

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025055.D
 Acq On : 29 Jun 2018 06:01
 Operator : MD/SY
 Sample : J3670-14ME
 Misc : 4.87g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-25-27-180621ME

Quant Time: Jun 29 08:40:54 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	242927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	371302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	361355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	226106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	179120	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	4.89	113	138623	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	7.57	98	535162	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	10.32	95	227951	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	867	0.279	ug/l	97
4) Vinyl Chloride	1.40	62	3073	0.959	ug/l	96
5) Bromomethane	1.61	94	766	0.495	ug/l	90
6) Chloroethane	1.68	64	824	Below Cal	#	43
8) Diethyl Ether	1.97	74	47	Below Cal	#	1
10) Methyl Iodide	2.39	142	274	5.384	ug/l #	40
11) Tert butyl alcohol	2.83	59	7925	8.216	ug/l #	72
13) Acrolein	2.18	56	259	0.511	ug/l #	80
16) Acetone	2.35	43	1233	0.579	ug/l #	44
18) Methyl Acetate	2.62	43	5472	1.198	ug/l	91
20) Methylene Chloride	2.69	84	766	0.229	ug/l #	73
27) cis-1,2-Dichloroethene	4.23	96	12153	3.470	ug/l	89
31) Cyclohexane	4.98	56	6613	Below Cal	#	34
36) 1,1-Dichloropropene	4.98	75	17811	4.082	ug/l #	52
38) Carbon Tetrachloride	4.98	117	23988	5.000	ug/l #	16
39) Methylcyclohexane	6.41	83	29038	5.333	ug/l	92
40) Benzene	5.39	78	56340	4.532	ug/l	100
43) Isopropyl Acetate	5.53	43	2174	0.264	ug/l #	62
48) Methyl methacrylate	6.63	41	821	0.205	ug/l #	80
52) Toluene	7.64	92	36790	4.600	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	3270	1.006	ug/l #	17
59) 2-Hexanone	8.33	43	1993	0.473	ug/l #	26
65) Chlorobenzene	9.13	112	774272	83.875	ug/l	99
67) Ethyl Benzene	9.26	91	79120	4.889	ug/l	100
68) m/p-Xylenes	9.38	106	81967	13.190	ug/l	99
69) o-Xylene	9.79	106	15621	2.540	ug/l	98
73) Isopropylbenzene	10.17	105	65722	3.786	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	116170	23.337	ug/l #	34
78) n-propylbenzene	10.59	91	165328	8.085	ug/l	98
79) 2-Chlorotoluene	10.69	91	77189	6.401	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	526728	35.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.69	75	5535	2.573	ug/l #	100
82) 4-Chlorotoluene	10.78	91	56965	4.059	ug/l #	45
83) tert-Butylbenzene	11.11	119	46700	3.227	ug/l	89

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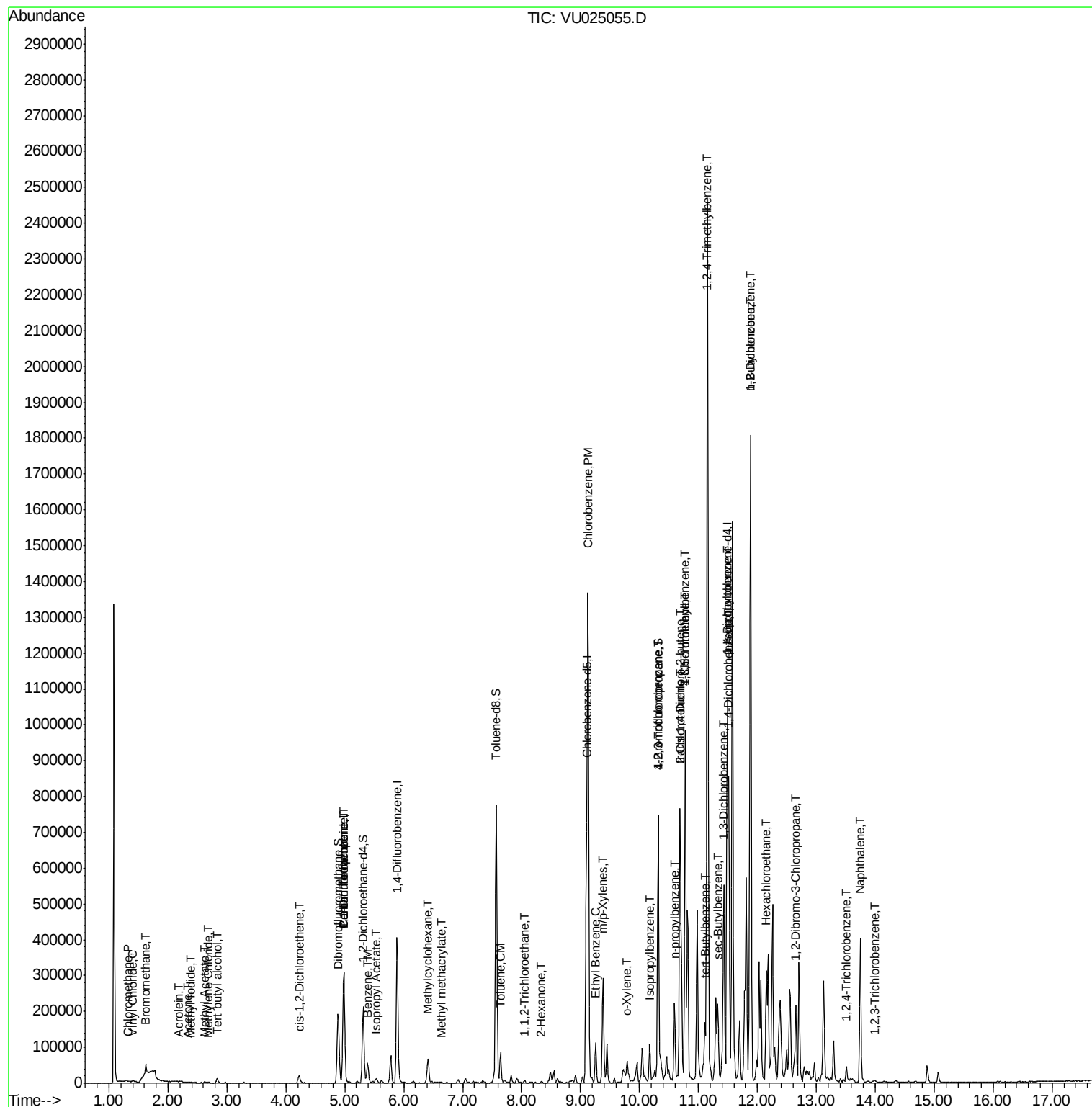
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	1345030	87.718	ug/l	100
85) sec-Butylbenzene	11.33	105	127473	7.036	ug/l	98
86) p-Isopropyltoluene	11.48	119	111299	6.859	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	86886	10.701	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	306930	37.558	ug/l	99
89) n-Butylbenzene	11.89	91	152125	10.560	ug/l #	23
90) Hexachloroethane	12.15	117	15242	4.815	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	432058	53.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	873	0.544	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.51	180	6941	1.382	ug/l	93
95) Naphthalene	13.75	128	319103	19.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	2179	0.435	ug/l #	83

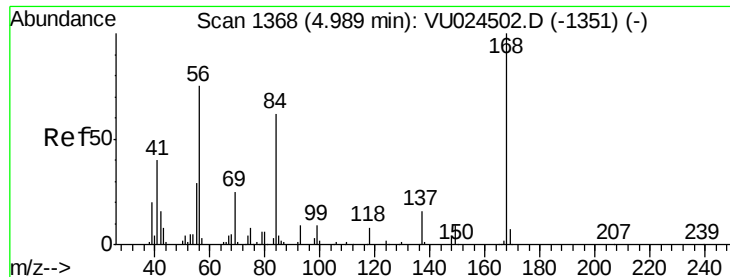
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

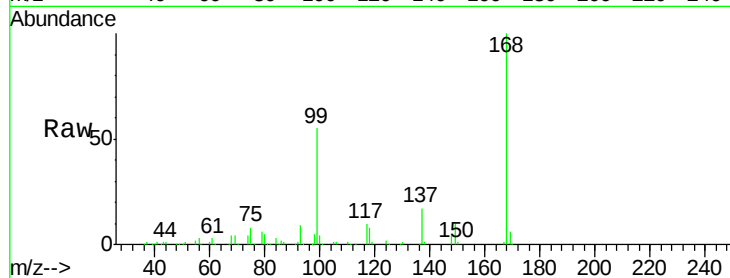
WP021SB477-25-27-180621ME

Tgt Ion:168 Resp: 242927

Ion Ratio Lower Upper

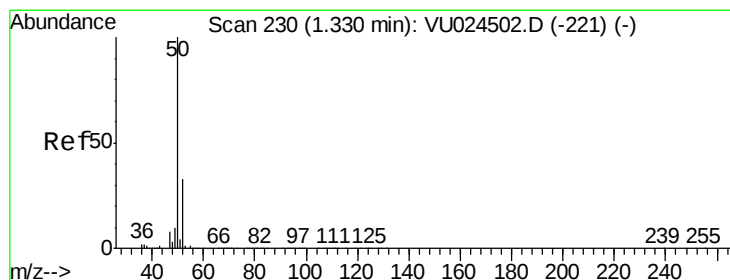
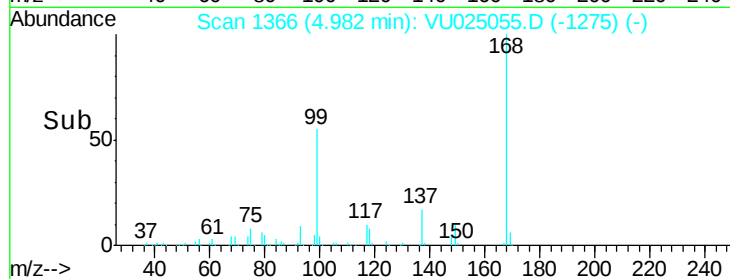
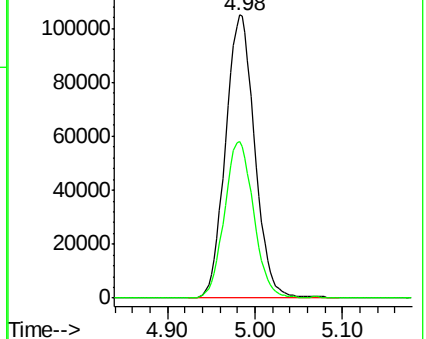
168 100

99 55.2 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#3

Chloromethane

Concen: 0.279 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025055.D

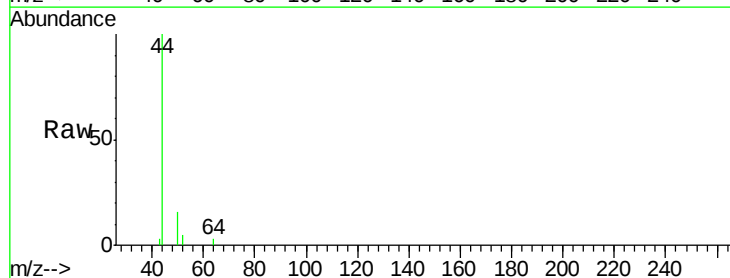
Acq: 29 Jun 2018 06:01

Tgt Ion: 50 Resp: 867

Ion Ratio Lower Upper

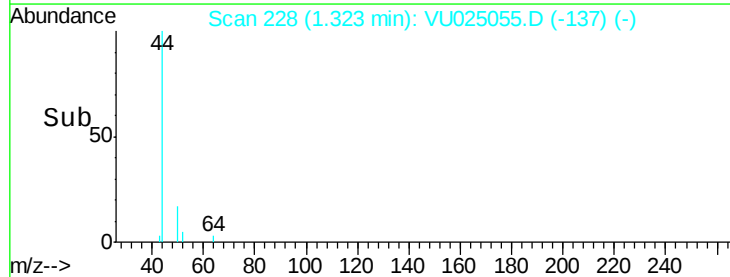
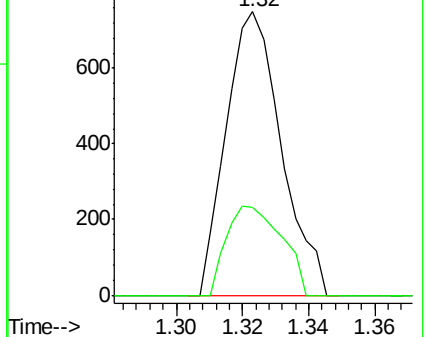
50 100

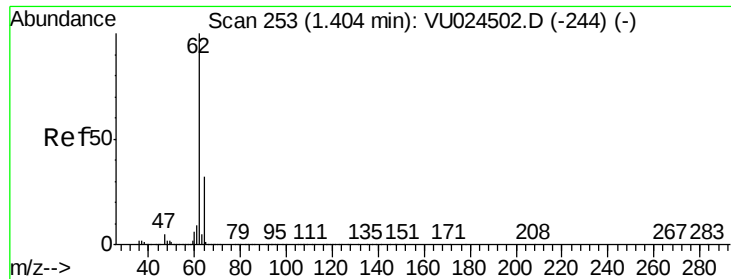
52 31.1 26.4 39.6



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

Ion 51.90 (51.60 to 52.60): VU024502.D





#4

Vinyl Chloride

Concen: 0.959 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

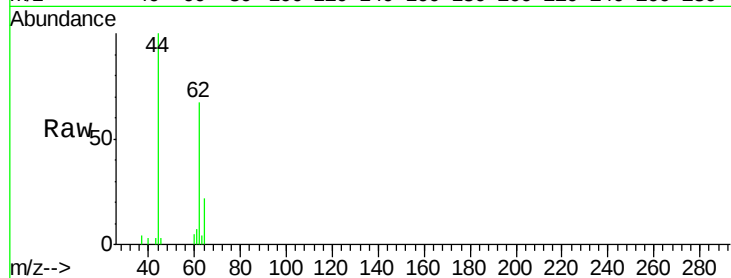
WP021SB477-25-27-180621ME

Tgt Ion: 62 Resp: 3073

Ion Ratio Lower Upper

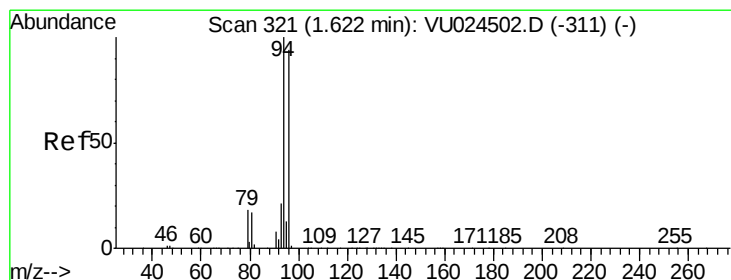
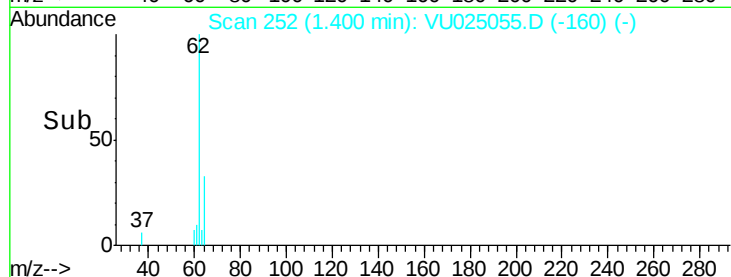
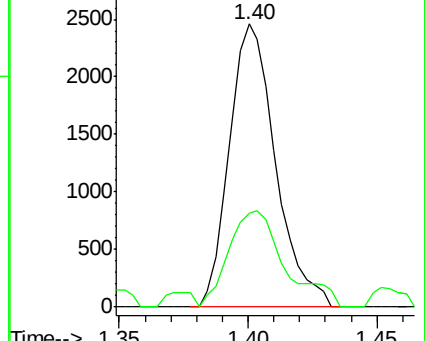
62 100

64 33.2 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: 0.495 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU025055.D

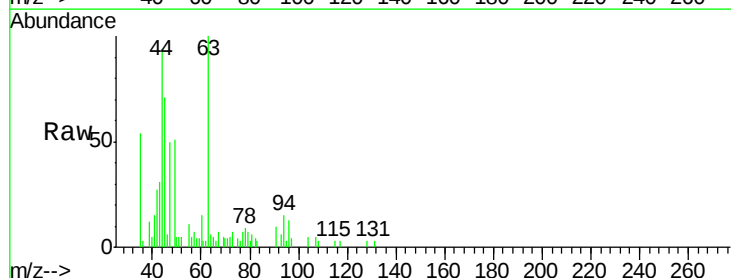
Acq: 29 Jun 2018 06:01

Tgt Ion: 94 Resp: 766

Ion Ratio Lower Upper

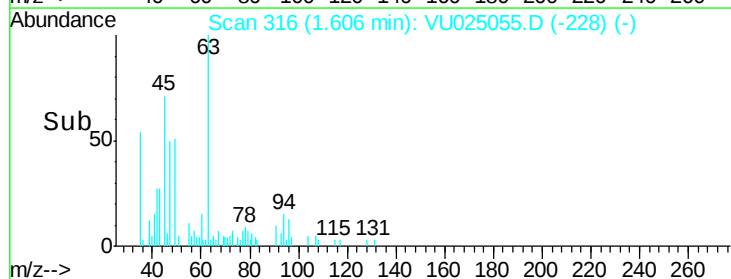
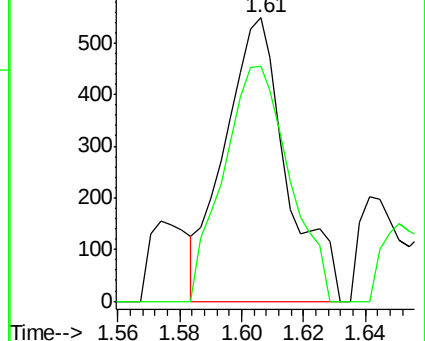
94 100

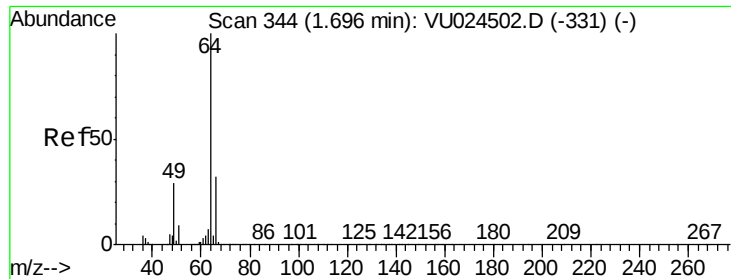
96 83.0 74.5 111.7



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# 340

Delta R.T. -0.01 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

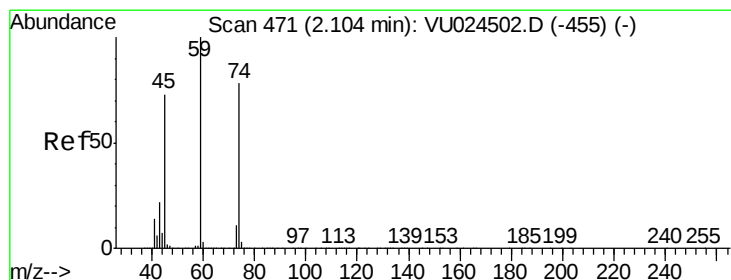
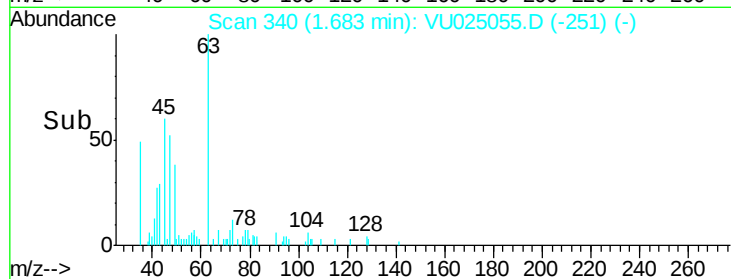
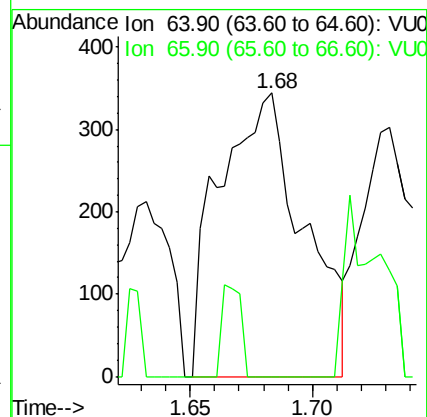
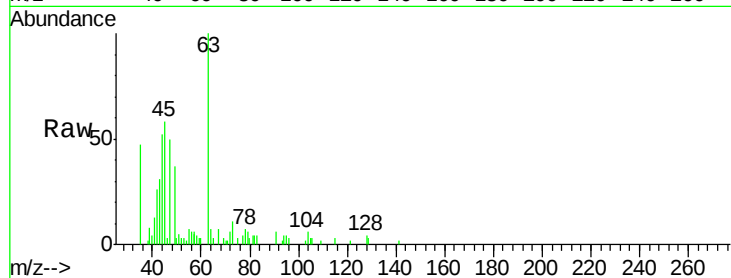
WP021SB477-25-27-180621ME

Tgt Ion: 64 Resp: 824

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 1.97 min Scan# 429

Delta R.T. -0.13 min

Lab File: VU025055.D

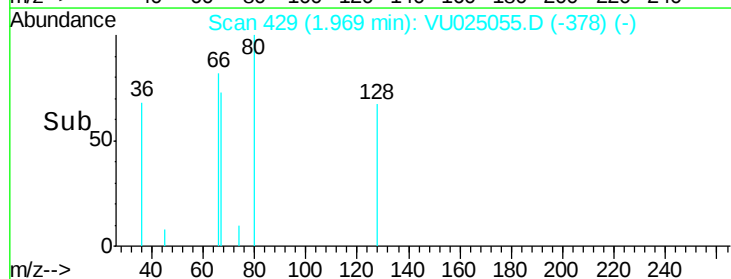
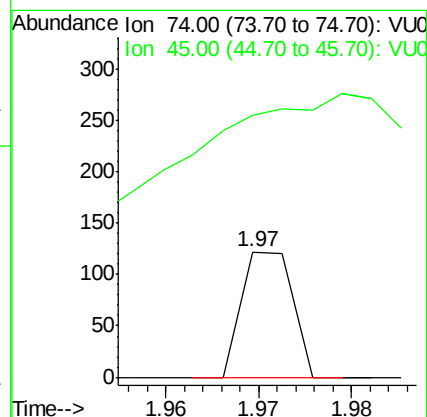
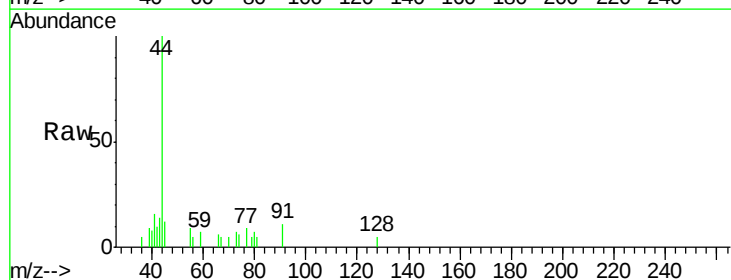
Acq: 29 Jun 2018 06:01

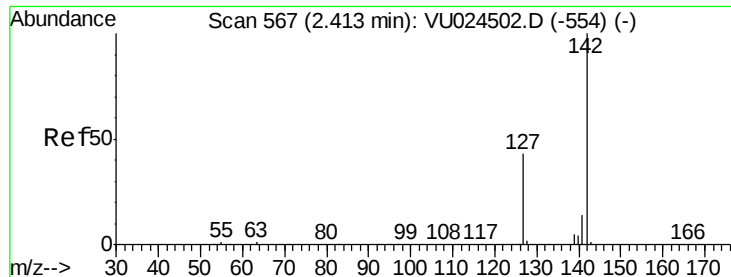
Tgt Ion: 74 Resp: 47

Ion Ratio Lower Upper

74 100

45 457.4 55.0 165.0#

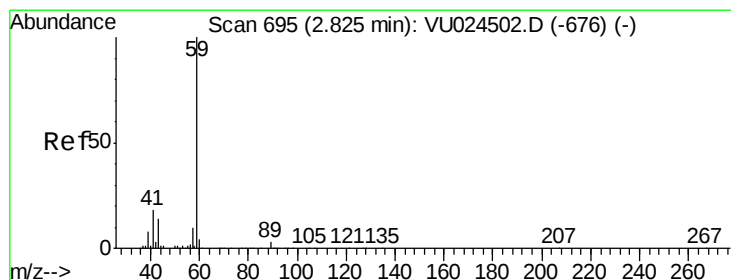
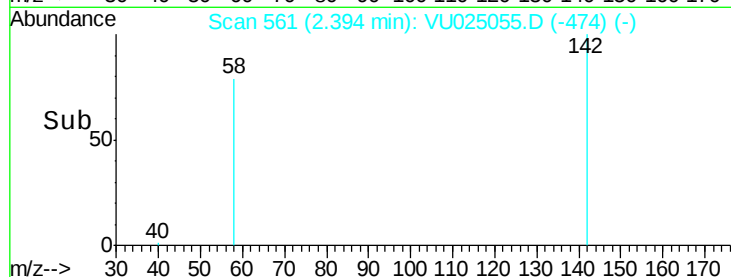
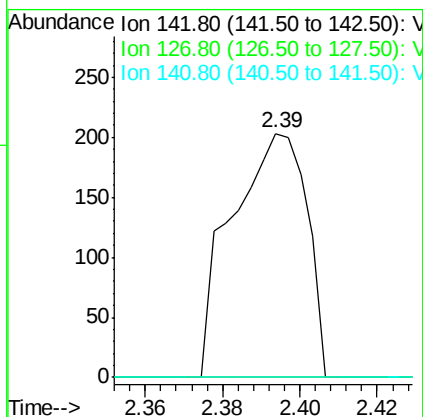
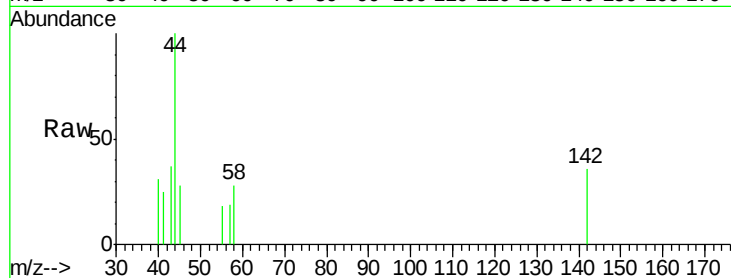




#10
Methyl Iodide
Concen: 5.384 ug/l
RT: 2.39 min Scan# 561
Delta R.T. -0.02 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

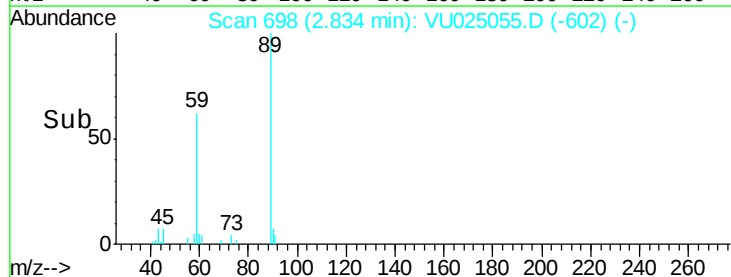
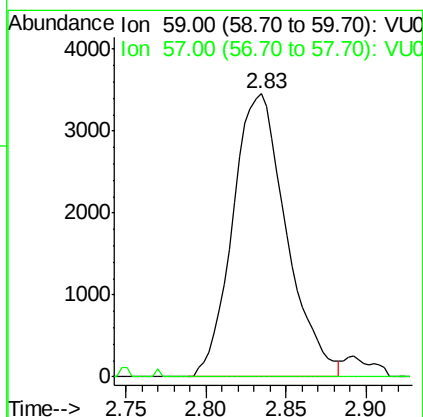
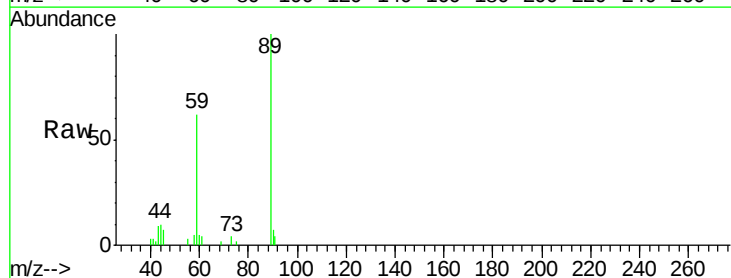
Instrument :
MSVOA_U
ClientSampleId :
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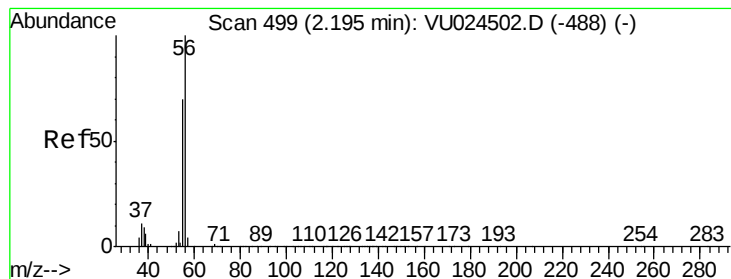
Tgt Ion:142 Resp: 274
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 8.216 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion: 59 Resp: 7925
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.511 ug/l

RT: 2.18 min Scan# 494

Delta R.T. -0.02 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

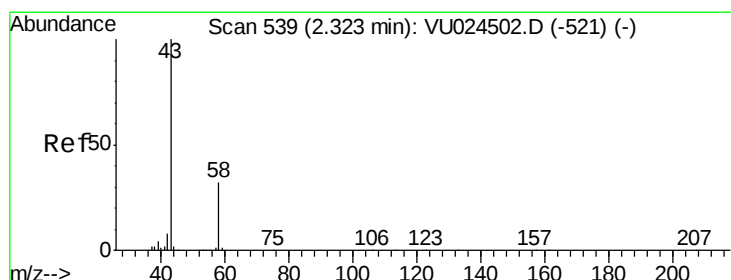
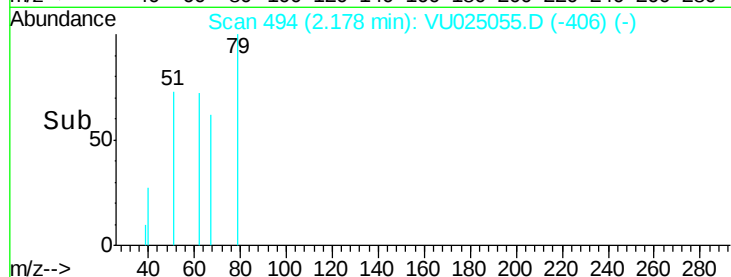
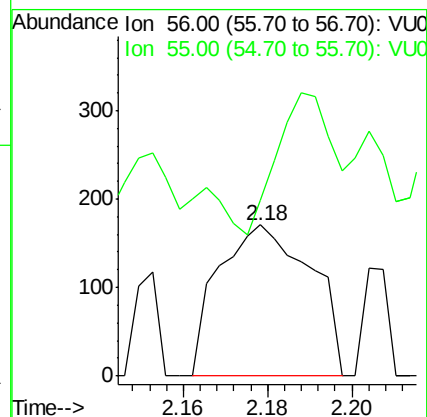
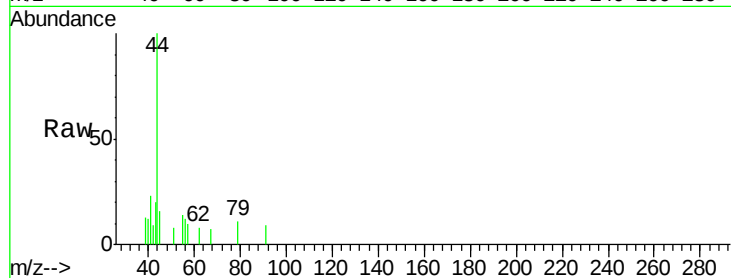
WP021SB477-25-27-180621ME

Tgt Ion: 56 Resp: 259

Ion Ratio Lower Upper

56 100

55 56.4 58.4 87.6#



#16

Acetone

Concen: 0.579 ug/l

RT: 2.35 min Scan# 546

Delta R.T. 0.02 min

Lab File: VU025055.D

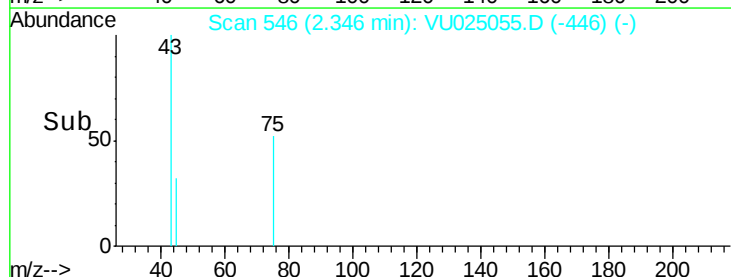
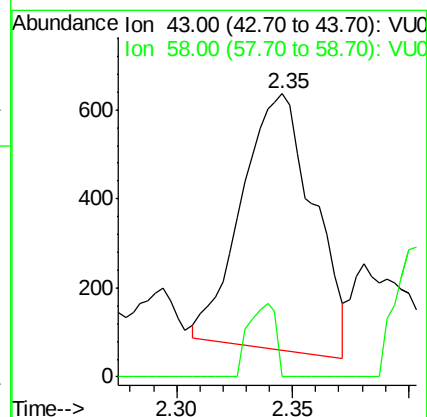
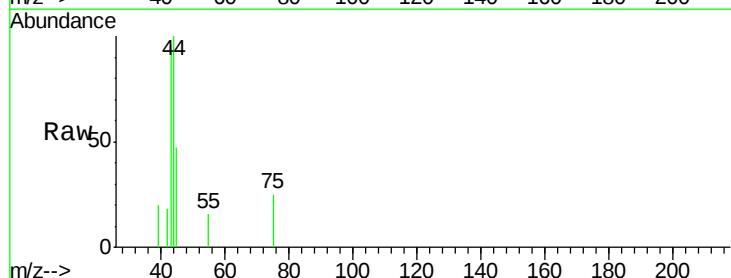
Acq: 29 Jun 2018 06:01

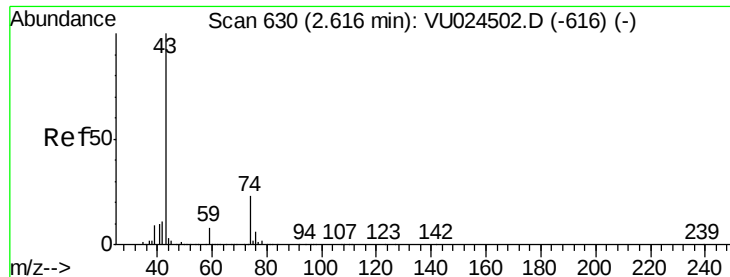
Tgt Ion: 43 Resp: 1233

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#

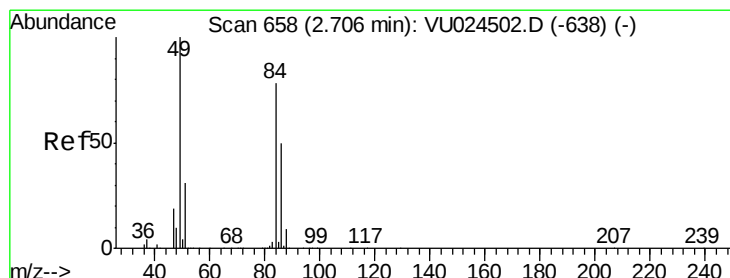
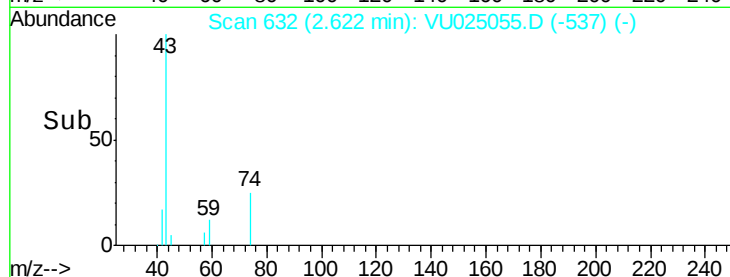
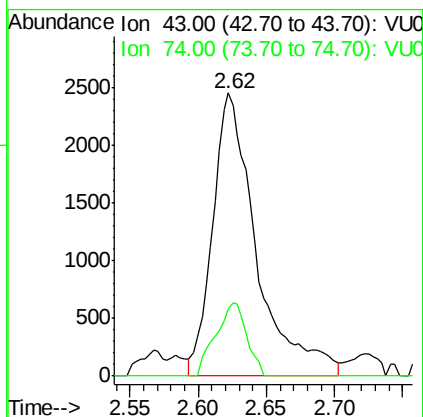
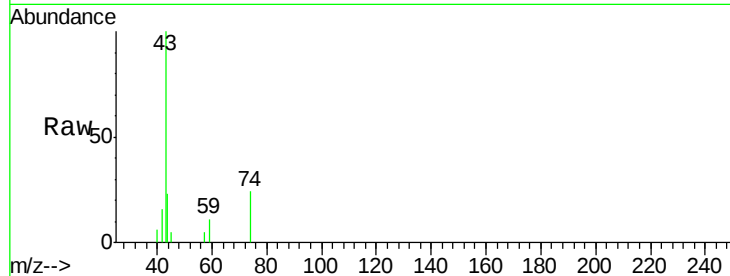




#18
Methyl Acetate
Concen: 1.198 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

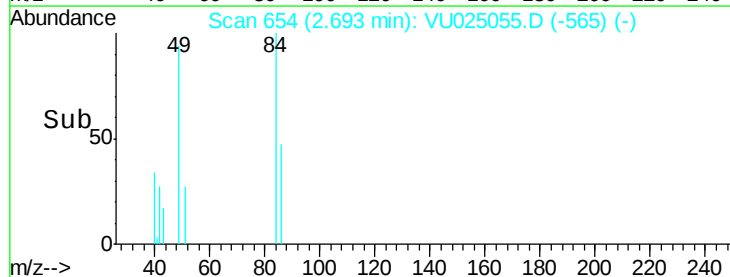
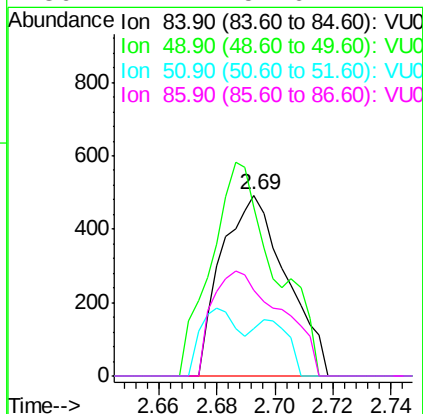
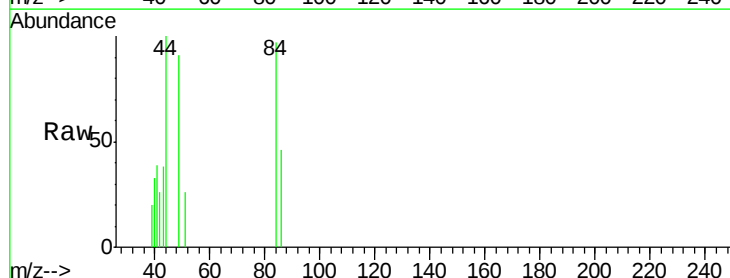
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

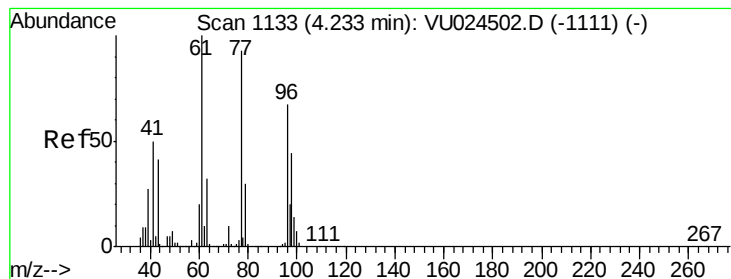
Tgt Ion: 43 Resp: 5472
Ion Ratio Lower Upper
43 100
74 18.3 18.0 27.0



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.69 min Scan# 654
Delta R.T. -0.01 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 93.7 103.8 155.8#
51 26.6 32.0 48.0#
86 47.4 51.6 77.4#





#27

cis-1,2-Dichloroethene

Concen: 3.470 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-25-27-180621ME

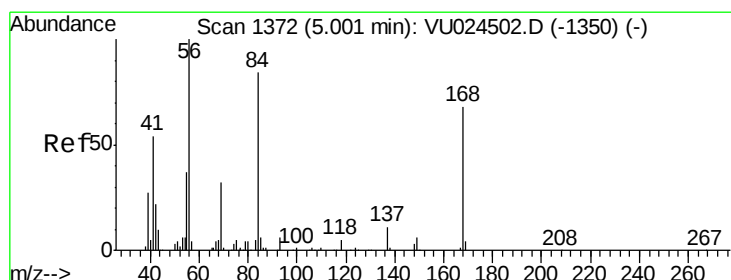
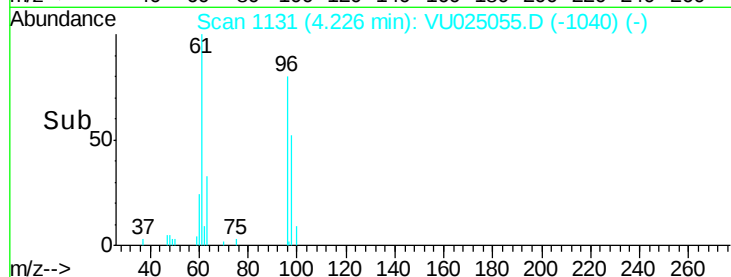
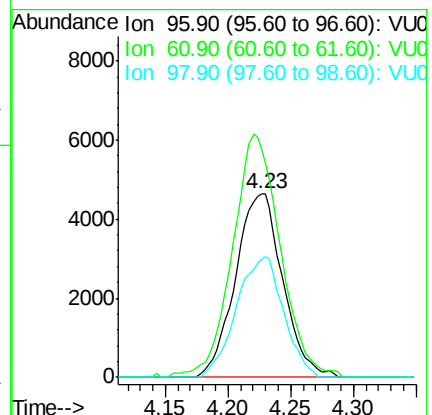
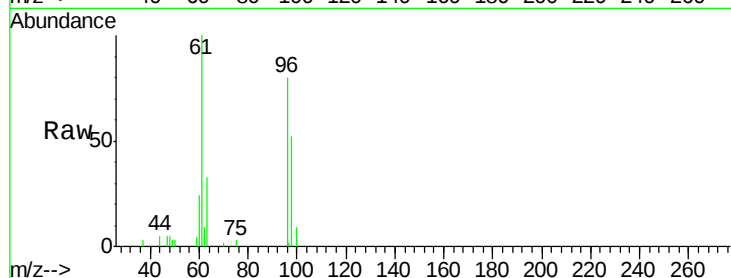
Tgt Ion: 96 Resp: 12153

Ion Ratio Lower Upper

96 100

61 133.7 0.0 306.6

98 65.4 0.0 128.8



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

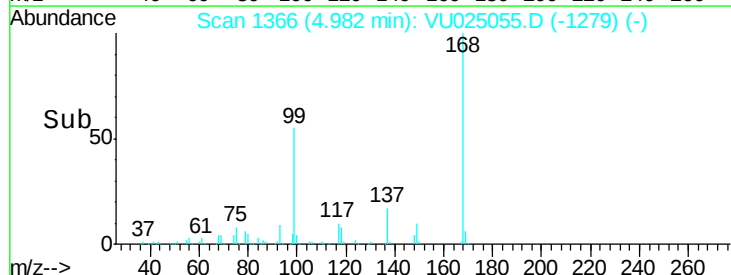
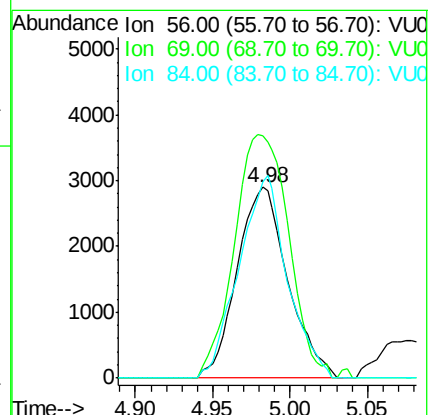
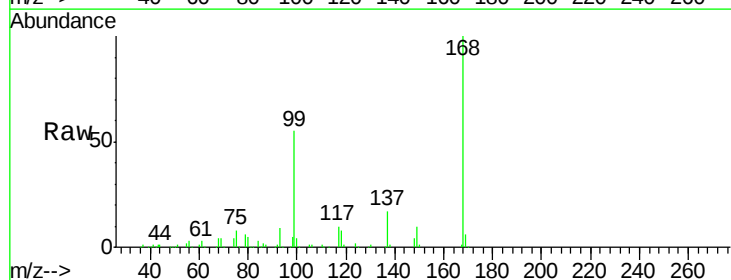
Tgt Ion: 56 Resp: 6613

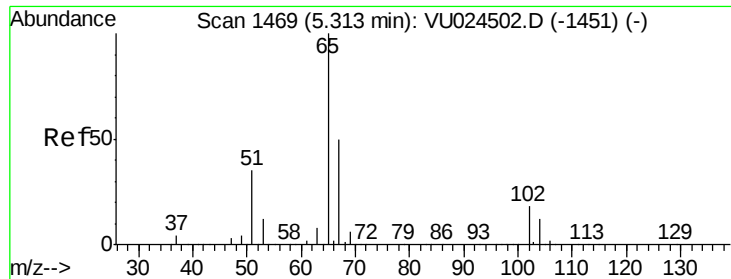
Ion Ratio Lower Upper

56 100

69 126.9 24.8 37.2#

84 103.0 65.2 97.8#

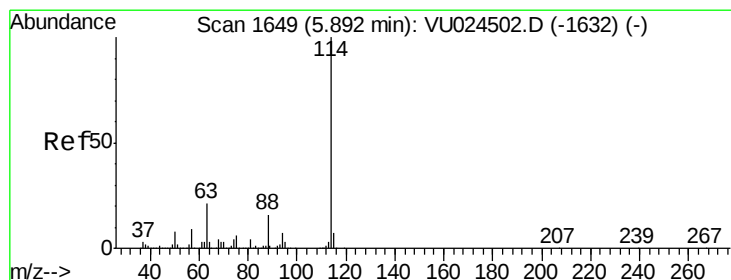
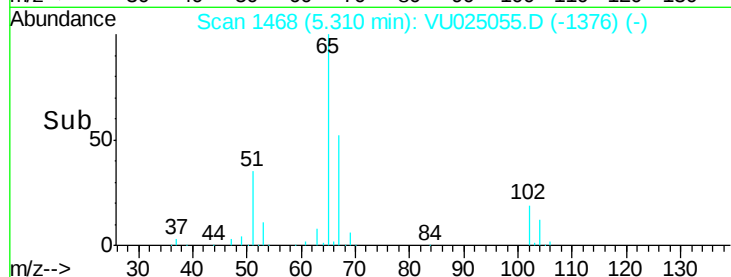
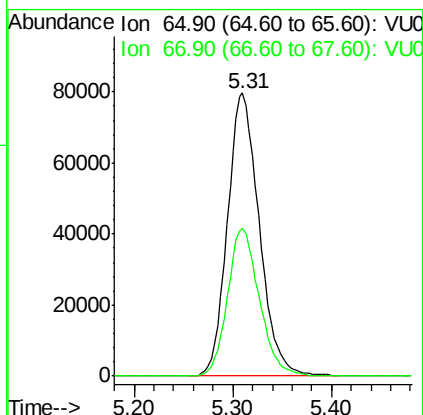
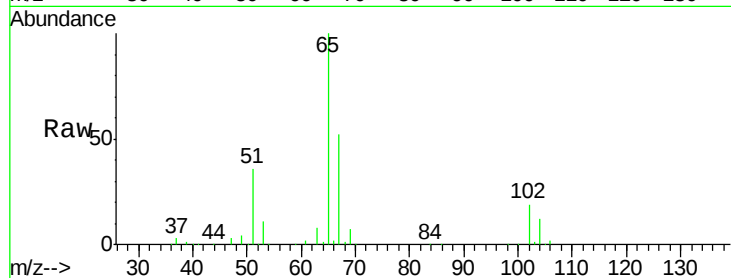




#33
 1,2-Dichloroethane-d4
 Concen: 45.166 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025055.D
 Acq: 29 Jun 2018 06:01

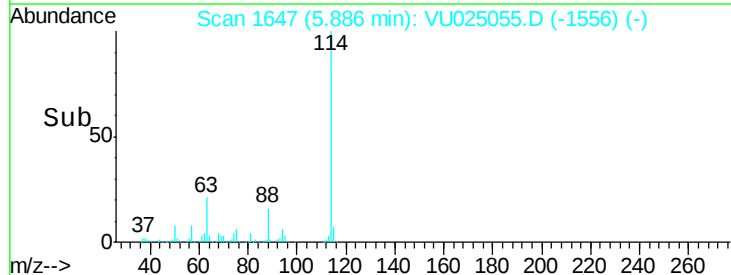
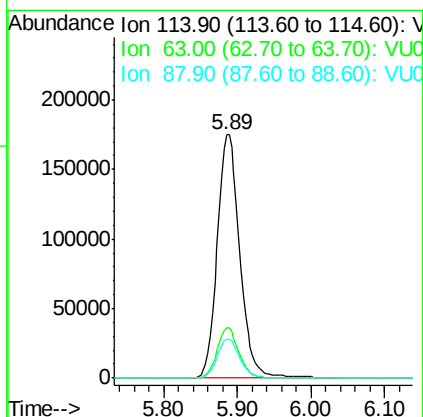
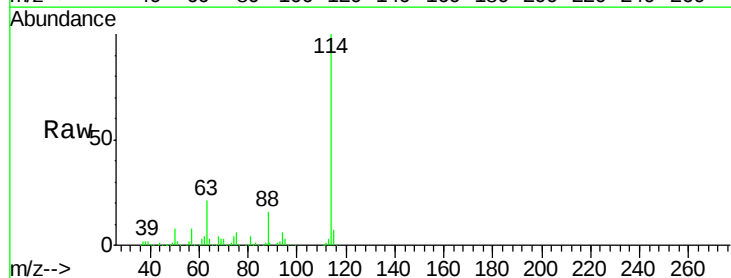
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-25-27-180621ME

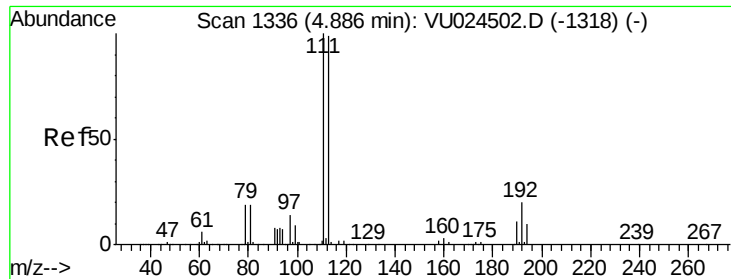
Tgt Ion: 65 Resp: 179120
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025055.D
 Acq: 29 Jun 2018 06:01

Tgt Ion: 114 Resp: 371302
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.0 0.0 31.0

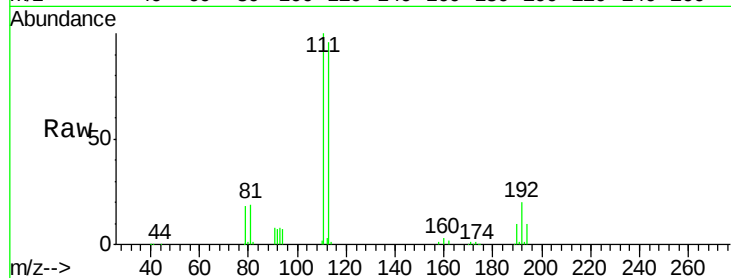




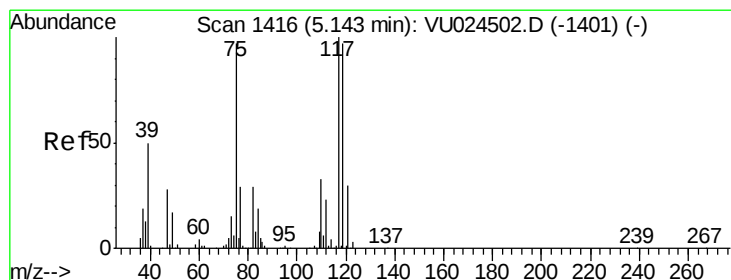
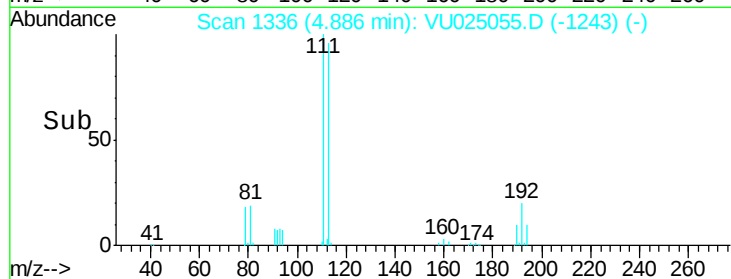
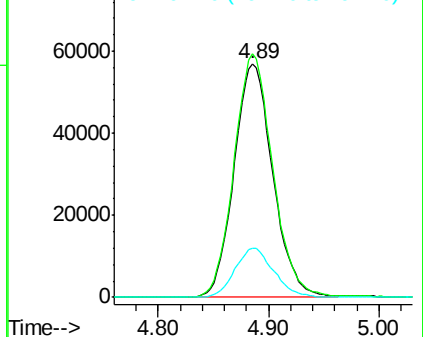
#35
 Dibromofluoromethane
 Concen: 44.985 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025055.D
 Acq: 29 Jun 2018 06:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	21.1	16.2	24.4

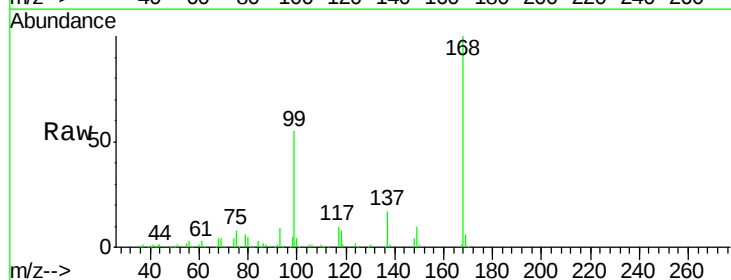


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

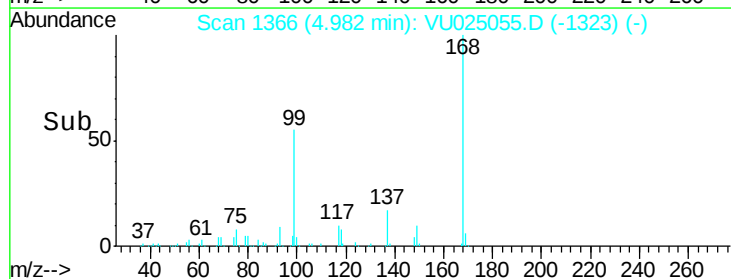
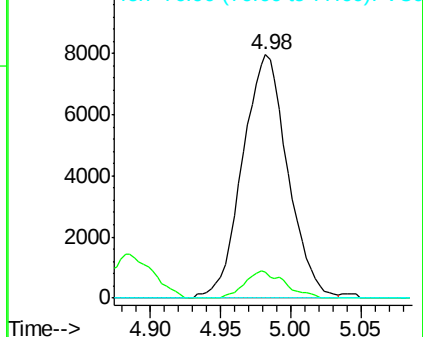


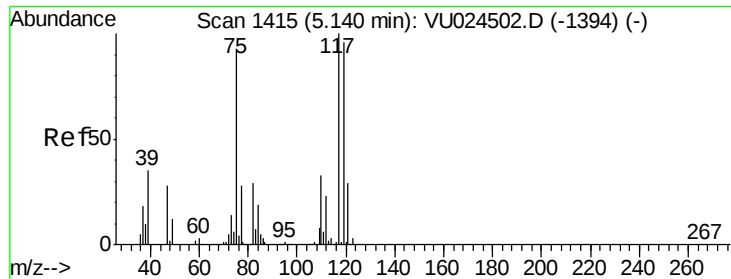
#36
 1,1-Dichloropropene
 Concen: 4.082 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.16 min
 Lab File: VU025055.D
 Acq: 29 Jun 2018 06:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	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

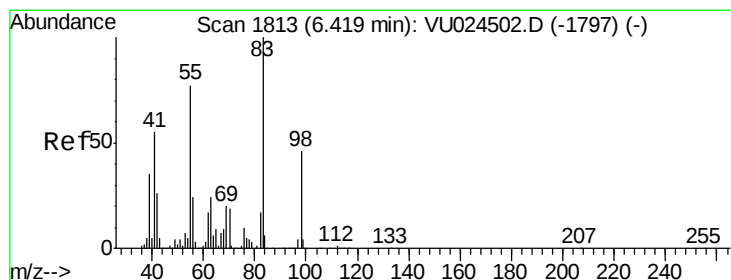
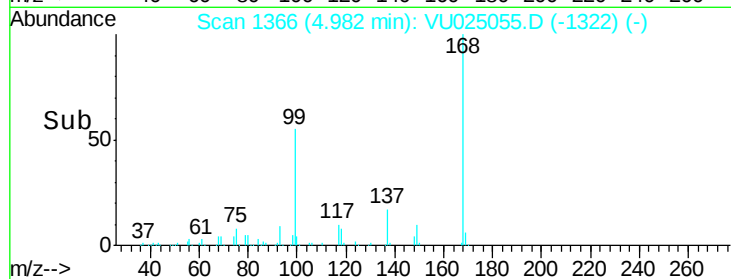
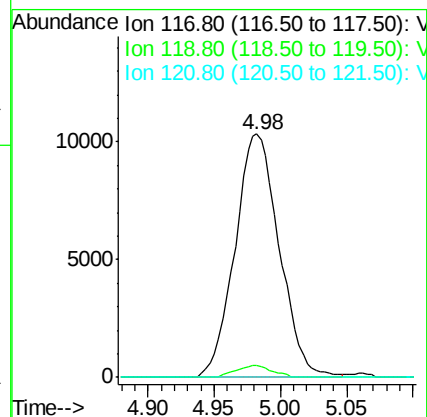
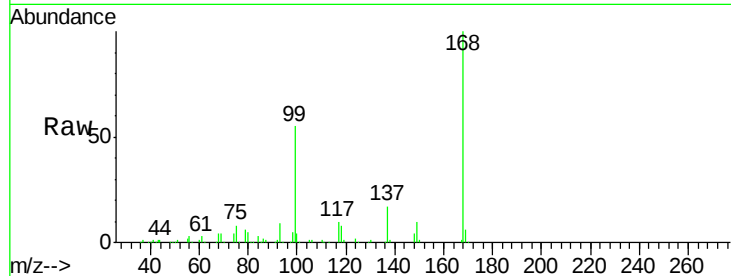




#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

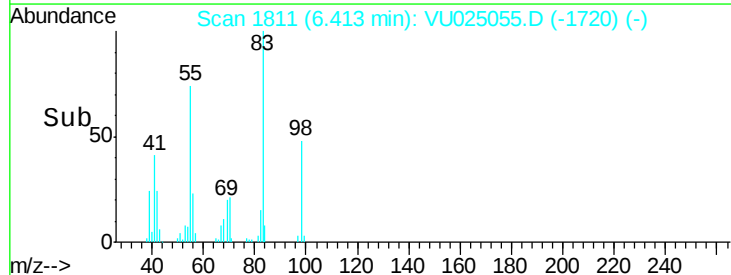
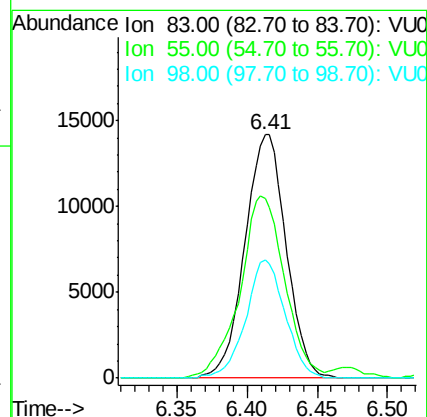
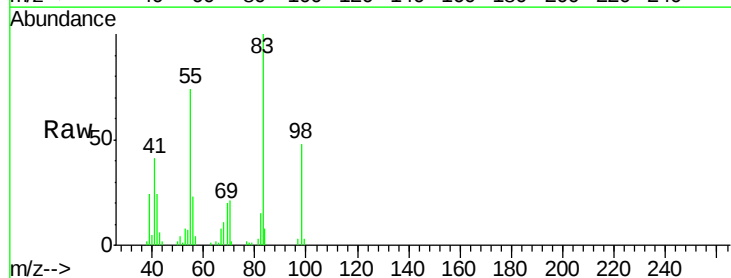
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

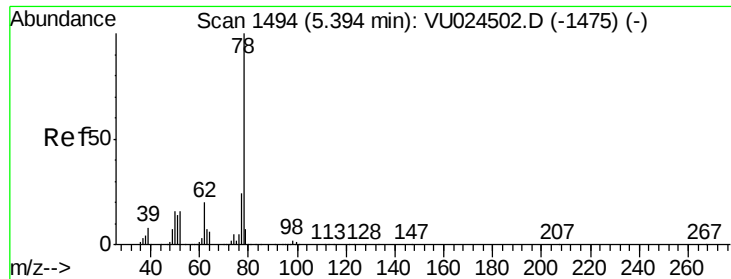
Tgt Ion:117 Resp: 23988
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 23.7 35.5#



#39
Methylcyclohexane
Concen: 5.333 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion: 83 Resp: 29038
Ion Ratio Lower Upper
83 100
55 72.4 65.8 98.6
98 48.3 36.7 55.1





#40

Benzene

Concen: 4.532 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

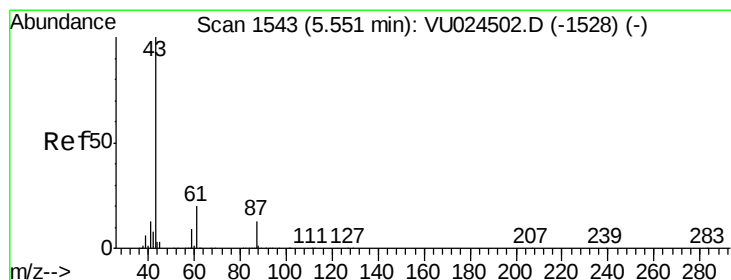
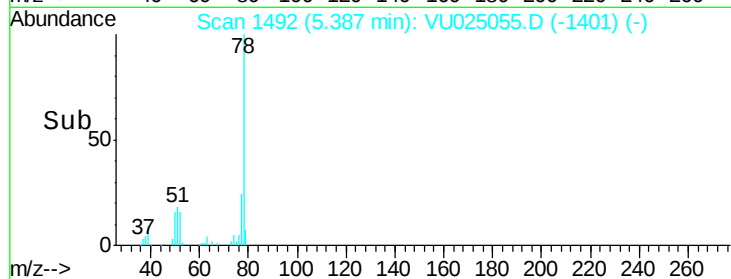
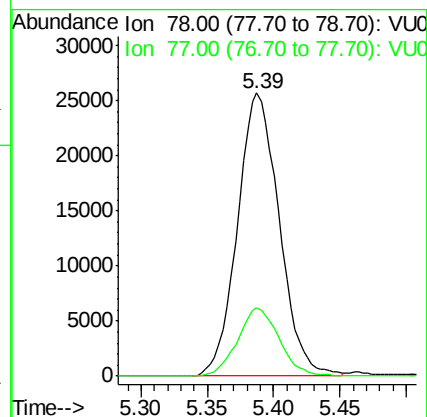
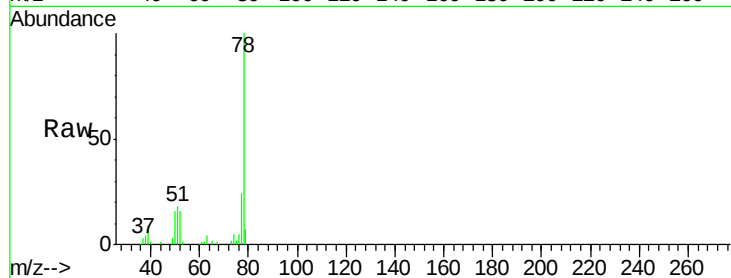
WP021SB477-25-27-180621ME

Tgt Ion: 78 Resp: 56340

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



#43

Isopropyl Acetate

Concen: 0.264 ug/l

RT: 5.53 min Scan# 1536

Delta R.T. -0.02 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

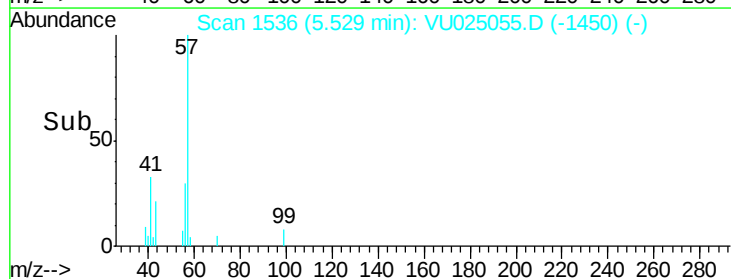
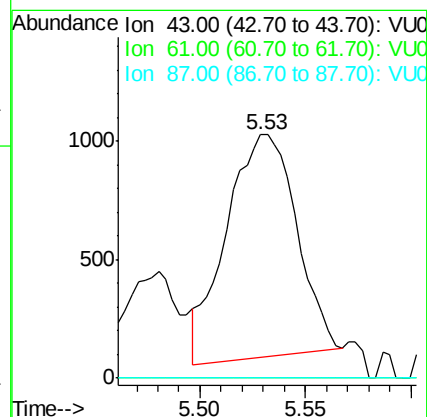
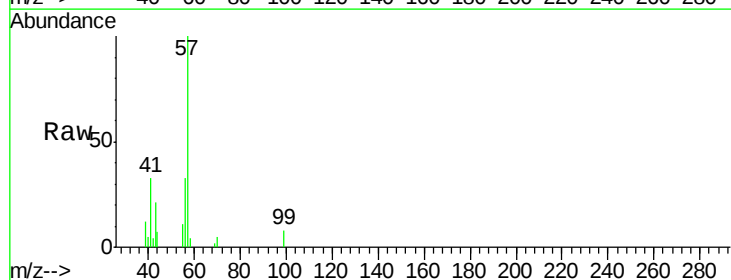
Tgt Ion: 43 Resp: 2174

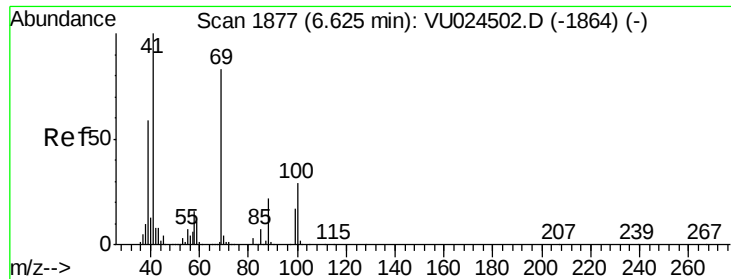
Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 0.0 10.0 15.0#

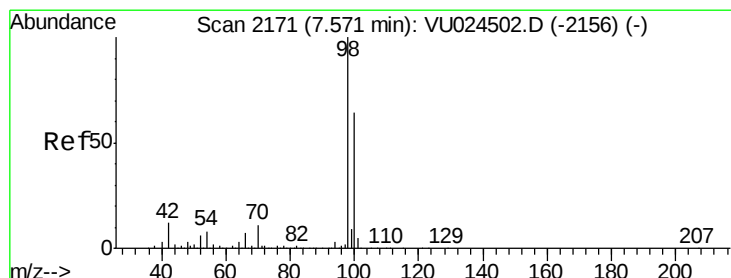
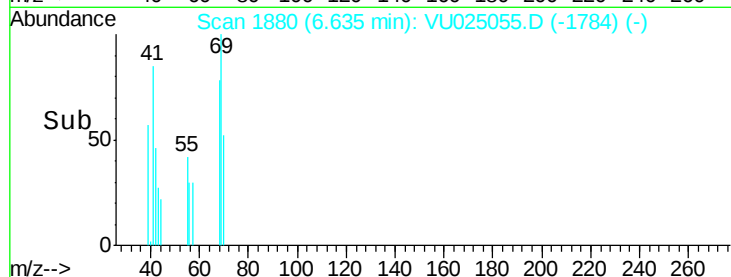
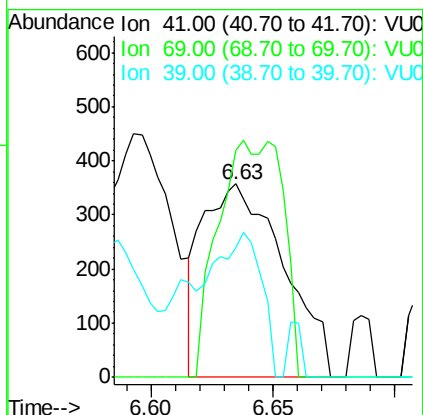
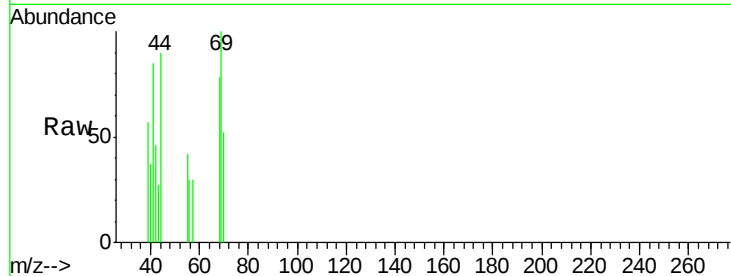




#48
Methyl methacrylate
Concen: 0.205 ug/l
RT: 6.63 min Scan# 1880
Delta R.T. 0.01 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

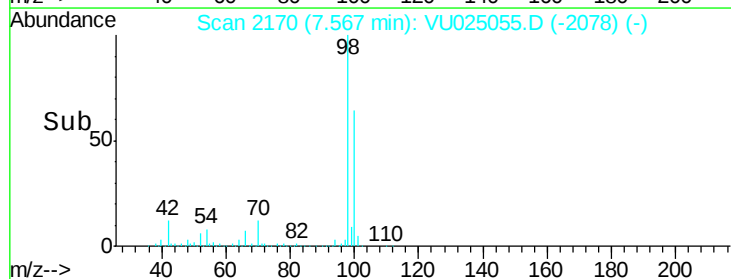
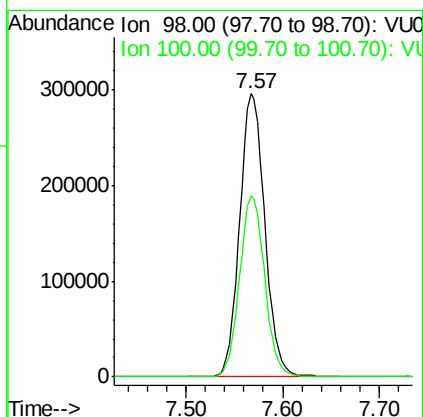
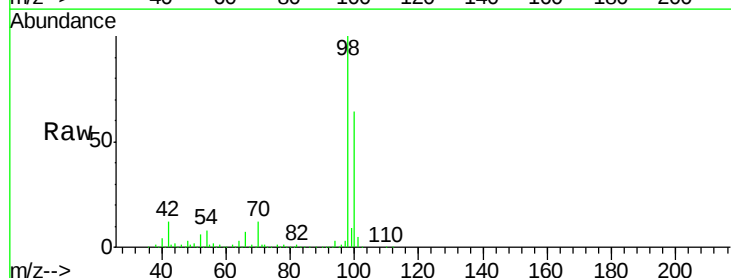
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

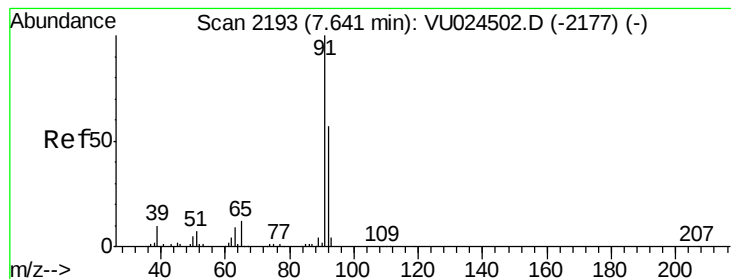
Tgt Ion: 41 Resp: 821
Ion Ratio Lower Upper
41 100
69 64.9 67.3 100.9#
39 45.1 46.5 69.7#



#50
Toluene-d8
Concen: 47.612 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion: 98 Resp: 535162
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7





#52

Toluene

Concen: 4.600 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

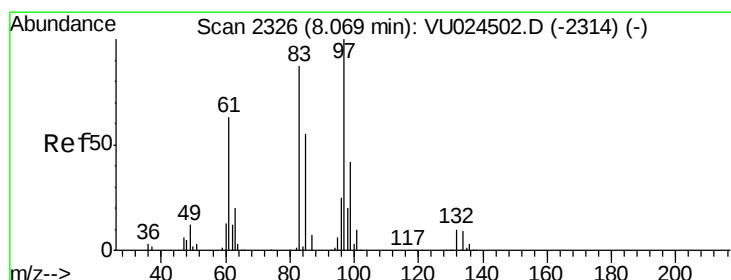
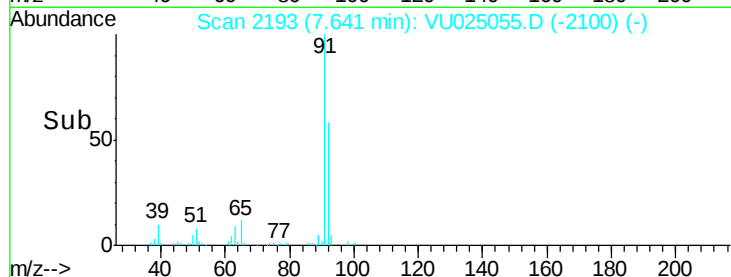
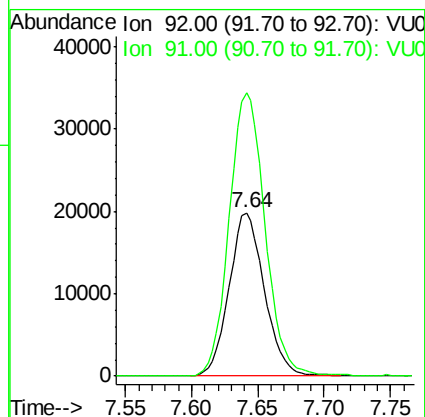
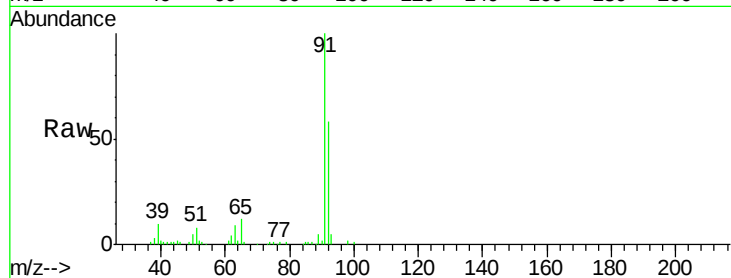
WP021SB477-25-27-180621ME

Tgt Ion: 92 Resp: 36790

Ion Ratio Lower Upper

92 100

91 174.9 140.5 210.7



#55

1,1,2-Trichloroethane

Concen: 1.006 ug/l

RT: 8.05 min Scan# 2319

Delta R.T. -0.02 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Tgt Ion: 97 Resp: 3270

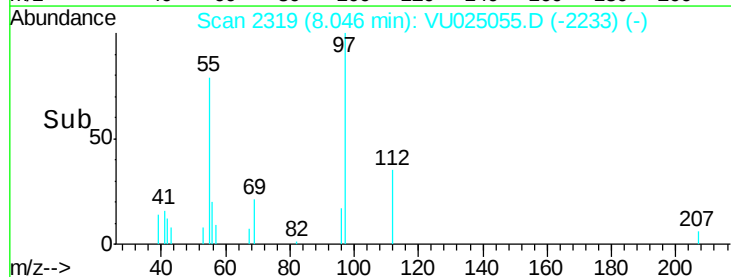
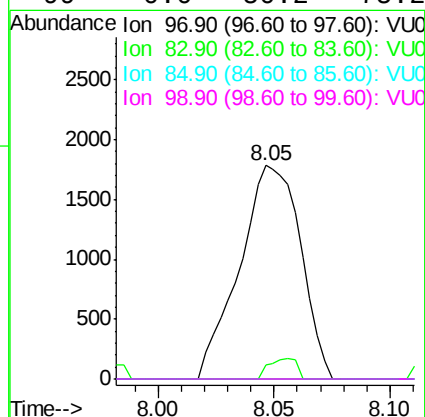
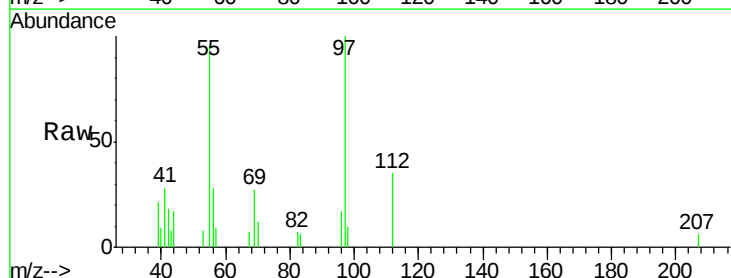
Ion Ratio Lower Upper

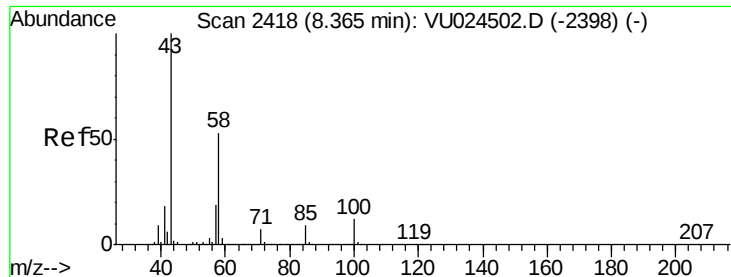
97 100

83 6.4 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#





#59

2-Hexanone

Concen: 0.473 ug/l

RT: 8.33 min Scan# 2408

Delta R.T. -0.03 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

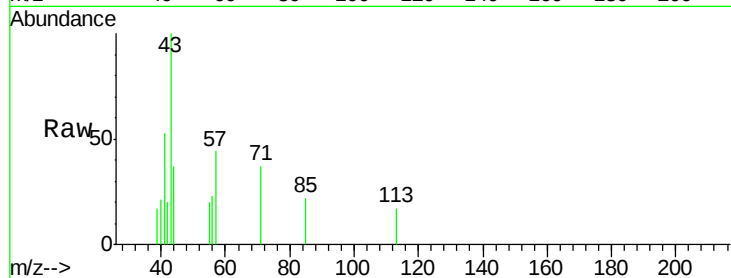
WP021SB477-25-27-180621ME

Tgt Ion: 43 Resp: 1993

Ion Ratio Lower Upper

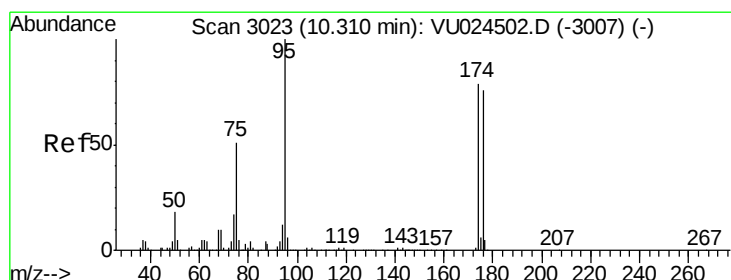
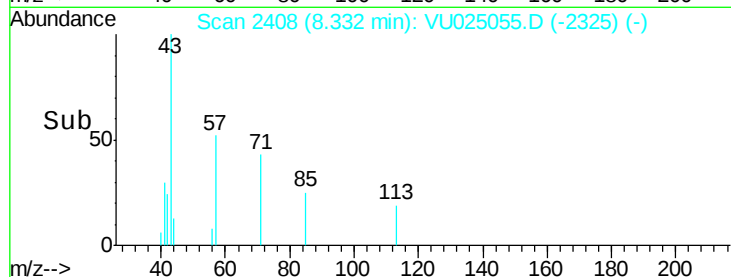
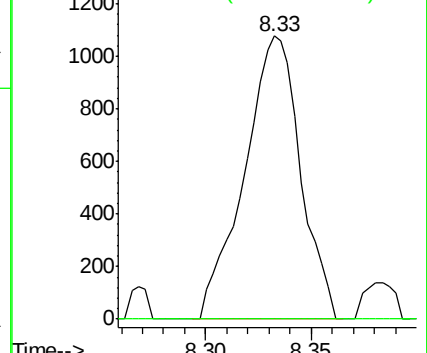
43 100

58 0.0 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 51.078 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

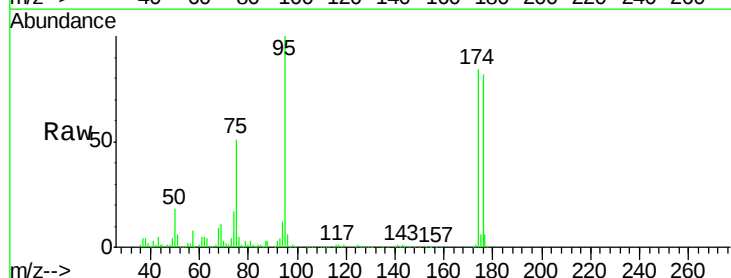
Tgt Ion: 95 Resp: 227951

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

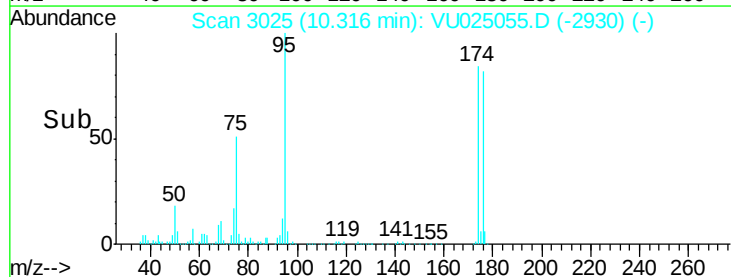
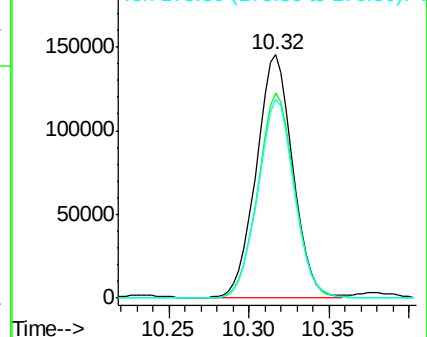
176 82.2 0.0 159.4

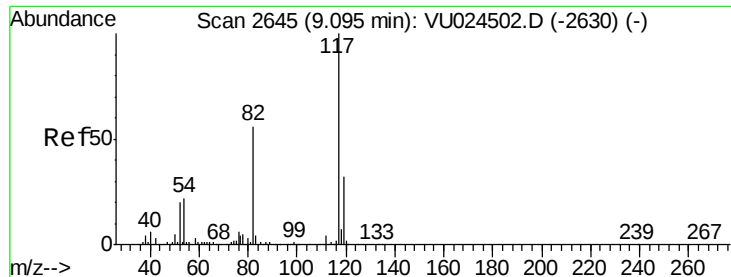


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

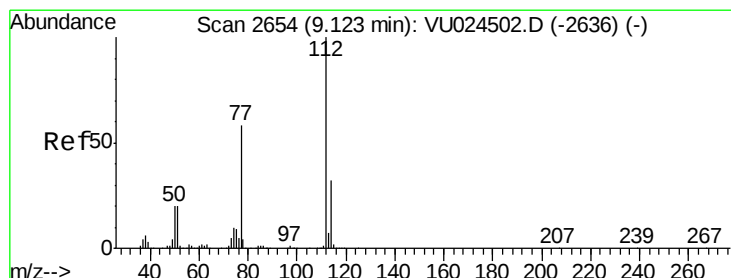
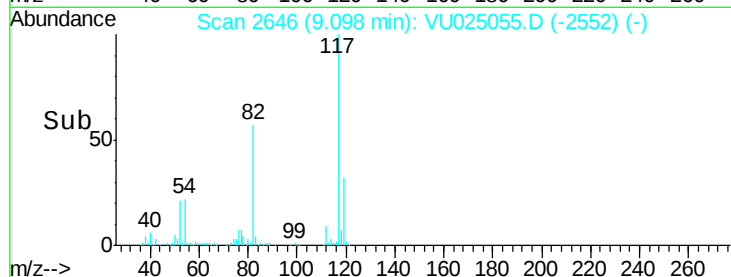
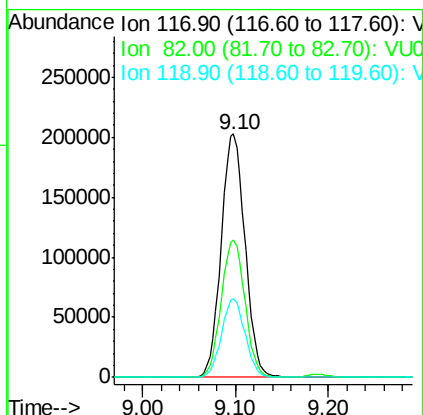
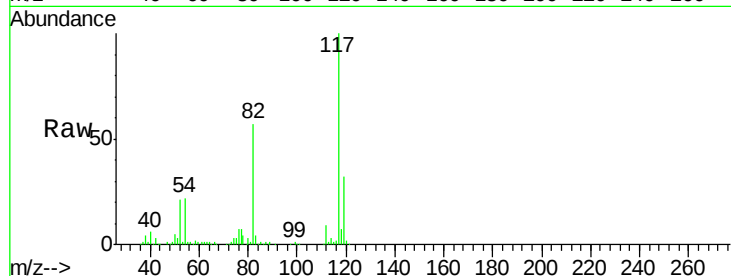




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

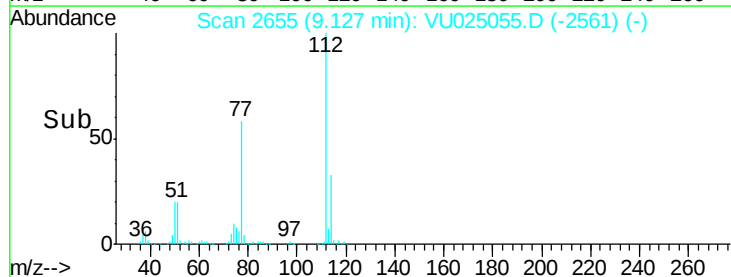
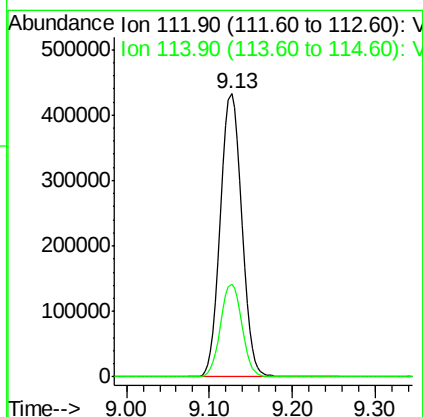
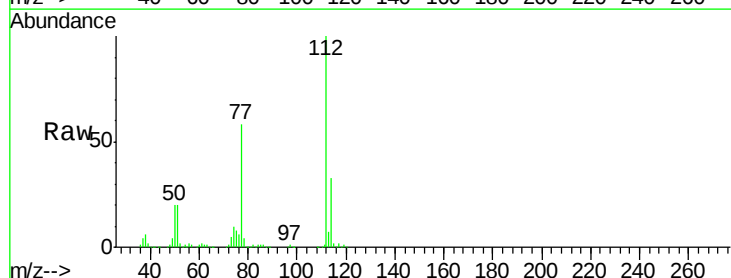
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

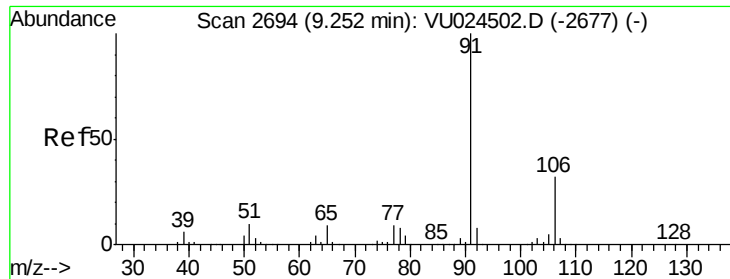
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	32.1	25.4	38.2



#65
Chlorobenzene
Concen: 83.875 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.6	38.4

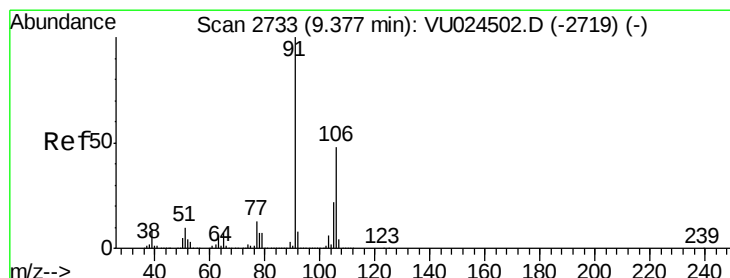
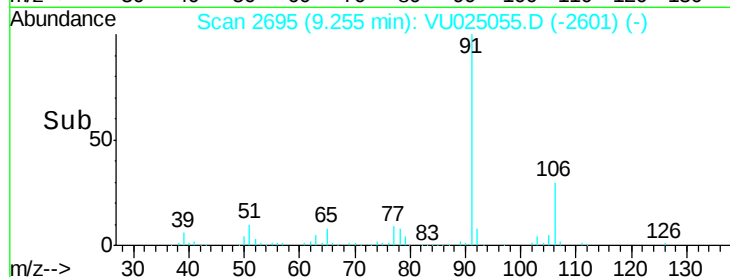
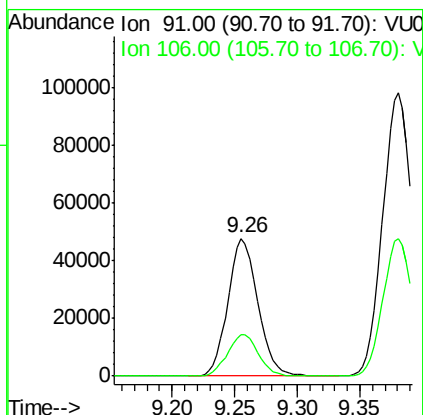
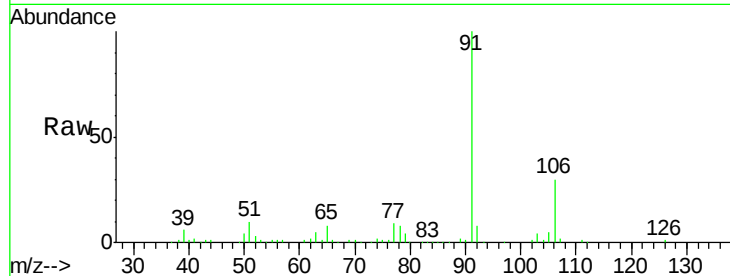




#67
Ethyl Benzene
Concen: 4.889 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

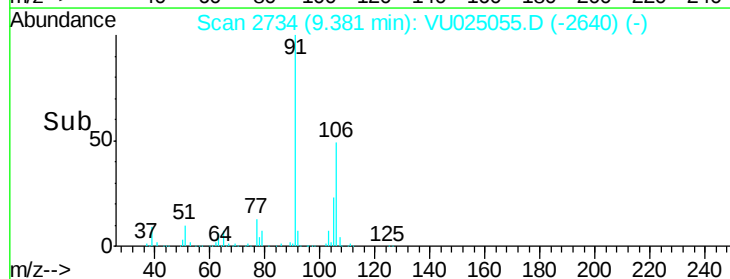
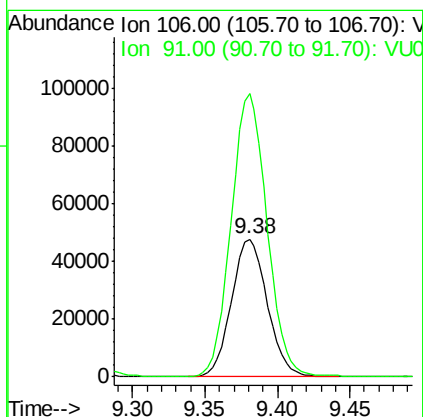
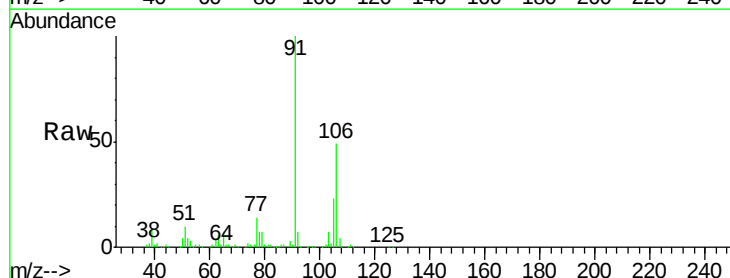
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

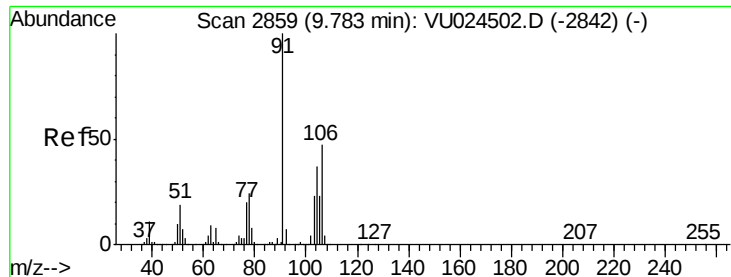
Tgt Ion: 91 Resp: 79120
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 13.190 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion: 106 Resp: 81967
Ion Ratio Lower Upper
106 100
91 206.2 166.5 249.7

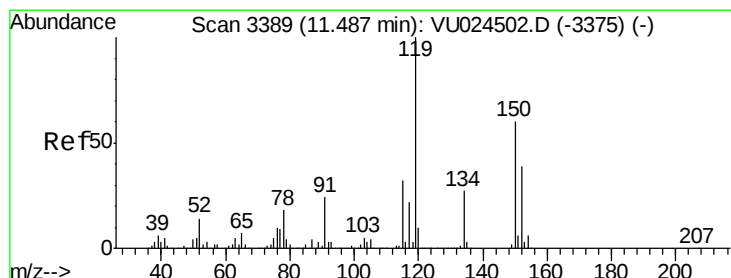
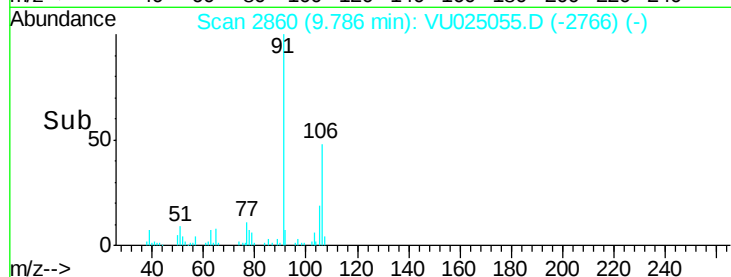
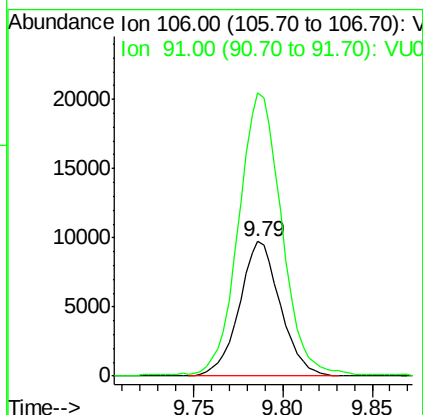
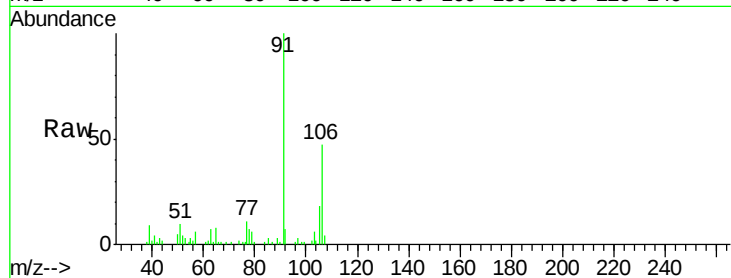




#69
o-Xylene
Concen: 2.540 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

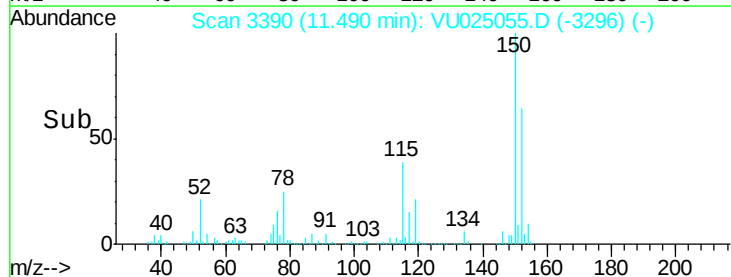
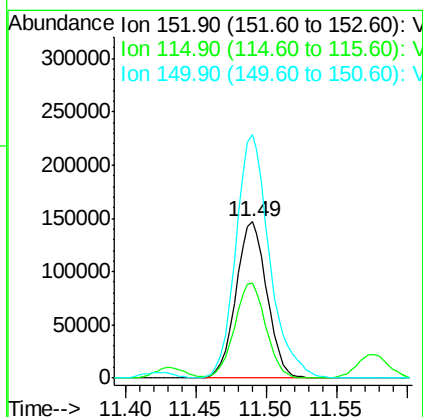
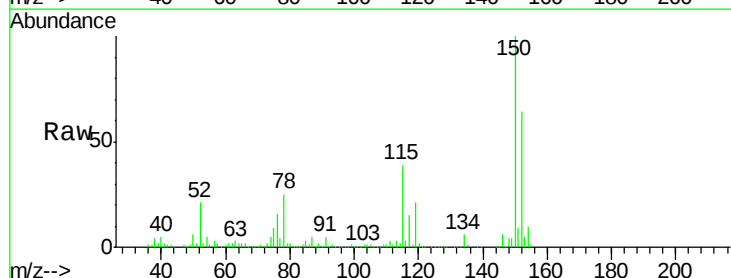
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

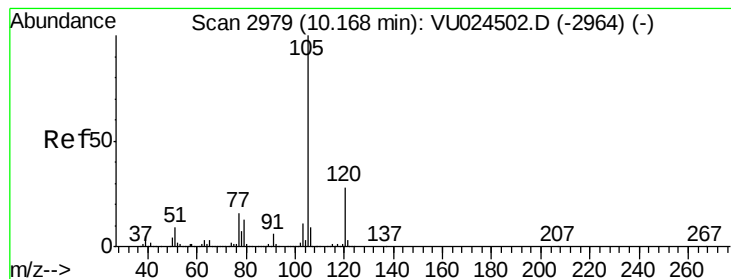
Tgt Ion:106 Resp: 15621
Ion Ratio Lower Upper
106 100
91 217.9 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion:152 Resp: 226106
Ion Ratio Lower Upper
152 100
115 61.4 43.0 129.0
150 168.9 0.0 354.0





#73

Isopropylbenzene

Concen: 3.786 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

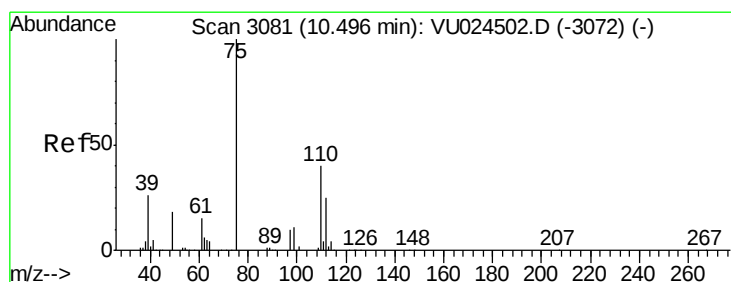
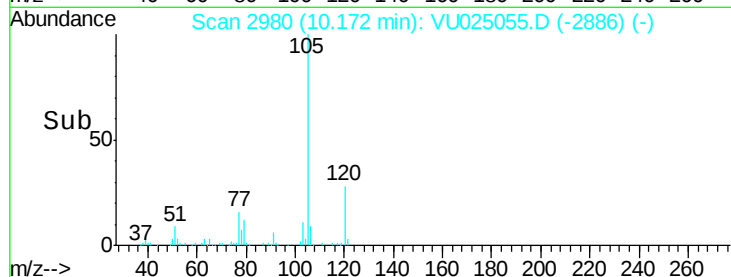
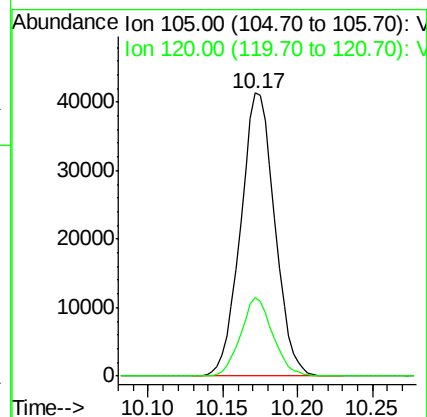
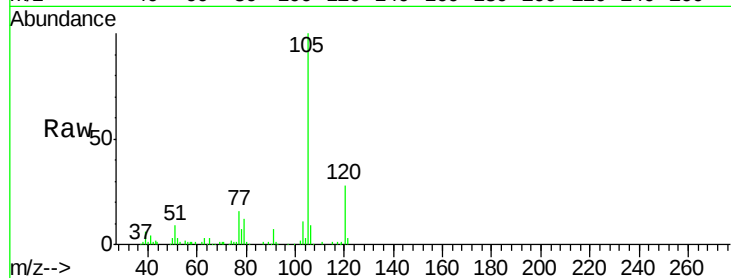
WP021SB477-25-27-180621ME

Tgt Ion:105 Resp: 65722

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 23.337 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025055.D

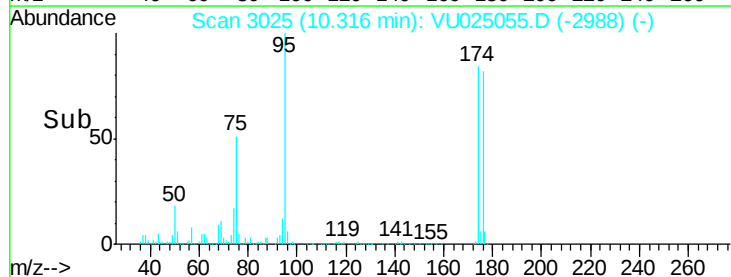
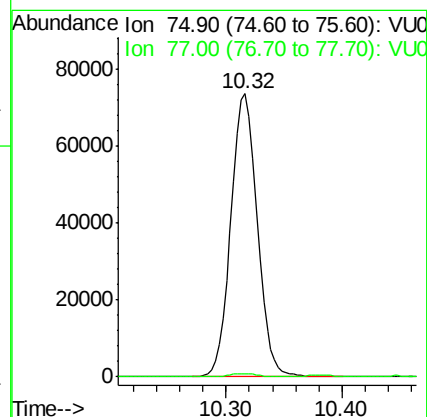
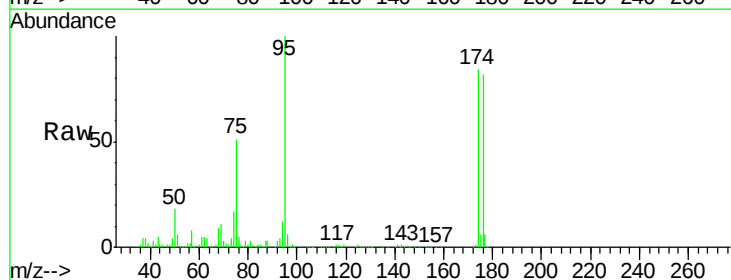
Acq: 29 Jun 2018 06:01

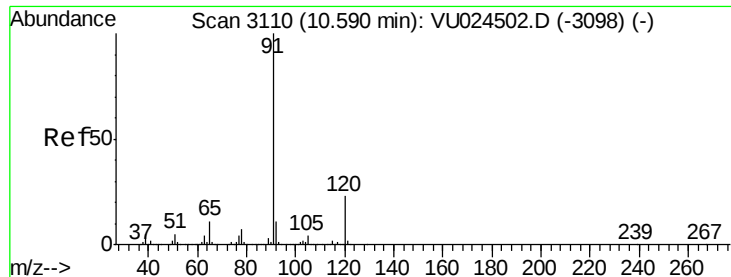
Tgt Ion: 75 Resp: 116170

Ion Ratio Lower Upper

75 100

77 0.0 20.9 62.7#





#78

n-propylbenzene

Concen: 8.085 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

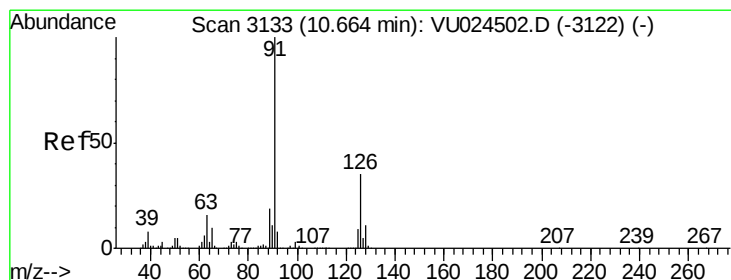
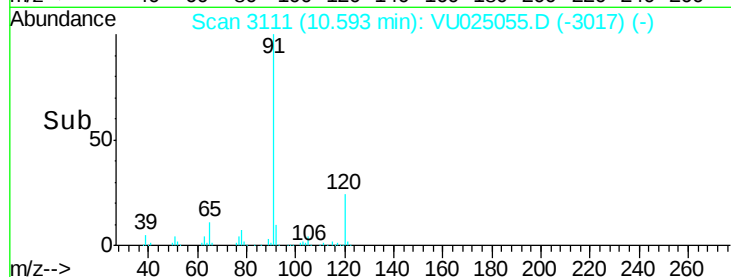
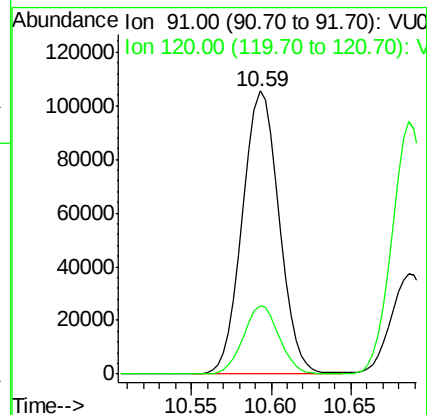
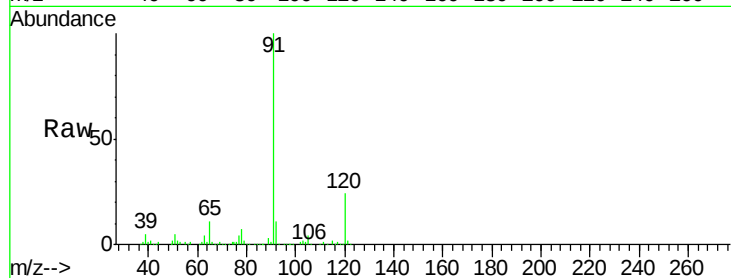
WP021SB477-25-27-180621ME

Tgt Ion: 91 Resp: 165328

Ion Ratio Lower Upper

91 100

120 23.4 11.2 33.5



#79

2-Chlorotoluene

Concen: 6.401 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU025055.D

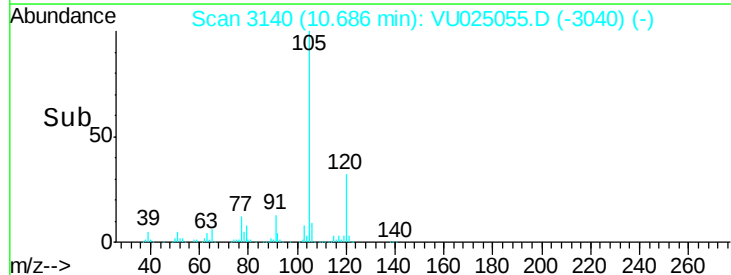
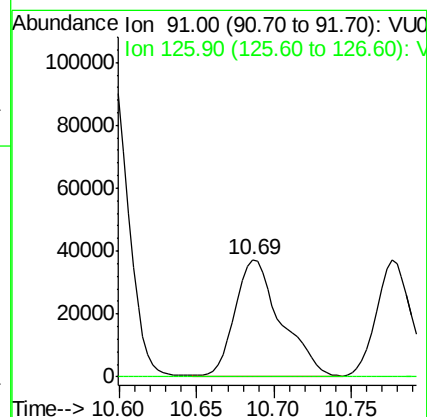
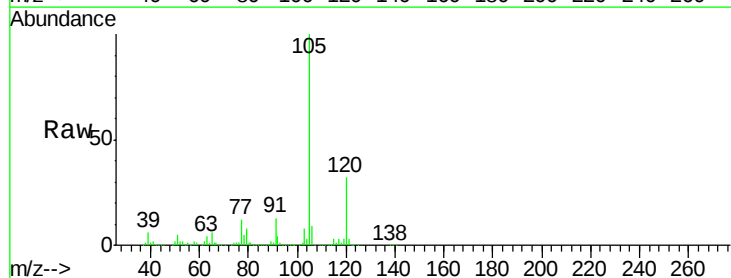
Acq: 29 Jun 2018 06:01

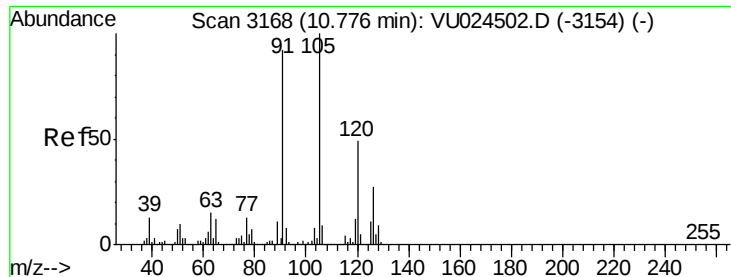
Tgt Ion: 91 Resp: 77189

Ion Ratio Lower Upper

91 100

126 0.2 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 35.007 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

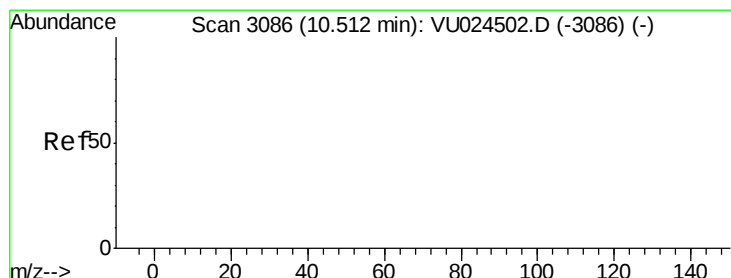
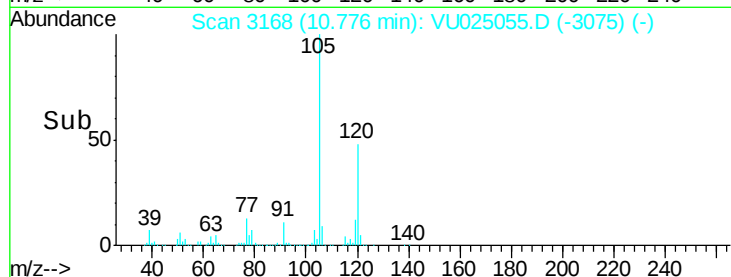
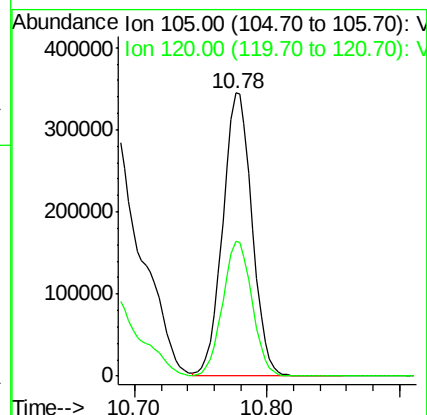
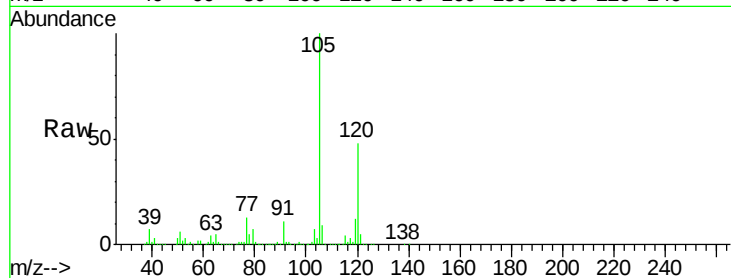
WP021SB477-25-27-180621ME

Tgt Ion:105 Resp: 526728

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 2.573 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.17 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

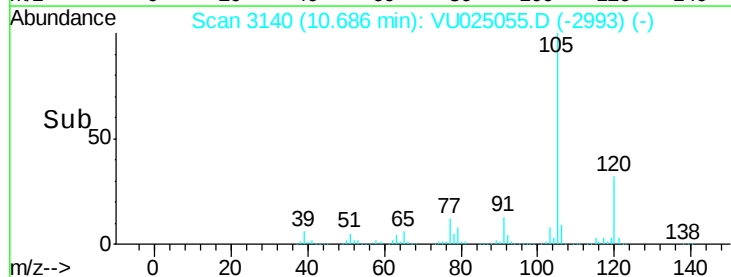
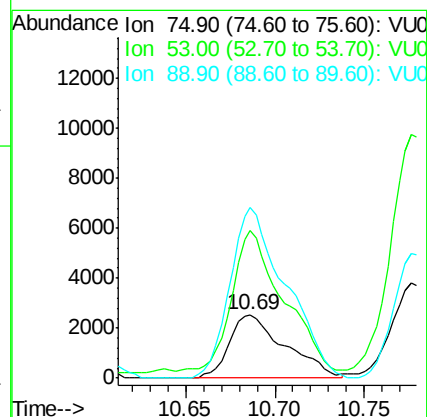
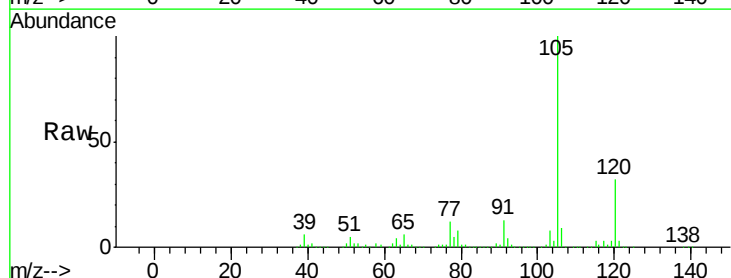
Tgt Ion: 75 Resp: 5535

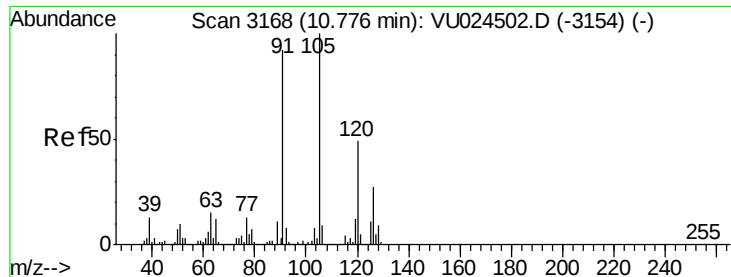
Ion Ratio Lower Upper

75 100

53 201.6 0.0 0.0#

89 268.7 0.0 0.0#





#82

4-Chlorotoluene

Concen: 4.059 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

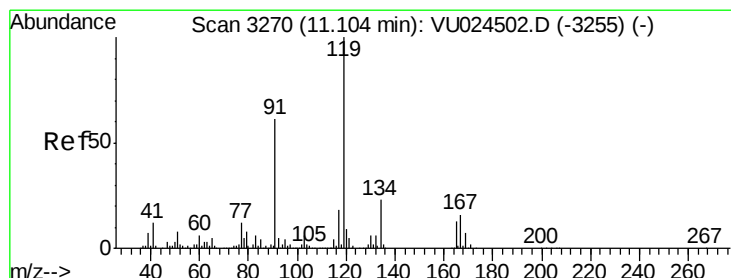
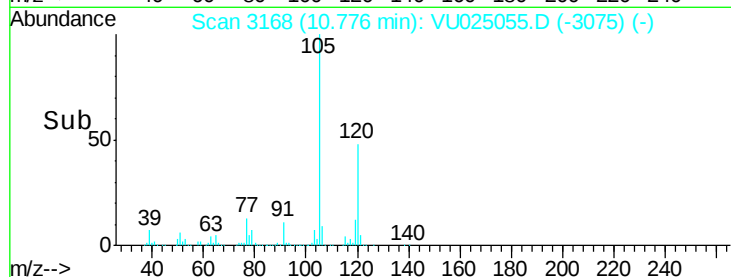
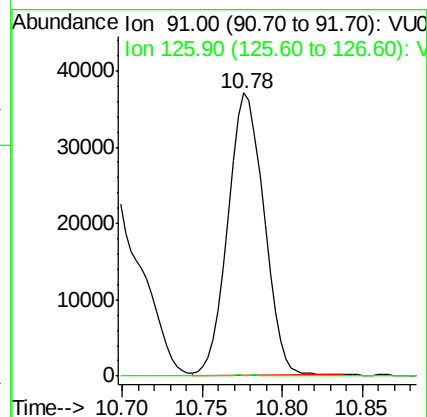
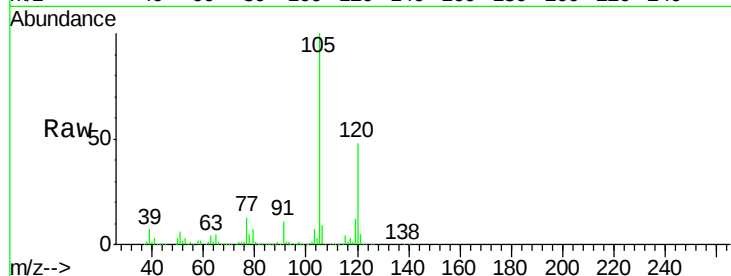
WP021SB477-25-27-180621ME

Tgt Ion: 91 Resp: 56965

Ion Ratio Lower Upper

91 100

126 0.2 14.9 44.9#



#83

tert-Butylbenzene

Concen: 3.227 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

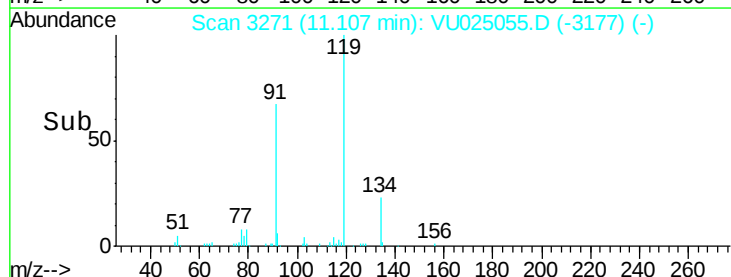
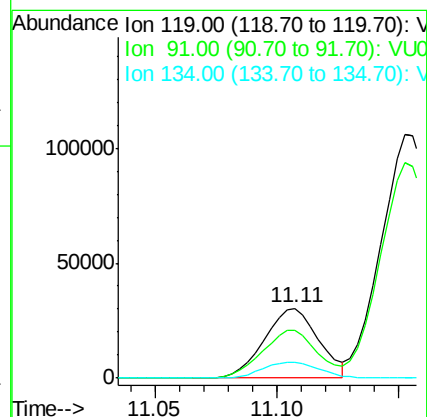
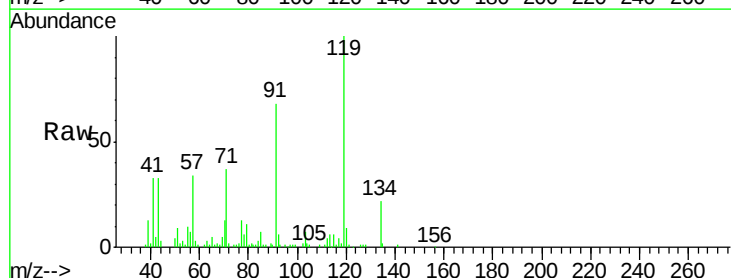
Tgt Ion: 119 Resp: 46700

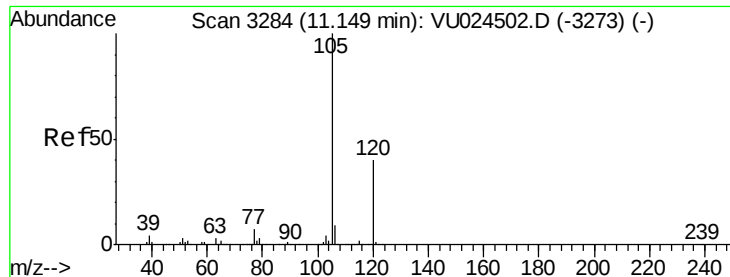
Ion Ratio Lower Upper

119 100

91 70.5 29.7 89.1

134 24.0 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 87.718 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

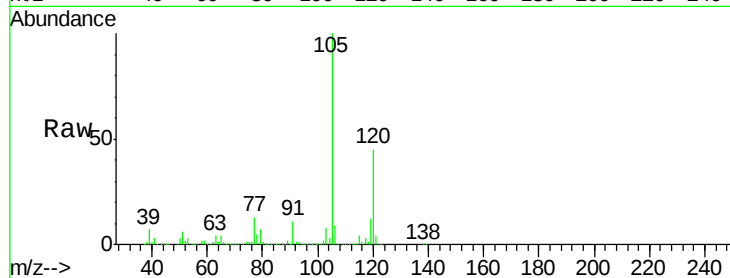
WP021SB477-25-27-180621ME

Tgt Ion:105 Resp: 1345030

Ion Ratio Lower Upper

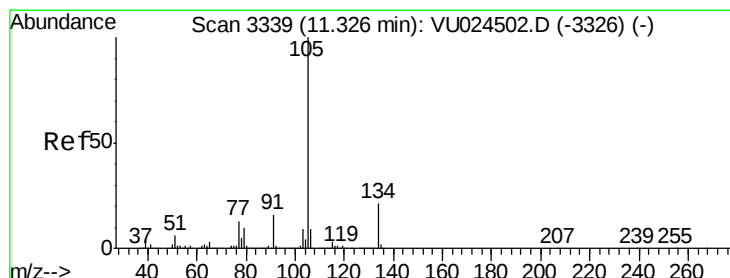
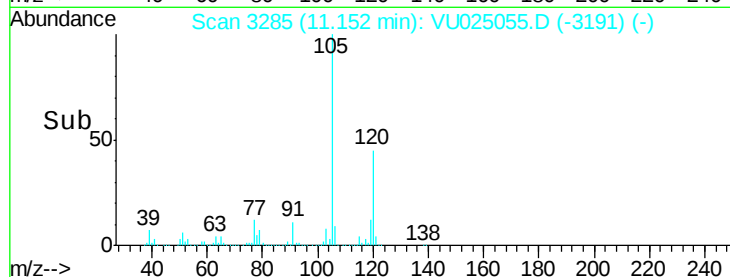
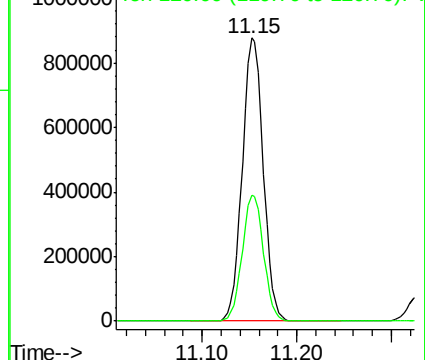
105 100

120 45.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.036 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025055.D

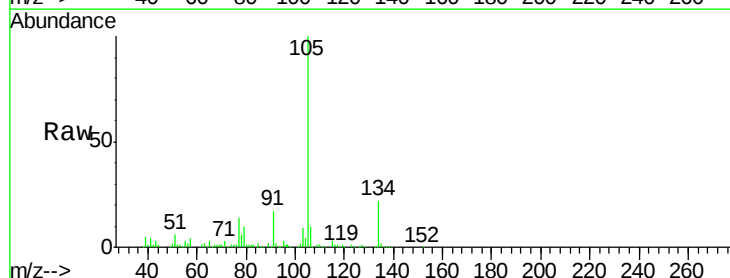
Acq: 29 Jun 2018 06:01

Tgt Ion:105 Resp: 127473

Ion Ratio Lower Upper

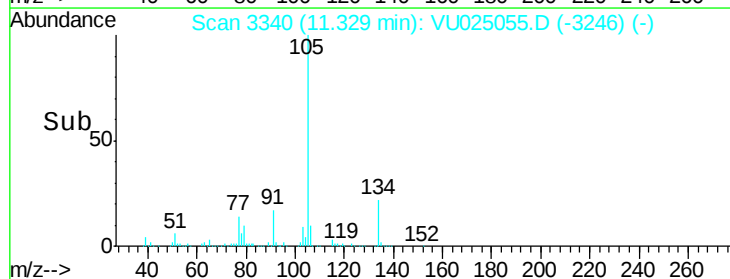
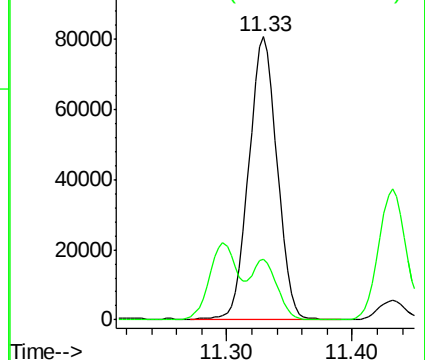
105 100

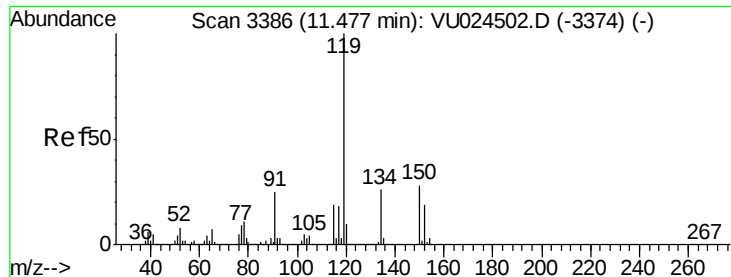
134 18.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

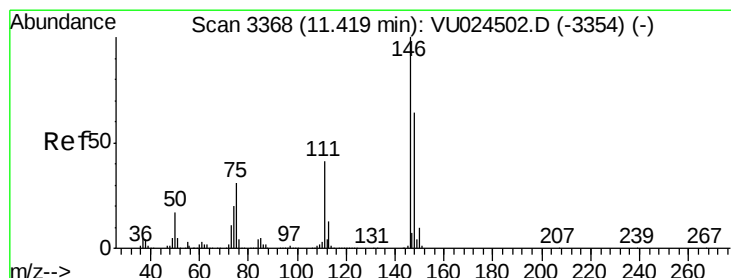
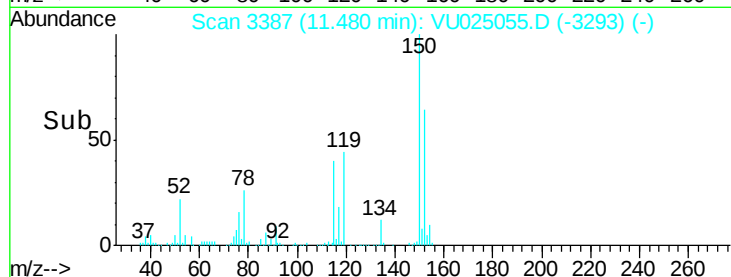
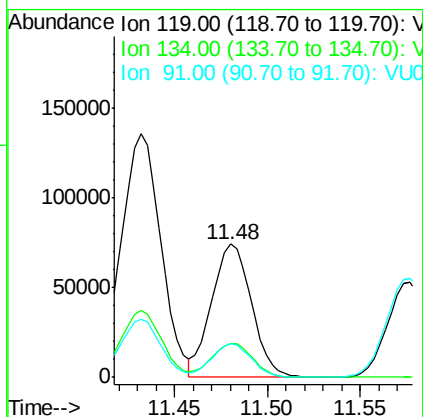
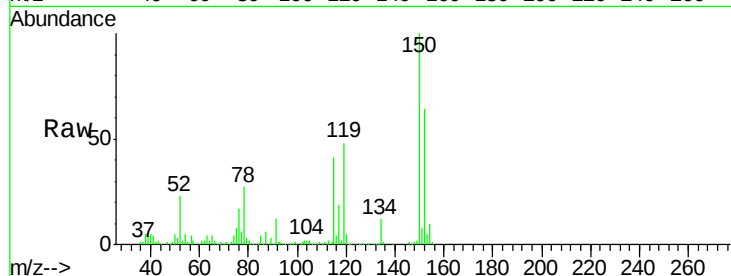




#86
p-Isopropyltoluene
Concen: 6.859 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

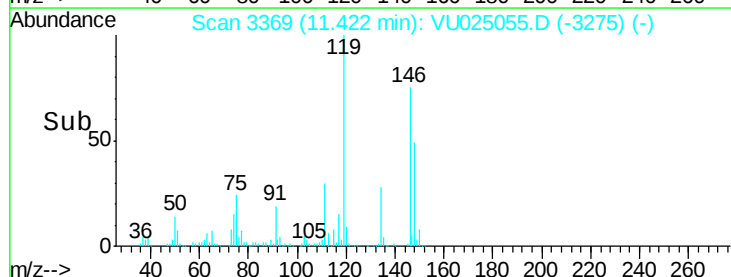
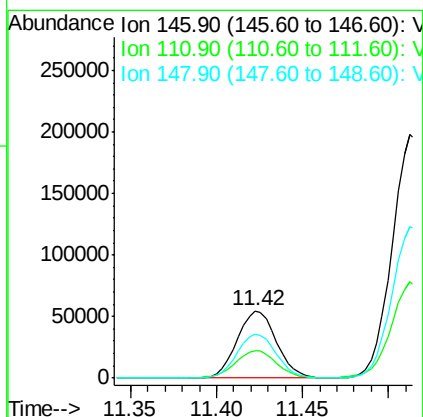
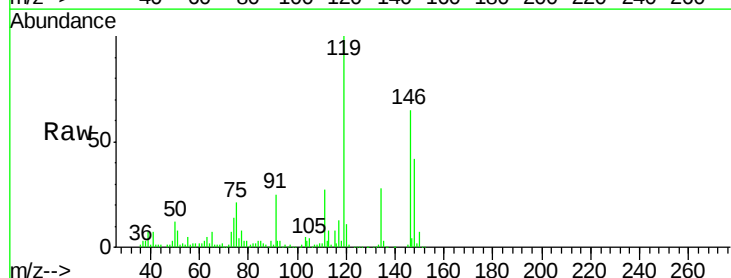
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

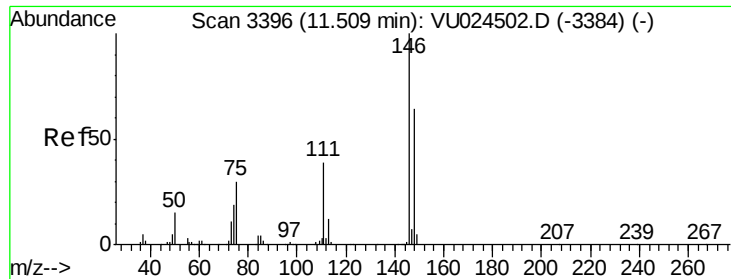
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.6
91	24.7	12.0	36.1



#87
1,3-Dichlorobenzene
Concen: 10.701 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	65.4	32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 37.558 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument:

MSVOA_U

ClientSampleId:

WP021SB477-25-27-180621ME

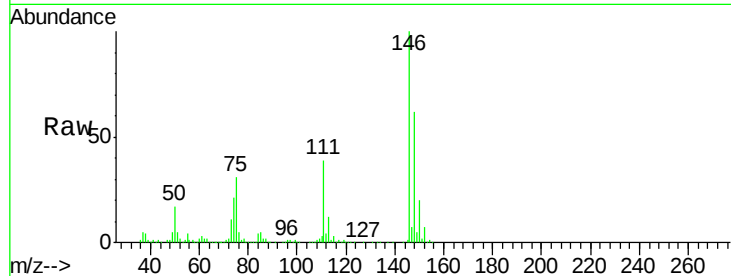
Tgt Ion: 146 Resp: 306930

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

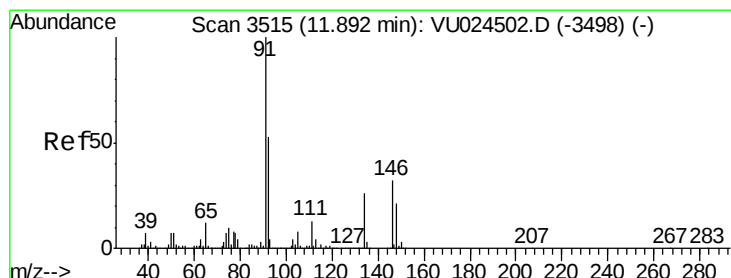
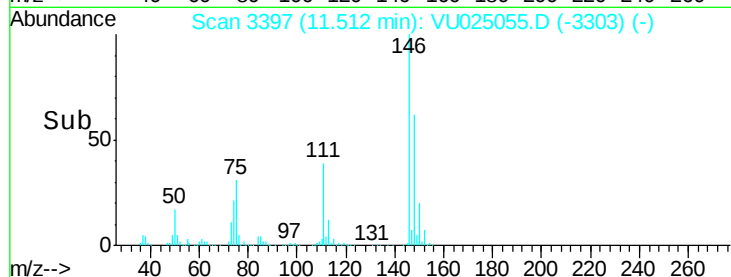
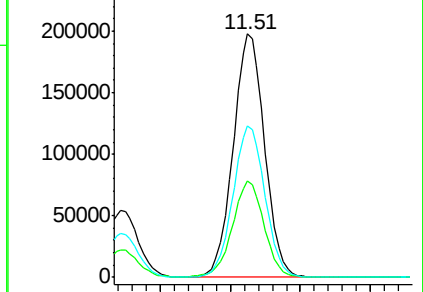
148 63.3 32.4 97.0



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: 10.560 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

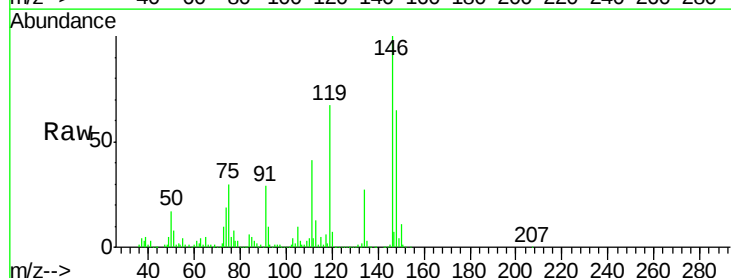
Tgt Ion: 91 Resp: 152125

Ion Ratio Lower Upper

91 100

92 31.3 25.6 76.8

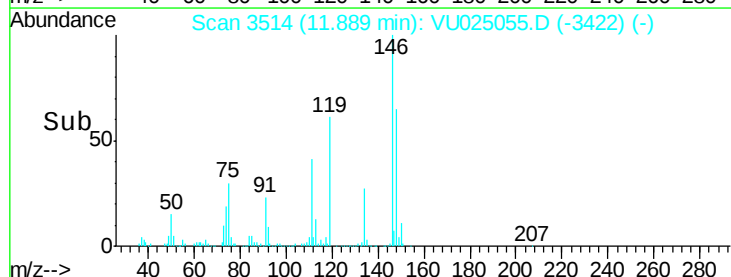
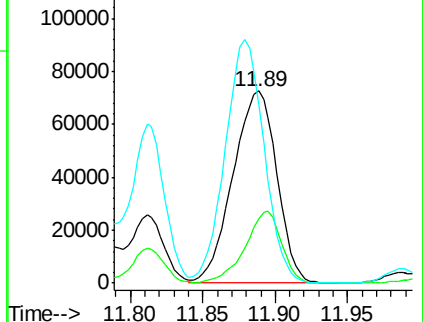
134 112.6 12.3 36.8#

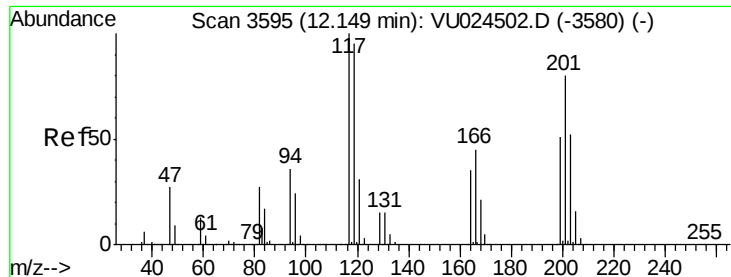


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.815 ug/l

RT: 12.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

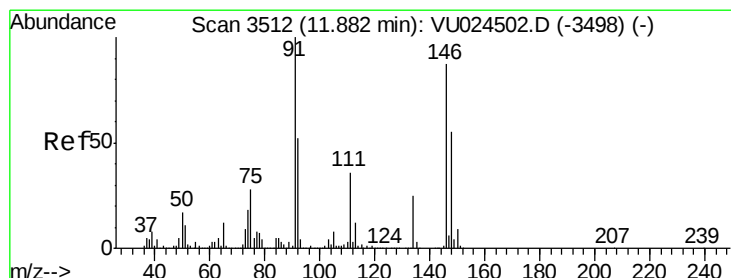
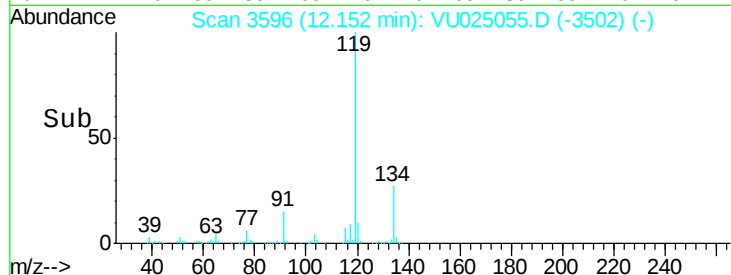
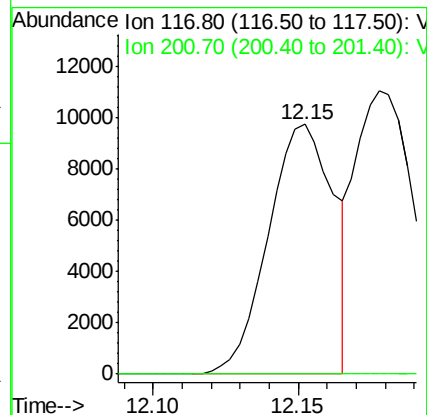
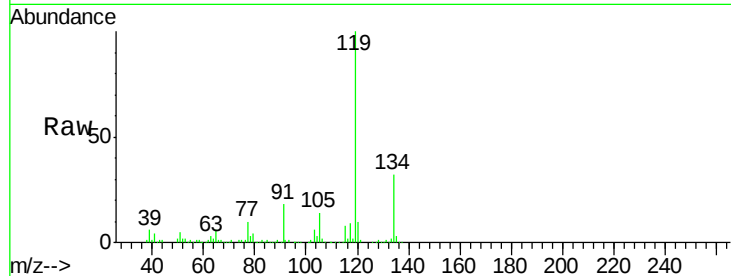
WP021SB477-25-27-180621ME

Tgt Ion:117 Resp: 15242

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



#91

1,2-Dichlorobenzene

Concen: 53.127 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

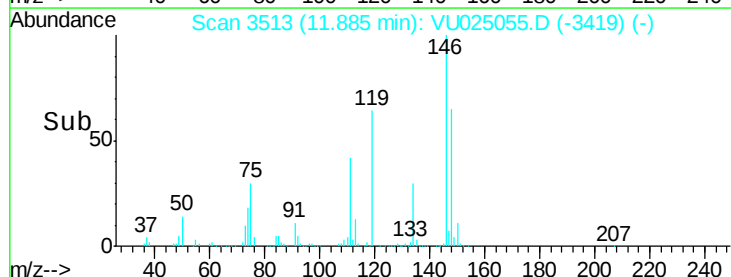
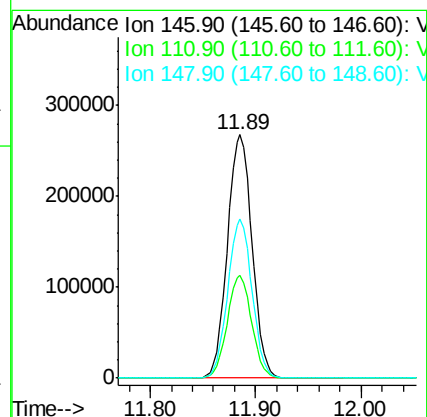
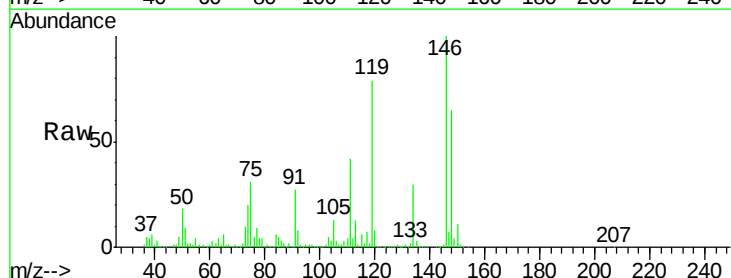
Tgt Ion:146 Resp: 432058

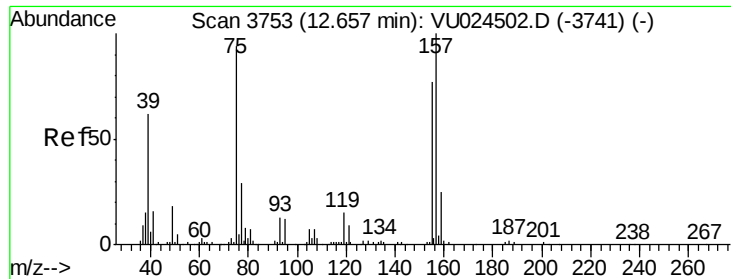
Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 64.4 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.544 ug/l

RT: 12.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-25-27-180621ME

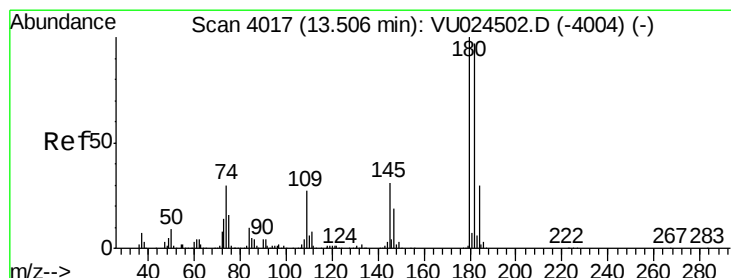
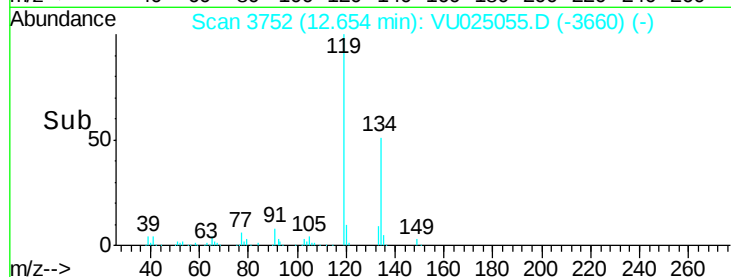
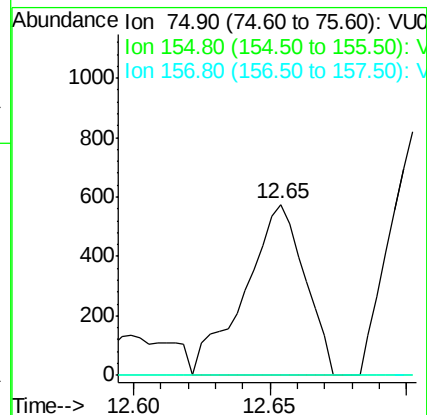
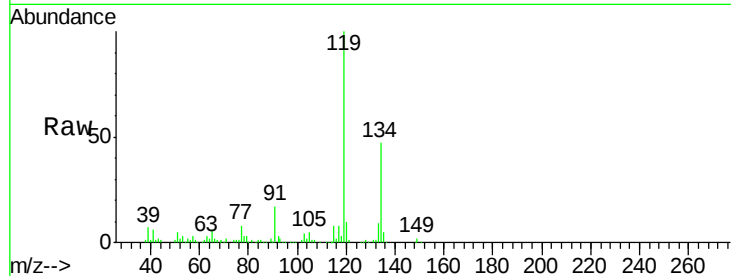
Tgt Ion: 75 Resp: 873

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#



#93

1,2,4-Trichlorobenzene

Concen: 1.382 ug/l

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU025055.D

Acq: 29 Jun 2018 06:01

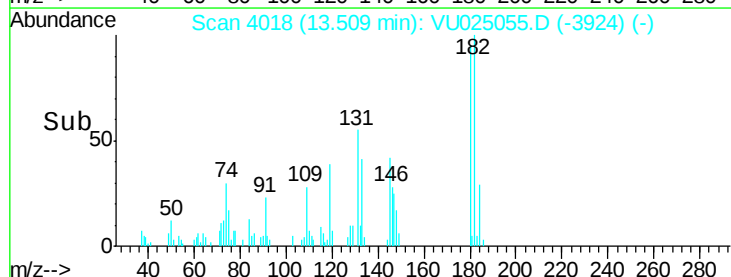
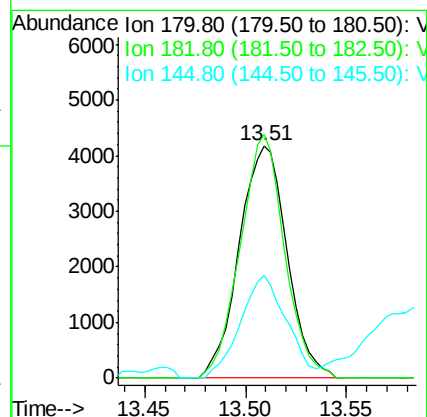
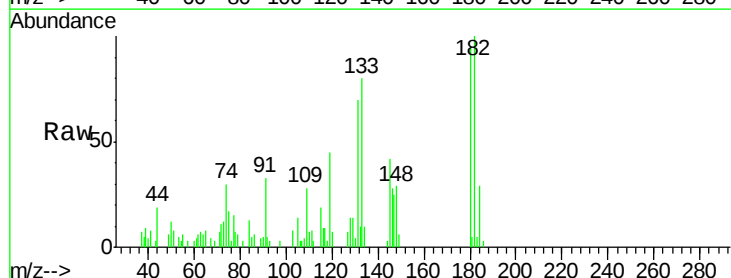
Tgt Ion: 180 Resp: 6941

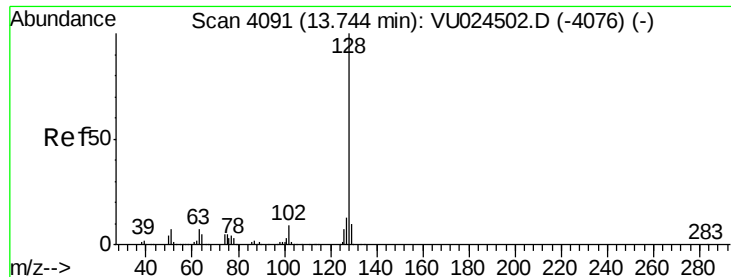
Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.2

145 42.6 14.7 44.1

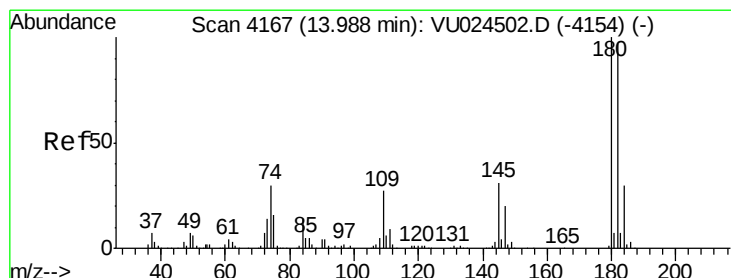
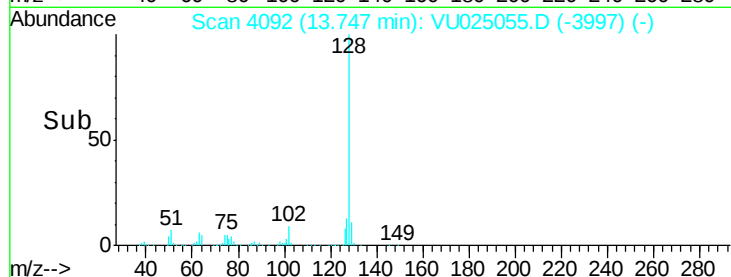
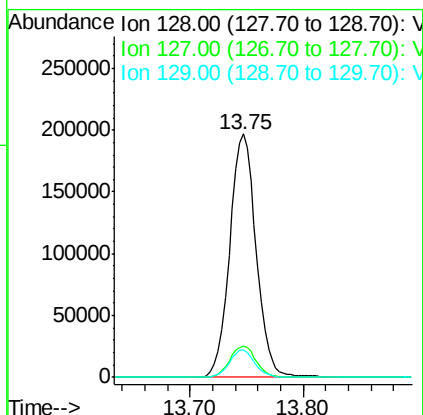
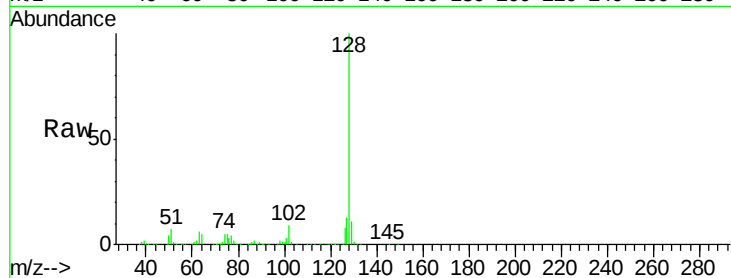




#95
Naphthalene
Concen: 19.612 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-25-27-180621ME

Tgt Ion:128 Resp: 319103
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.435 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025055.D
Acq: 29 Jun 2018 06:01

Tgt Ion:180 Resp: 2179
Ion Ratio Lower Upper
180 100
182 105.4 47.9 143.7
145 51.3 15.4 46.1#

