	10.59	91	21045	2.57	ug/l	# 41
81) trans-1,4-Dichloro-2-buten	10.31	75	86130	59.02	ug/l	# 100
82) 4-Chlorotoluene	10.59	91	21045	2.21	ug/l	# 45
83) tert-Butylbenzene	11.10	119	61608	6.27	ug/l	92
84) 1,2,4-Trimethylbenzene	11.33	105	97120	9.34	ug/l	# 31
85) sec-Butylbenzene	11.33	105	97120	7.90	ug/l	96
86) p-Isopropyltoluene	11.69	119	72438	6.58	ug/l	95
87) 1,3-Dichlorobenzene	11.43	146	1764	0.32	ug/l	# 75
88) 1,4-Dichlorobenzene	11.51	146	1427	0.26	ug/l	# 45
89) n-Butylbenzene	11.89	91	11689	1.20	ug/l	# 74
90) Hexachloroethane	12.25	117	8700	4.05	ug/l	# 8
91) 1,2-Dichlorobenzene	11.89	146	1366	0.25	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	12.66	75	459	0.42	ug/l	# 3
95) Naphthalene	13.75	128	7498	1.33	ug/l	# 91

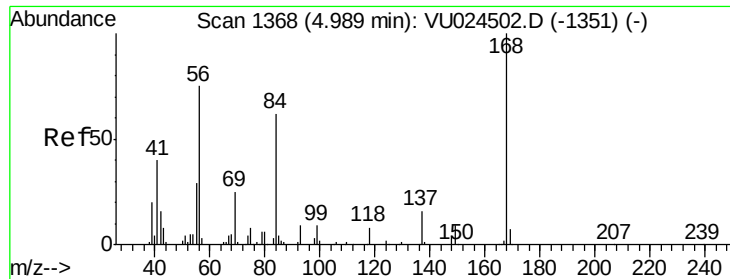
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

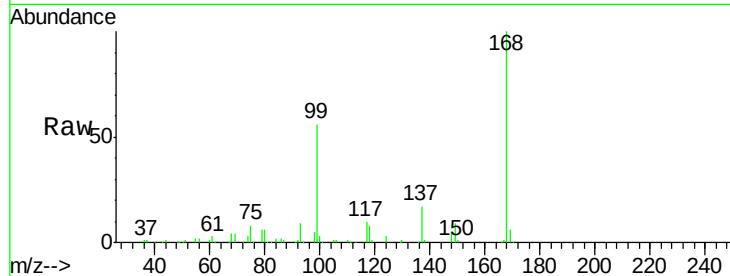
WP021MW472-180628

Tot Ion:168 Resp: 209849

Ion Ratio Lower Upper

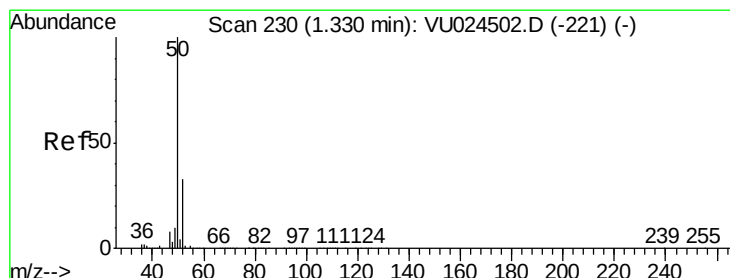
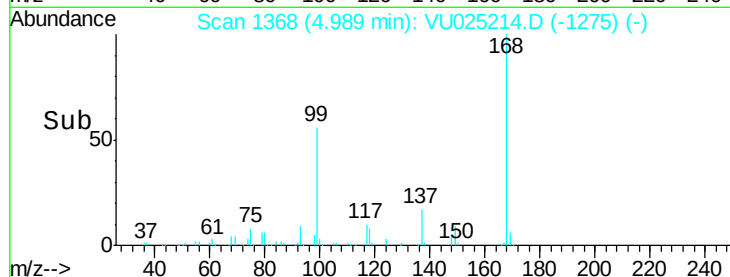
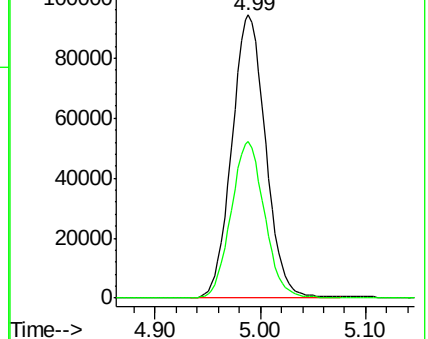
168 100

99 55.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025214.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU025214.D (-1351) (-)



#3

Chloromethane

Concen: 0.33 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025214.D

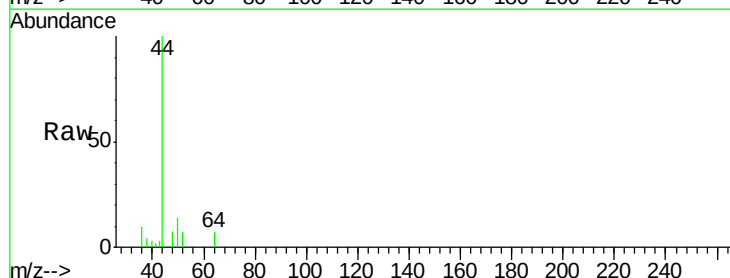
Acq: 05 Jul 2018 14:36

Tgt Ion: 50 Resp: 876

Ion Ratio Lower Upper

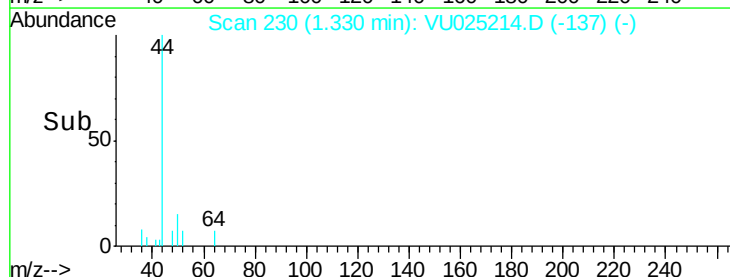
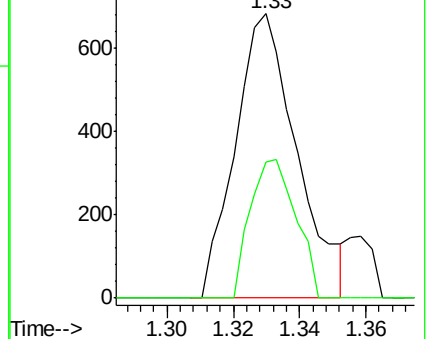
50 100

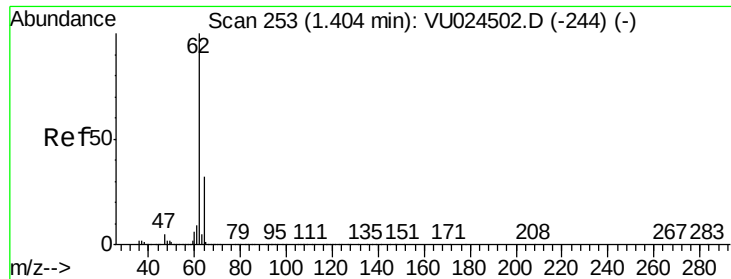
52 47.8 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU025214.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025214.D (-137) (-)





#4

Vinyl Chloride

Concen: 2.43 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

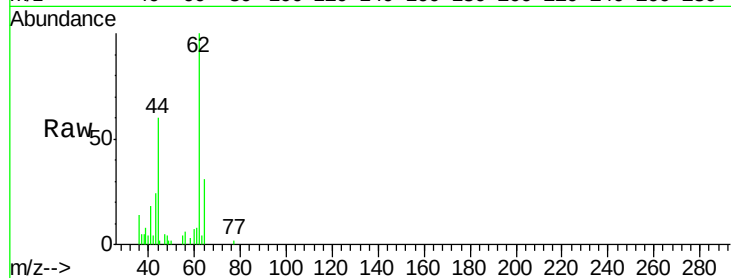
WP021MW472-180628

Tot Ion: 62 Resp: 6730

Ion Ratio Lower Upper

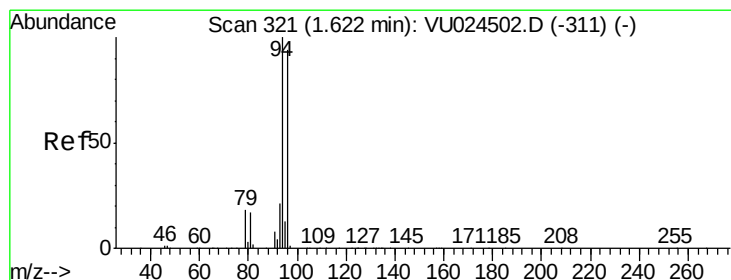
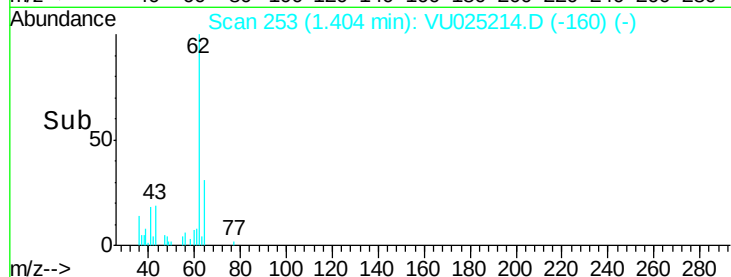
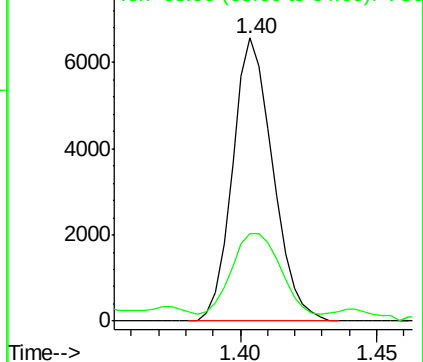
62 100

64 27.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 0.40 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025214.D

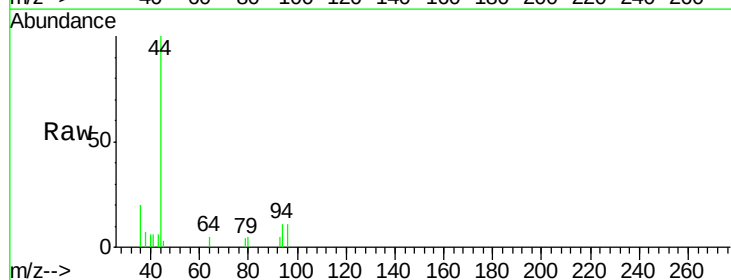
Acq: 05 Jul 2018 14:36

Tgt Ion: 94 Resp: 532

Ion Ratio Lower Upper

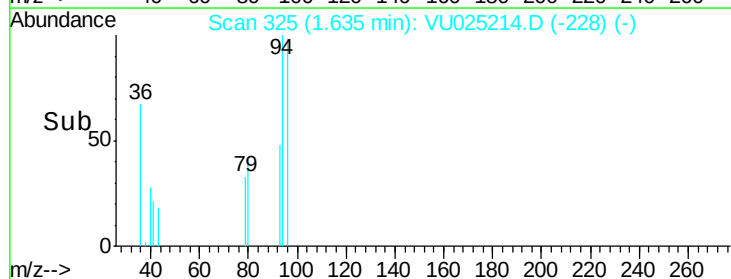
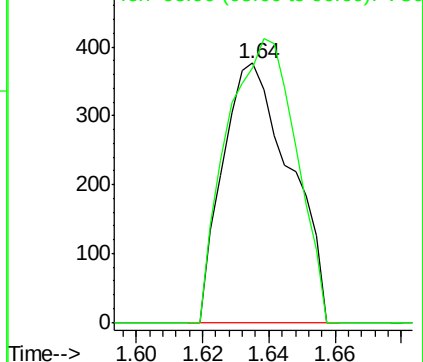
94 100

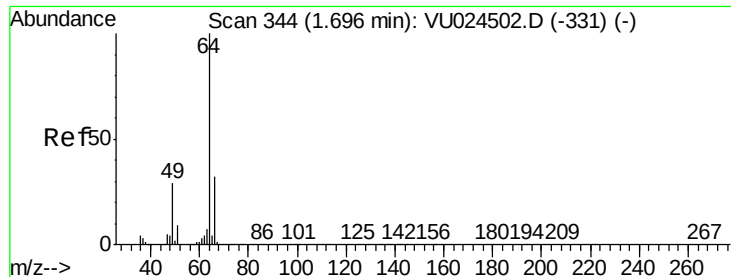
96 98.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

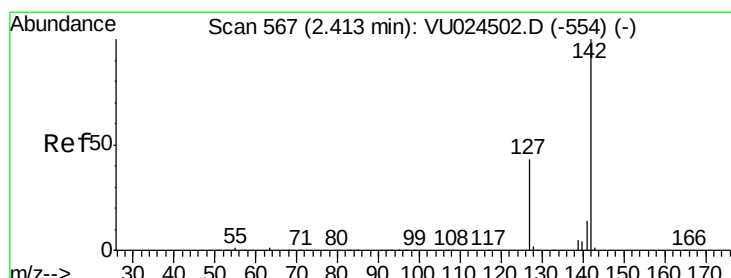
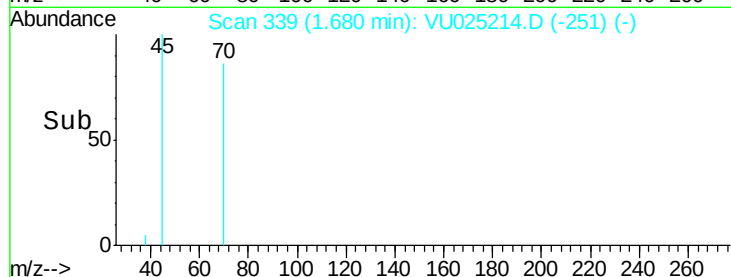
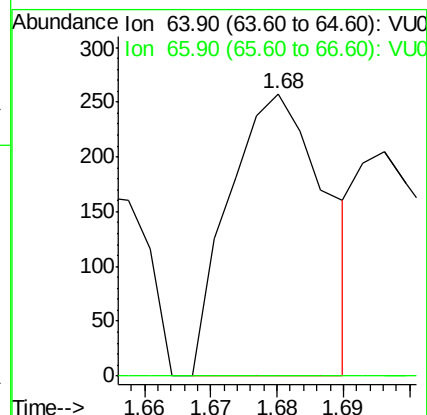
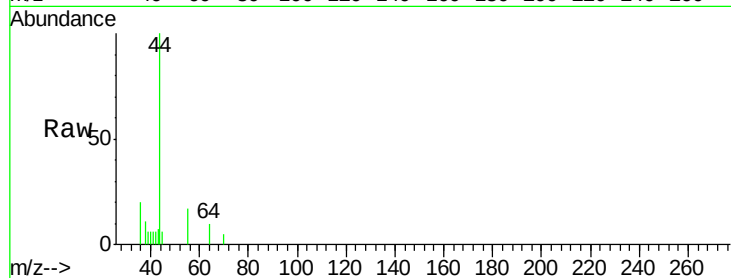
WP021MW472-180628

Tot Ion: 64 Resp: 262

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#10

Methyl Iodide

Concen: 5.33 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

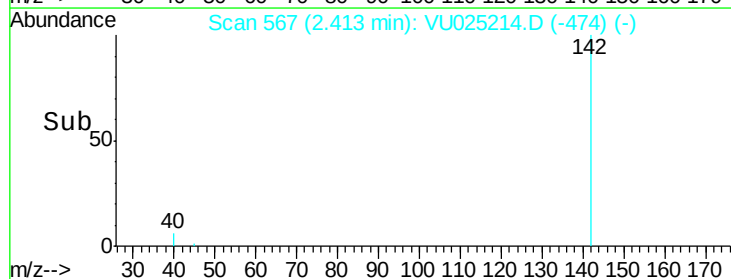
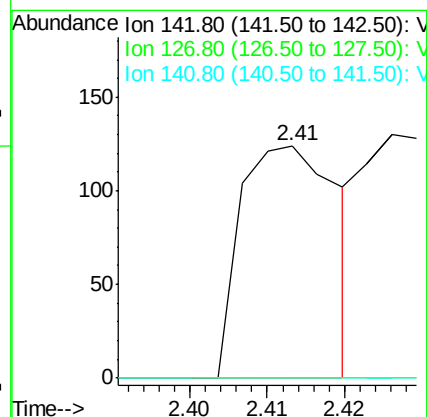
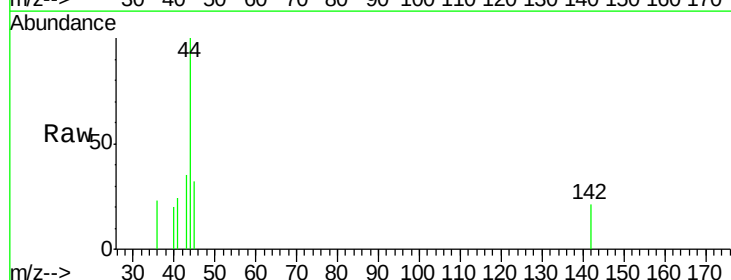
Tgt Ion: 142 Resp: 108

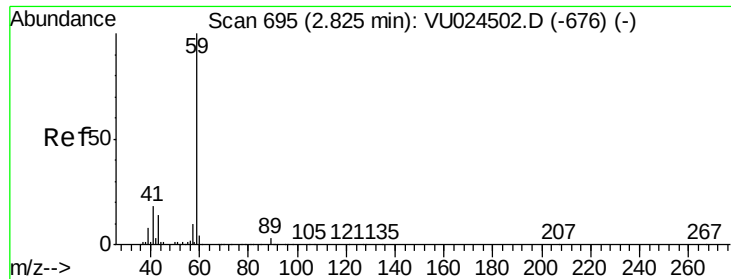
Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#

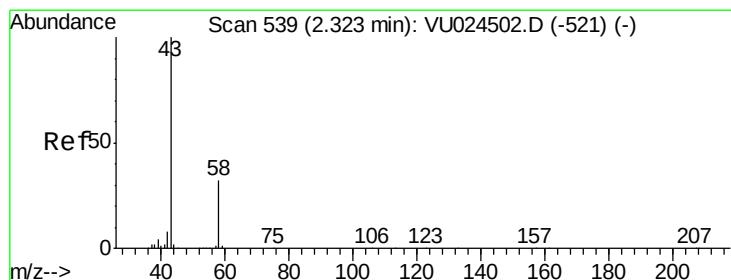
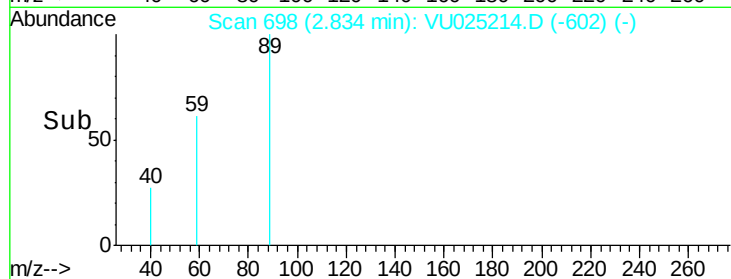
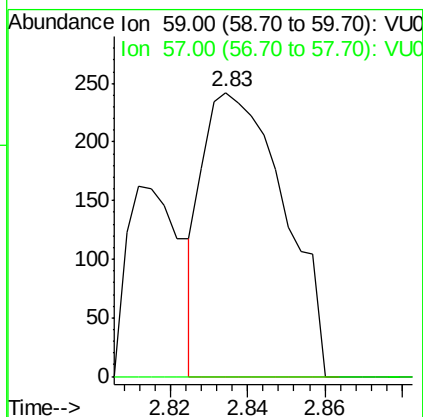
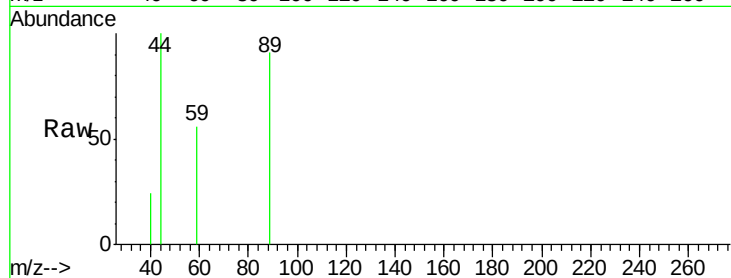




#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

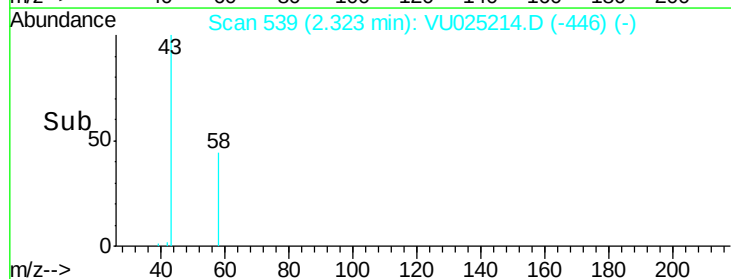
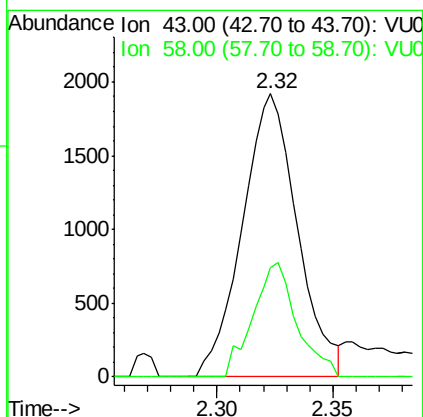
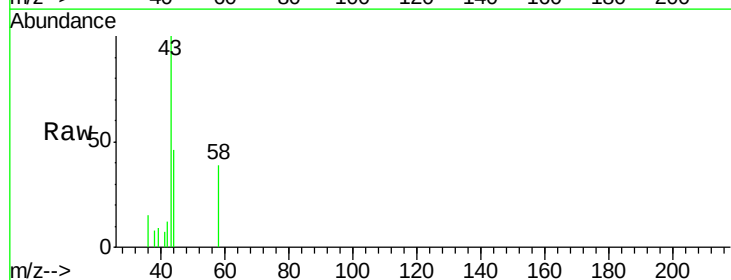
Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

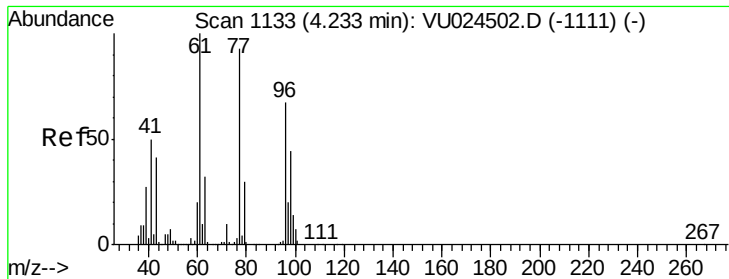
Tot Ion: 59 Resp: 353
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.72 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

Tgt Ion: 43 Resp: 3169
Ion Ratio Lower Upper
43 100
58 38.8 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 24.83 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

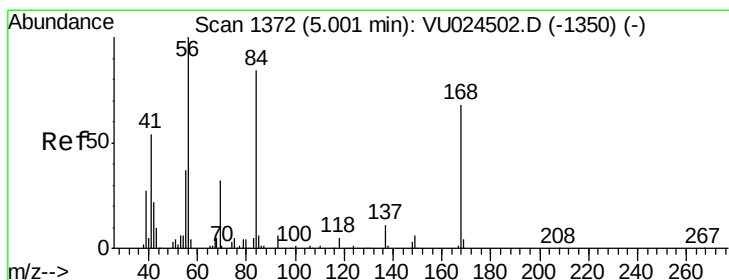
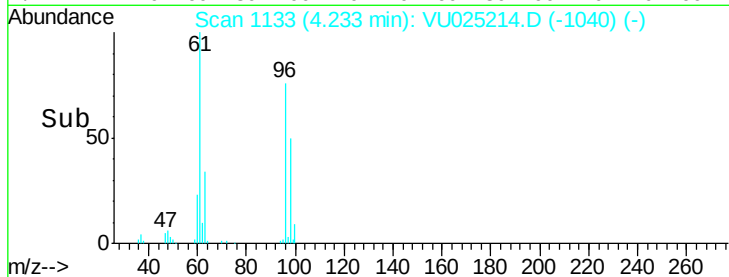
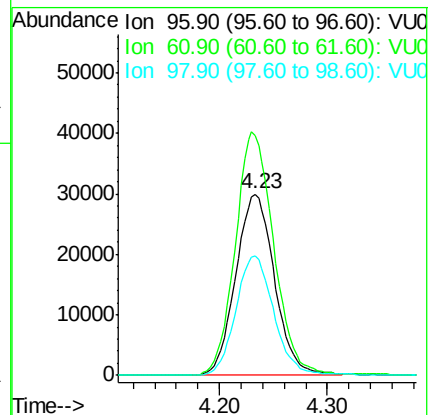
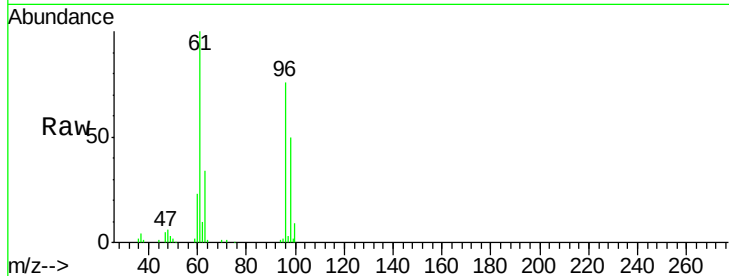
Tot Ion: 96 Resp: 75112

Ion Ratio Lower Upper

96 100

61 132.8 0.0 306.6

98 64.0 0.0 128.8



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

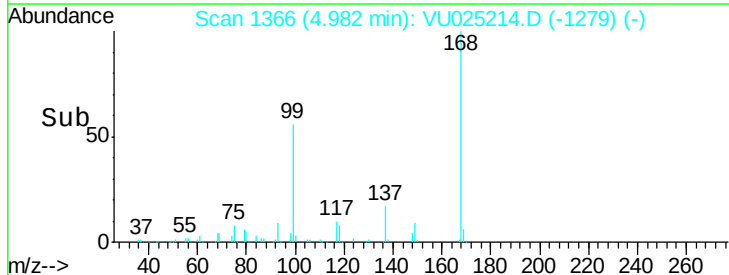
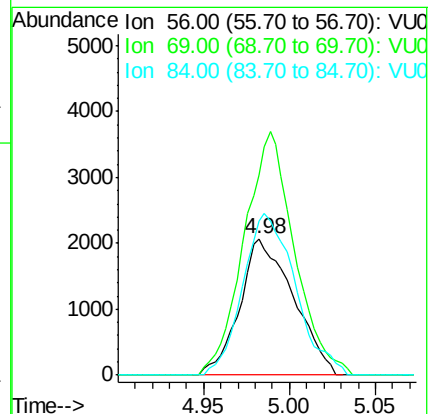
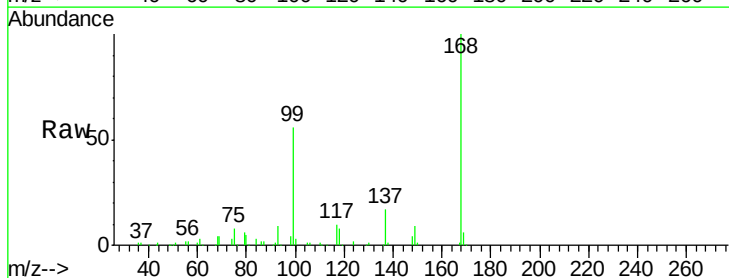
Tgt Ion: 56 Resp: 4474

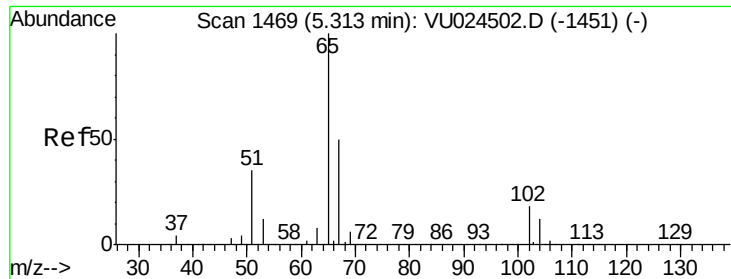
Ion Ratio Lower Upper

56 100

69 146.5 24.8 37.2#

84 113.0 65.2 97.8#

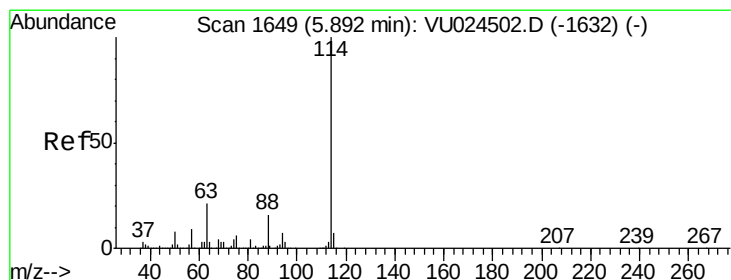
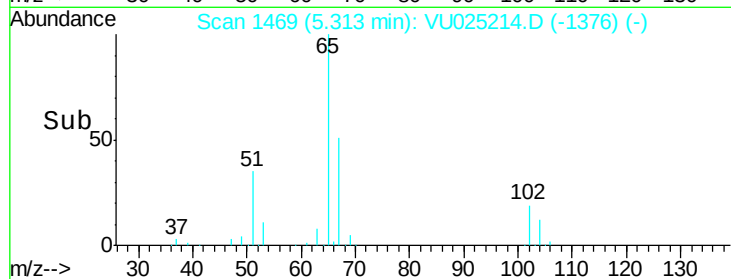
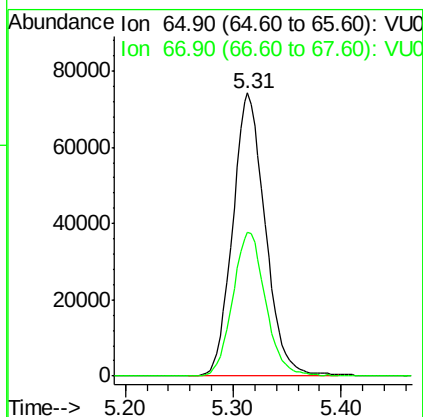
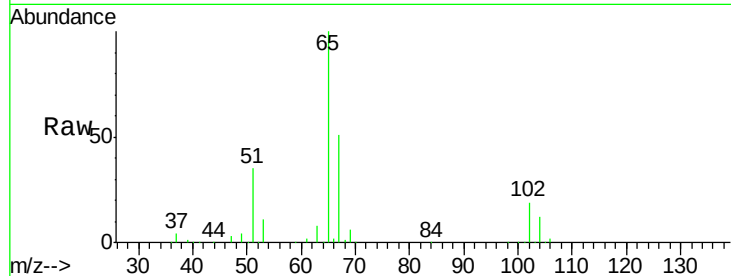




#33
 1,2-Dichloroethane-d4
 Concen: 45.51 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

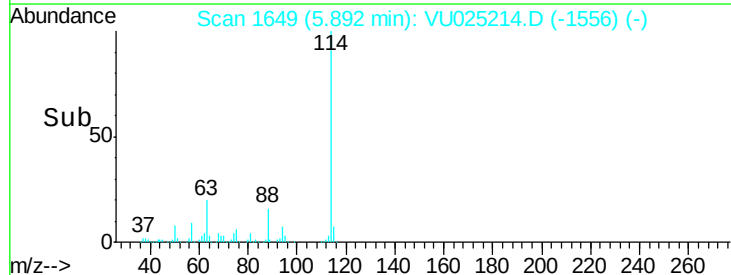
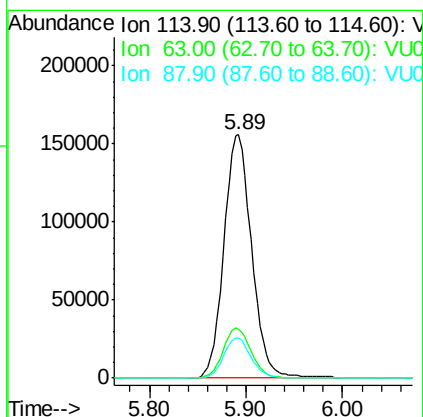
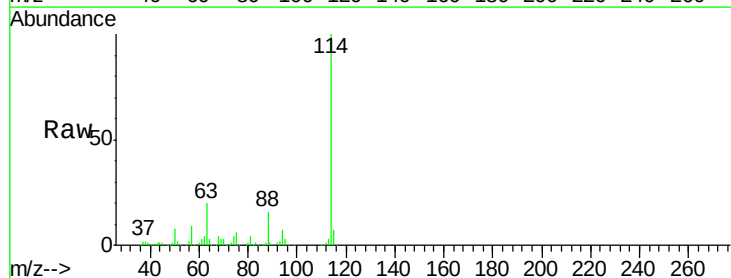
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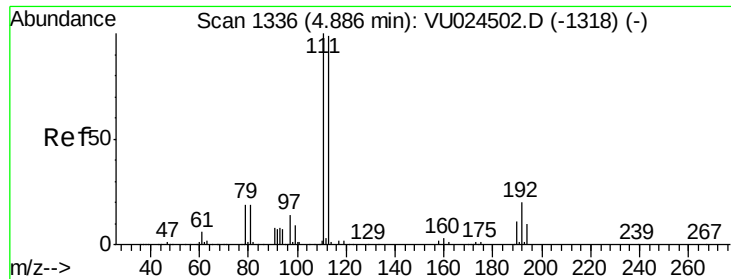
Tot Ion: 65 Resp: 155908
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

Tgt Ion: 114 Resp: 310111
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.4
 88 16.2 0.0 31.0

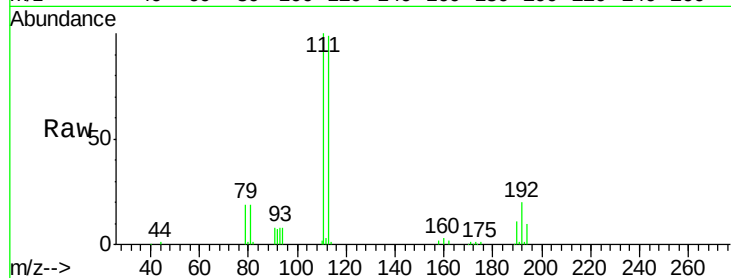




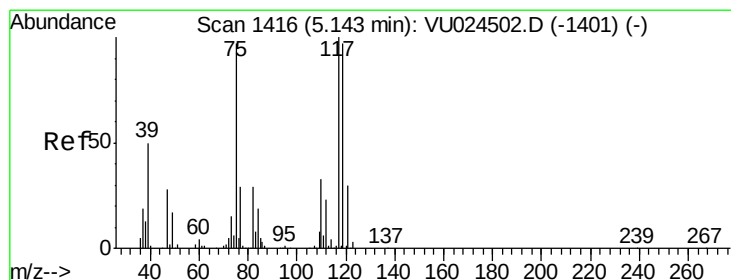
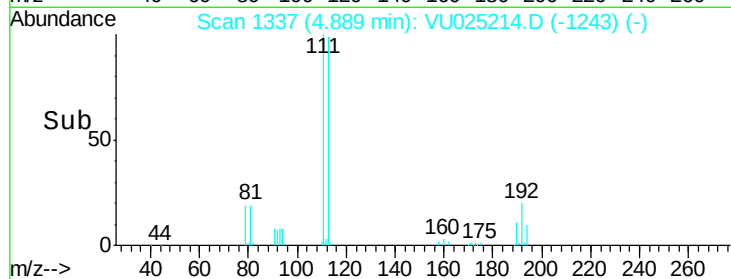
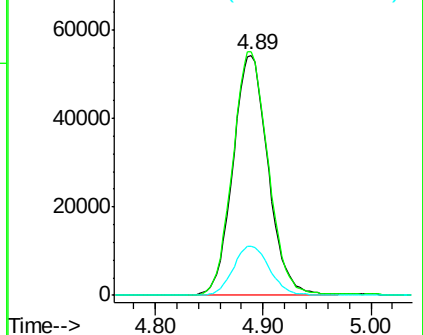
#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	21.1	16.2	24.4

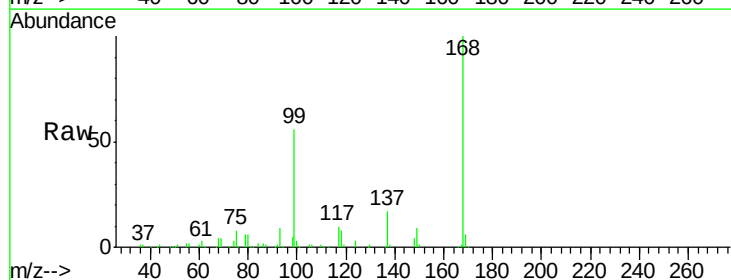


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

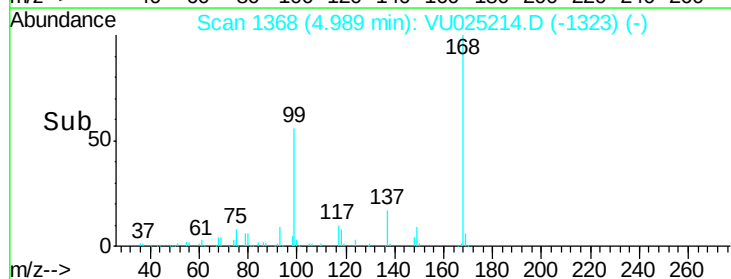
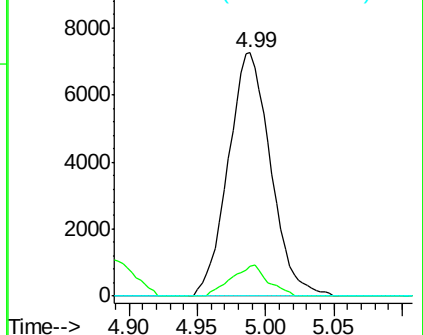


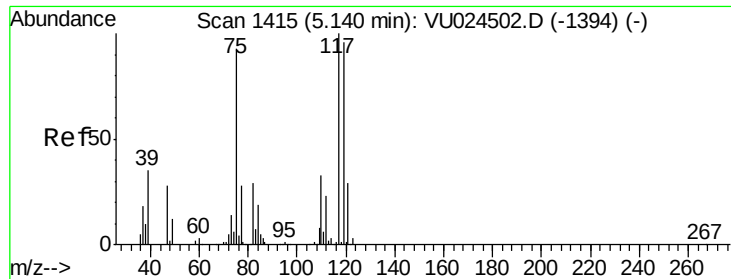
#36
 1,1-Dichloropropene
 Concen: 4.30 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.0	50.9#
77	0.0	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.96 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

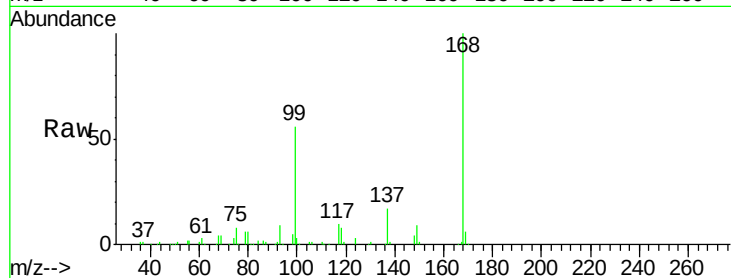
Tot Ion:117 Resp: 19879

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

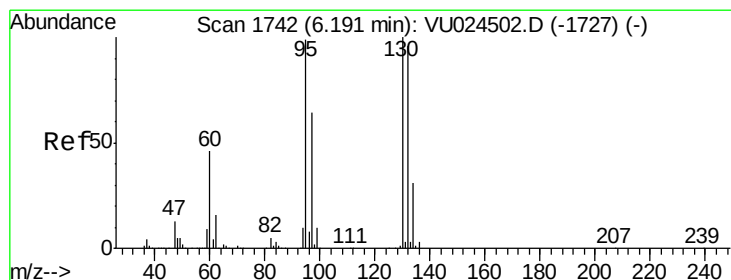
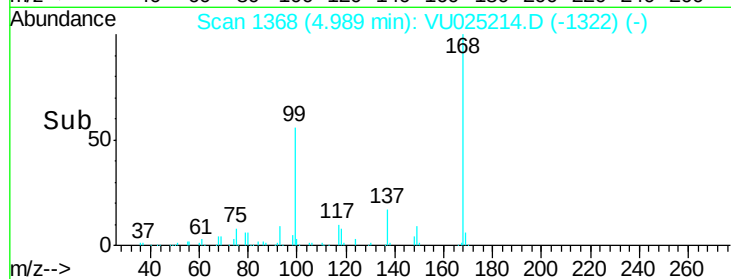
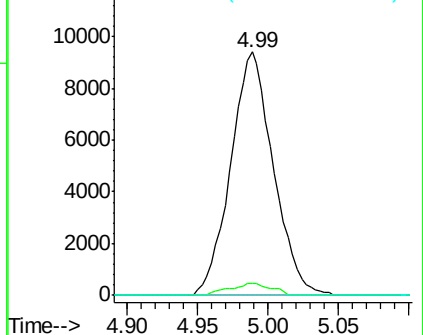
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 34.96 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025214.D

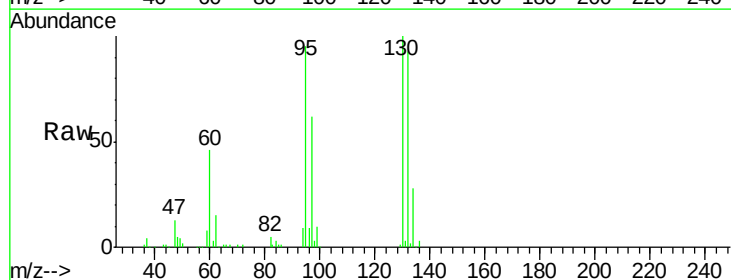
Acq: 05 Jul 2018 14:36

Tgt Ion:130 Resp: 103318

Ion Ratio Lower Upper

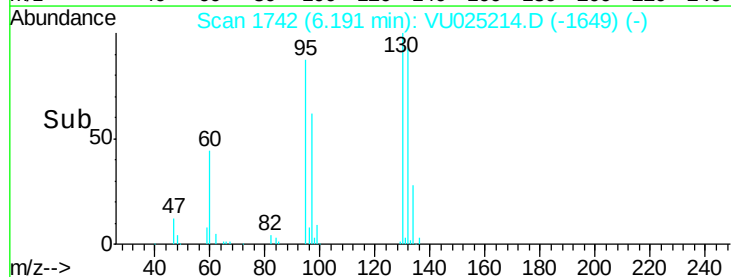
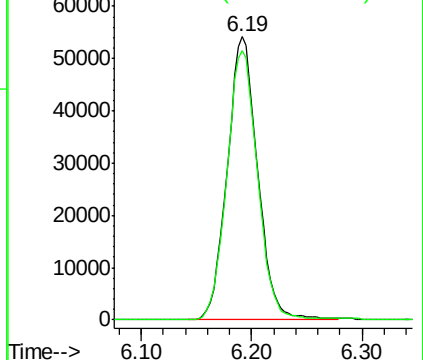
130 100

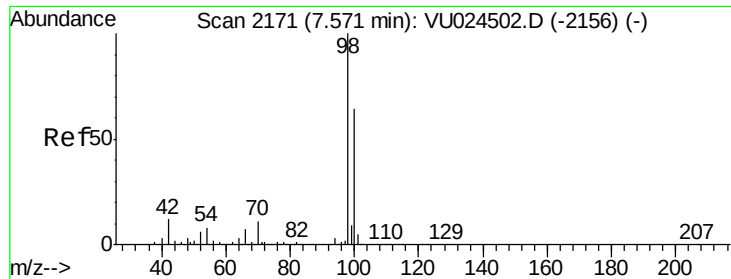
95 95.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

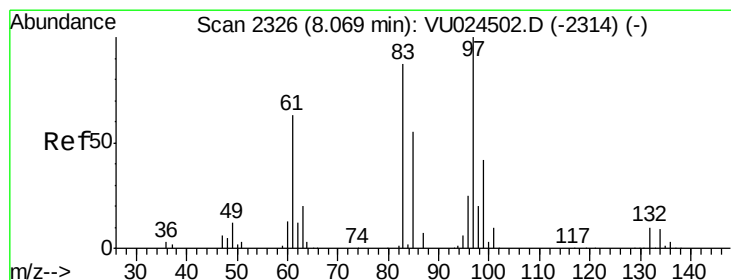
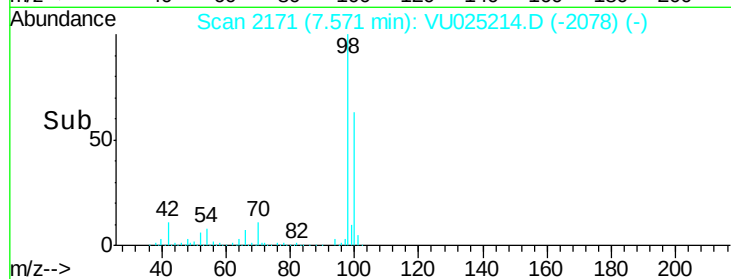
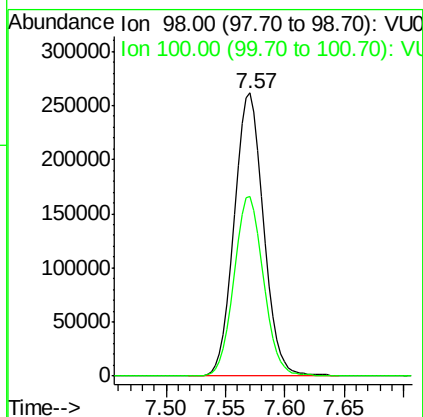
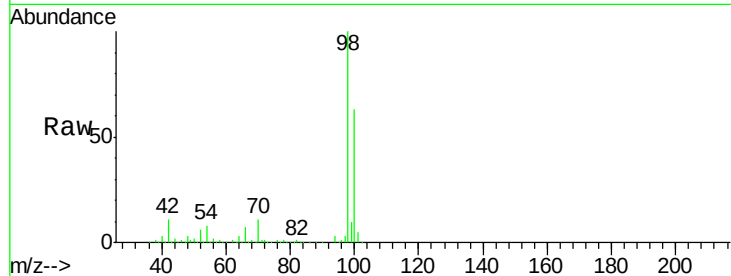




#50
Toluene-d8
Concen: 47.78 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

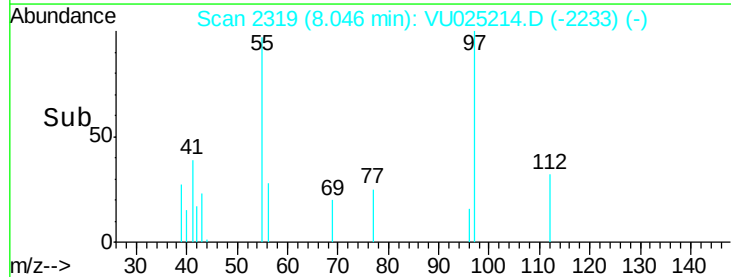
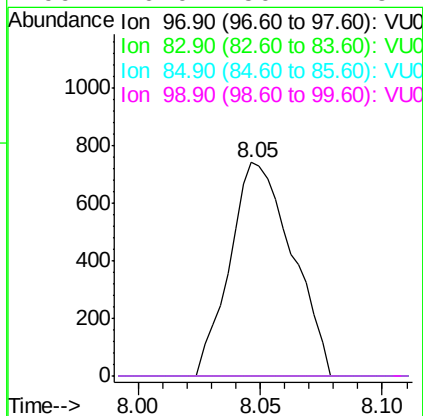
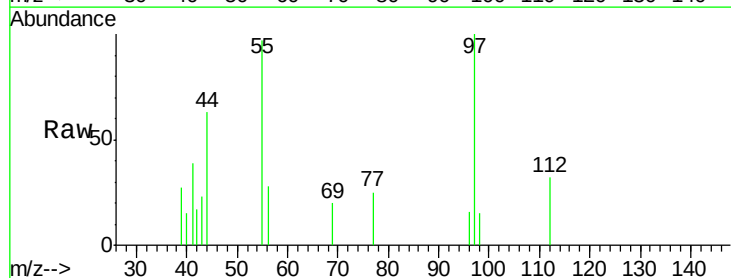
Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

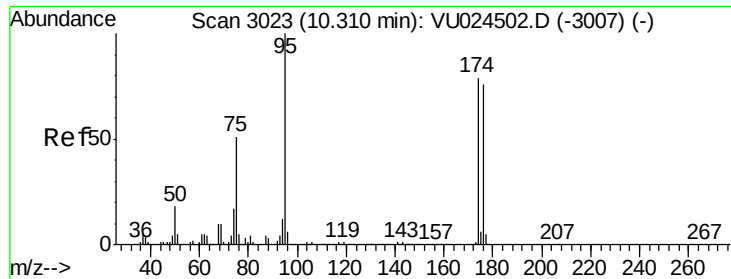
Tot Ion: 98 Resp: 448578
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#55
1,1,2-Trichloroethane
Concen: 0.48 ug/l
RT: 8.05 min Scan# 2319
Delta R.T. -0.02 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

Tgt Ion: 97 Resp: 1314
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 0.0 46.4 69.6#
99 0.0 50.2 75.2#





#62

4-Bromofluorobenzene

Concen: 44.28 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

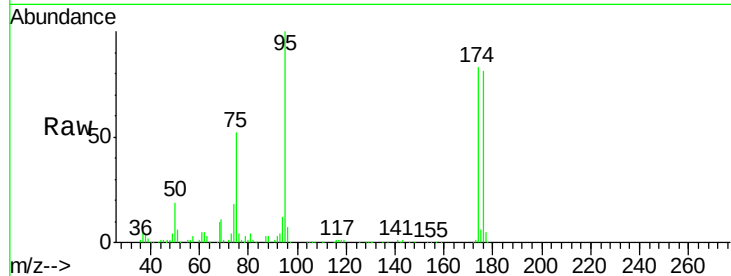
Tot Ion: 95 Resp: 165036

Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

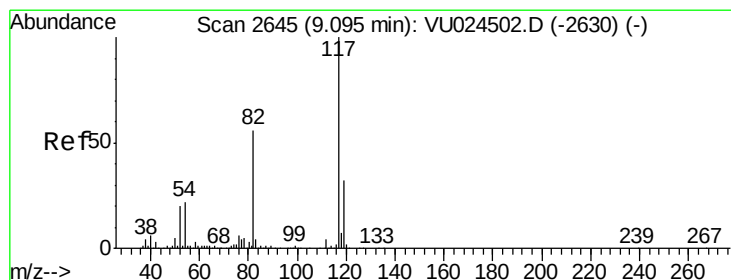
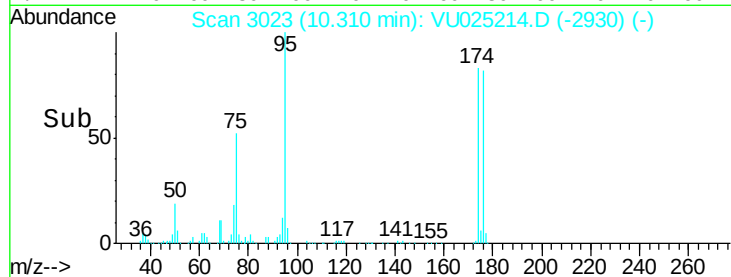
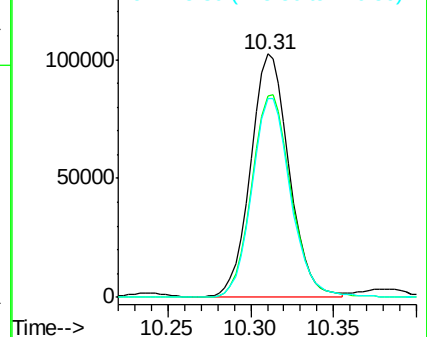
176 82.6 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025214.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025214.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025214.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

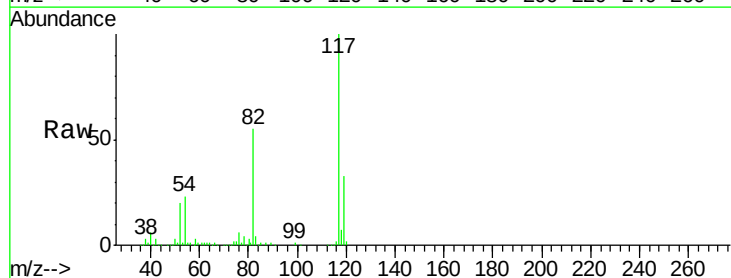
Tgt Ion: 117 Resp: 287520

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

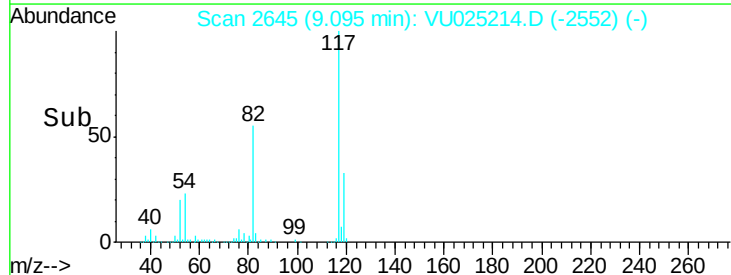
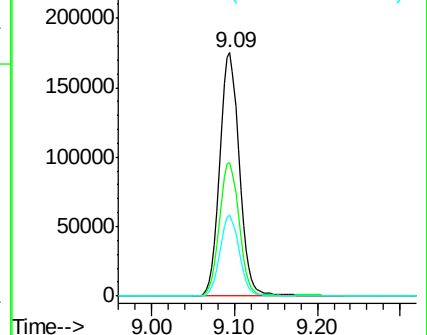
119 33.2 25.4 38.2

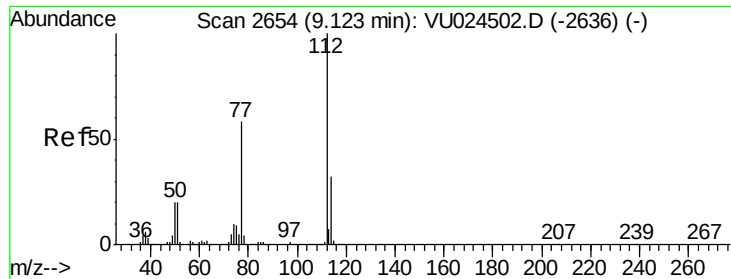


Abundance Ion 116.90 (116.60 to 117.60): VU025214.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025214.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025214.D (-2552) (-)





#65

Chlorobenzene

Concen: 3.11 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

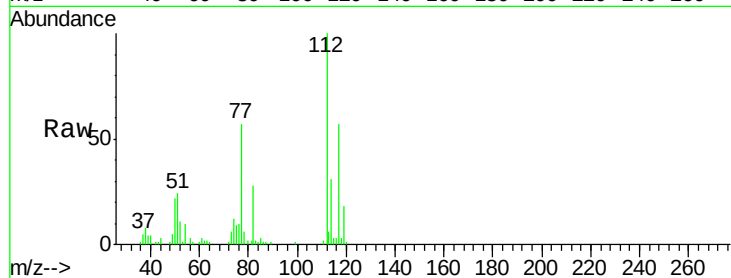
WP021MW472-180628

Tot Ion:112 Resp: 22826

Ion Ratio Lower Upper

112 100

114 30.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

15000

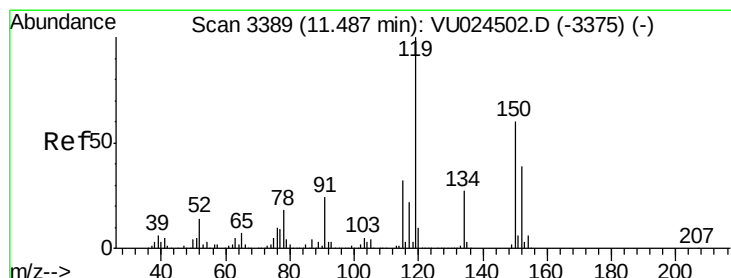
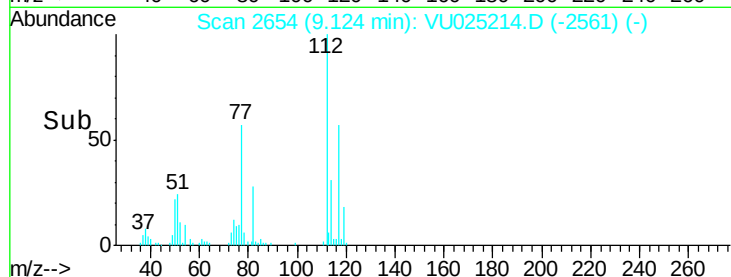
10000

5000

0

Time-->

9.05 9.10 9.15 9.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

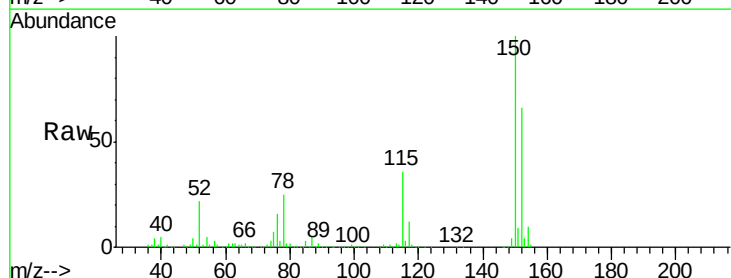
Tgt Ion:152 Resp: 153401

Ion Ratio Lower Upper

152 100

115 56.6 43.0 129.0

150 155.7 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

200000

150000

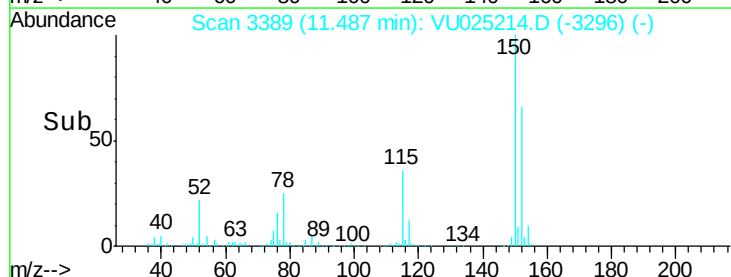
100000

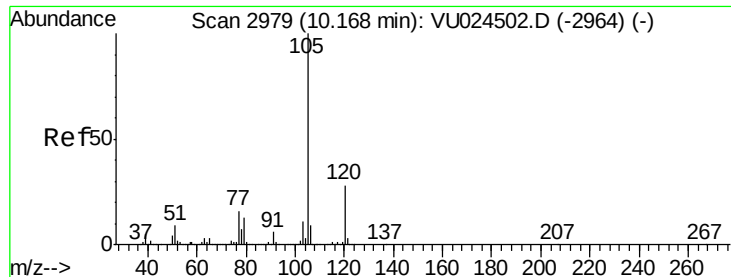
50000

0

Time-->

11.40 11.50





#73

Isopropylbenzene

Concen: 1.19 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

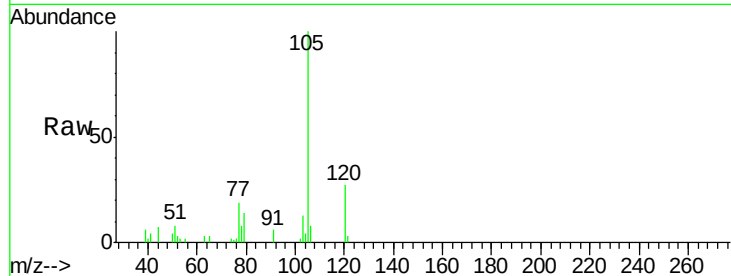
WP021MW472-180628

Tot Ion:105 Resp: 14014

Ion Ratio Lower Upper

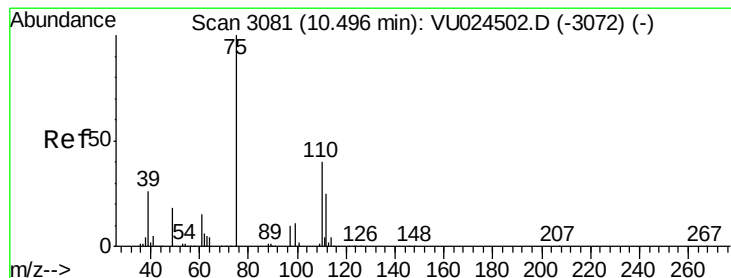
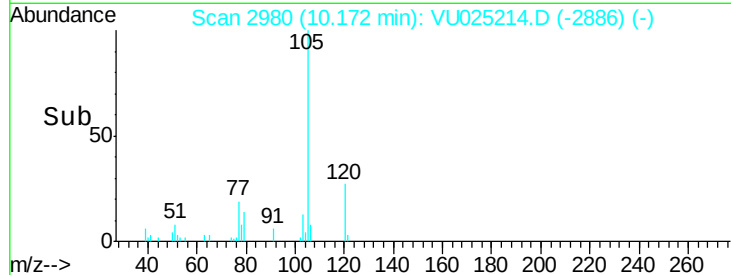
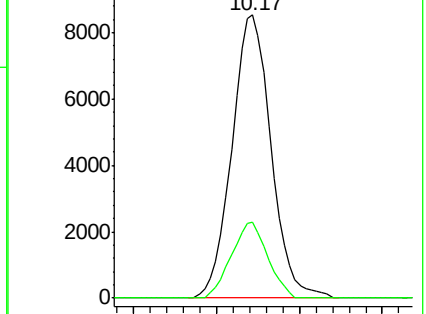
105 100

120 24.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.50 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025214.D

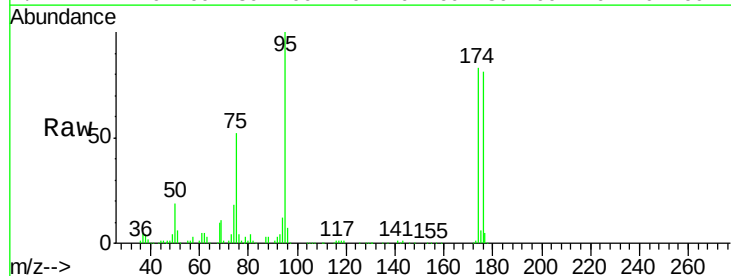
Acq: 05 Jul 2018 14:36

Tgt Ion: 75 Resp: 86130

Ion Ratio Lower Upper

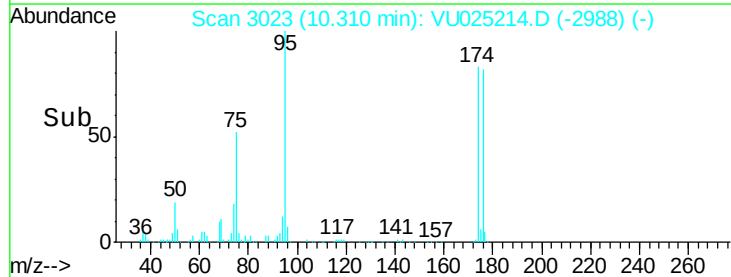
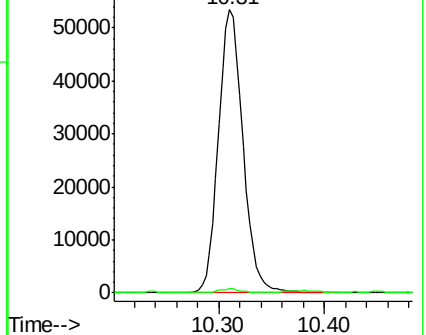
75 100

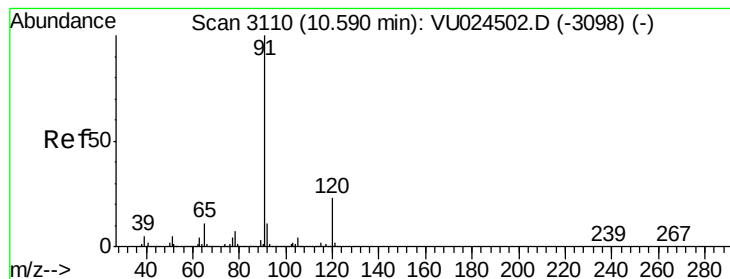
77 1.3 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 1.52 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

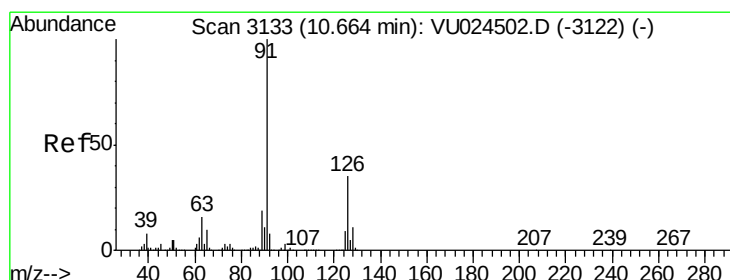
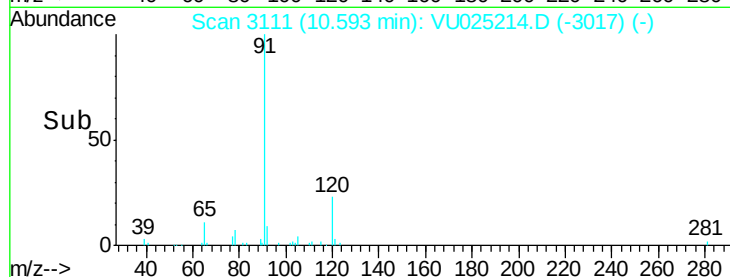
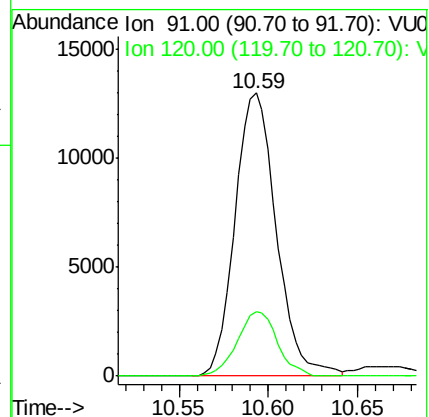
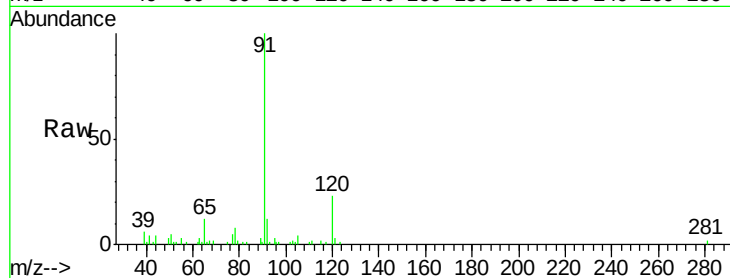
WP021MW472-180628

Tot Ion: 91 Resp: 21045

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5



#79

2-Chlorotoluene

Concen: 2.57 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.07 min

Lab File: VU025214.D

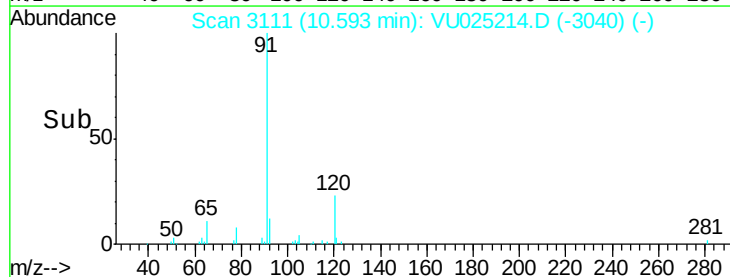
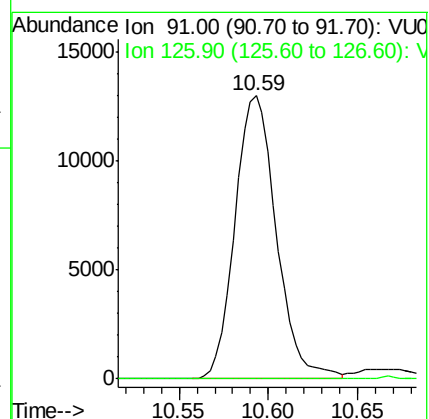
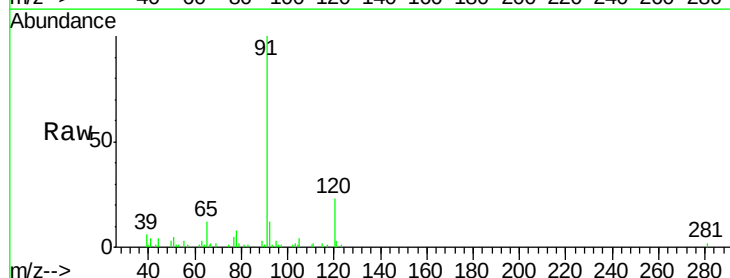
Acq: 05 Jul 2018 14:36

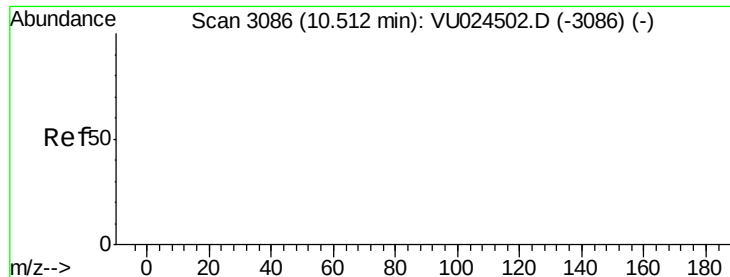
Tgt Ion: 91 Resp: 21045

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

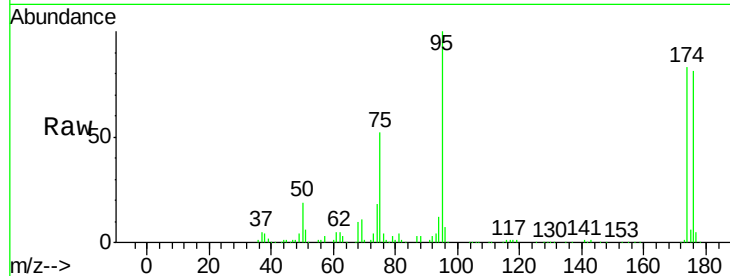




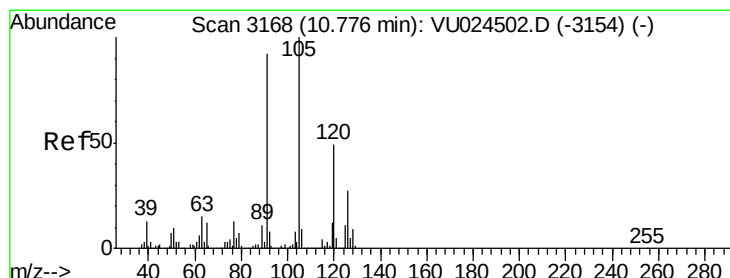
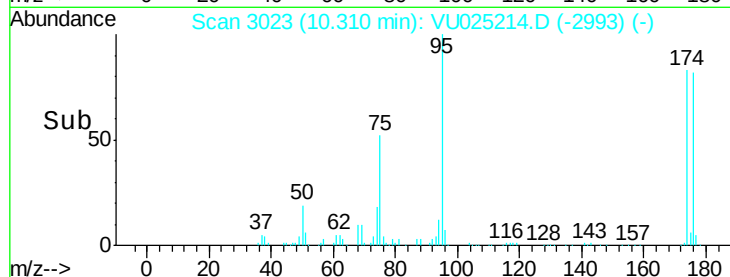
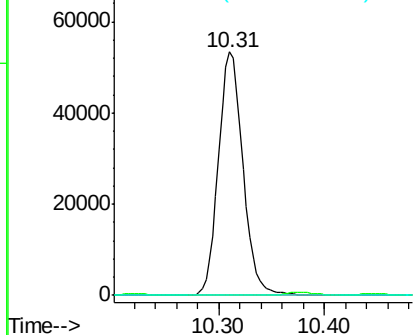
#81
trans-1,4-Dichloro-2-butene
Concen: 59.02 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

Tot Ion: 75 Resp: 86130
Ion Ratio Lower Upper
75 100
53 0.2 0.0 0.0#
89 0.0 0.0 0.0

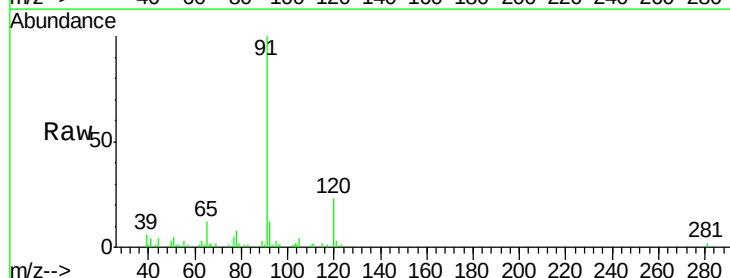


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

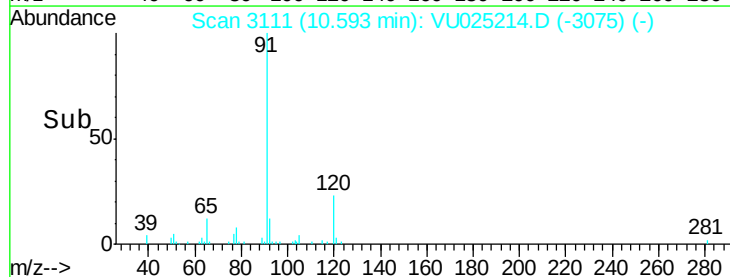
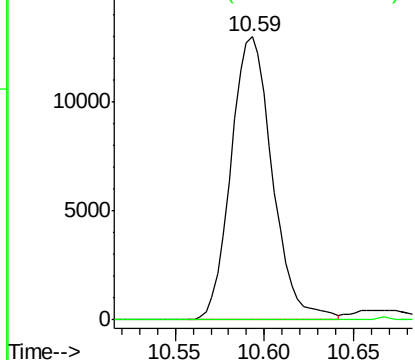


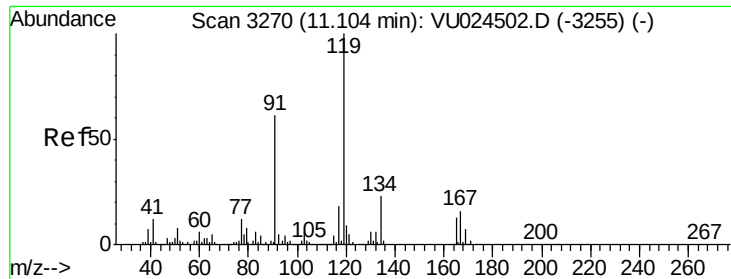
#82
4-Chlorotoluene
Concen: 2.21 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. -0.18 min
Lab File: VU025214.D
Acq: 05 Jul 2018 14:36

Tgt Ion: 91 Resp: 21045
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

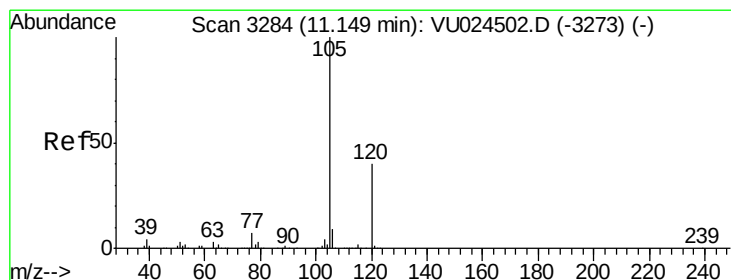
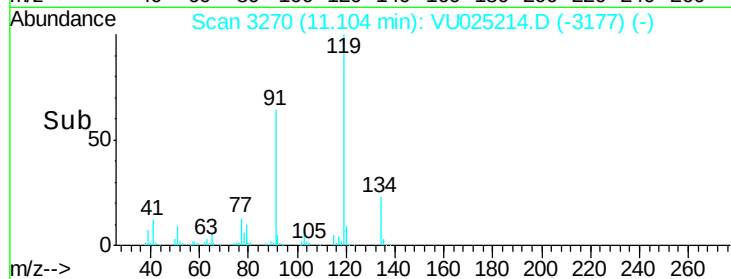
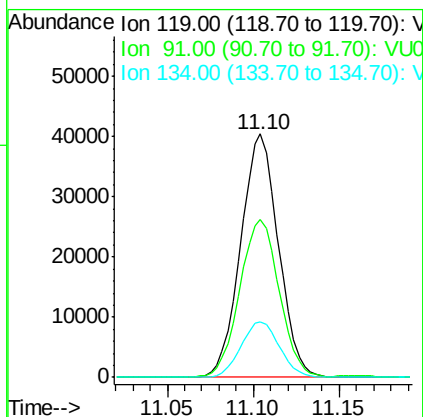
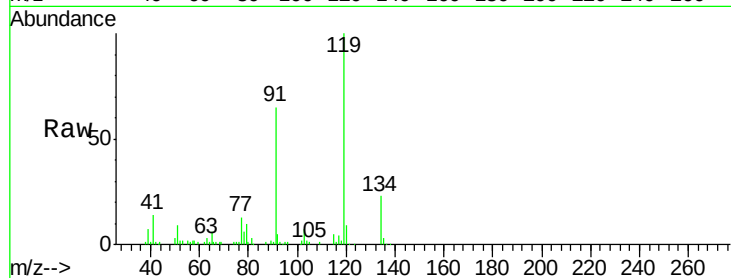




#83
 tert-Butylbenzene
 Concen: 6.27 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

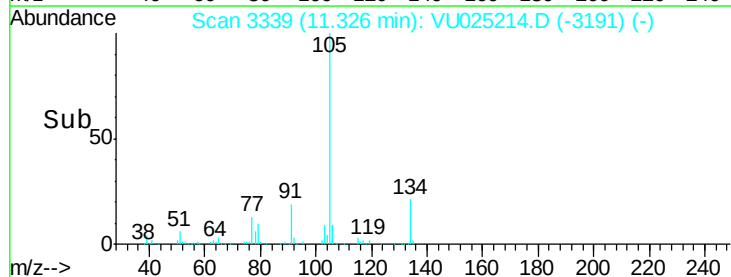
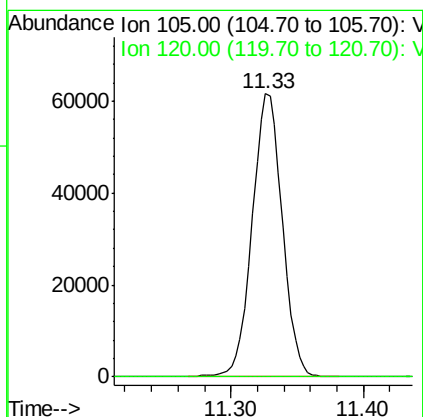
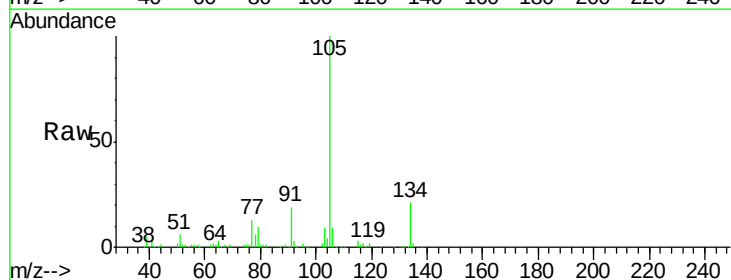
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

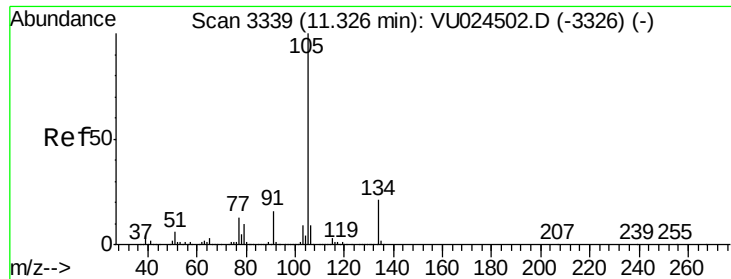
Tot Ion:119 Resp: 61608
 Ion Ratio Lower Upper
 119 100
 91 68.0 29.7 89.1
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 9.34 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.18 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

Tgt Ion:105 Resp: 97120
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.8#





#85

sec-Butylbenzene

Concen: 7.90 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

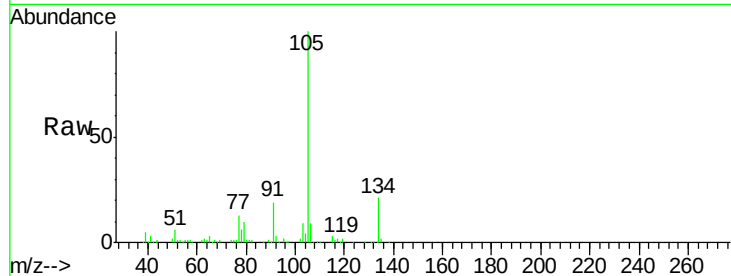
WP021MW472-180628

Tot Ion:105 Resp: 97120

Ion Ratio Lower Upper

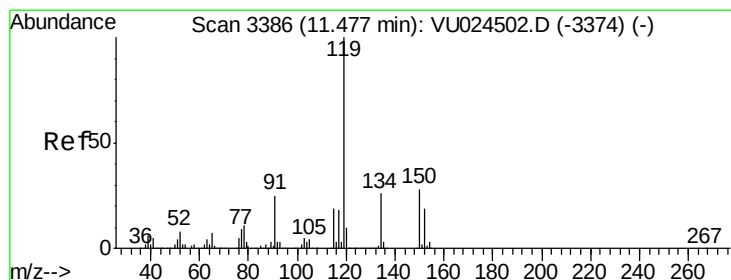
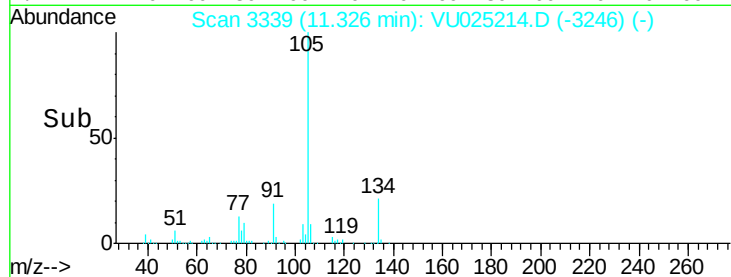
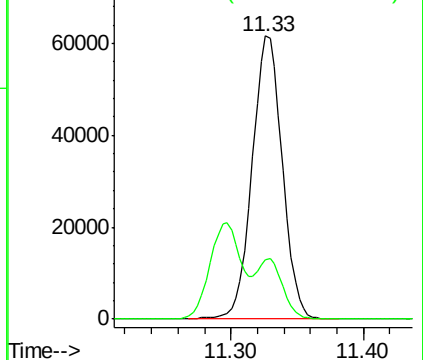
105 100

134 17.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.58 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

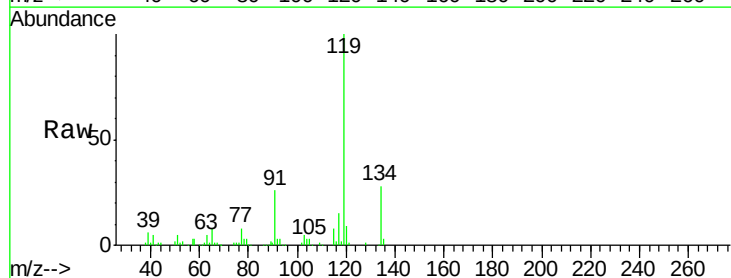
Tgt Ion:119 Resp: 72438

Ion Ratio Lower Upper

119 100

134 28.4 12.9 38.6

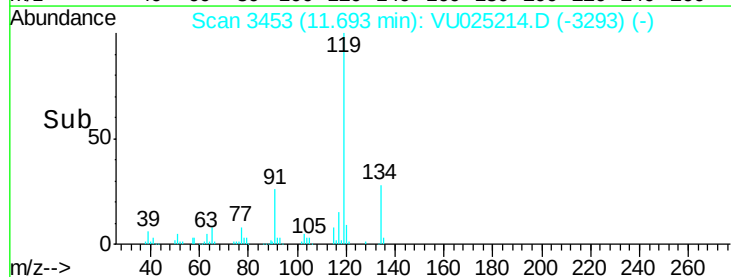
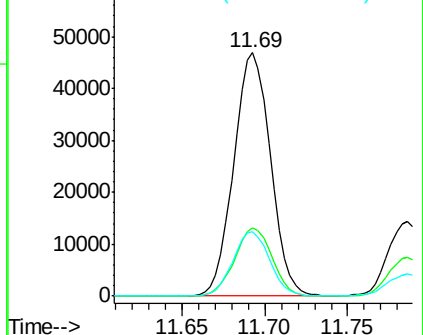
91 26.3 12.0 36.1

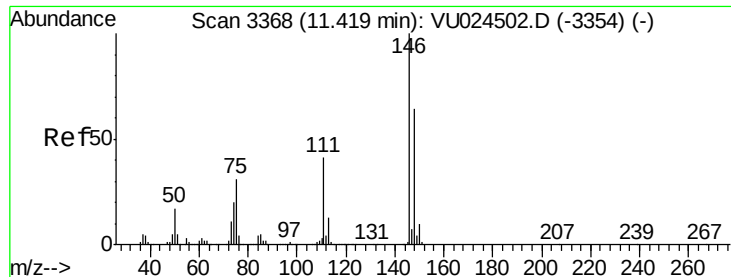


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

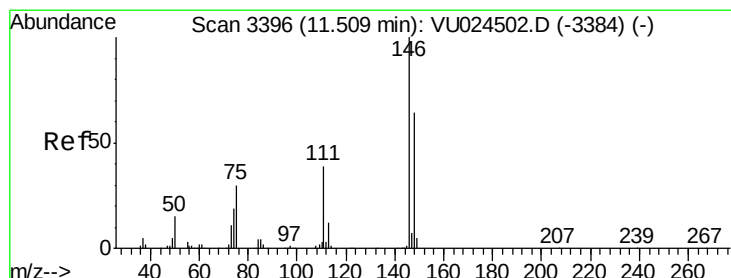
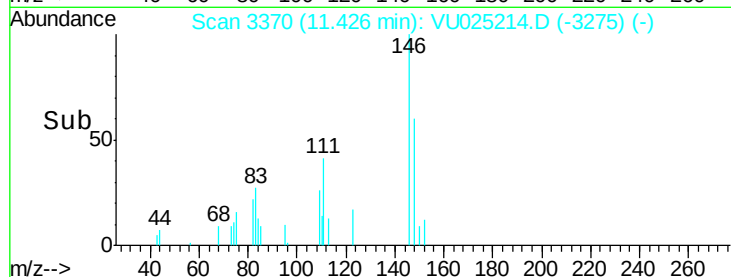
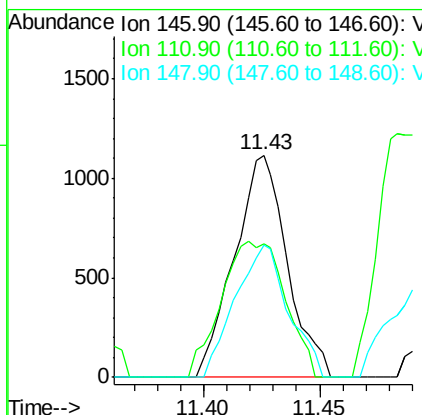
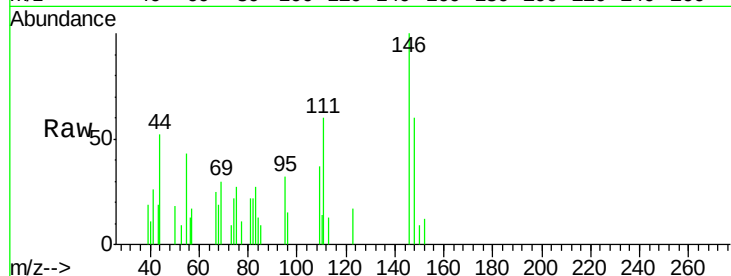




#87
 1,3-Dichlorobenzene
 Concen: 0.32 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

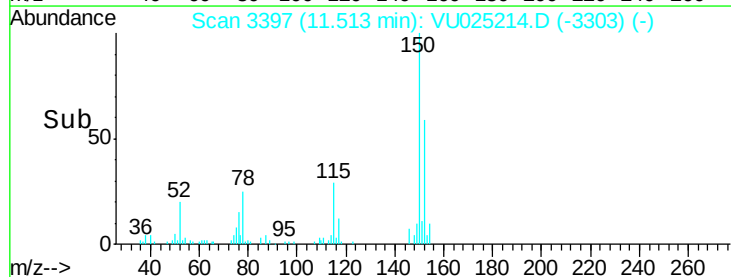
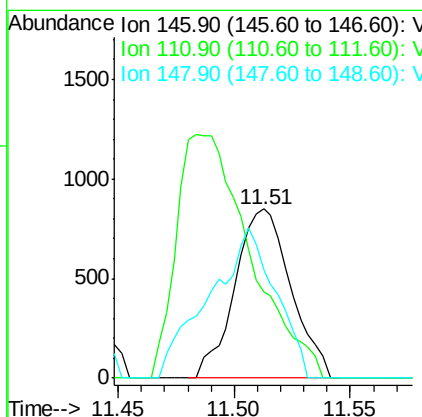
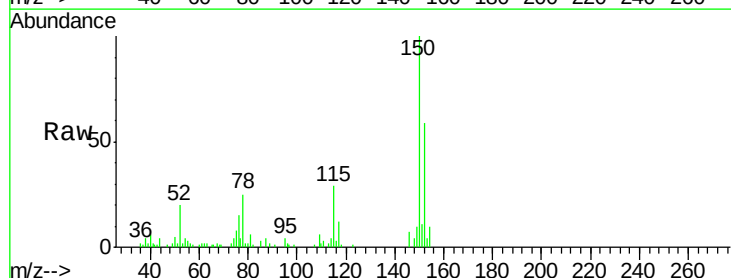
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

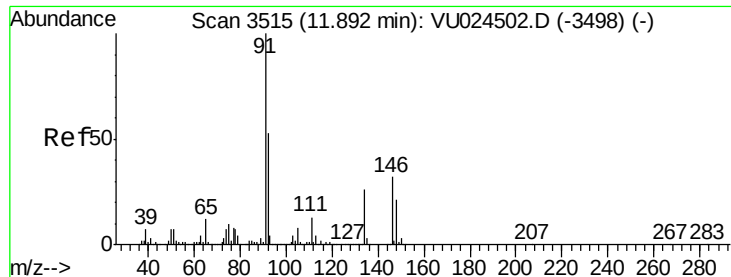
Tot Ion:146 Resp: 1764
 Ion Ratio Lower Upper
 146 100
 111 74.0 20.0 60.0#
 148 59.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025214.D
 Acq: 05 Jul 2018 14:36

Tgt Ion:146 Resp: 1427
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.5 58.5#
 148 104.1 32.4 97.0#





#89

n-Butylbenzene

Concen: 1.20 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

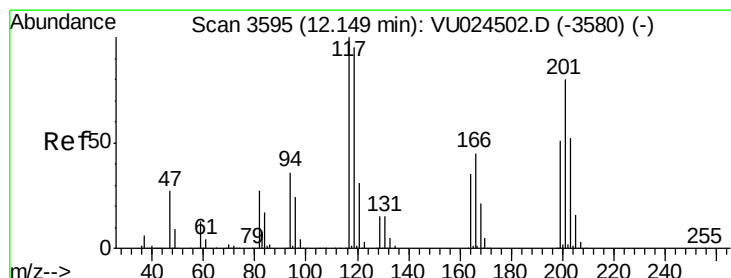
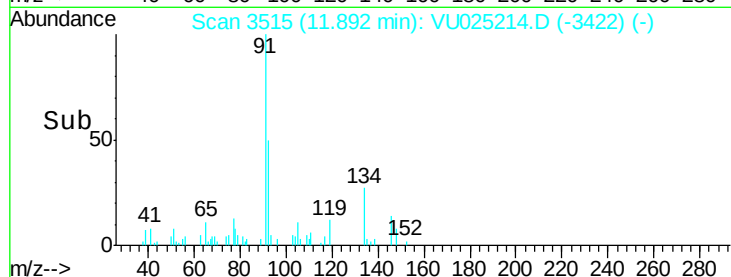
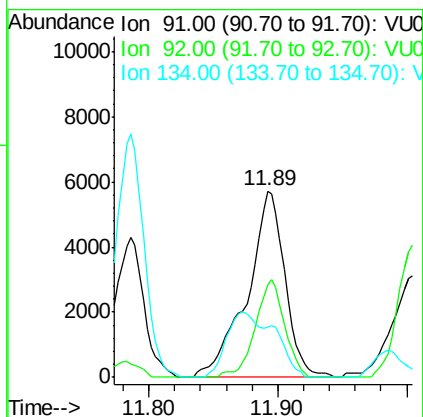
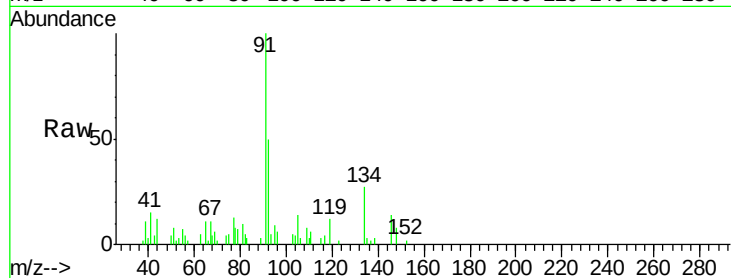
Tot Ion: 91 Resp: 11689

Ion Ratio Lower Upper

91 100

92 40.7 25.6 76.8

134 0.0 12.3 36.8#



#90

Hexachloroethane

Concen: 4.05 ug/l

RT: 12.25 min Scan# 3627

Delta R.T. 0.10 min

Lab File: VU025214.D

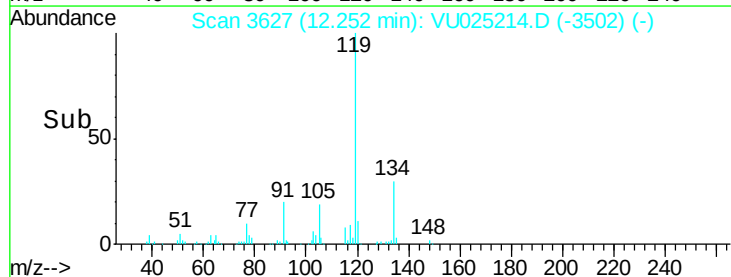
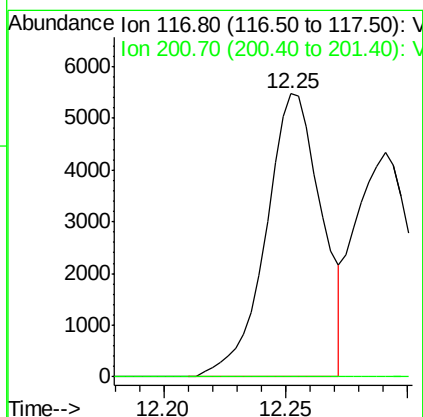
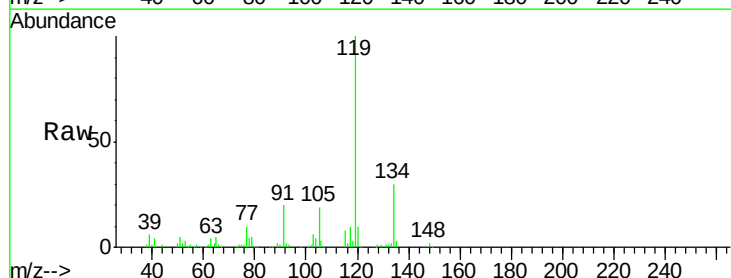
Acq: 05 Jul 2018 14:36

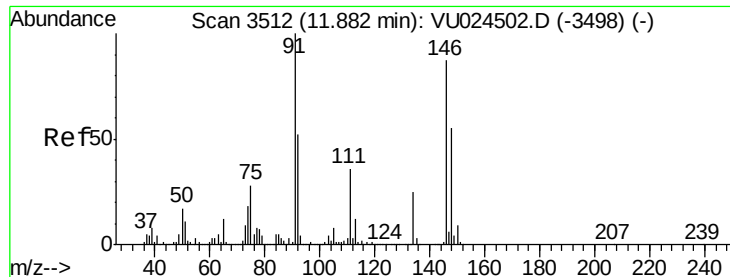
Tgt Ion: 117 Resp: 8700

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#





#91

1,2-Dichlorobenzene

Concen: 0.25 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. 0.01 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

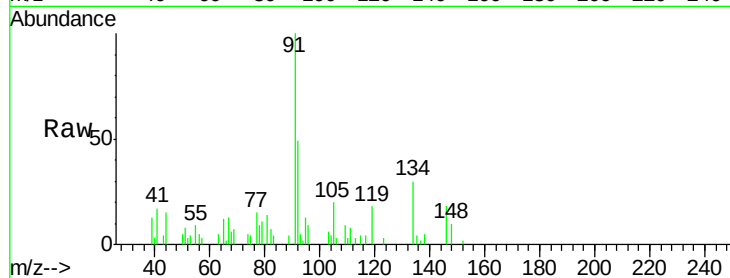
Tot Ion:146 Resp: 1366

Ion Ratio Lower Upper

146 100

111 56.1 20.5 61.6

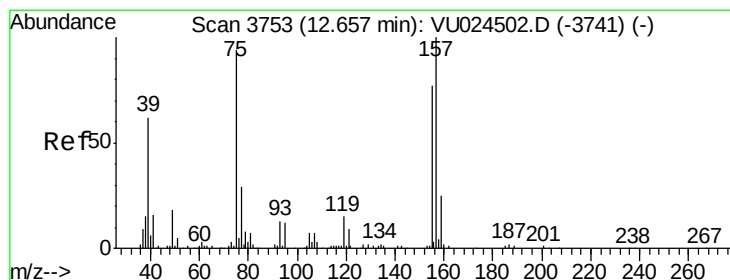
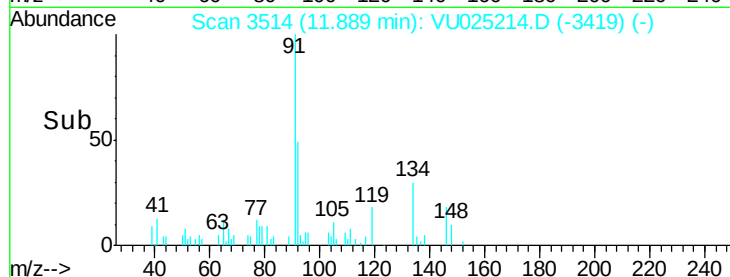
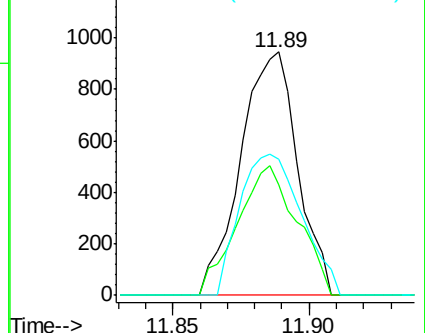
148 63.6 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.42 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

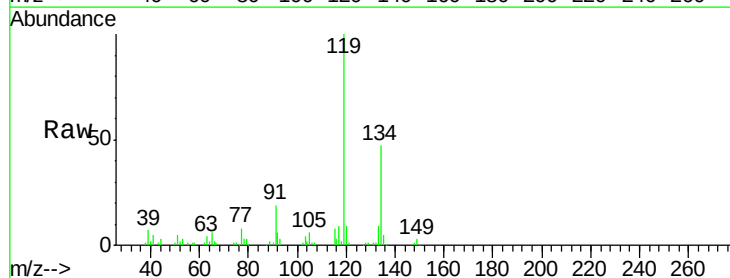
Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

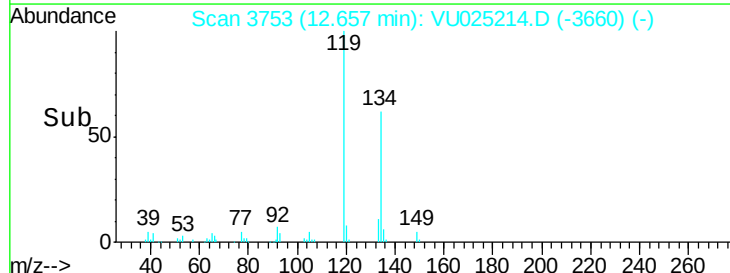
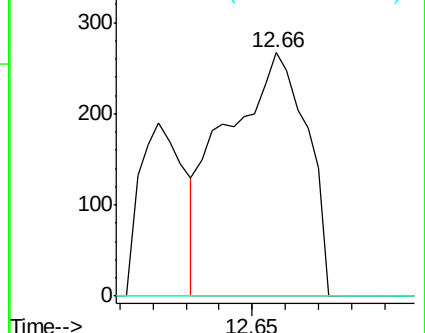
157 0.0 52.3 156.8#

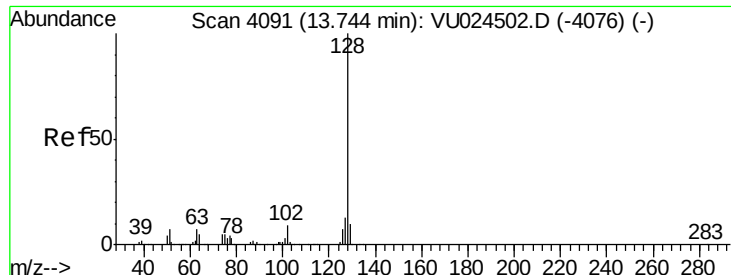


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.33 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

Lab File: VU025214.D

Acq: 05 Jul 2018 14:36

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

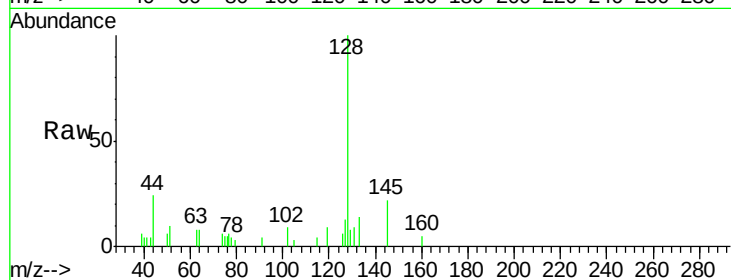
Tot Ion:128 Resp: 7498

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 17.4 8.6 12.8#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

