

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025052.D
 Acq On : 29 Jun 2018 04:48
 Operator : MD/SY
 Sample : J3671-15ME
 Misc : 5.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

Quant Time: Jun 29 08:40:01 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	4.98	168	234296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	350418	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	349864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	216833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	176546	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	4.89	113	135262	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	7.57	98	516205	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.32	95	222730	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	892	0.298 ug/l	99
4) Vinyl Chloride	1.40	62	2676	0.866 ug/l	91
5) Bromomethane	1.61	94	908	0.608 ug/l	85
6) Chloroethane	1.71	64	30	Below Cal	93
8) Diethyl Ether	1.96	74	42	Below Cal	# 1
10) Methyl Iodide	2.40	142	182	5.354 ug/l	# 86
11) Tert butyl alcohol	2.83	59	10505	11.293 ug/l	# 73
13) Acrolein	2.20	56	397	0.813 ug/l	# 13
18) Methyl Acetate	2.62	43	3097	0.703 ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	4269	1.264 ug/l	95
29) Tetrahydrofuran	4.65	42	492	0.288 ug/l	# 63
31) Cyclohexane	4.98	56	5532	Below Cal	# 14
36) 1,1-Dichloropropene	4.98	75	17905	4.348 ug/l	# 50
38) Carbon Tetrachloride	4.98	117	22528	4.975 ug/l	# 16
39) Methylcyclohexane	6.41	83	5604	1.091 ug/l	93
52) Toluene	7.64	92	8243	1.092 ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	1447	0.472 ug/l	# 24
59) 2-Hexanone	8.33	43	4028	1.012 ug/l	# 26
65) Chlorobenzene	9.13	112	905481	101.310 ug/l	99
67) Ethyl Benzene	9.26	91	17552	1.120 ug/l	99
68) m/p-Xylenes	9.39	106	4423	0.735 ug/l	97
69) o-Xylene	9.79	106	7293	1.225 ug/l	97
73) Isopropylbenzene	10.17	105	21534	1.294 ug/l	97
74) N-aryl acetate	10.01	43	9631	1.216 ug/l	# 54
75) 1,1,2,2-Tetrachloroethane	10.46	83	3321	0.595 ug/l	# 18
76) 1,2,3-Trichloropropane	10.32	75	112471	23.560 ug/l	# 36
78) n-propylbenzene	10.59	91	65319	3.331 ug/l	98
79) 2-Chlorotoluene	10.69	91	4081	0.353 ug/l	# 45
80) 1,3,5-Trimethylbenzene	10.78	105	29393	2.037 ug/l	98
81) trans-1,4-Dichloro-2-buten	10.32	75	112471	54.527 ug/l	# 100
82) 4-Chlorotoluene	10.78	91	3599	0.267 ug/l	# 50
83) tert-Butylbenzene	11.10	119	27290	1.966 ug/l	94
84) 1,2,4-Trimethylbenzene	11.16	105	72008	4.897 ug/l	100
85) sec-Butylbenzene	11.33	105	74268	4.275 ug/l	100

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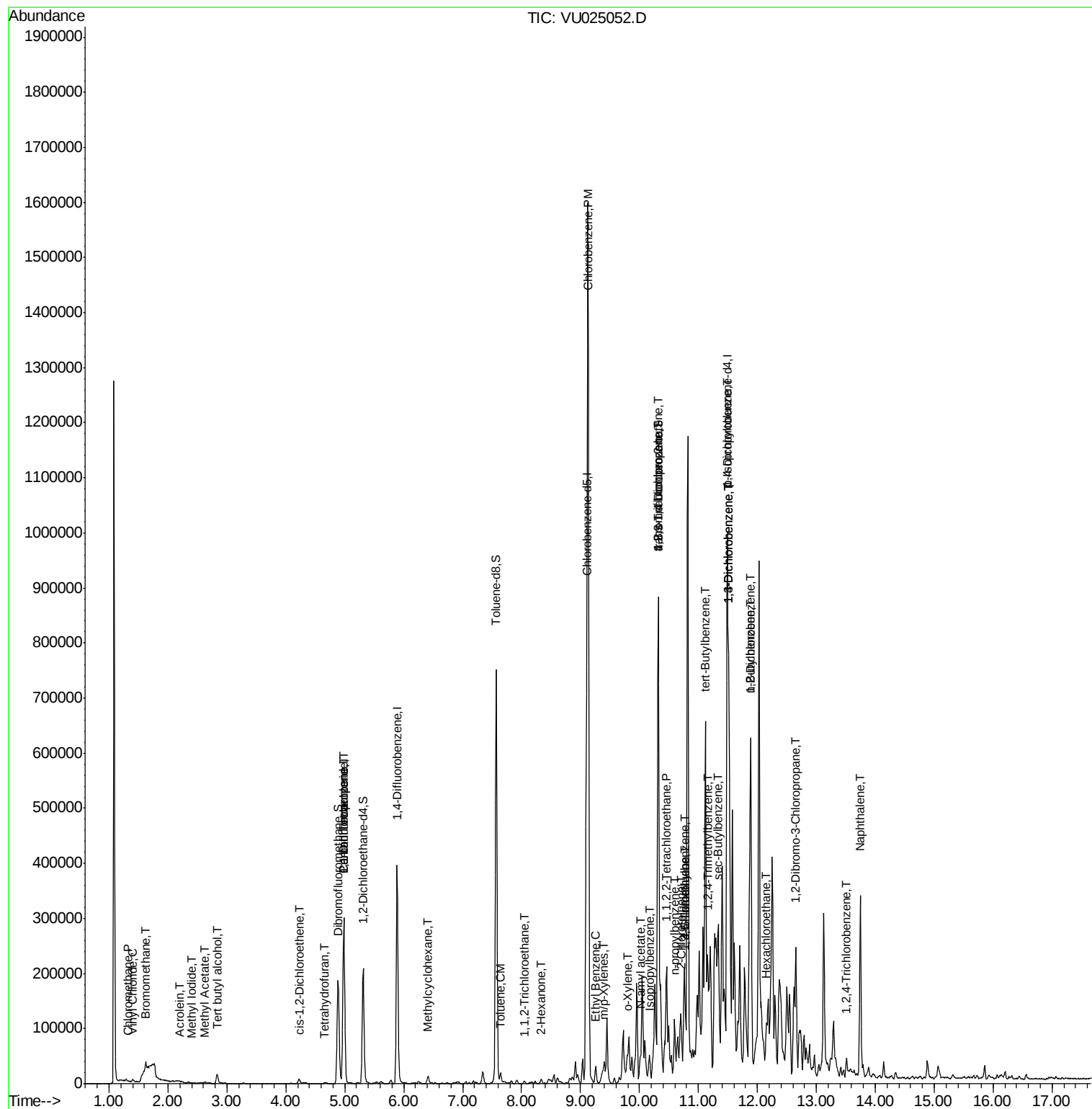
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	11.48	119	11389	0.732	ug/l	94
87) 1,3-Dichlorobenzene	11.51	146	239588	30.770	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	239588	30.571	ug/l	99
89) n-Butylbenzene	11.89	91	79670	5.767	ug/l #	77
90) Hexachloroethane	12.15	117	2741	0.903	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	153687	19.706	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	697	0.453	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.51	180	1632	0.339	ug/l #	71
95) Naphthalene	13.75	128	253843	16.384	ug/l	99

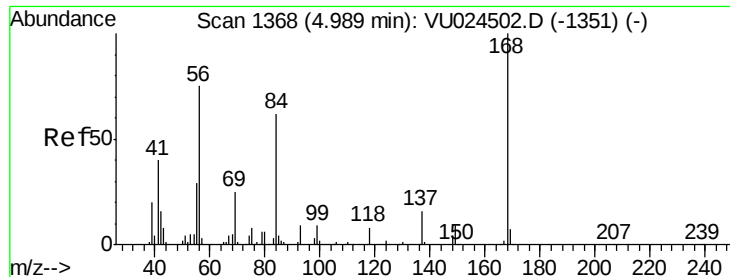
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

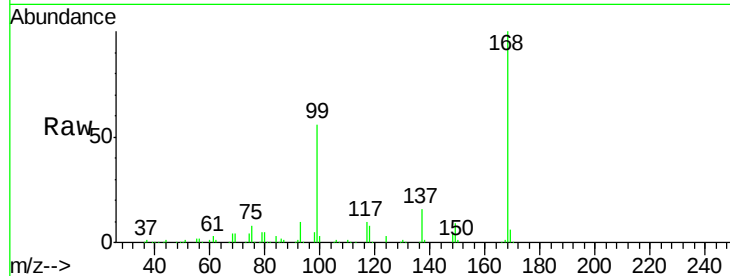
WP021SB481-11-13-180621ME

Tgt Ion:168 Resp: 234296

Ion Ratio Lower Upper

168 100

99 55.9 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.98

120000

100000

80000

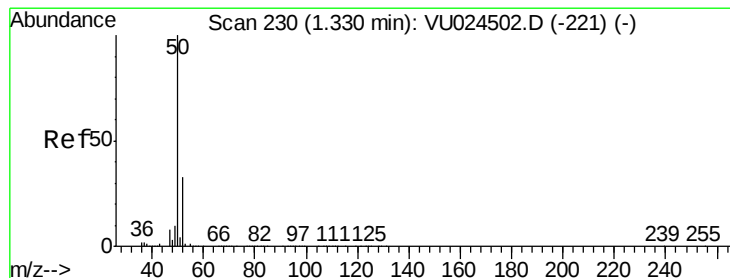
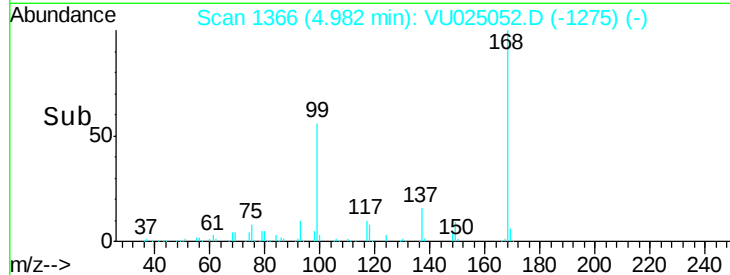
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.298 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025052.D

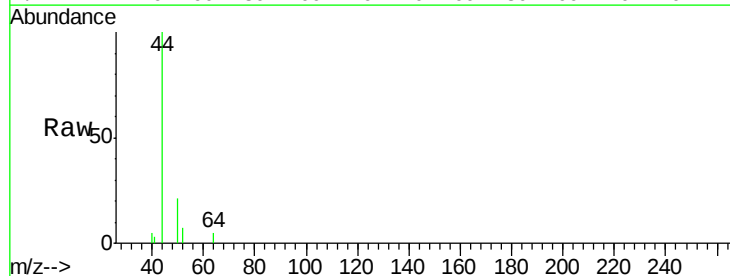
Acq: 29 Jun 2018 04:48

Tgt Ion: 50 Resp: 892

Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6



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

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.32

800

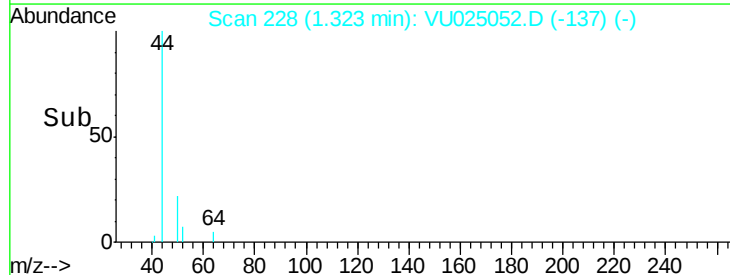
600

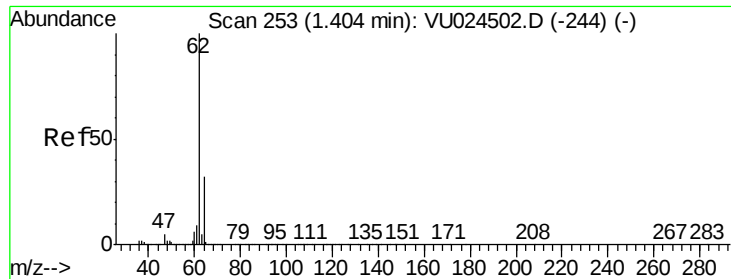
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.866 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

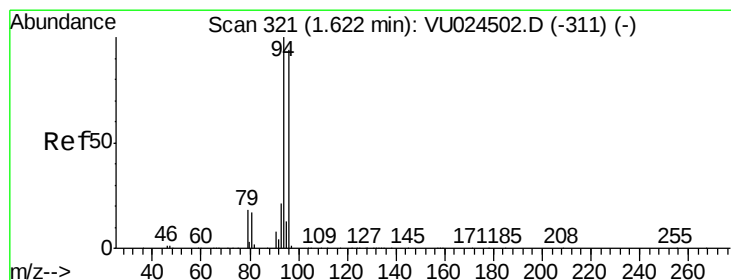
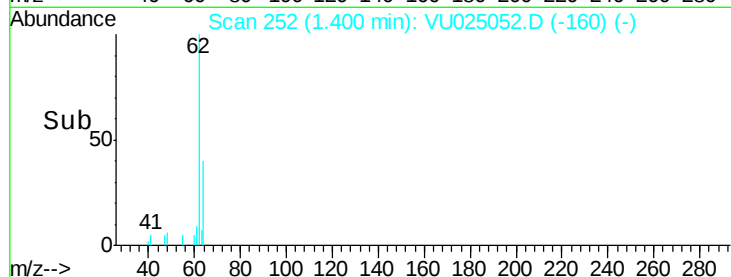
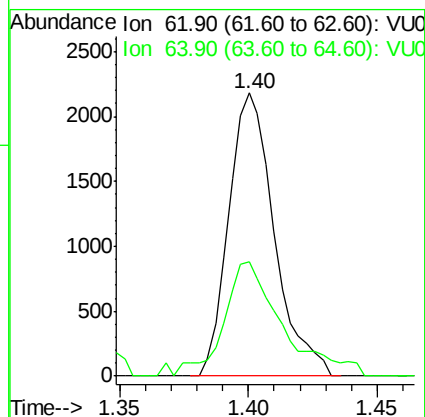
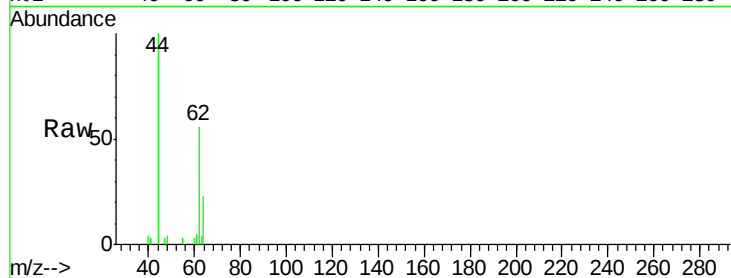
WP021SB481-11-13-180621ME

Tgt Ion: 62 Resp: 2676

Ion Ratio Lower Upper

62 100

64 35.8 24.8 37.2



#5

Bromomethane

Concen: 0.608 ug/l

RT: 1.61 min Scan# 317

Delta R.T. -0.01 min

Lab File: VU025052.D

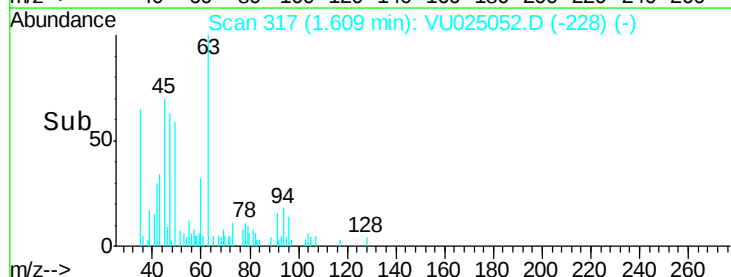
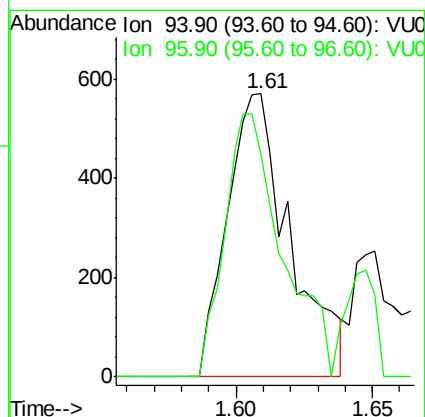
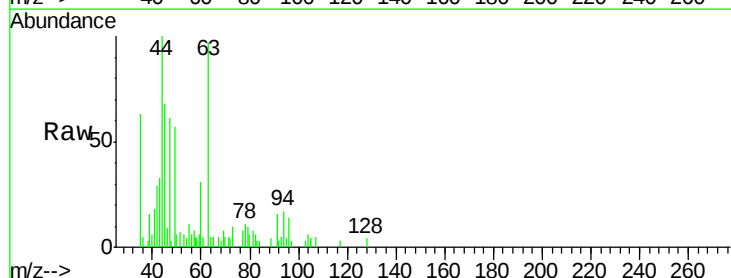
Acq: 29 Jun 2018 04:48

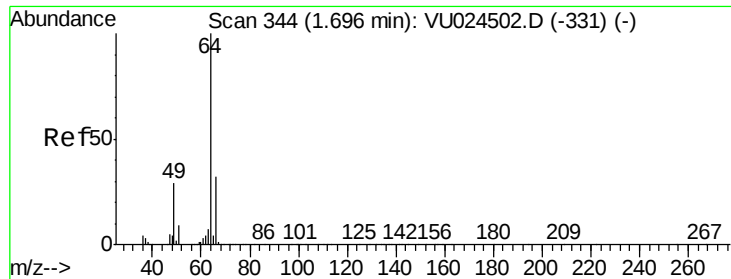
Tgt Ion: 94 Resp: 908

Ion Ratio Lower Upper

94 100

96 78.6 74.5 111.7





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

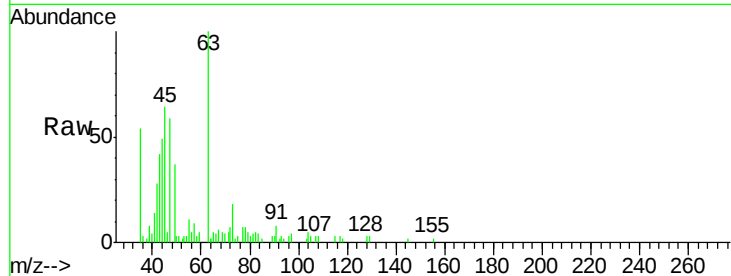
WP021SB481-11-13-180621ME

Tgt Ion: 64 Resp: 30

Ion Ratio Lower Upper

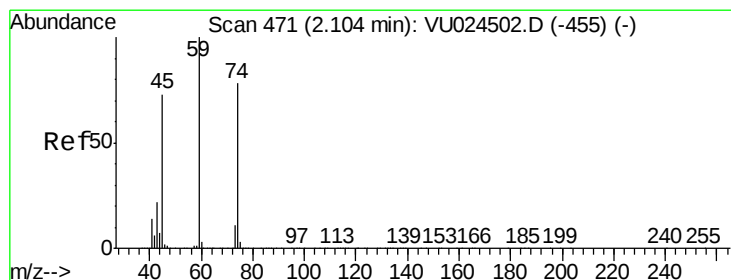
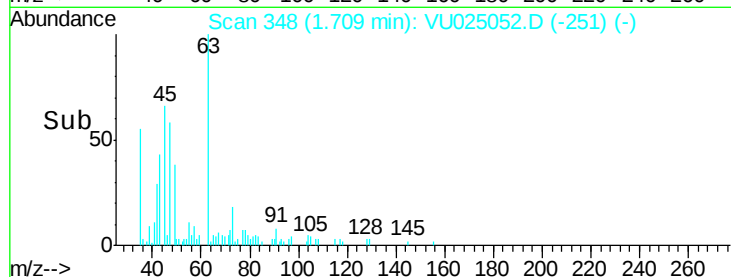
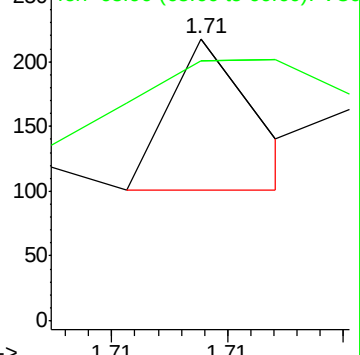
64 100

66 28.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#8

Diethyl Ether

Concen: Below Cal

RT: 1.96 min Scan# 425

Delta R.T. -0.15 min

Lab File: VU025052.D

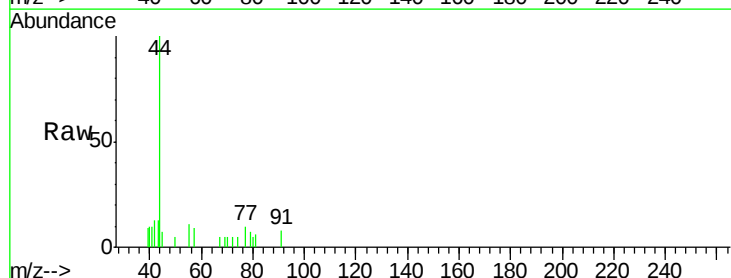
Acq: 29 Jun 2018 04:48

Tgt Ion: 74 Resp: 42

Ion Ratio Lower Upper

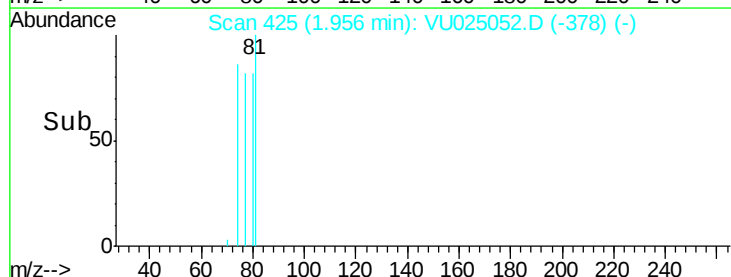
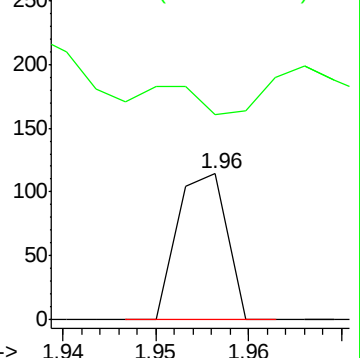
74 100

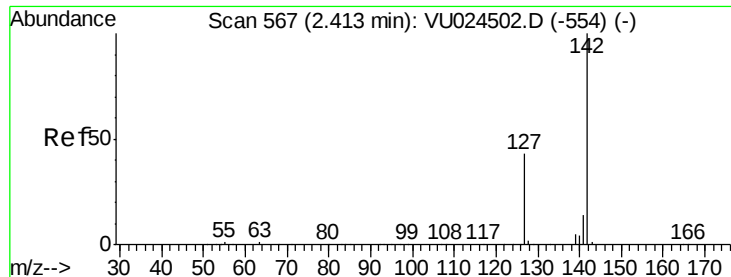
45 0.0 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

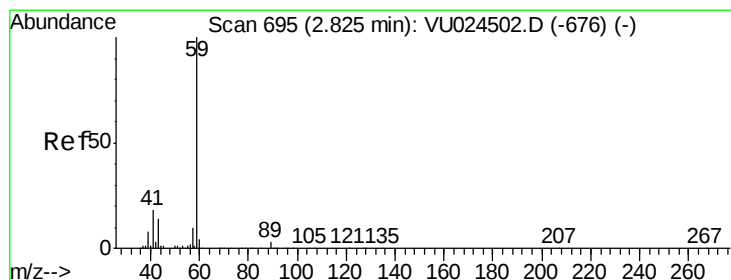
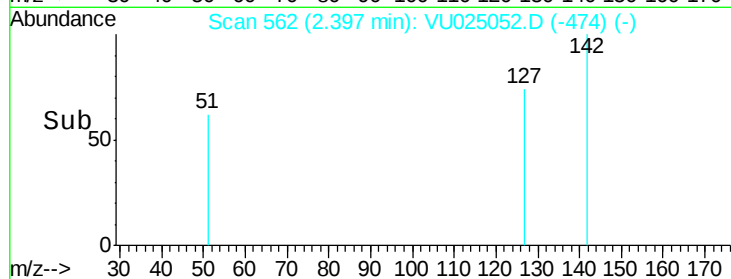
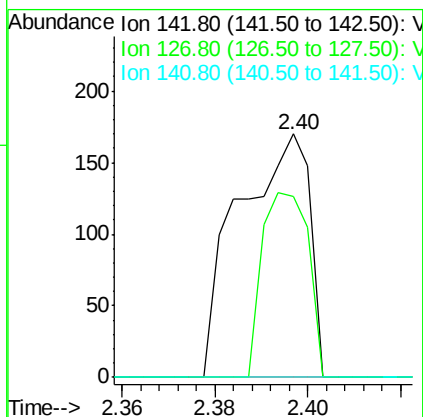
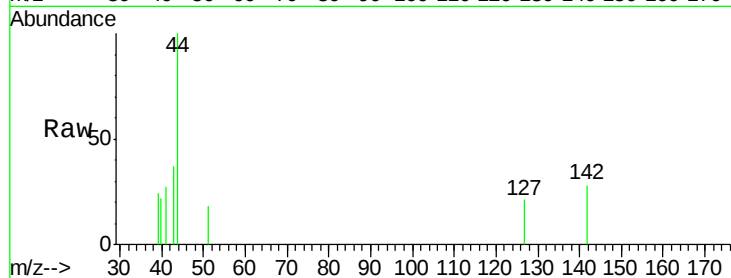




#10
Methyl Iodide
Concen: 5.354 ug/l
RT: 2.40 min Scan# 562
Delta R.T. -0.02 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

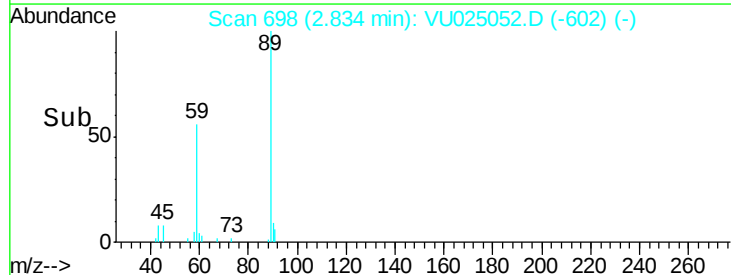
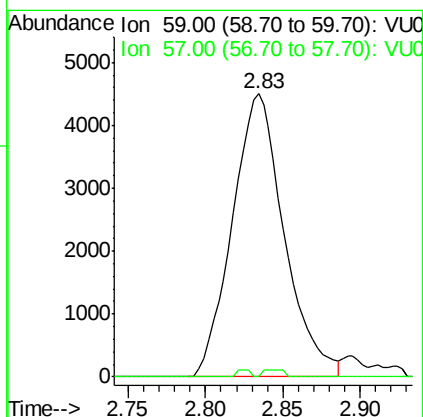
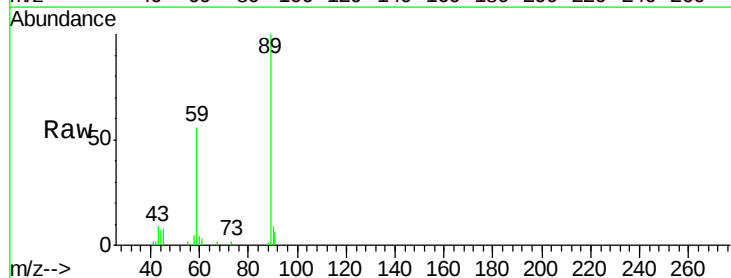
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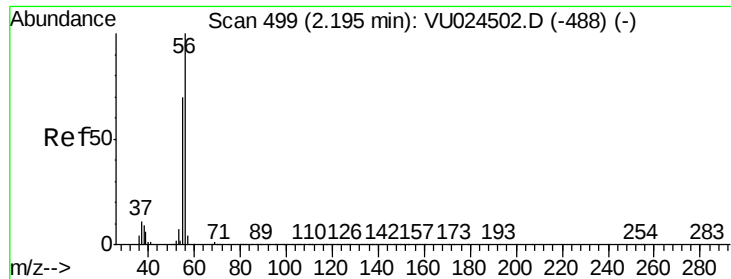
Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
127 49.5 35.6 53.4
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 11.293 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion: 59 Resp: 10505
Ion Ratio Lower Upper
59 100
57 0.6 8.5 12.7#





#13

Acrolein

Concen: 0.813 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

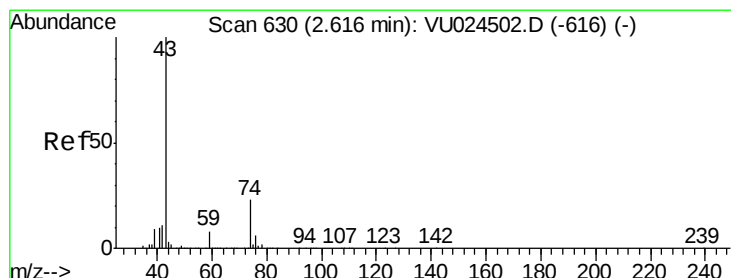
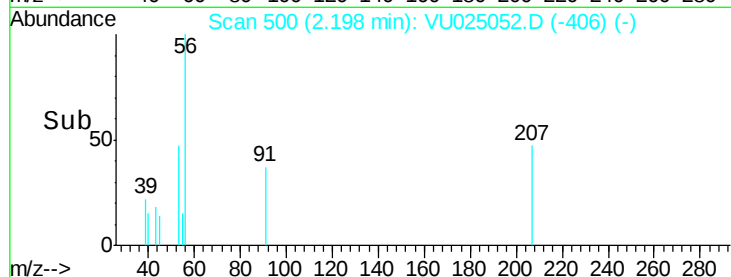
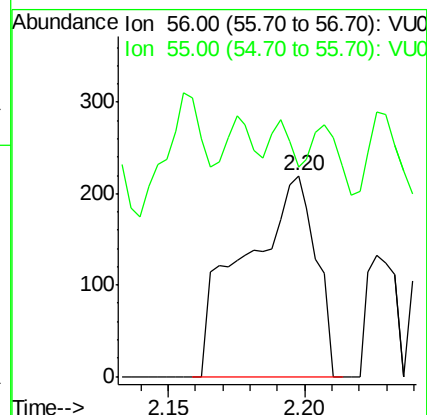
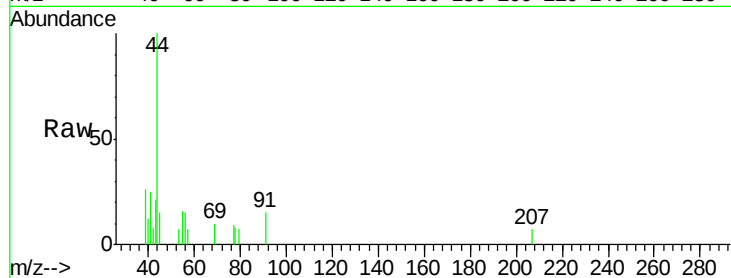
WP021SB481-11-13-180621ME

Tgt Ion: 56 Resp: 397

Ion Ratio Lower Upper

56 100

55 0.0 58.4 87.6#



#18

Methyl Acetate

Concen: 0.703 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025052.D

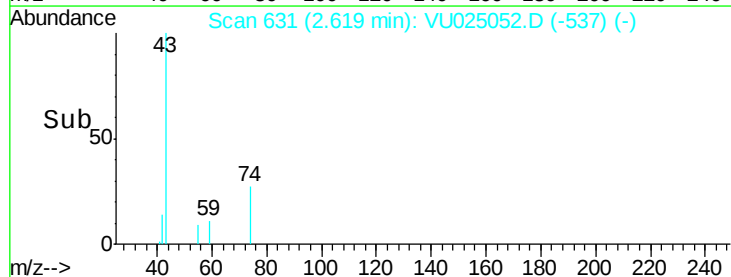
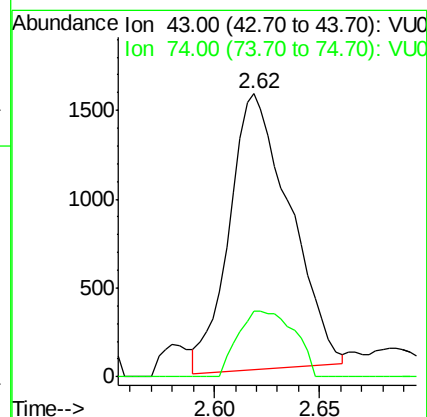
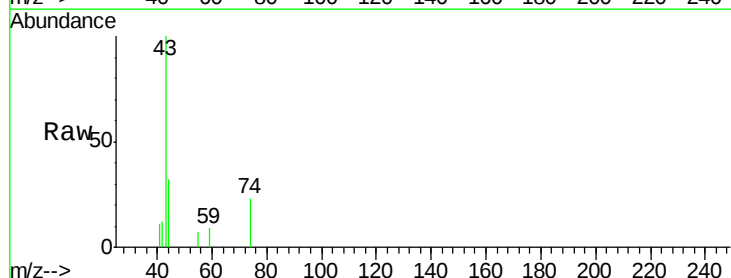
Acq: 29 Jun 2018 04:48

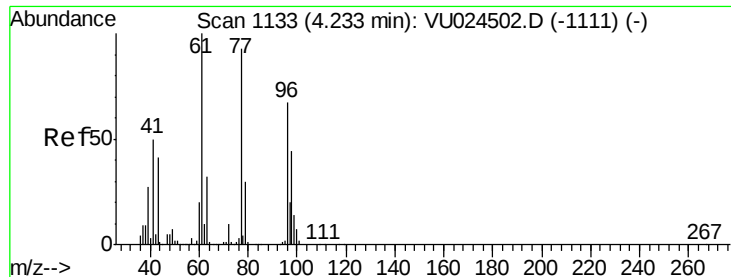
Tgt Ion: 43 Resp: 3097

Ion Ratio Lower Upper

43 100

74 22.2 18.0 27.0





#27

cis-1,2-Dichloroethene

Concen: 1.264 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

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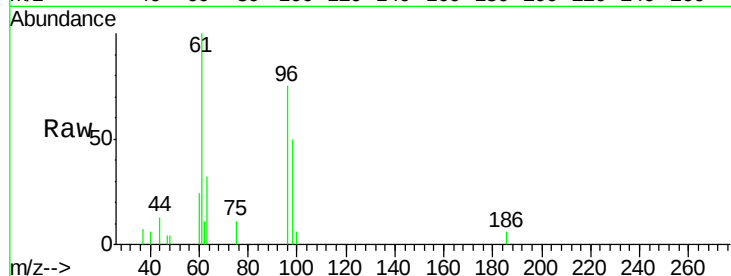
Tgt Ion: 96 Resp: 4269

Ion Ratio Lower Upper

96 100

61 145.1 0.0 306.6

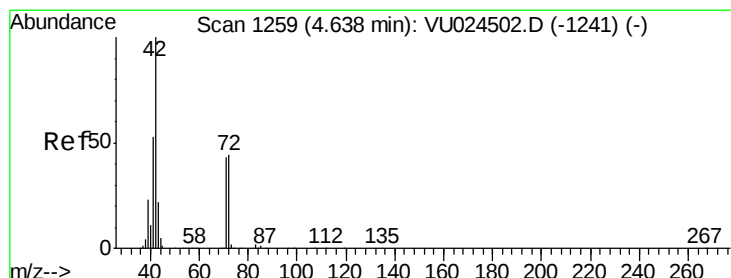
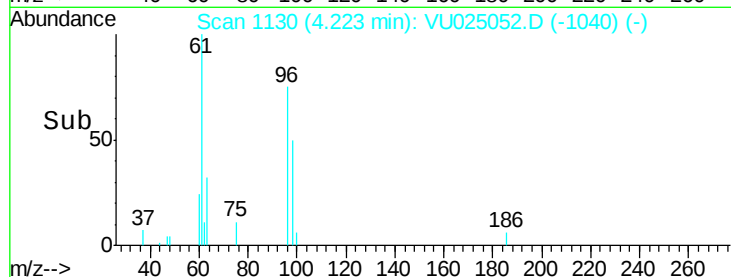
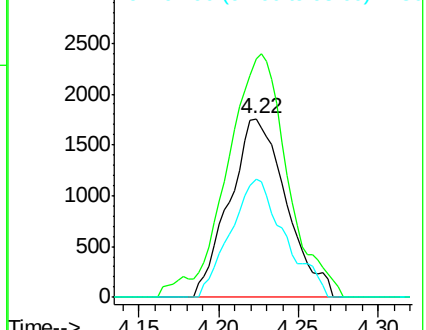
98 63.4 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#29

Tetrahydrofuran

Concen: 0.288 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

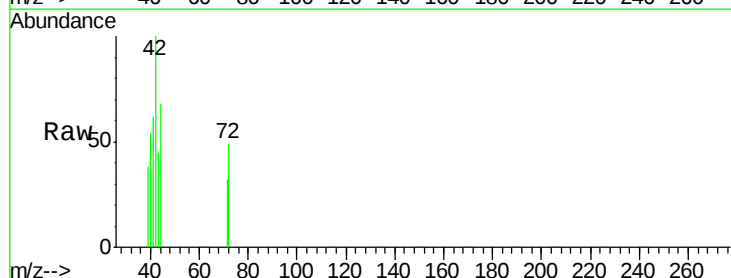
Tgt Ion: 42 Resp: 492

Ion Ratio Lower Upper

42 100

72 74.2 34.5 51.7#

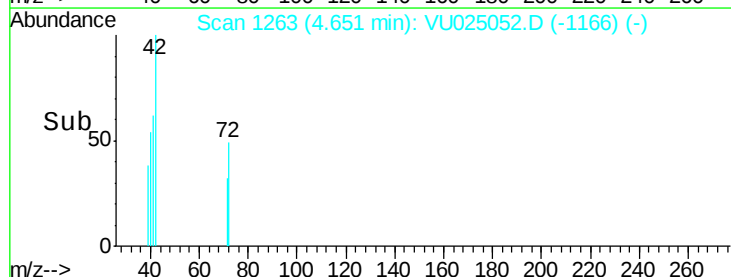
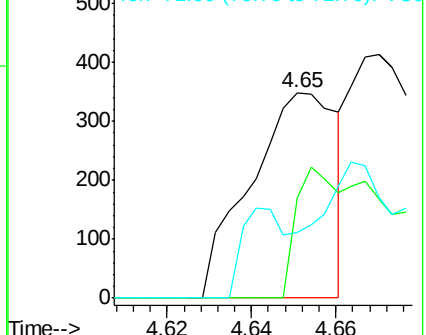
71 25.2 32.2 48.4#

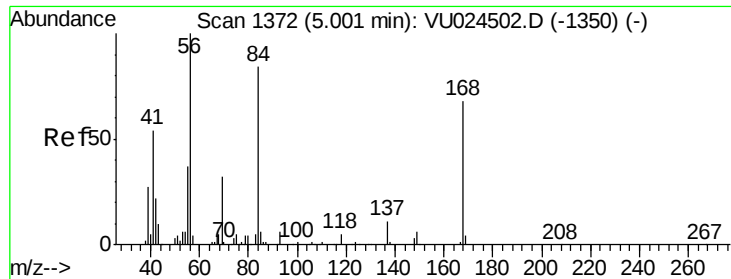


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

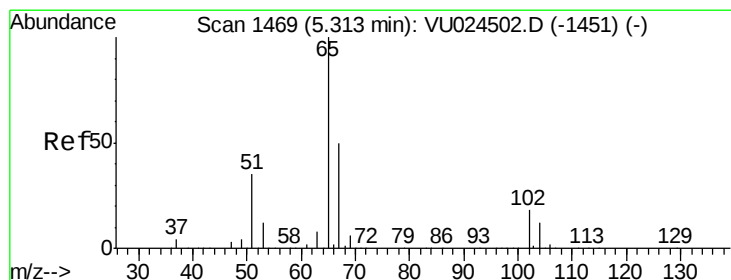
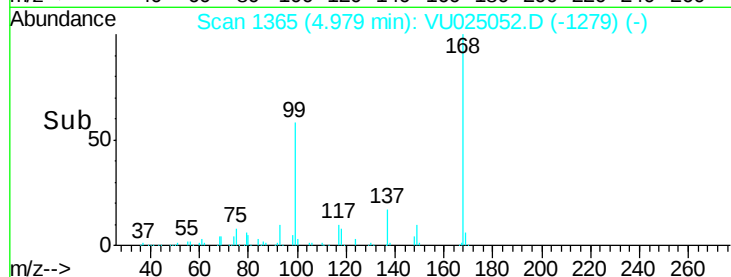
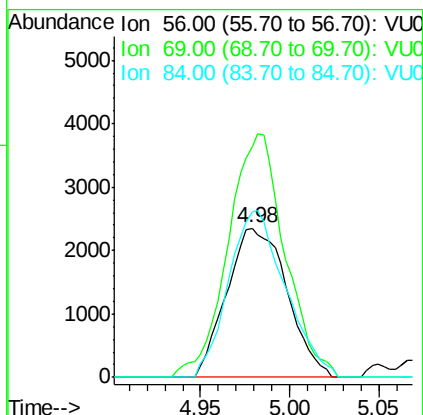
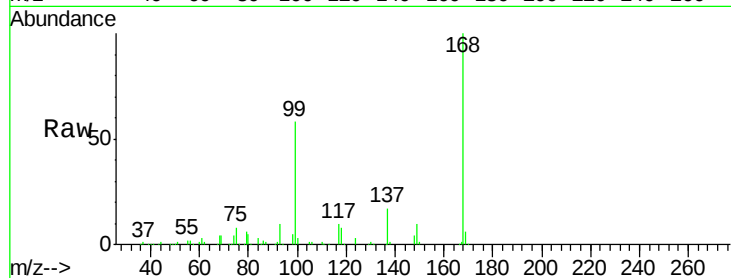




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

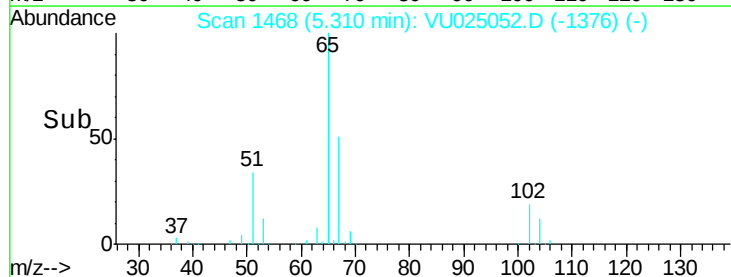
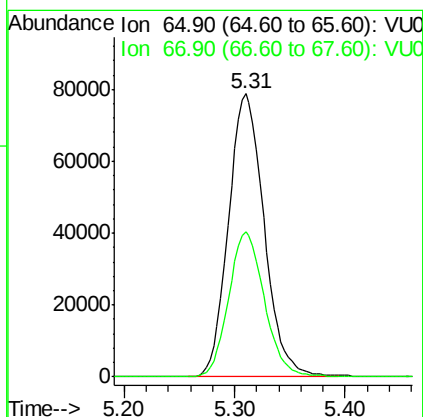
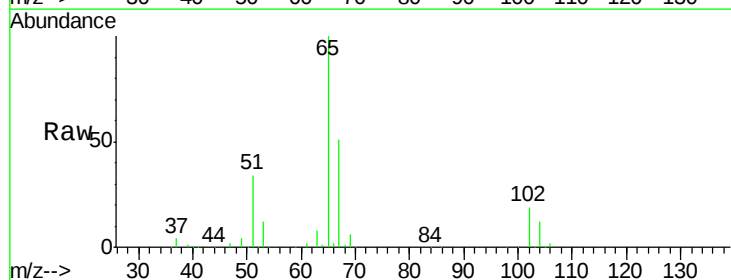
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

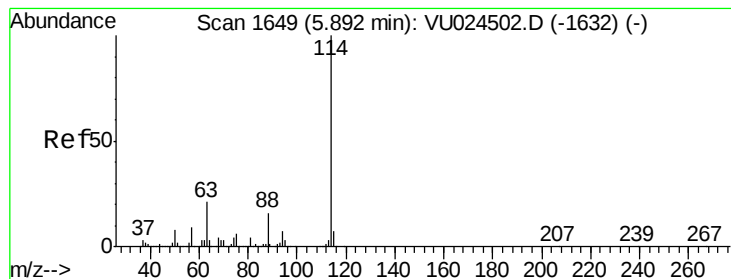
Tgt Ion: 56 Resp: 5532
Ion Ratio Lower Upper
56 100
69 154.5 24.8 37.2#
84 111.0 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.157 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion: 65 Resp: 176546
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-11-13-180621ME

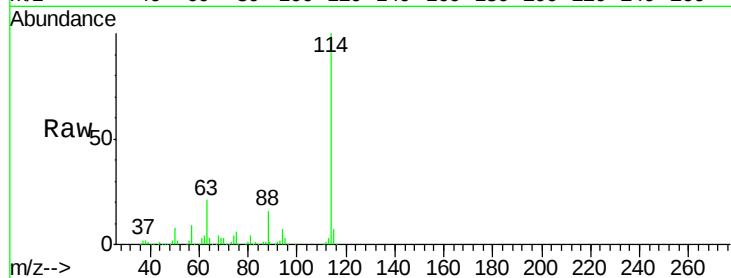
Tgt Ion:114 Resp: 350418

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.4

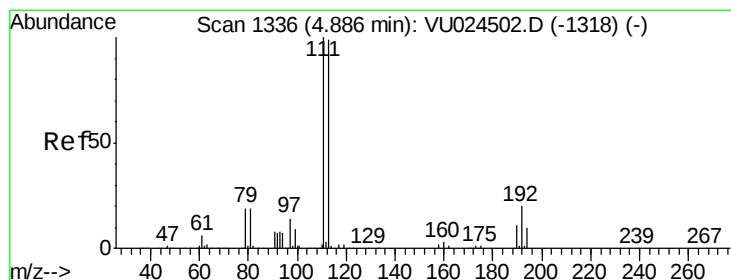
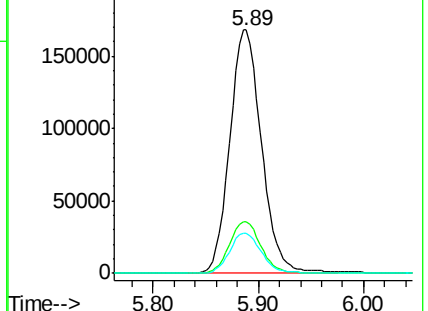
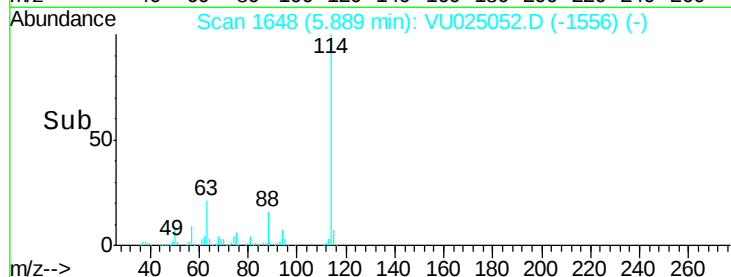
88 16.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.511 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

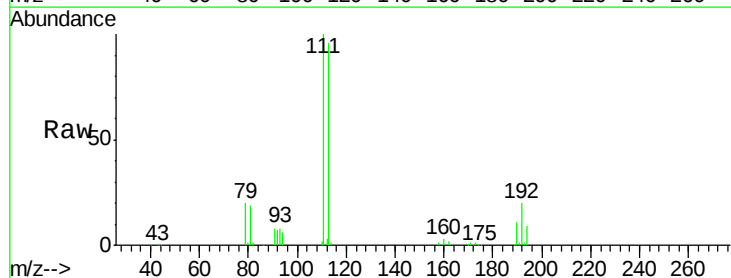
Tgt Ion:113 Resp: 135262

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

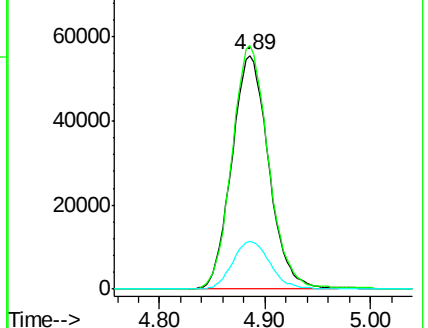
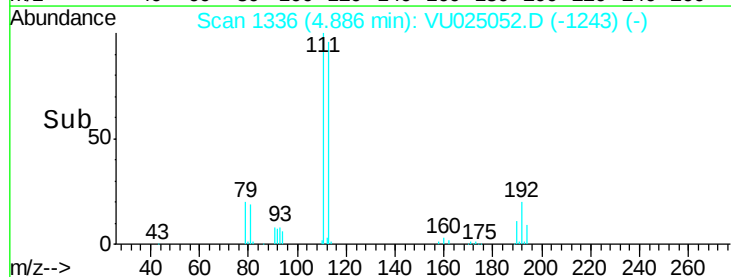
192 20.7 16.2 24.4

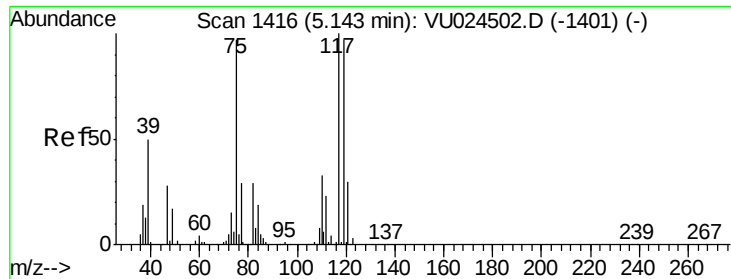


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.348 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-11-13-180621ME

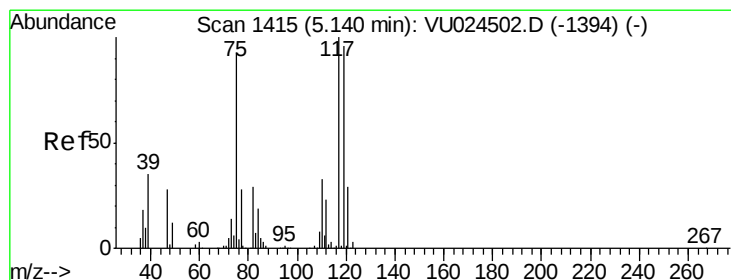
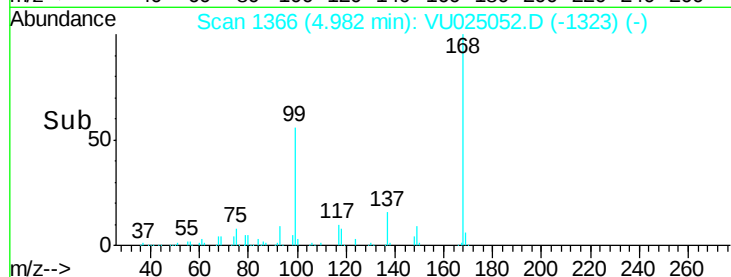
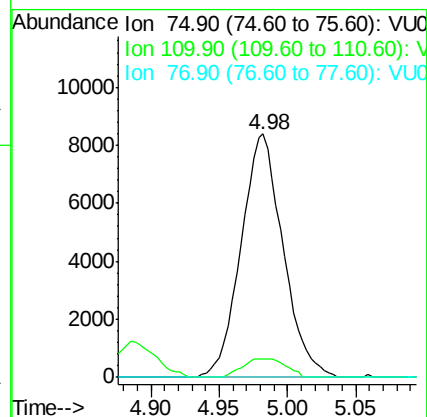
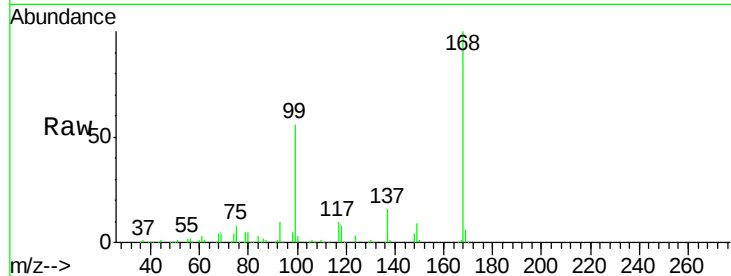
Tgt Ion: 75 Resp: 17905

Ion Ratio Lower Upper

75 100

110 7.7 17.0 50.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 4.975 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

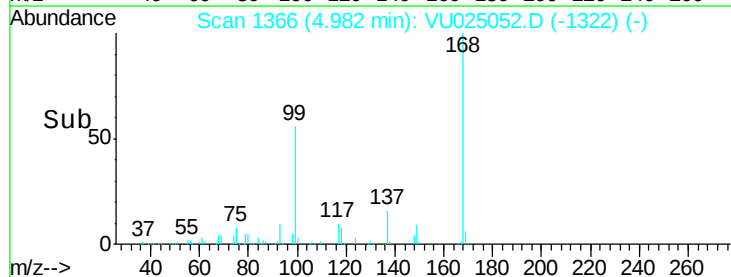
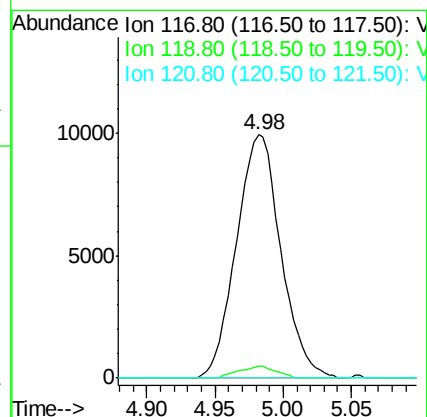
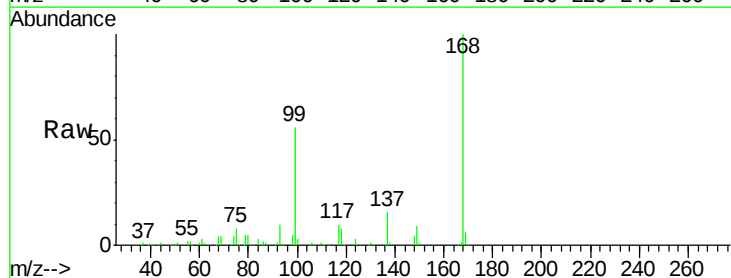
Tgt Ion: 117 Resp: 22528

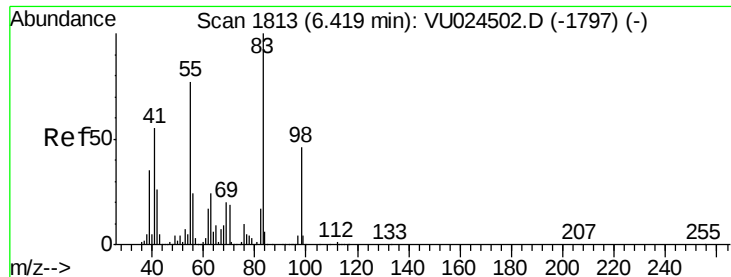
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 23.7 35.5#

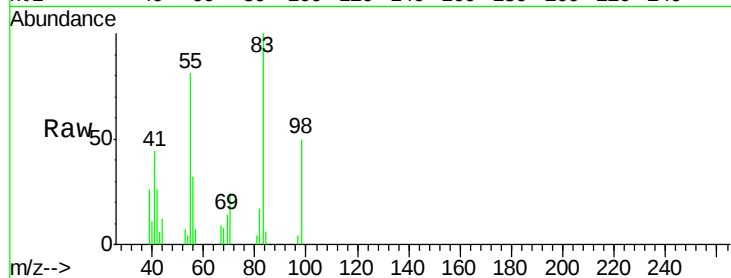




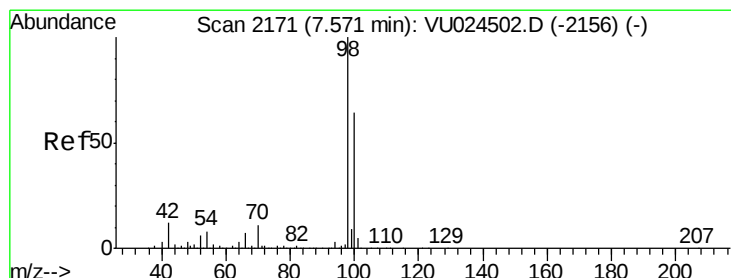
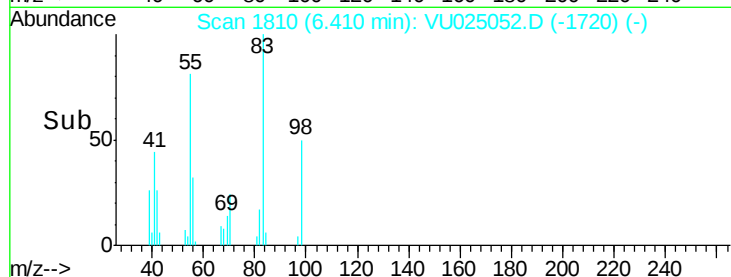
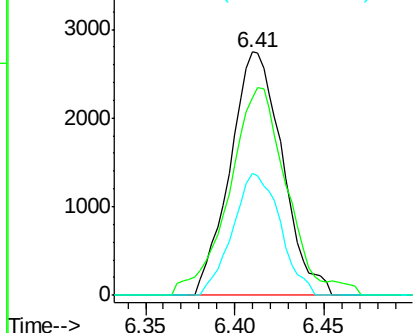
#39
Methylcyclohexane
Concen: 1.091 ug/l
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

Tgt Ion: 83 Resp: 5604
Ion Ratio Lower Upper
83 100
55 75.7 65.8 98.6
98 50.3 36.7 55.1

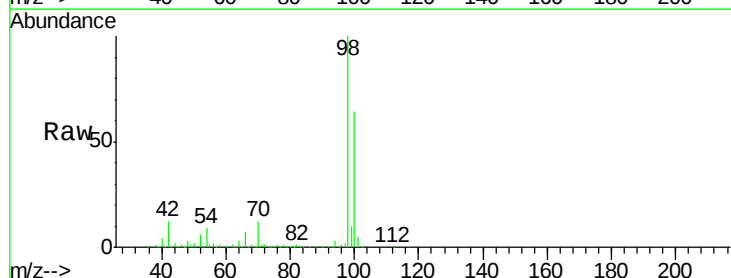


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

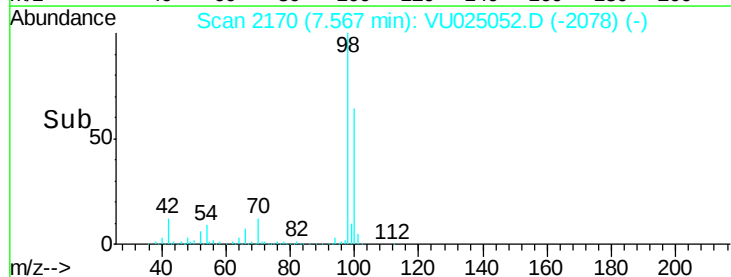
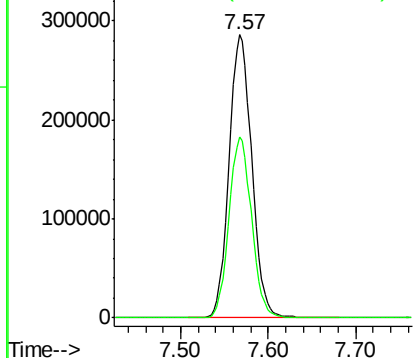


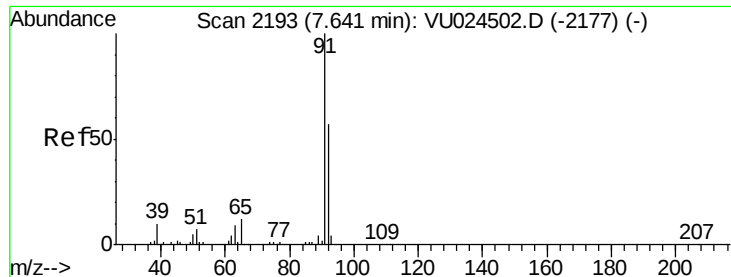
#50
Toluene-d8
Concen: 48.662 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion: 98 Resp: 516205
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 1.092 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

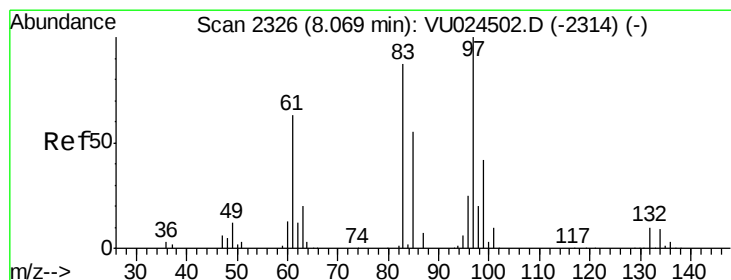
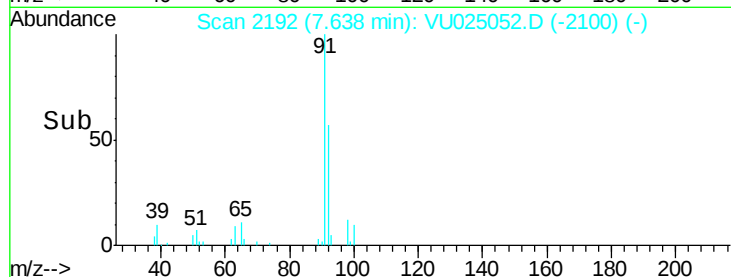
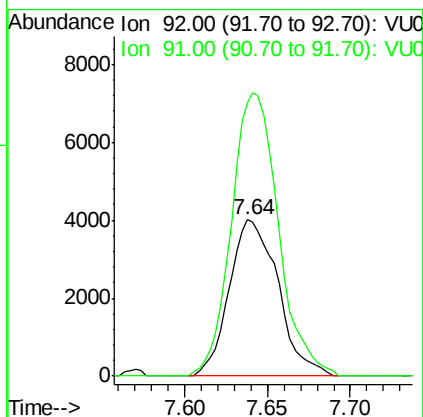
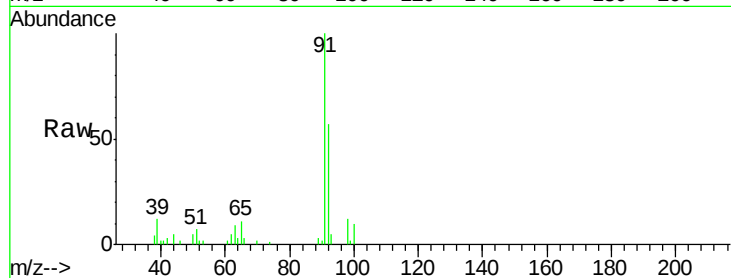
WP021SB481-11-13-180621ME

Tgt Ion: 92 Resp: 8243

Ion Ratio Lower Upper

92 100

91 174.0 140.5 210.7



#55

1,1,2-Trichloroethane

Concen: 0.472 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Tgt Ion: 97 Resp: 1447

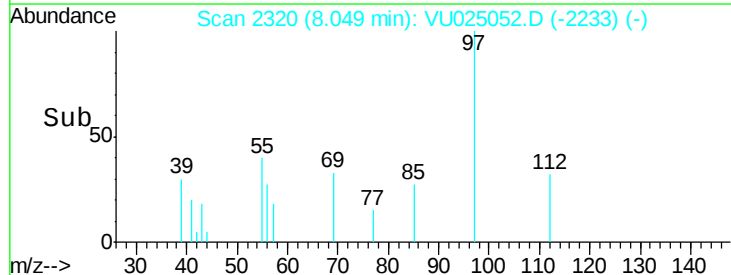
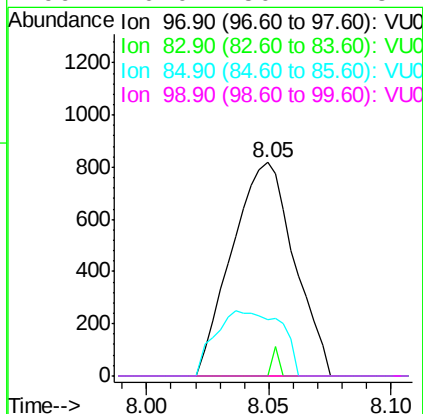
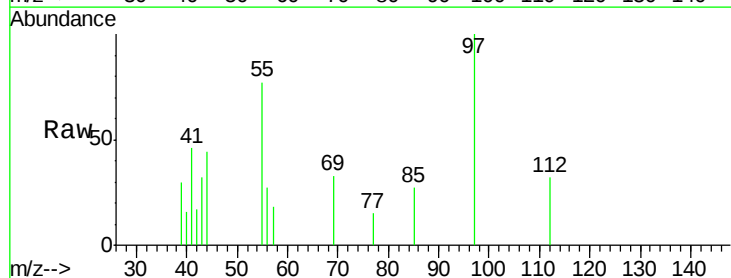
Ion Ratio Lower Upper

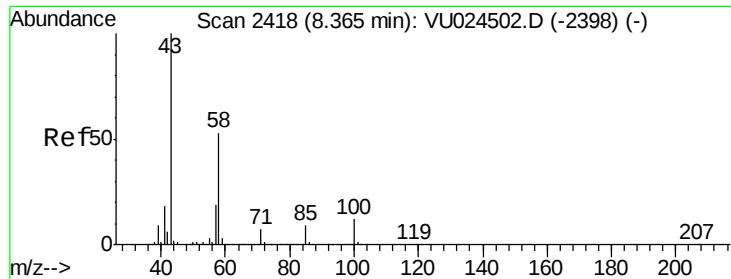
97 100

83 0.0 70.5 105.7#

85 26.6 46.4 69.6#

99 0.0 50.2 75.2#

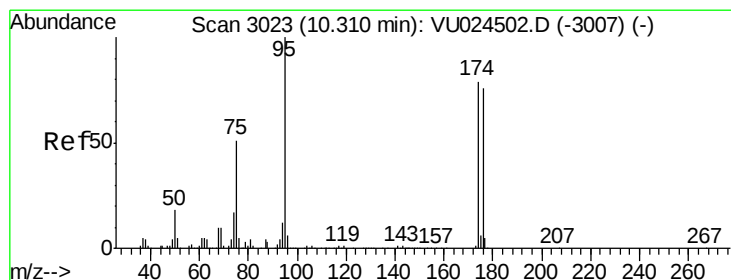
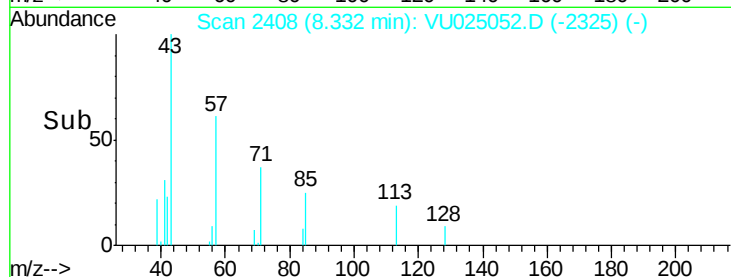
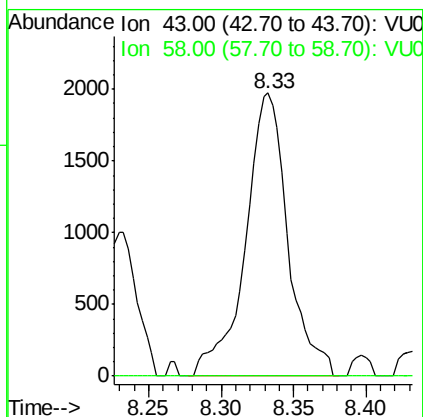
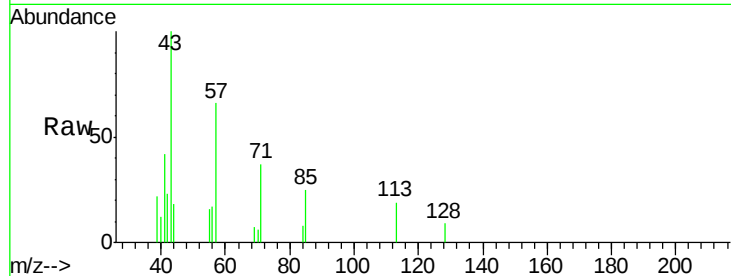




#59
2-Hexanone
Concen: 1.012 ug/l
RT: 8.33 min Scan# 2408
Delta R.T. -0.03 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

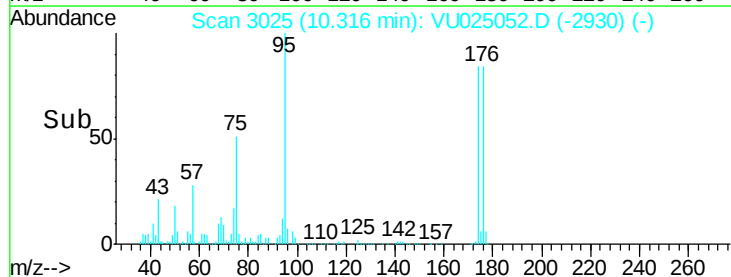
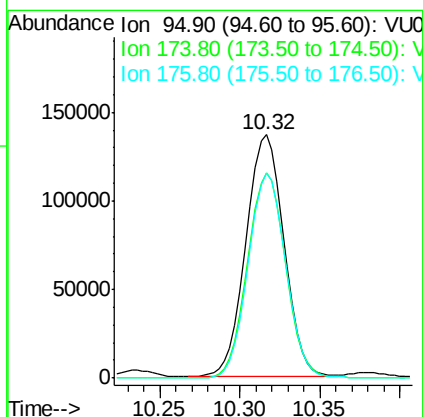
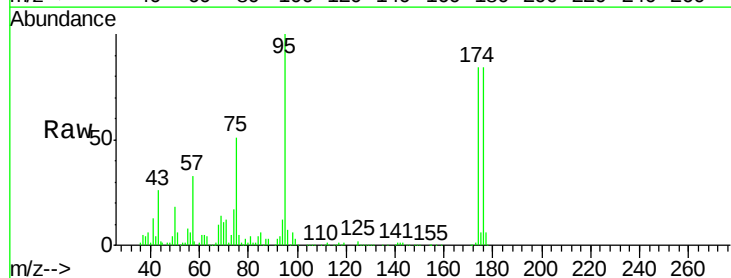
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

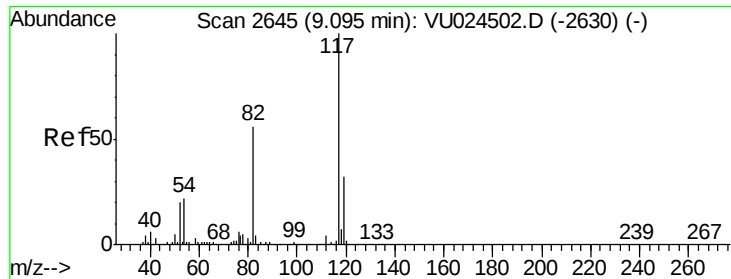
Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 52.883 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion: 95 Resp: 222730
Ion Ratio Lower Upper
95 100
174 84.7 0.0 165.8
176 83.3 0.0 159.4

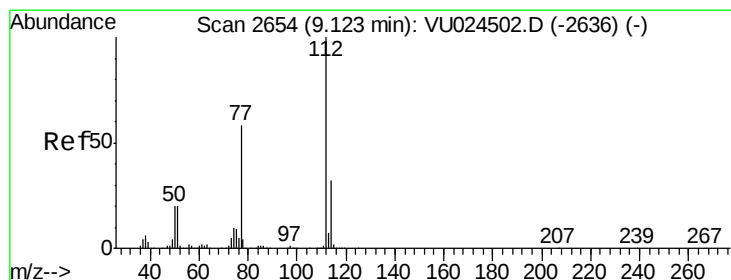
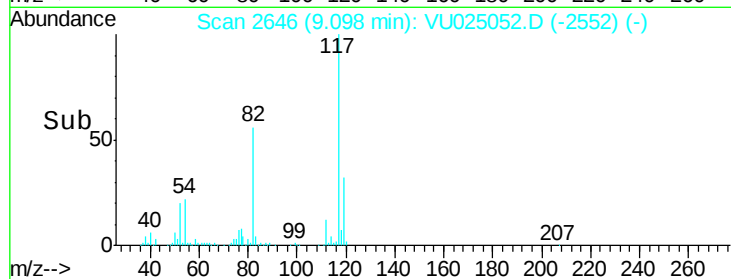
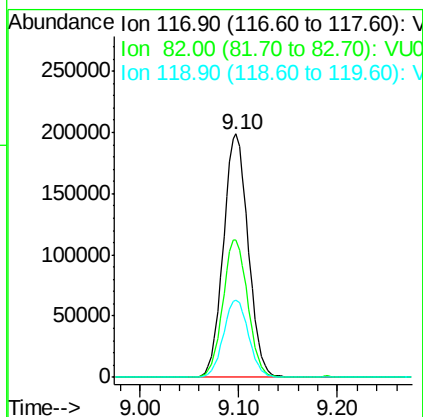
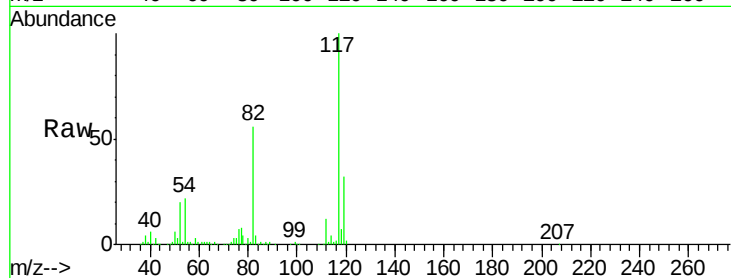




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

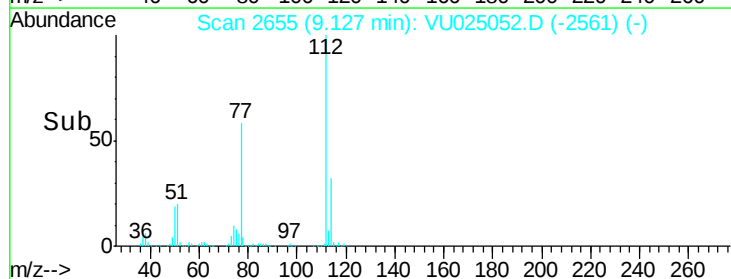
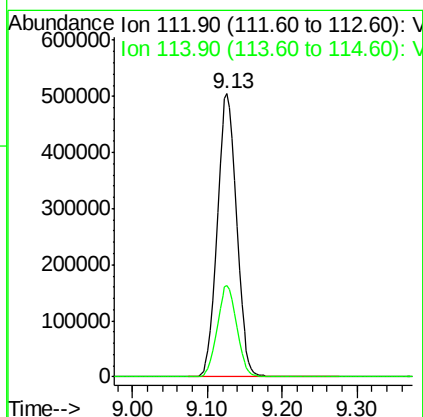
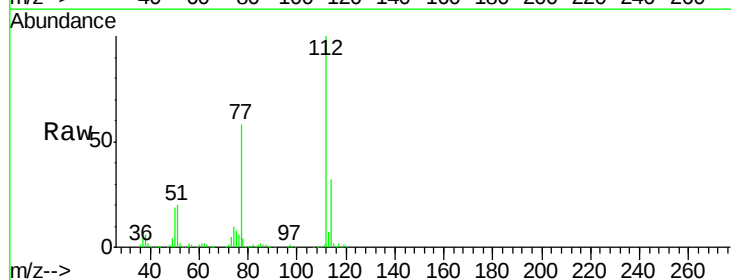
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

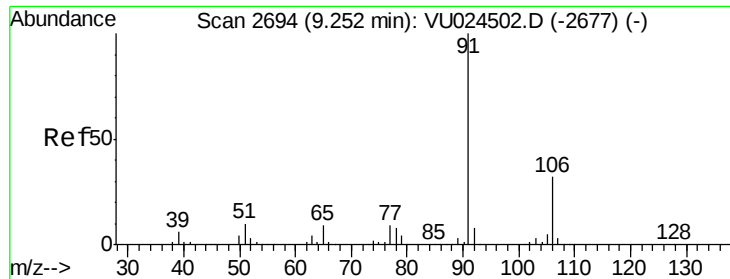
Tgt Ion:117 Resp: 349864
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 31.9 25.4 38.2



#65
Chlorobenzene
Concen: 101.310 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion:112 Resp: 905481
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

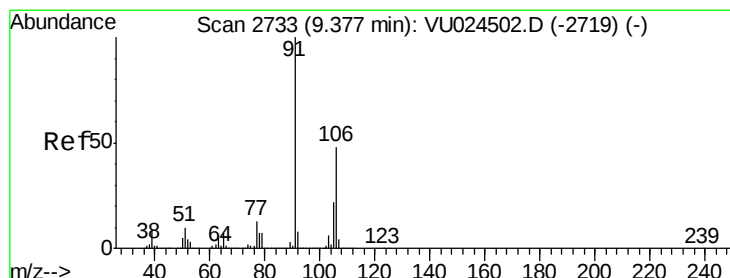
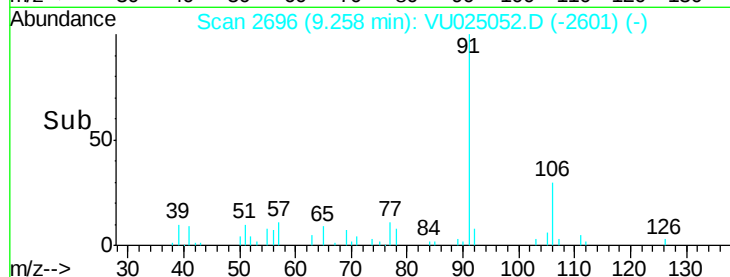
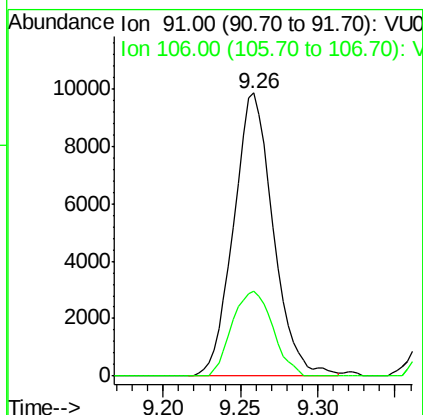
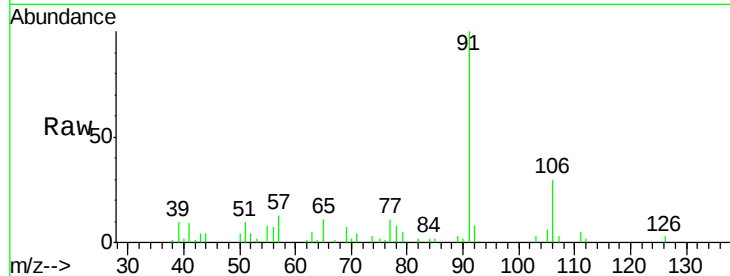




#67
Ethyl Benzene
Concen: 1.120 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

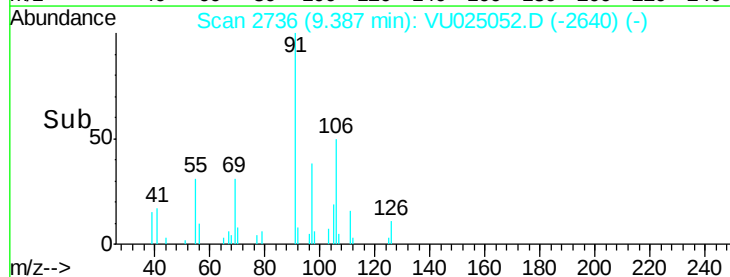
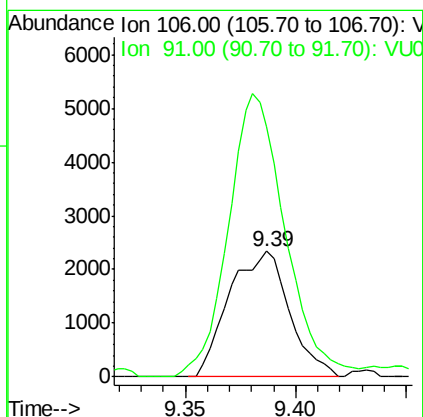
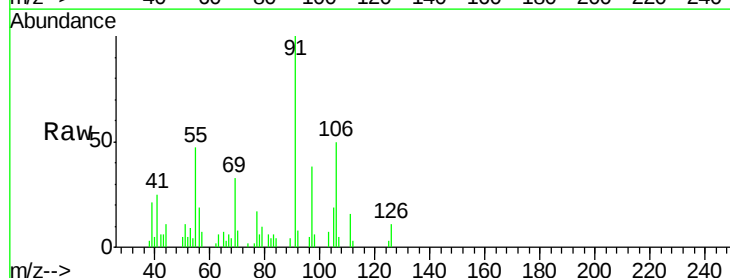
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

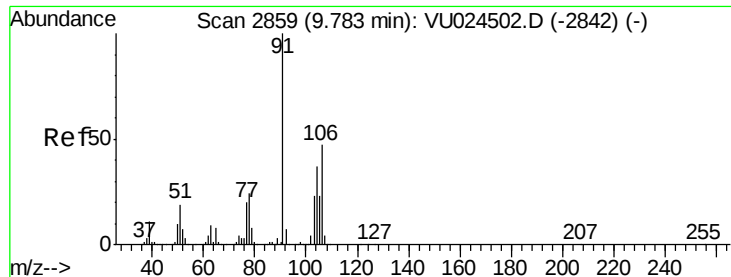
Tgt Ion: 91 Resp: 17552
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 0.735 ug/l
RT: 9.39 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion: 106 Resp: 4423
Ion Ratio Lower Upper
106 100
91 212.6 166.5 249.7

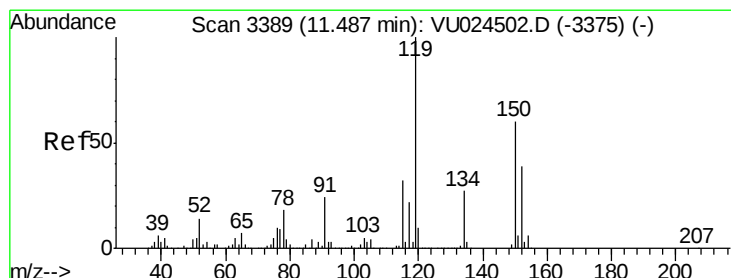
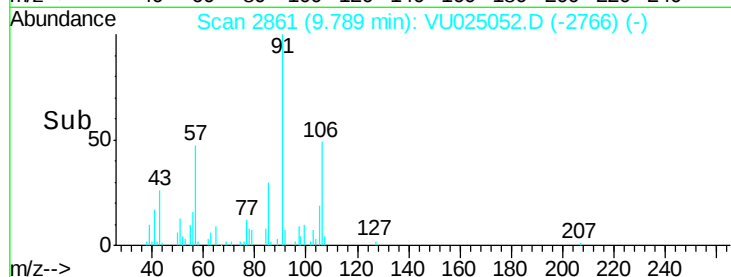
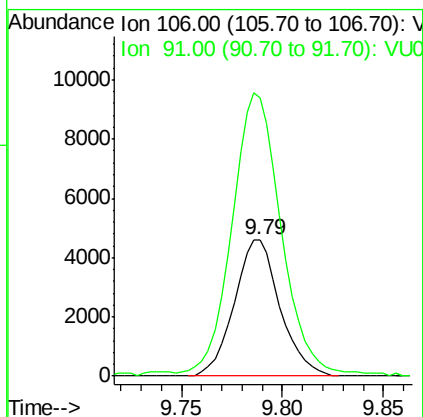
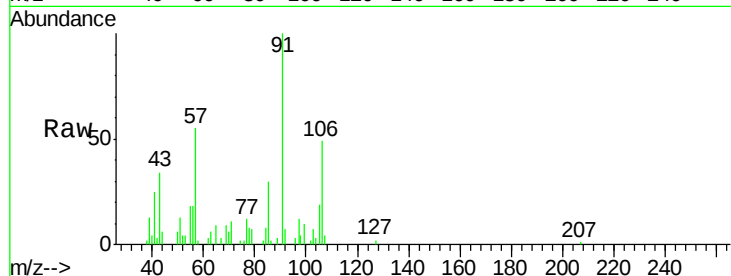




#69
o-Xylene
Concen: 1.225 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

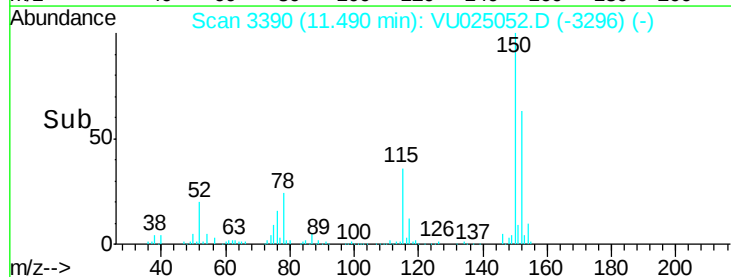
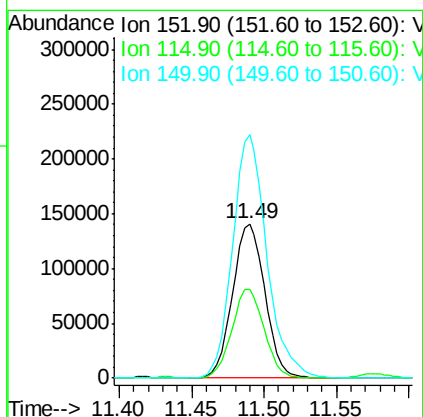
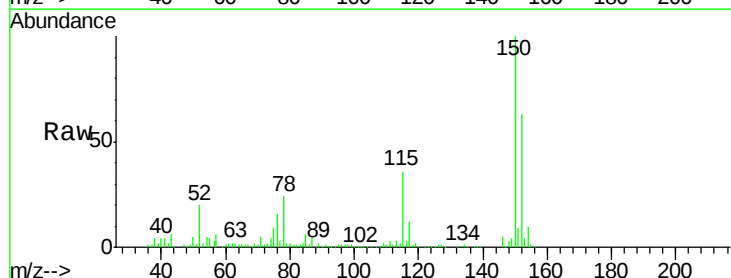
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

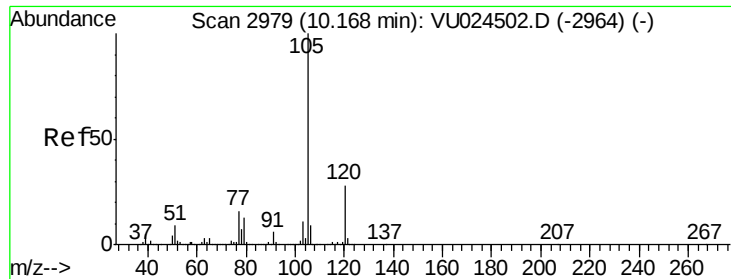
Tgt Ion:106 Resp: 7293
Ion Ratio Lower Upper
106 100
91 225.4 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Tgt Ion:152 Resp: 216833
Ion Ratio Lower Upper
152 100
115 57.4 43.0 129.0
150 168.1 0.0 354.0





#73

Isopropylbenzene

Concen: 1.294 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

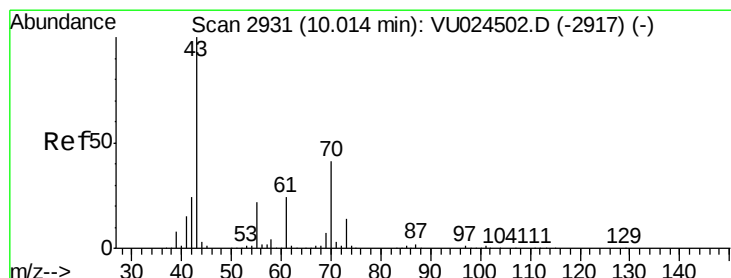
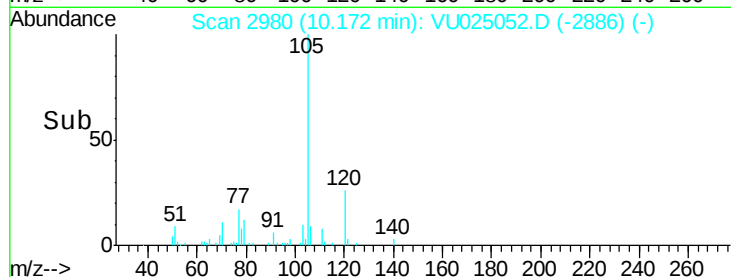
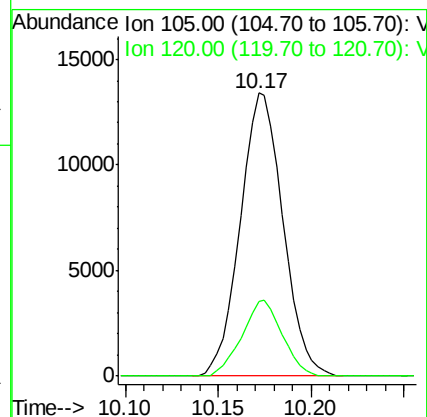
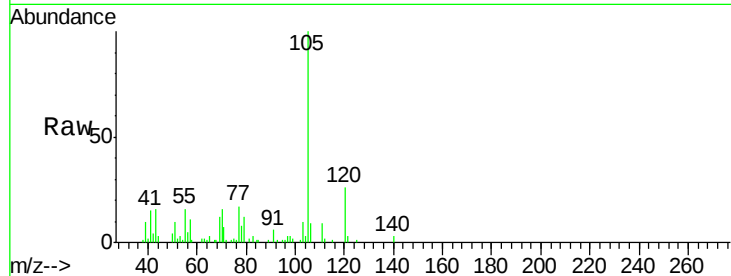
WP021SB481-11-13-180621ME

Tgt Ion: 105 Resp: 21534

Ion Ratio Lower Upper

105 100

120 25.1 13.2 39.6



#74

N-ethyl acetate

Concen: 1.216 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Tgt Ion: 43 Resp: 9631

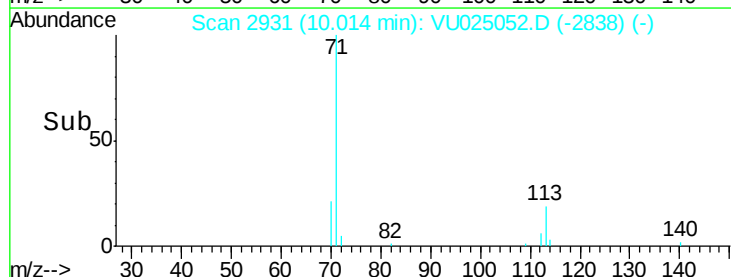
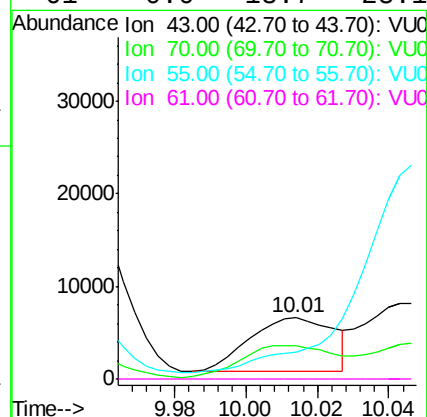
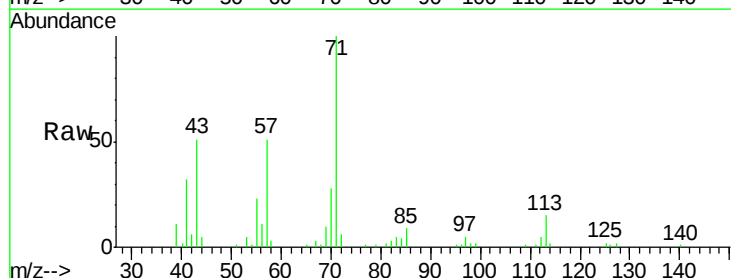
Ion Ratio Lower Upper

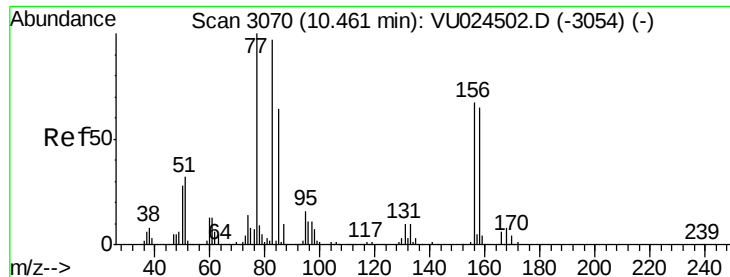
43 100

70 66.0 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.595 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-11-13-180621ME

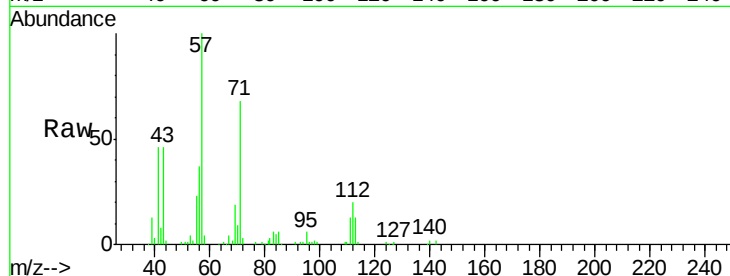
Tgt Ion: 83 Resp: 3321

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

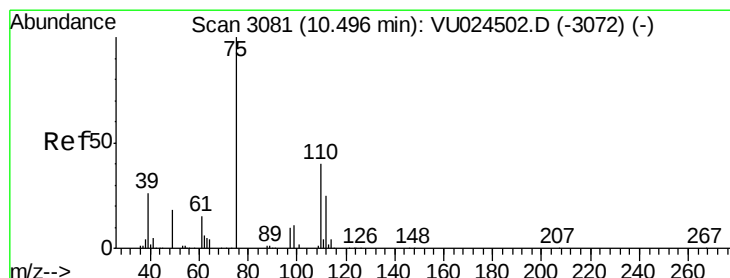
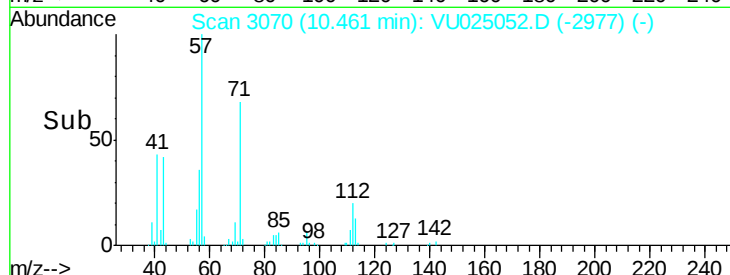
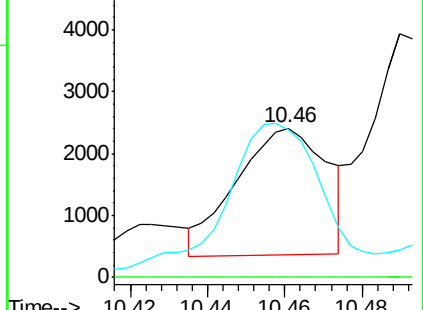
85 136.3 32.5 97.5#



Abundance Ion 82.90 (82.60 to 83.60): VU025052.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025052.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025052.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 23.560 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025052.D

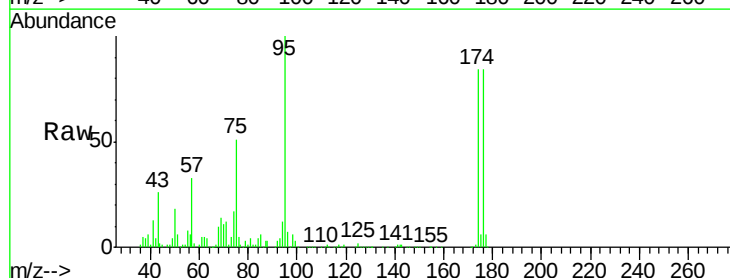
Acq: 29 Jun 2018 04:48

Tgt Ion: 75 Resp: 112471

Ion Ratio Lower Upper

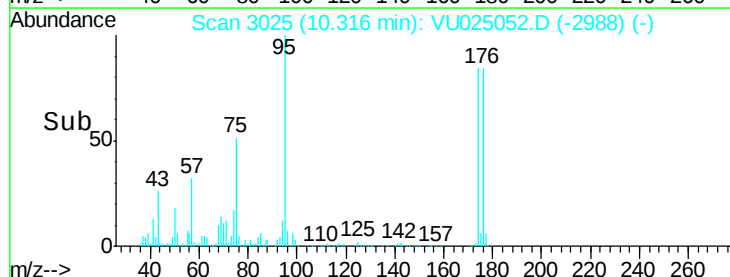
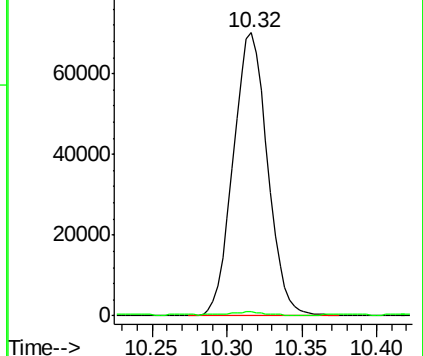
75 100

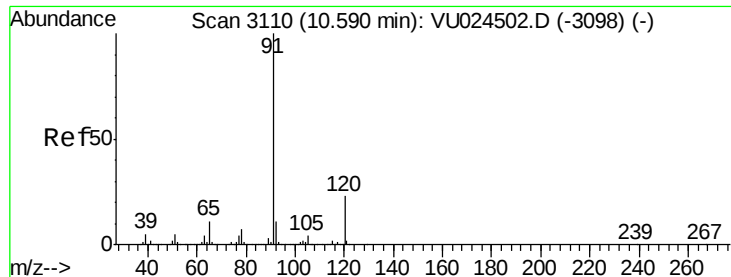
77 1.3 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU025052.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025052.D (-2988) (-)





#78

n-propylbenzene

Concen: 3.331 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

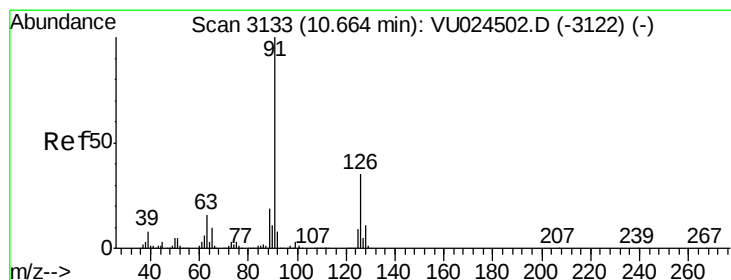
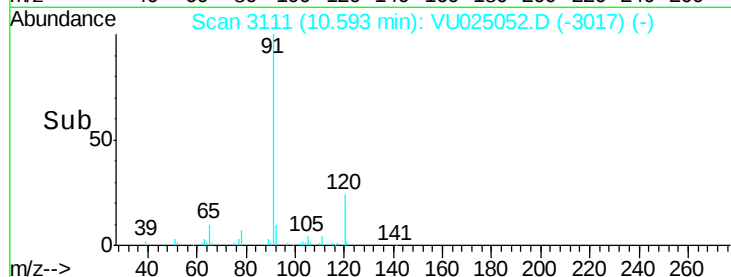
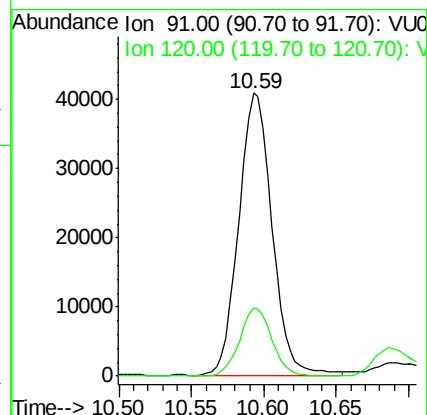
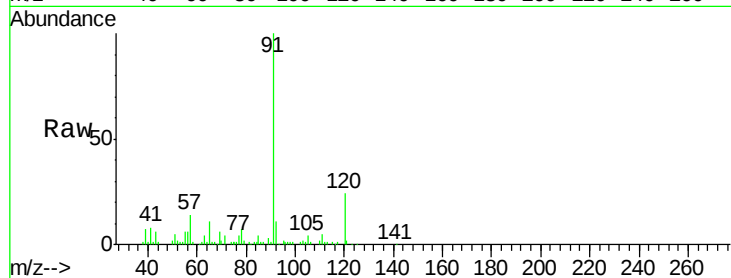
WP021SB481-11-13-180621ME

Tgt Ion: 91 Resp: 65319

Ion Ratio Lower Upper

91 100

120 23.4 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.353 ug/l

RT: 10.69 min Scan# 3141

Delta R.T. 0.03 min

Lab File: VU025052.D

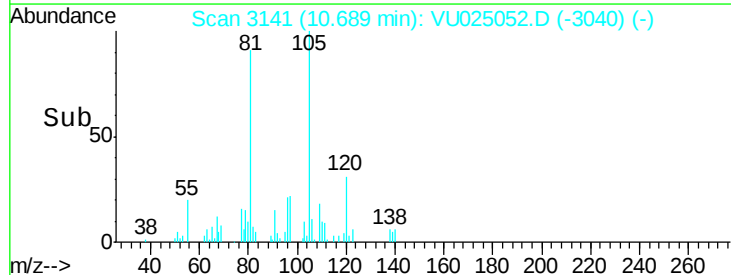
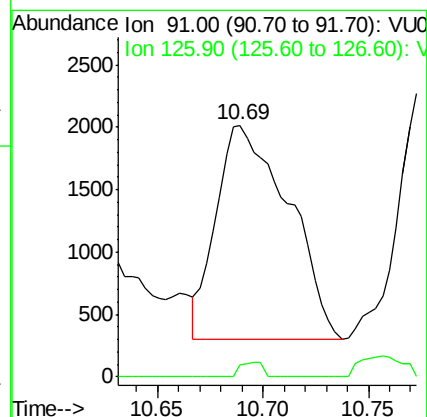
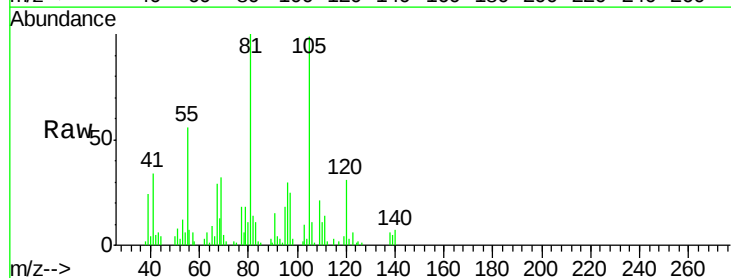
Acq: 29 Jun 2018 04:48

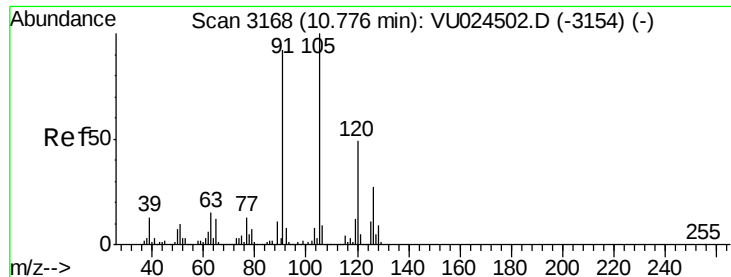
Tgt Ion: 91 Resp: 4081

Ion Ratio Lower Upper

91 100

126 2.1 16.9 50.7#

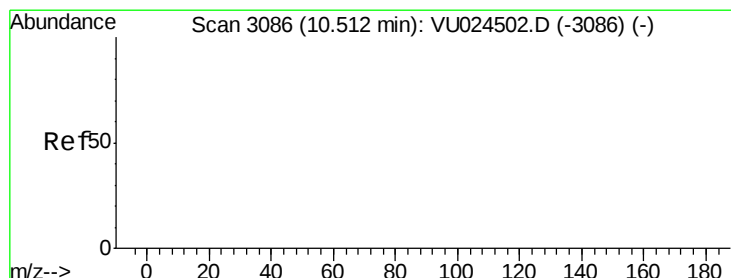
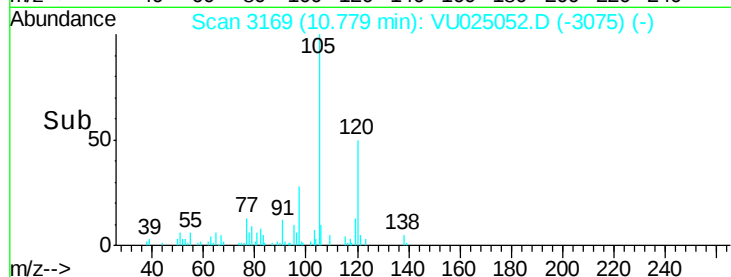
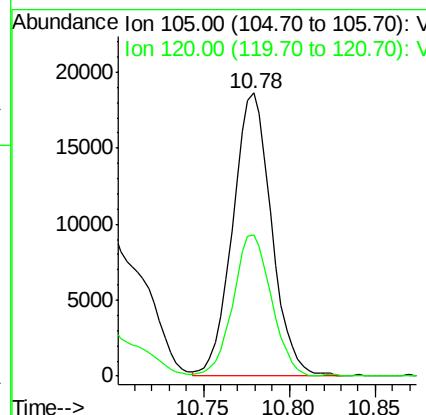
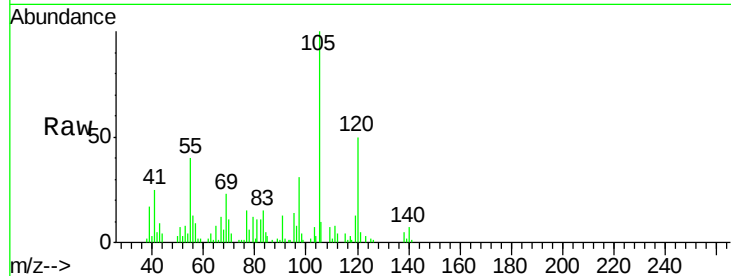




#80
 1,3,5-Trimethylbenzene
 Concen: 2.037 ug/l
 RT: 10.78 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

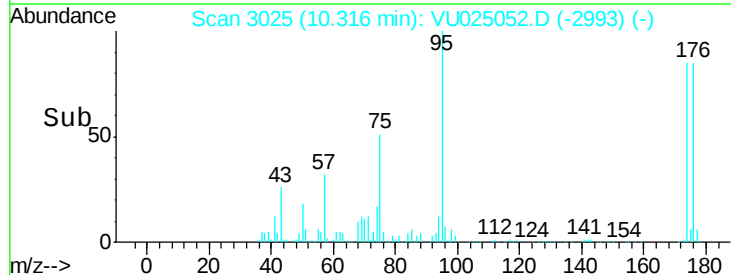
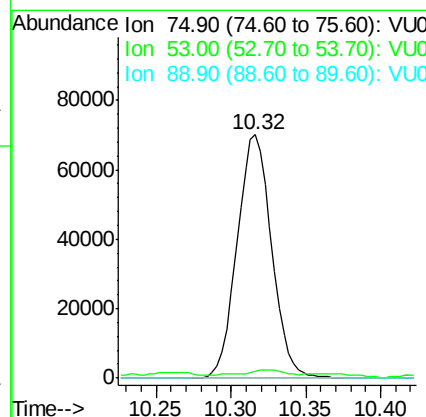
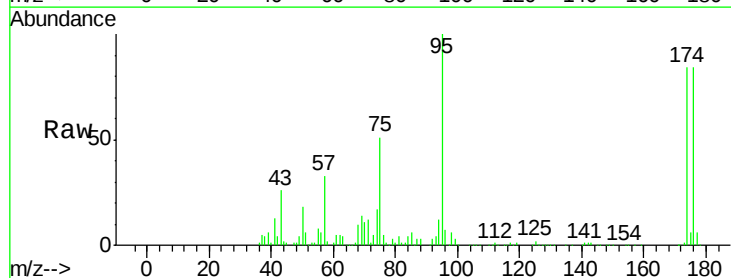
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

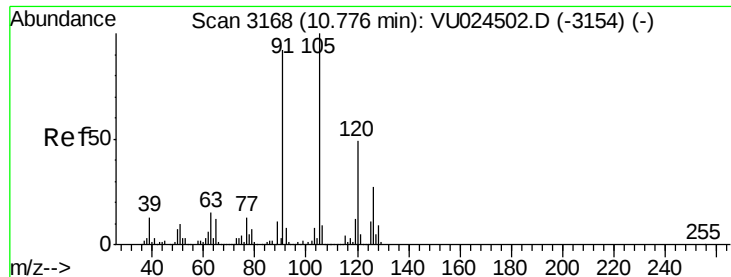
Tgt Ion:105 Resp: 29393
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.527 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.20 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Tgt Ion: 75 Resp: 112471
 Ion Ratio Lower Upper
 75 100
 53 2.1 0.0 0.0#
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 0.267 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

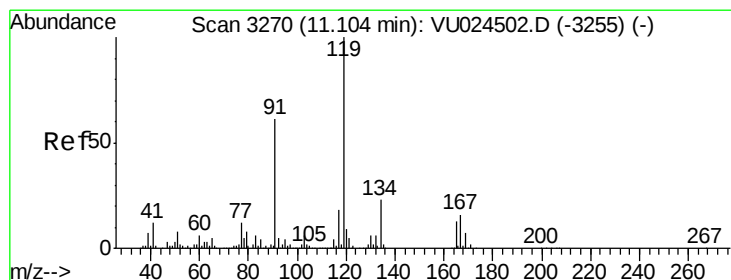
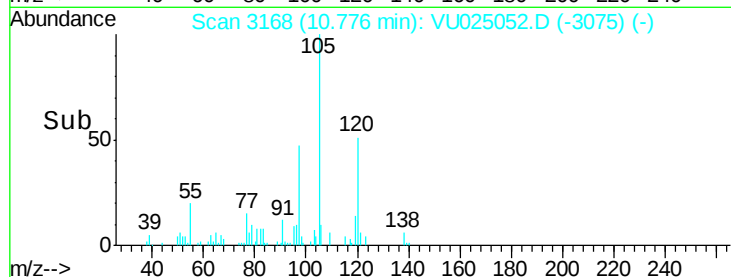
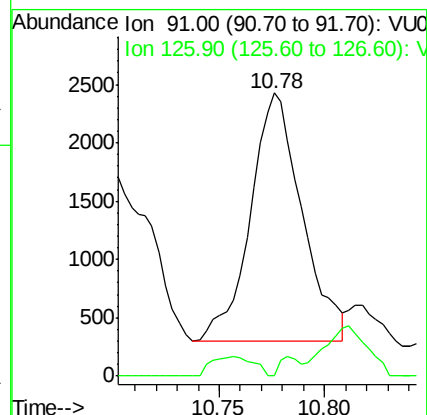
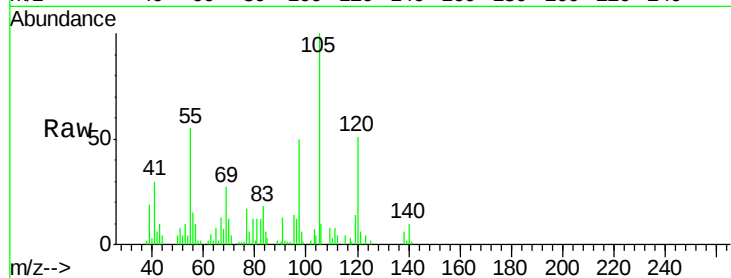
WP021SB481-11-13-180621ME

Tgt Ion: 91 Resp: 3599

Ion Ratio Lower Upper

91 100

126 3.0 14.9 44.9#



#83

tert-Butylbenzene

Concen: 1.966 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

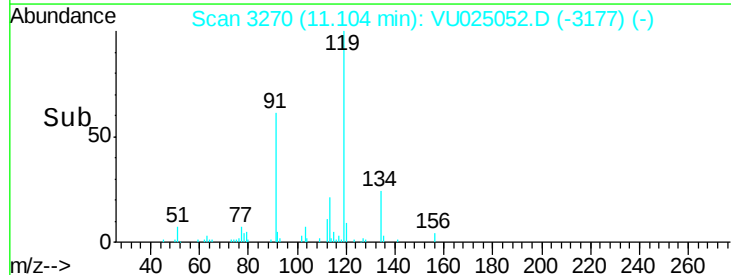
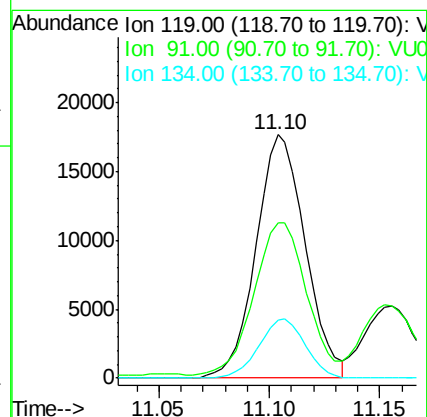
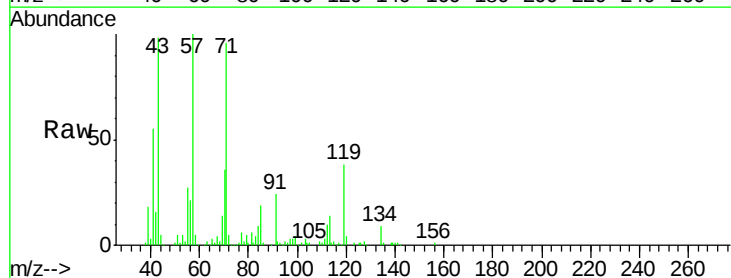
Tgt Ion: 119 Resp: 27290

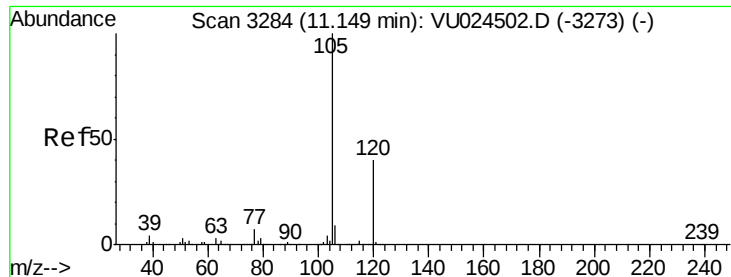
Ion Ratio Lower Upper

119 100

91 65.6 29.7 89.1

134 22.7 11.6 34.7

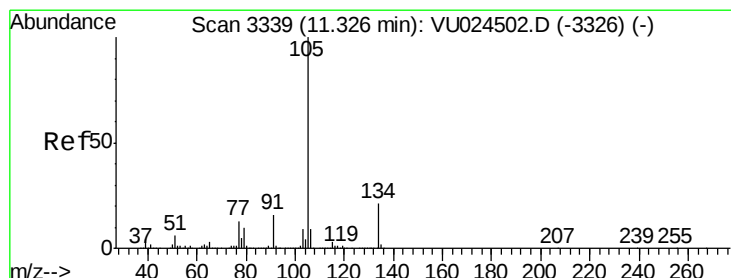
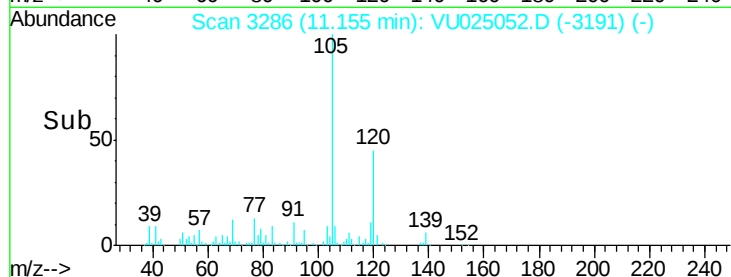
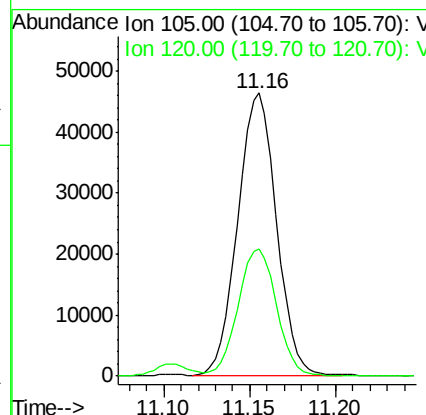
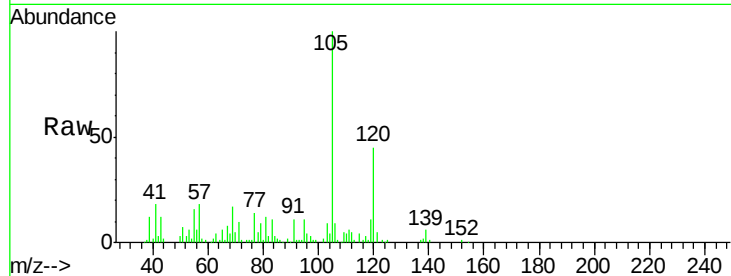




#84
 1,2,4-Trimethylbenzene
 Concen: 4.897 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

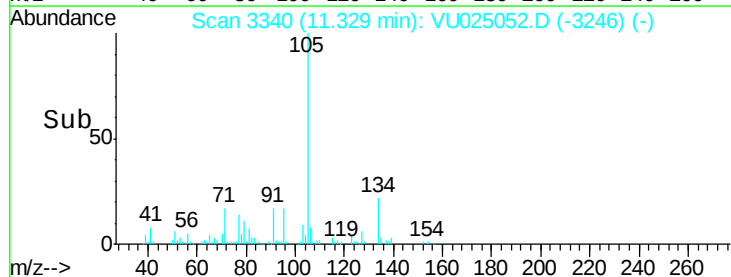
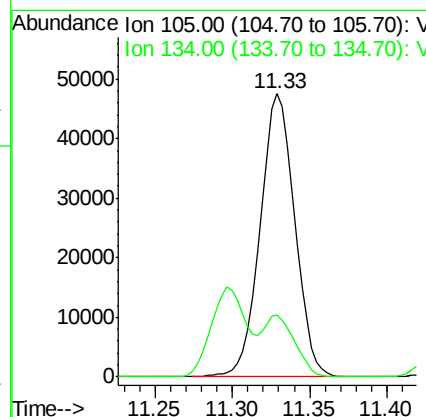
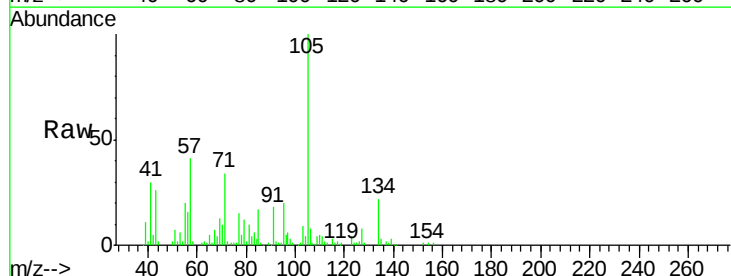
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

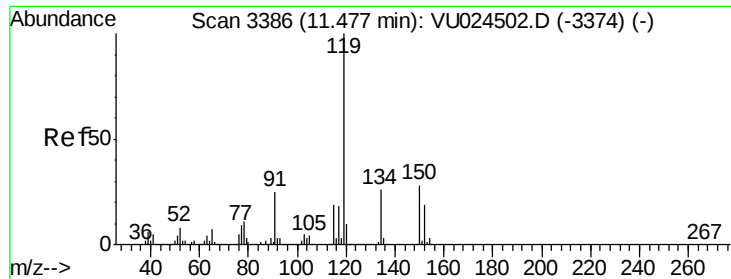
Tgt Ion:105 Resp: 72008
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 4.275 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Tgt Ion:105 Resp: 74268
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

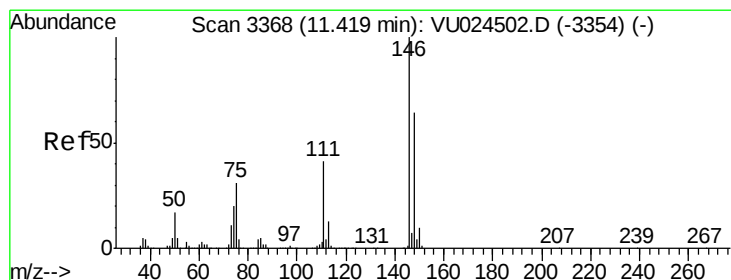
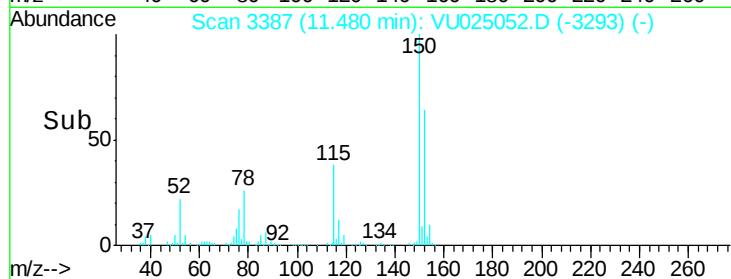
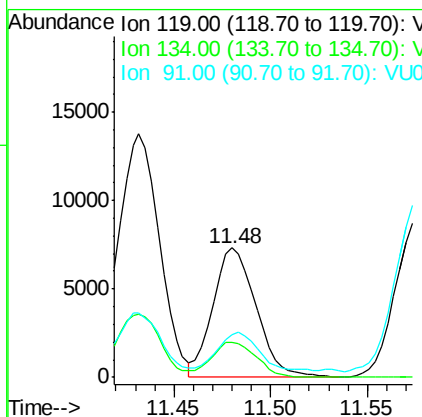
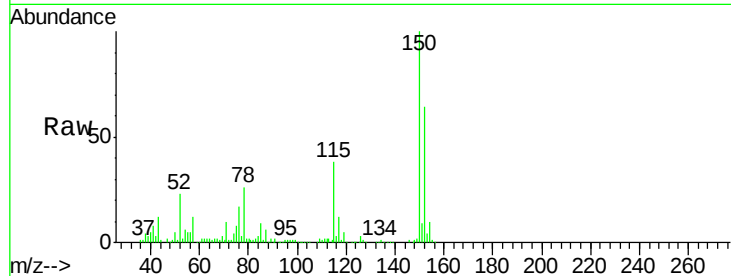




#86
 p-Isopropyltoluene
 Concen: 0.732 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

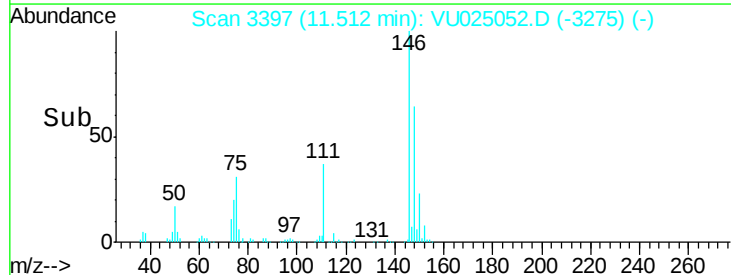
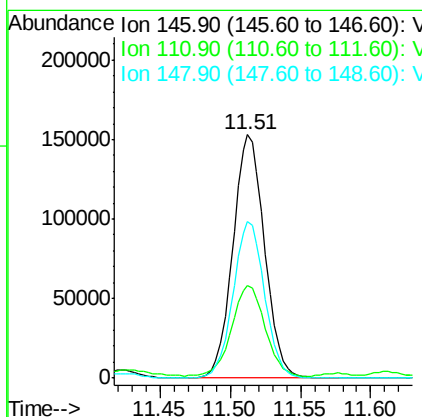
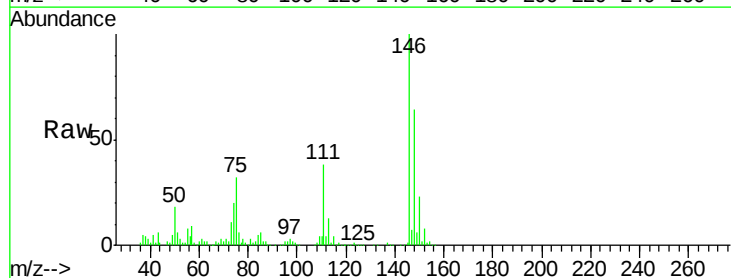
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

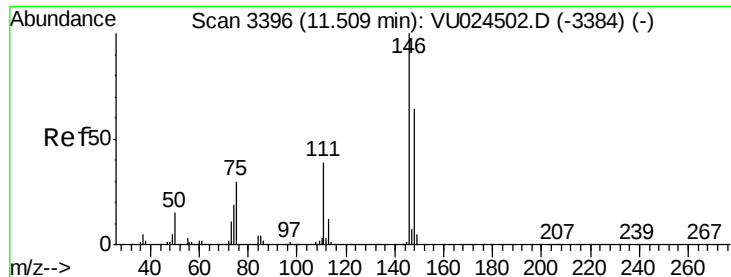
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.6
91	27.8	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 30.770 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.09 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.3	32.1	96.5

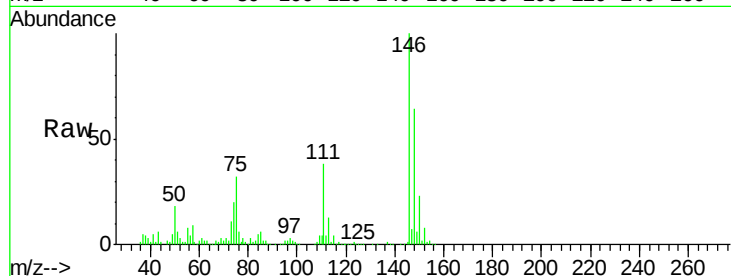




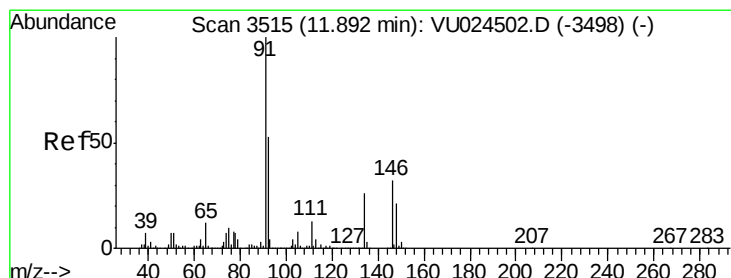
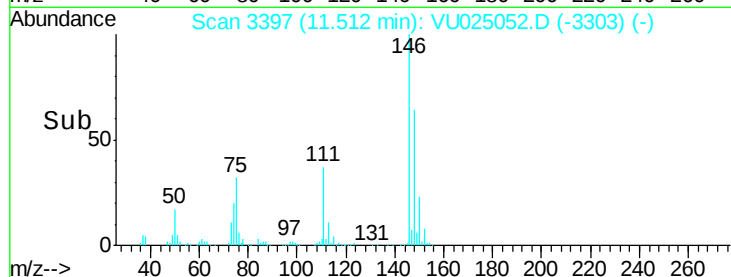
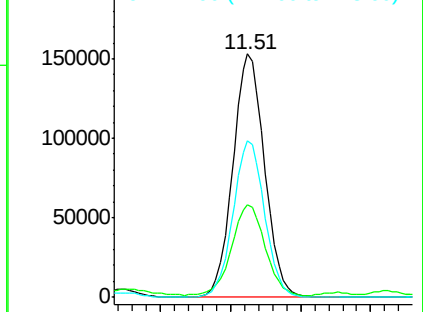
#88
 1,4-Dichlorobenzene
 Concen: 30.571 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

Tgt Ion:146 Resp: 239588
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.3 32.4 97.0

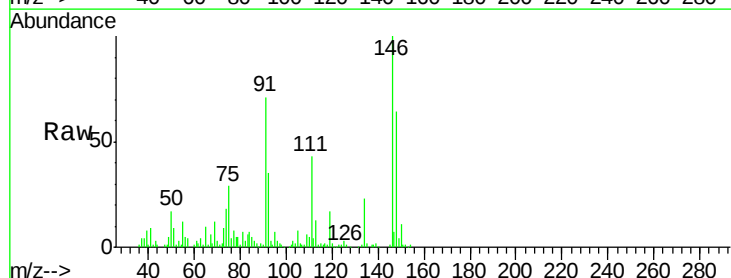


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

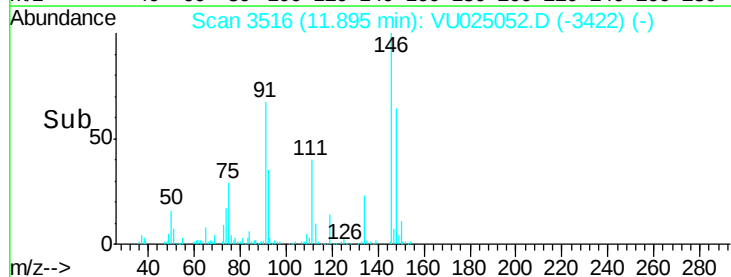
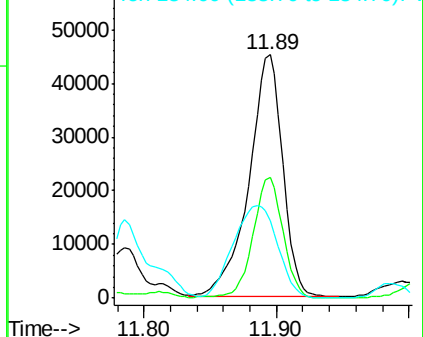


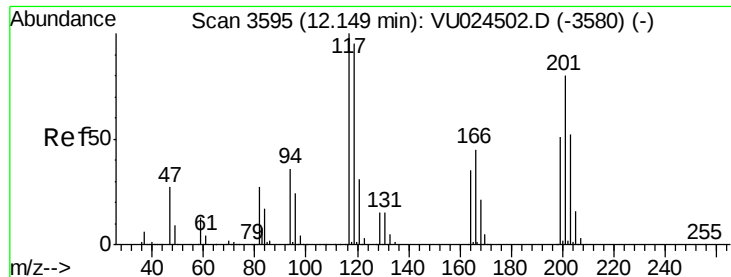
#89
 n-Butylbenzene
 Concen: 5.767 ug/l
 RT: 11.89 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Tgt Ion: 91 Resp: 79670
 Ion Ratio Lower Upper
 91 100
 92 44.5 25.6 76.8
 134 50.4 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.903 ug/l

RT: 12.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

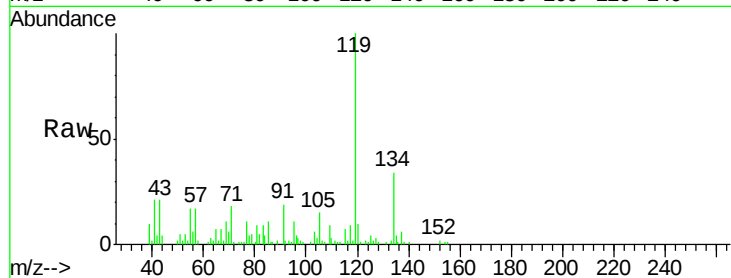
WP021SB481-11-13-180621ME

Tgt Ion:117 Resp: 2741

Ion Ratio Lower Upper

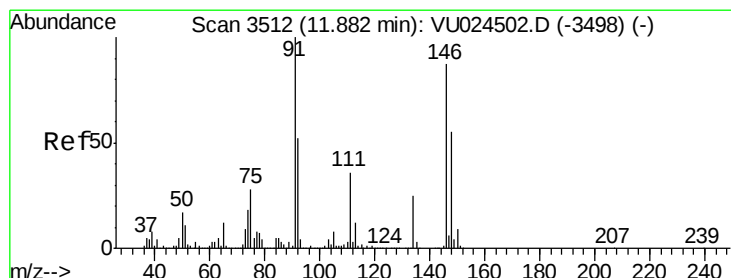
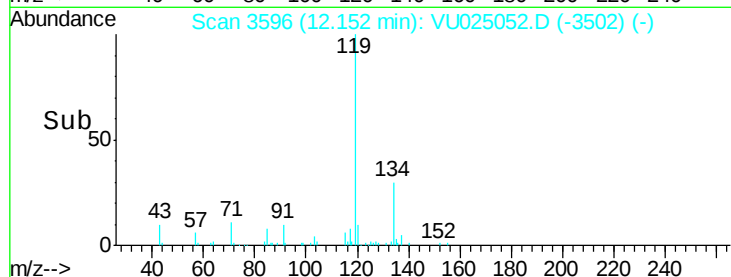
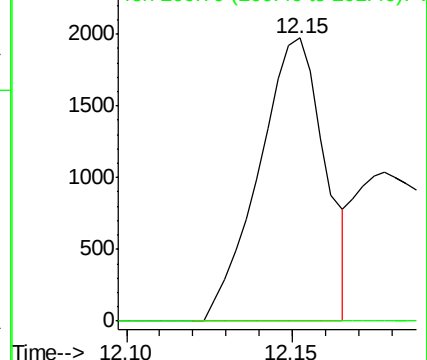
117 100

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



#91

1,2-Dichlorobenzene

Concen: 19.706 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025052.D

Acq: 29 Jun 2018 04:48

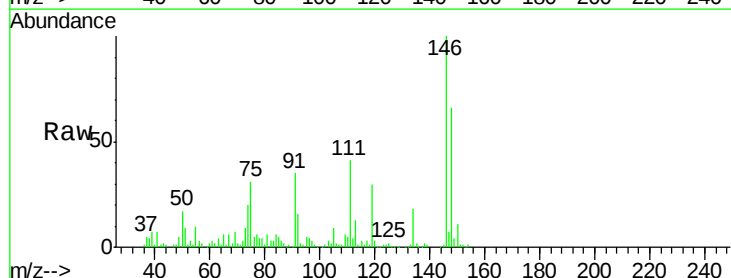
Tgt Ion:146 Resp: 153687

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

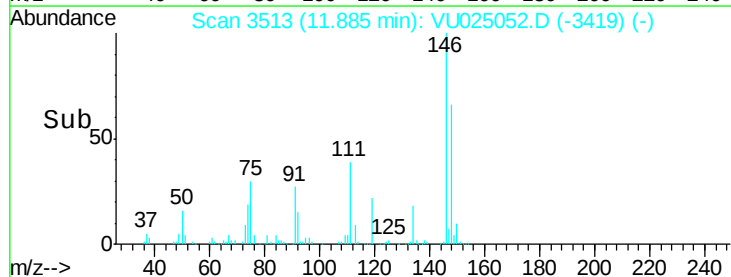
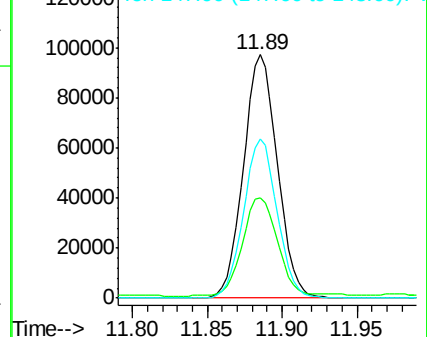
148 64.5 31.9 95.7

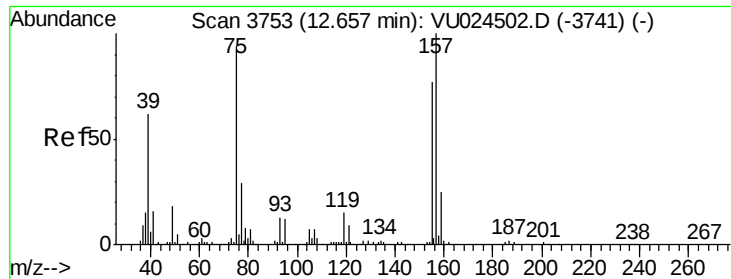


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

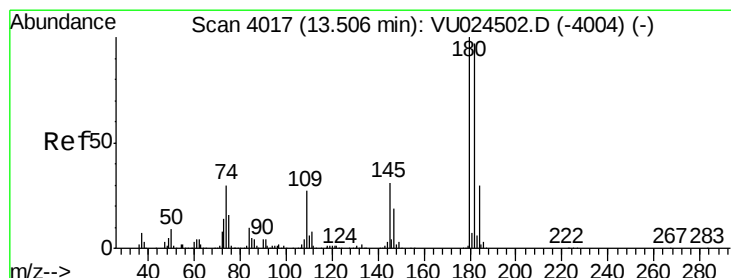
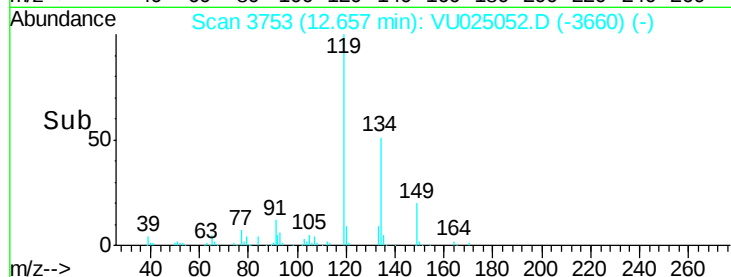
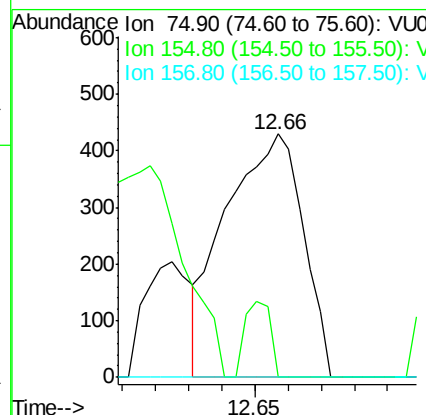
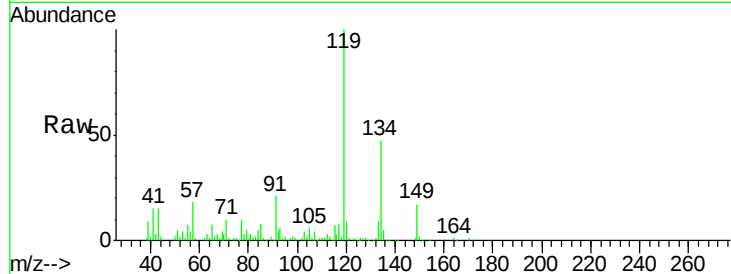




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.453 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

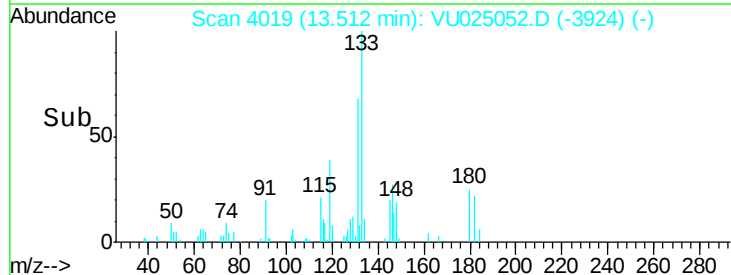
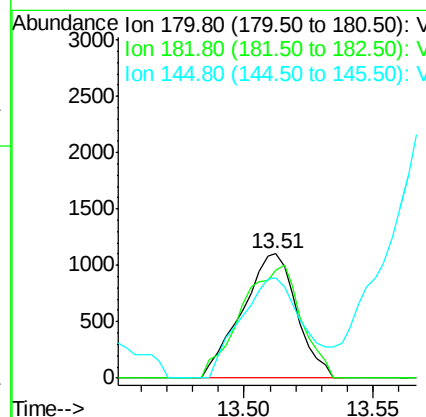
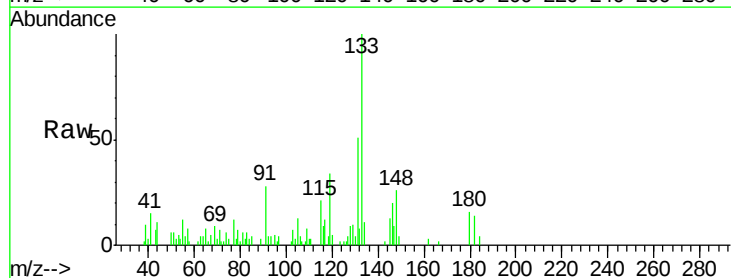
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-11-13-180621ME

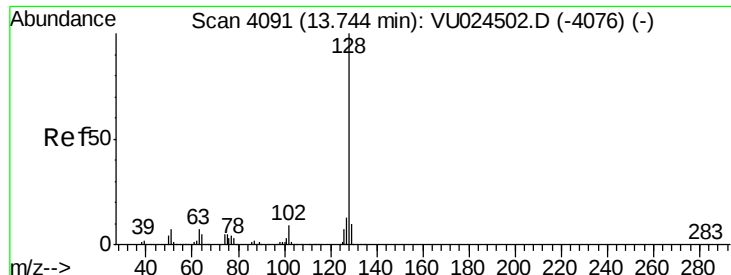
Tgt Ion: 75 Resp: 697
 Ion Ratio Lower Upper
 75 100
 155 10.3 40.4 121.2#
 157 0.0 52.3 156.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.339 ug/l
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025052.D
 Acq: 29 Jun 2018 04:48

Tgt Ion: 180 Resp: 1632
 Ion Ratio Lower Upper
 180 100
 182 98.7 48.0 144.2
 145 91.5 14.7 44.1#

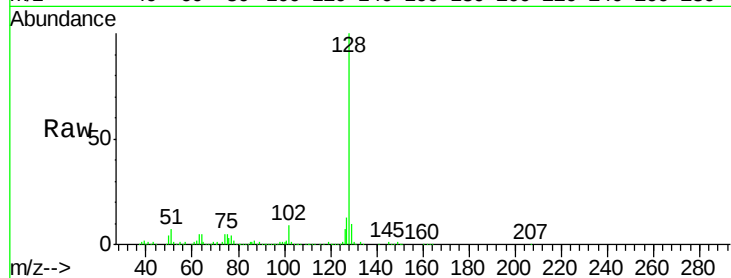




#95
Naphthalene
Concen: 16.384 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025052.D
Acq: 29 Jun 2018 04:48

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-11-13-180621ME

Tgt Ion:128 Resp: 253843
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 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

