

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025044.D
 Acq On : 29 Jun 2018 01:35
 Operator : MD/SY
 Sample : J3669-23ME 10X
 Misc : 6.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-27-29-180620ME

Quant Time: Jun 29 05:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	219687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327994	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	165848	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	4.89	113	125974	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	7.57	98	478793	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	186849	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	956	0.340 ug/l	96
4) Vinyl Chloride	1.40	62	1431	0.494 ug/l #	71
5) Bromomethane	1.61	94	714	0.510 ug/l	95
6) Chloroethane	1.68	64	46	Below Cal #	43
10) Methyl Iodide	2.42	142	352	5.424 ug/l #	82
11) Tert butyl alcohol	2.84	59	3904	4.476 ug/l #	72
16) Acetone	2.32	43	1196	0.621 ug/l #	84
25) 2-Butanone	3.99	43	11855	4.580 ug/l #	51
27) cis-1,2-Dichloroethene	4.23	96	27649	8.729 ug/l	88
31) Cyclohexane	4.99	56	8442	Below Cal #	57
36) 1,1-Dichloropropene	4.99	75	16298	4.229 ug/l #	51
38) Carbon Tetrachloride	4.99	117	20926	4.937 ug/l #	16
39) Methylcyclohexane	6.42	83	30908	6.426 ug/l	94
43) Isopropyl Acetate	5.54	43	42715	5.883 ug/l #	62
44) Trichloroethene	6.19	130	13864	4.436 ug/l	92
48) Methyl methacrylate	6.65	41	1069	0.302 ug/l #	59
51) 4-Methyl-2-Pentanone	7.53	43	9992	2.190 ug/l #	77
55) 1,1,2-Trichloroethane	8.05	97	5647	1.966 ug/l #	17
56) Ethyl methacrylate	8.05	69	1198	0.249 ug/l #	1
59) 2-Hexanone	8.33	43	13253	3.558 ug/l #	29
65) Chlorobenzene	9.12	112	4774	0.611 ug/l	99
74) N-amyl acetate	10.01	43	10654	1.673 ug/l #	45
75) 1,1,2,2-Tetrachloroethane	10.49	83	17131	3.818 ug/l #	25
76) 1,2,3-Trichloropropane	10.31	75	95584	24.893 ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	95584	57.612 ug/l #	100
83) tert-Butylbenzene	11.10	119	11570	1.036 ug/l	81
84) 1,2,4-Trimethylbenzene	11.33	105	29233	2.472 ug/l #	31
85) sec-Butylbenzene	11.33	105	29233	2.092 ug/l	99
86) p-Isopropyltoluene	11.69	119	14040	1.122 ug/l	88
87) 1,3-Dichlorobenzene	11.42	146	1547	0.247 ug/l #	1
88) 1,4-Dichlorobenzene	11.51	146	2098	0.333 ug/l #	1
89) n-Butylbenzene	11.87	91	5636	0.507 ug/l #	53
90) Hexachloroethane	12.23	117	1140	0.467 ug/l #	8
95) Naphthalene	13.74	128	1923	0.827 ug/l #	47

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Response via : Initial Calibration

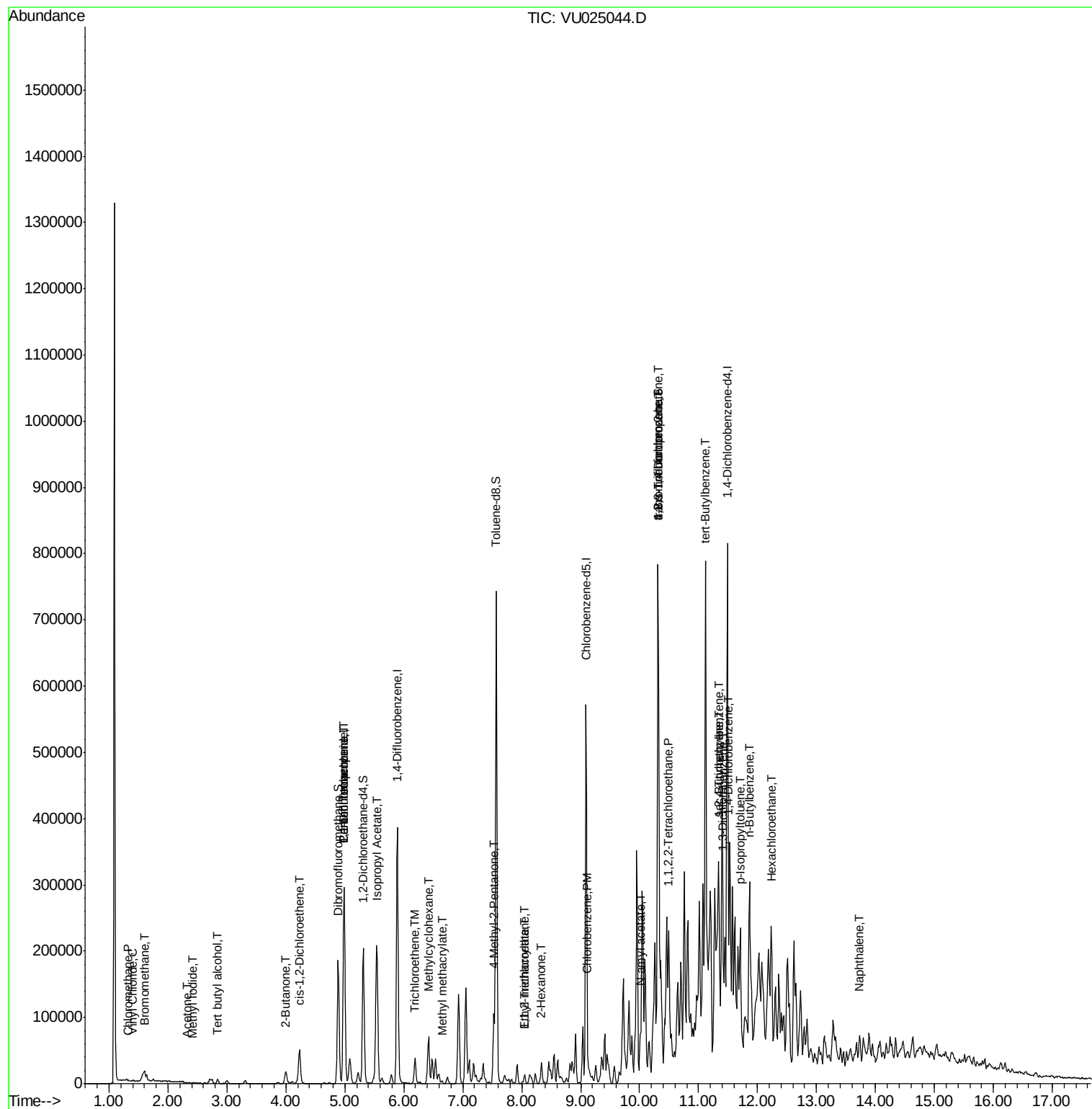
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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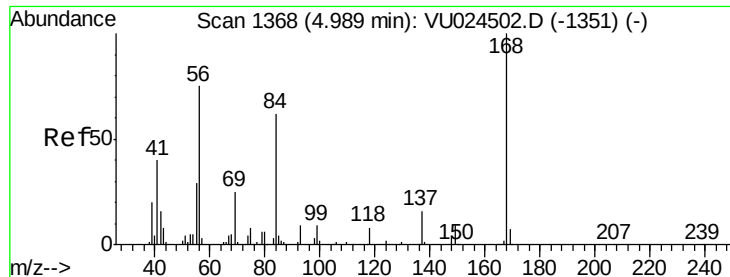
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

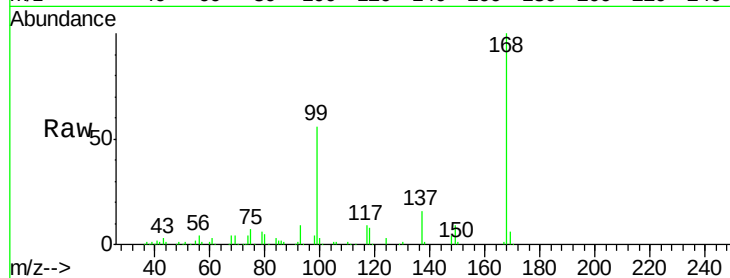
WP021SB479-27-29-180620ME

Tgt Ion:168 Resp: 219687

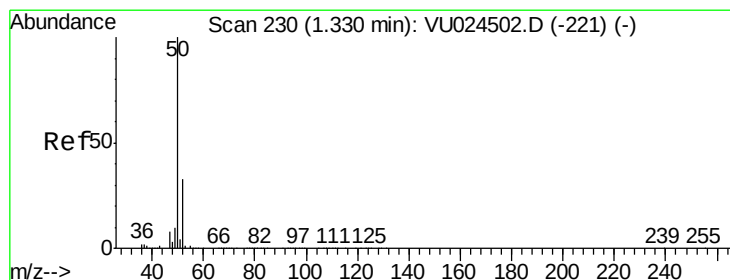
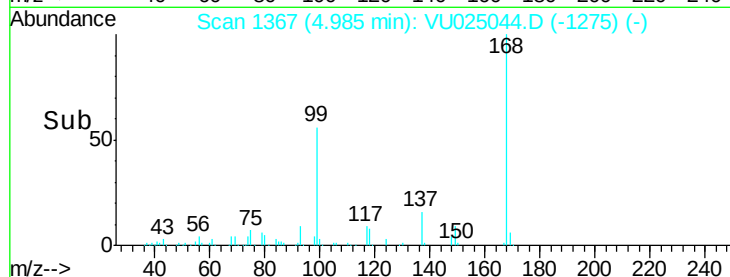
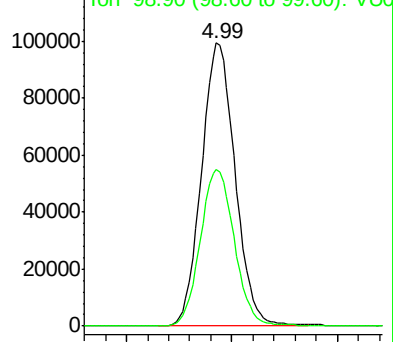
Ion Ratio Lower Upper

168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025044.D (-1275) (-)



#3

Chloromethane

Concen: 0.340 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025044.D

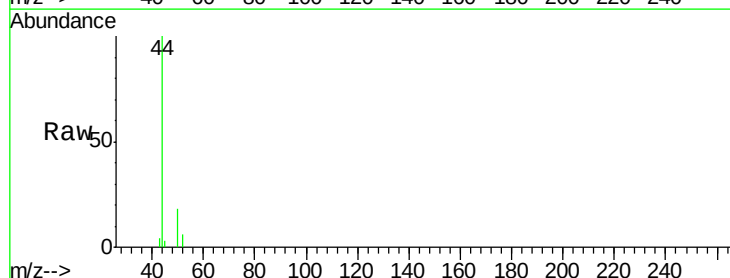
Acq: 29 Jun 2018 01:35

Tgt Ion: 50 Resp: 956

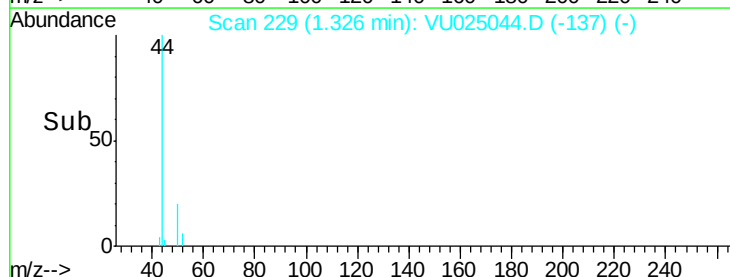
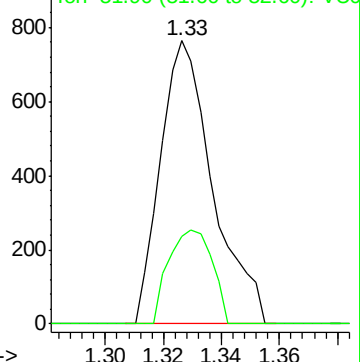
Ion Ratio Lower Upper

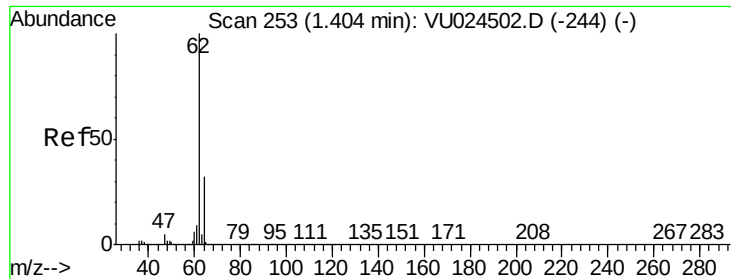
50 100

52 30.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025044.D (-137) (-)





#4

Vinyl Chloride

Concen: 0.494 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

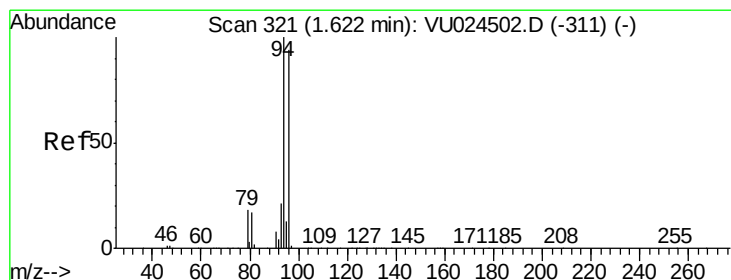
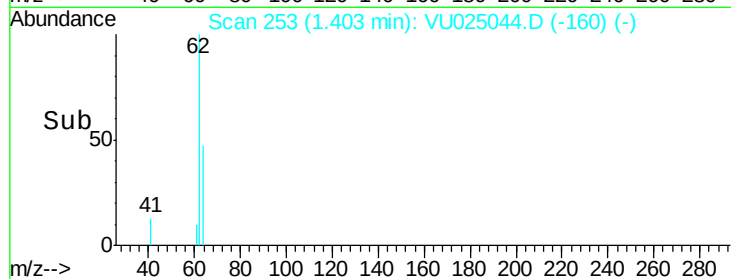
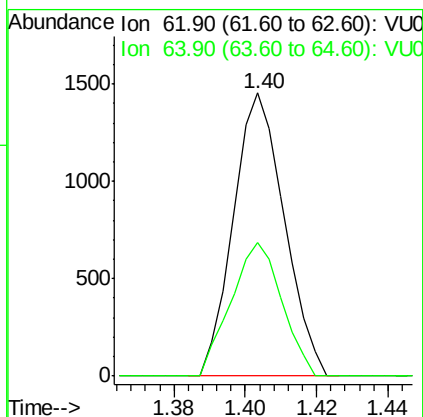
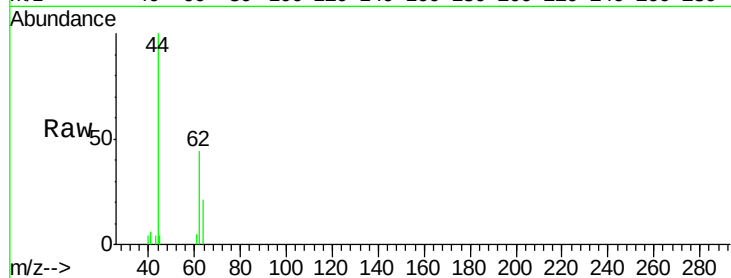
WP021SB479-27-29-180620ME

Tgt Ion: 62 Resp: 1431

Ion Ratio Lower Upper

62 100

64 47.2 24.8 37.2#



#5

Bromomethane

Concen: 0.510 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025044.D

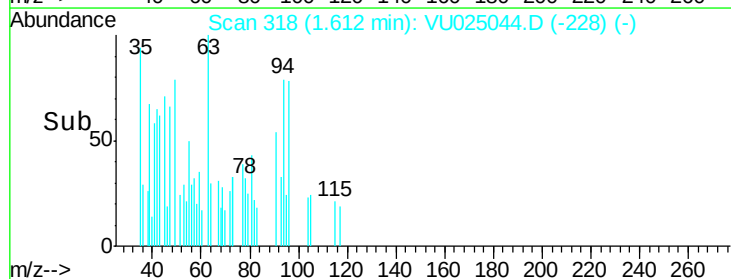
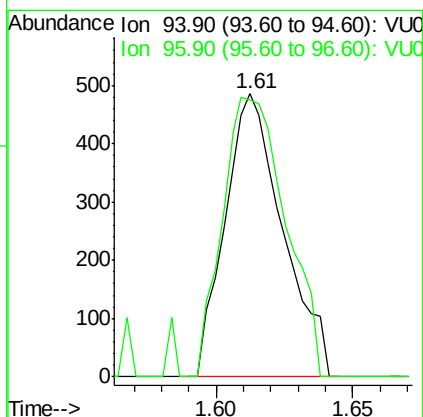
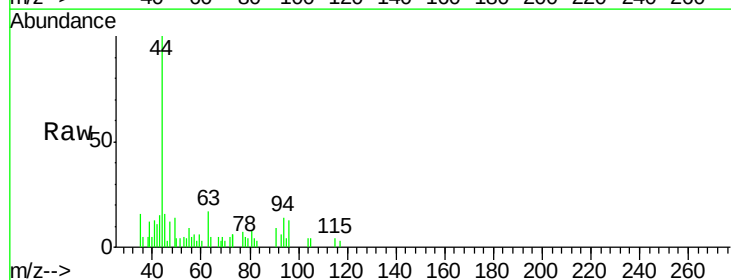
Acq: 29 Jun 2018 01:35

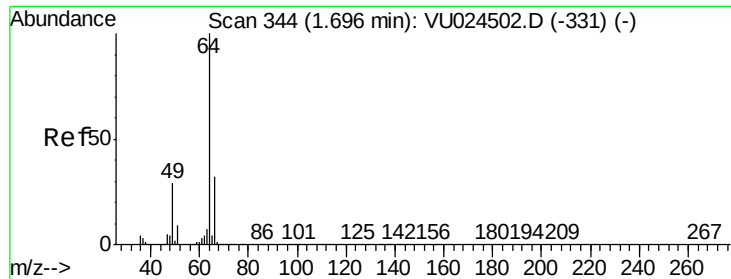
Tgt Ion: 94 Resp: 714

Ion Ratio Lower Upper

94 100

96 97.9 74.5 111.7





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

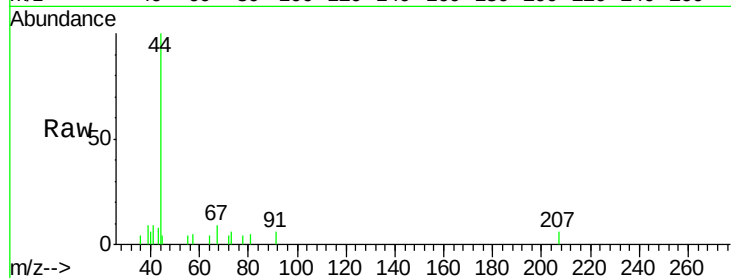
WP021SB479-27-29-180620ME

Tgt Ion: 64 Resp: 46

Ion Ratio Lower Upper

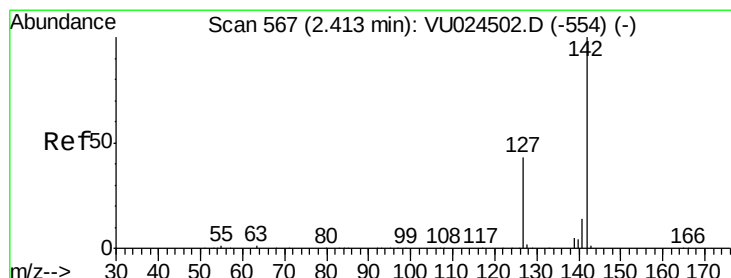
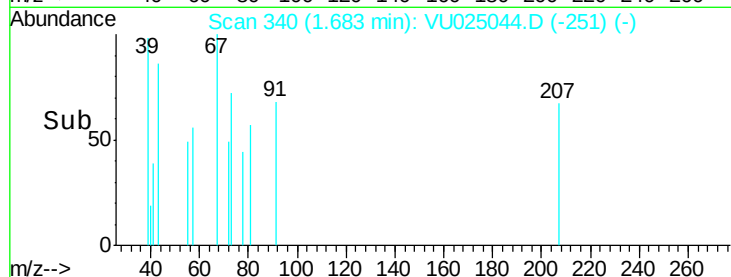
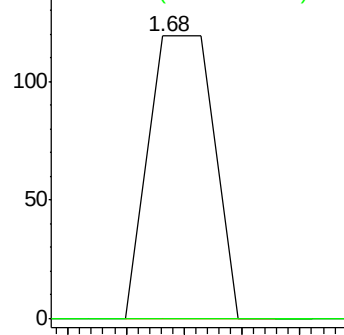
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#10

Methyl Iodide

Concen: 5.424 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

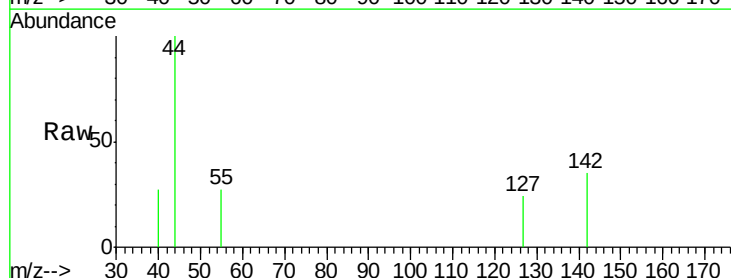
Tgt Ion: 142 Resp: 352

Ion Ratio Lower Upper

142 100

127 36.4 35.6 53.4

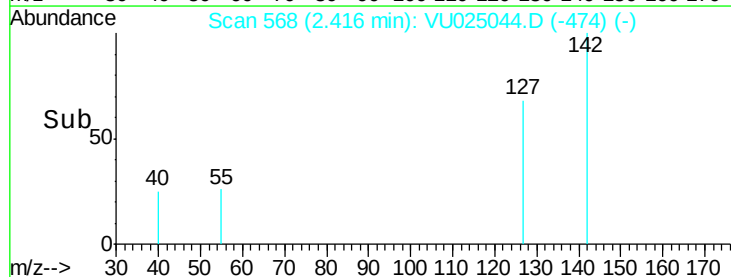
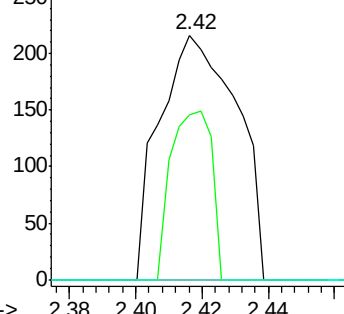
141 0.0 11.7 17.5#

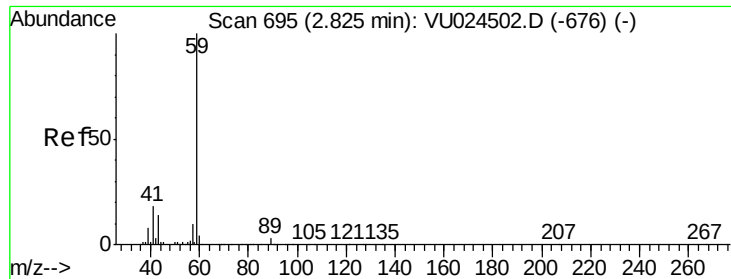


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

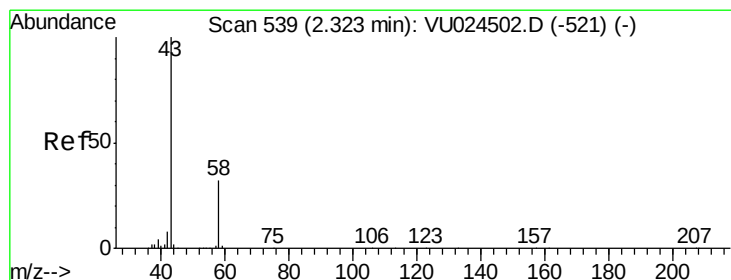
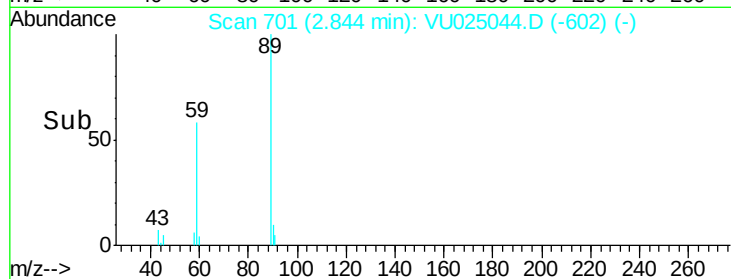
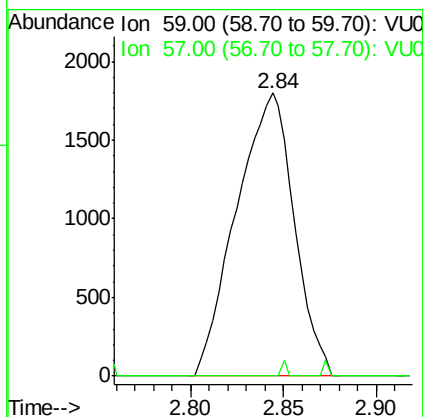
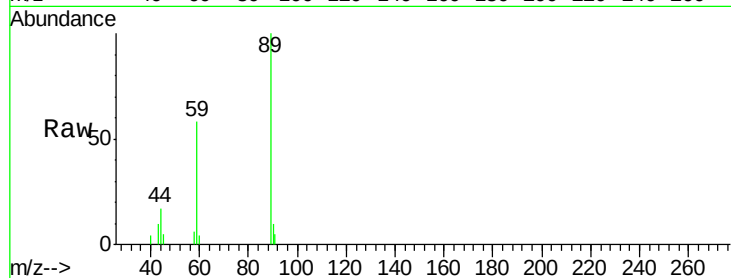




#11
Tert butyl alcohol
Concen: 4.476 ug/l
RT: 2.84 min Scan# 701
Delta R.T. 0.02 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

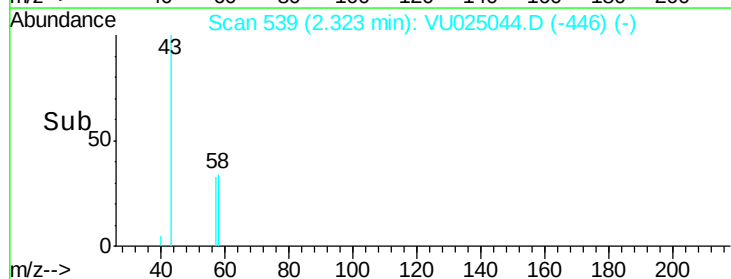
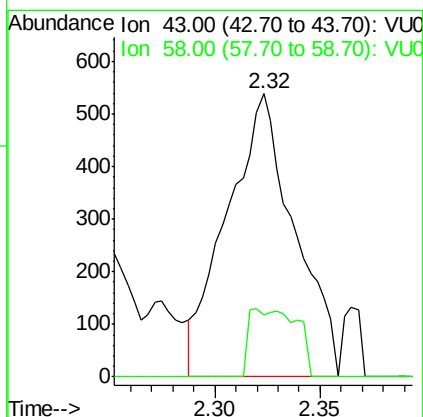
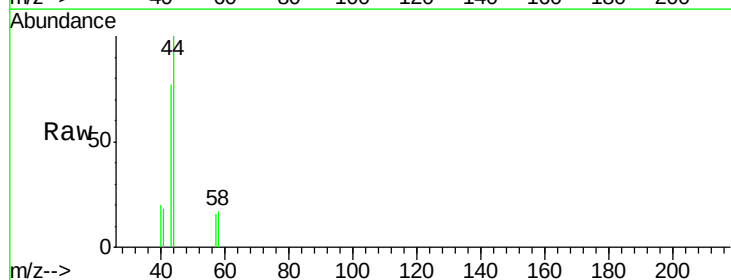
Instrument :
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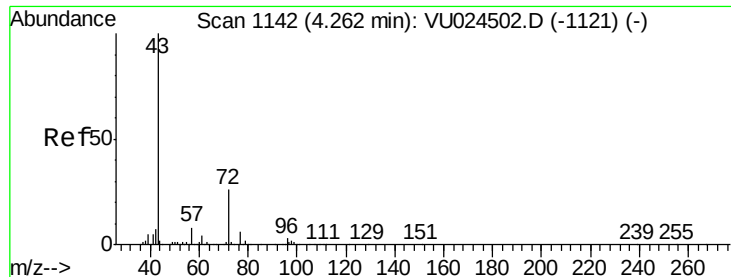
Tgt Ion: 59 Resp: 3904
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.621 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 21.7 24.4 36.6#

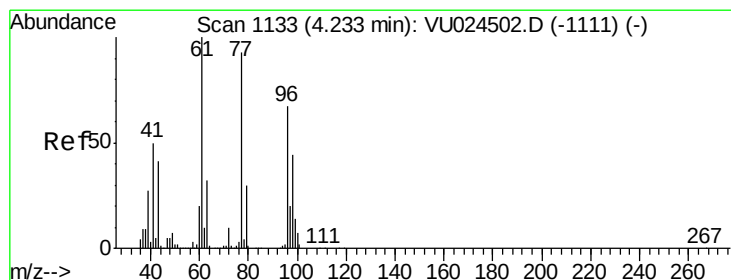
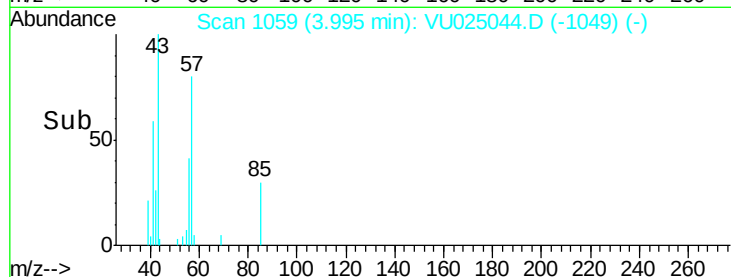
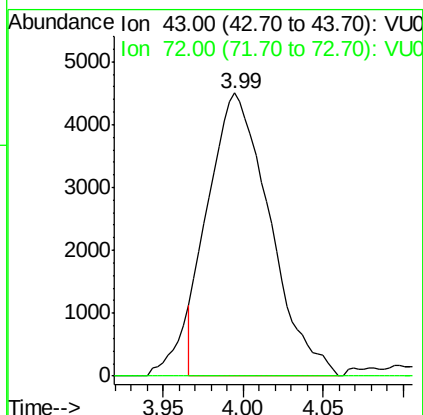
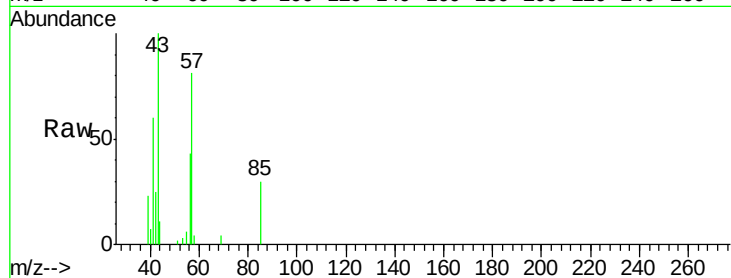




#25
 2-Butanone
 Concen: 4.580 ug/l
 RT: 3.99 min Scan# 1059
 Delta R.T. -0.27 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

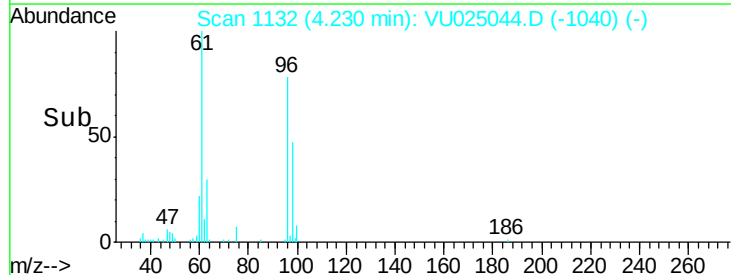
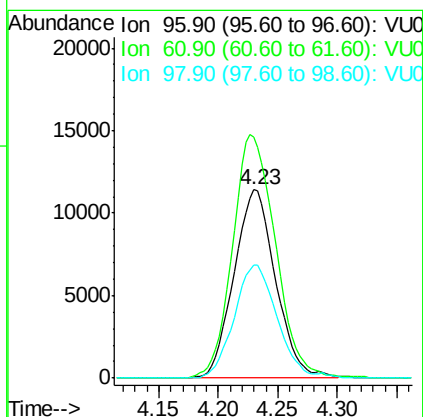
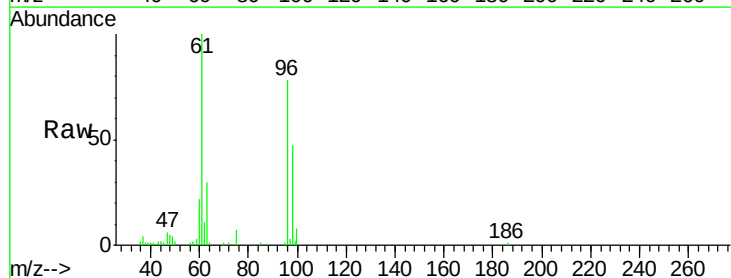
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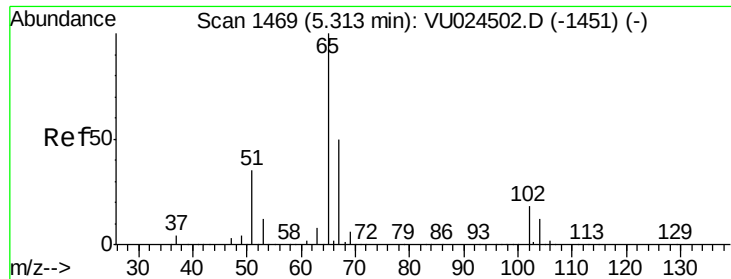
Tgt Ion: 43 Resp: 11855
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.6 29.4#



#27
 cis-1,2-Dichloroethene
 Concen: 8.729 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion: 96 Resp: 27649
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 306.6
 98 62.0 0.0 128.8

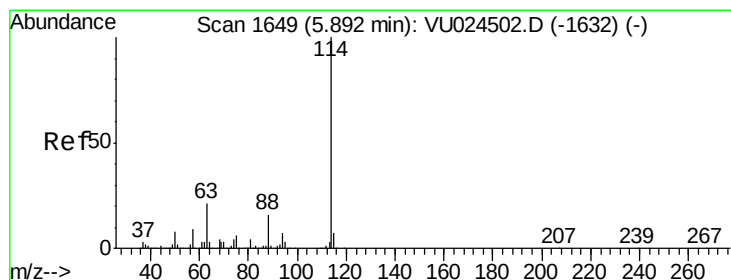
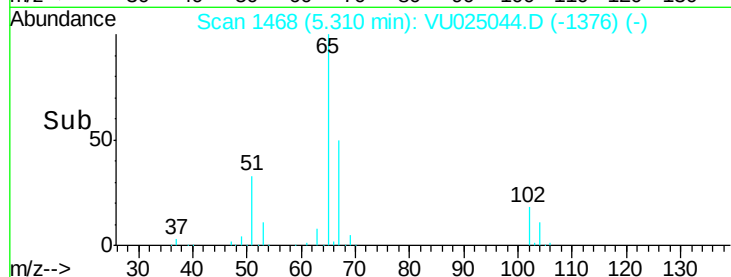
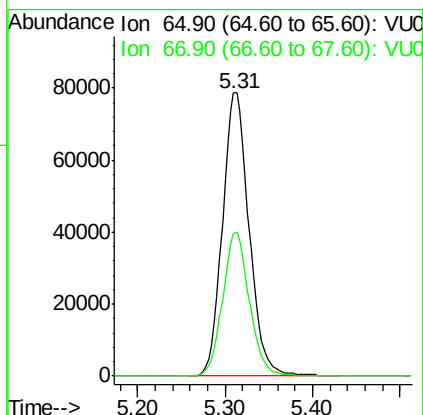
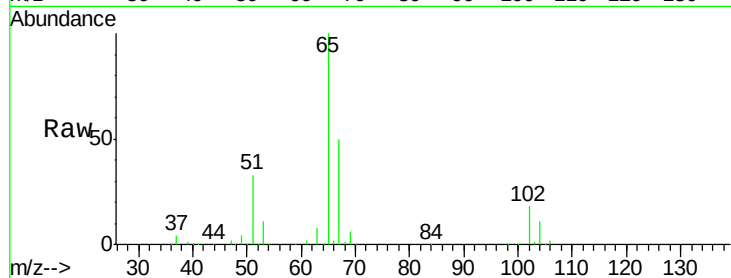




#33
 1,2-Dichloroethane-d4
 Concen: 46.243 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

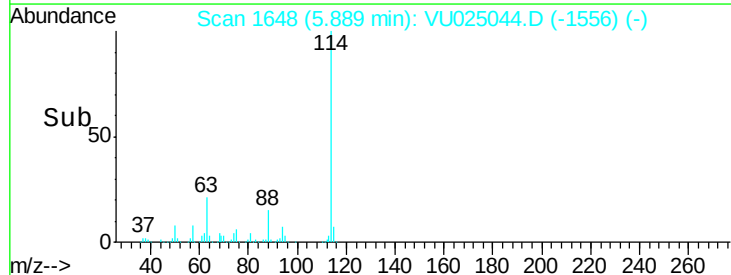
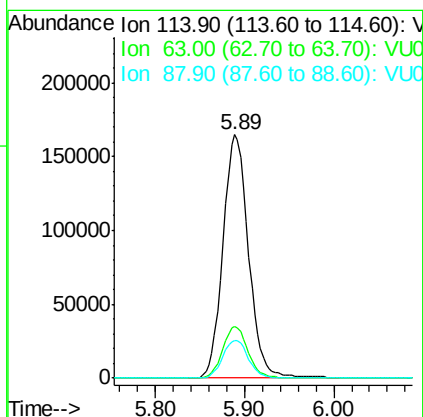
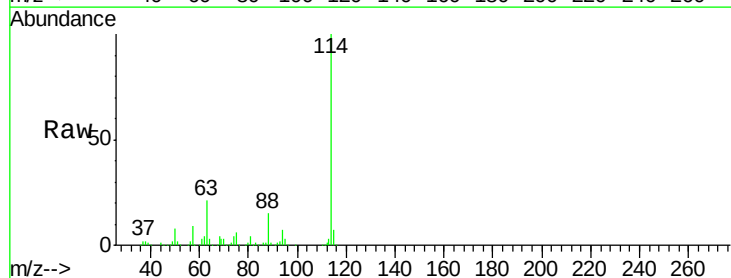
Instrument :
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 WP021SB479-27-29-180620ME

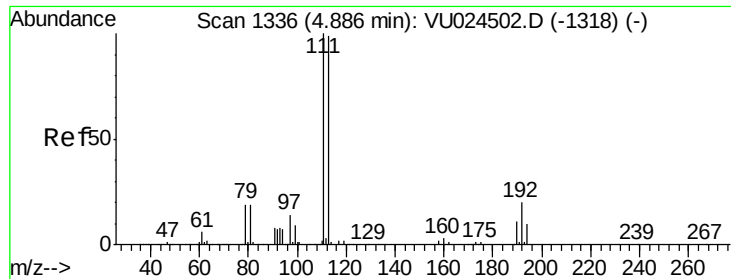
Tgt Ion: 65 Resp: 165848
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion: 114 Resp: 327994
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.4
 88 15.5 0.0 31.0

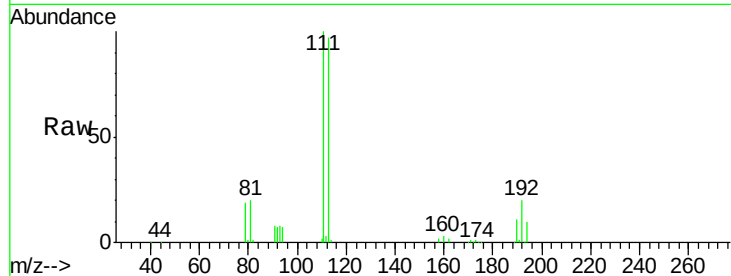




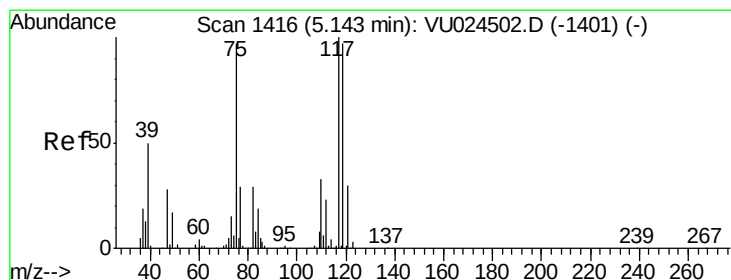
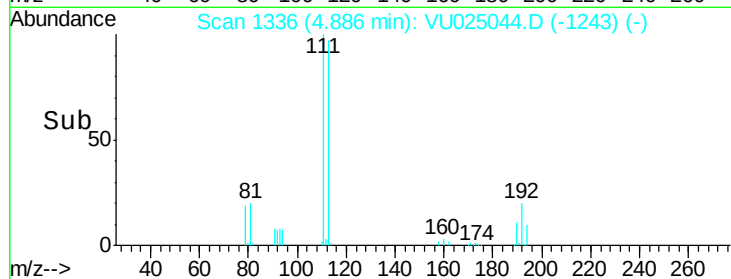
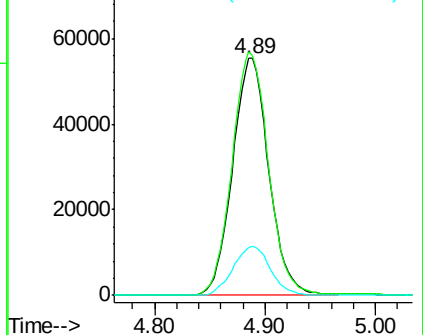
#35
 Dibromofluoromethane
 Concen: 46.278 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-27-29-180620ME

Tgt Ion:113 Resp: 125974
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 21.2 16.2 24.4

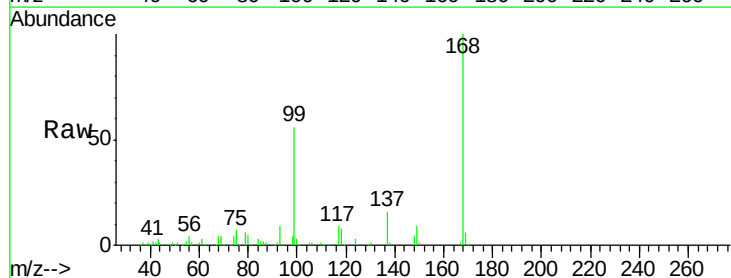


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

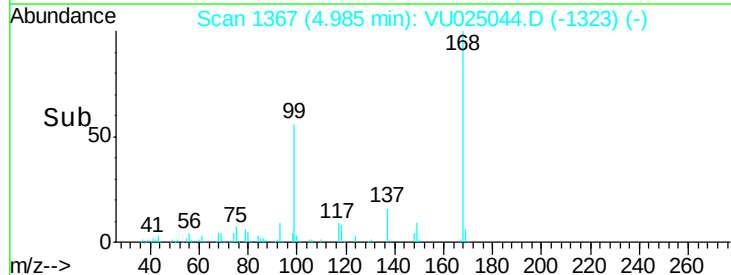
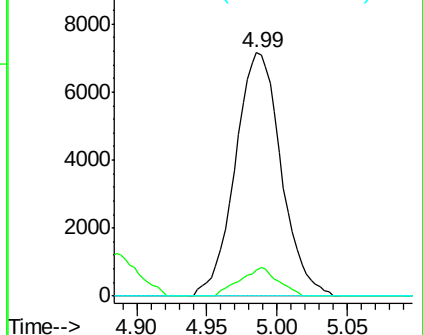


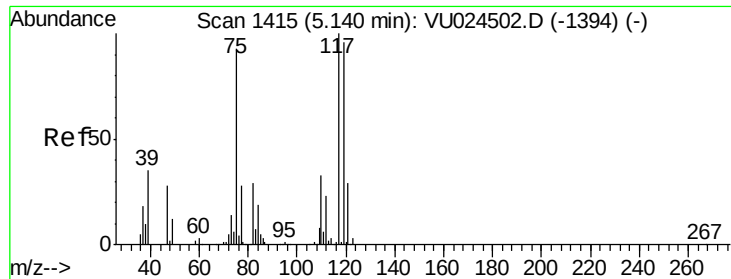
#36
 1,1-Dichloropropene
 Concen: 4.229 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion: 75 Resp: 16298
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.0 50.9#
 77 0.0 24.2 36.4#



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





#38

Carbon Tetrachloride

Concen: 4.937 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

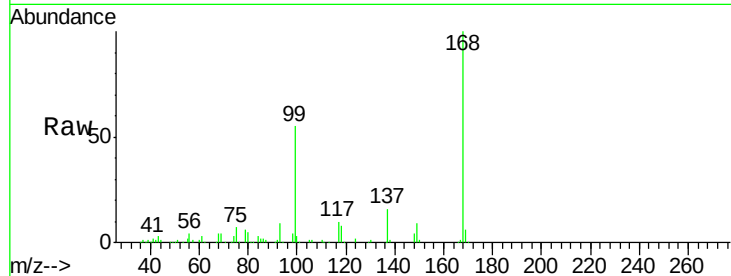
Tgt Ion:117 Resp: 20926

Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

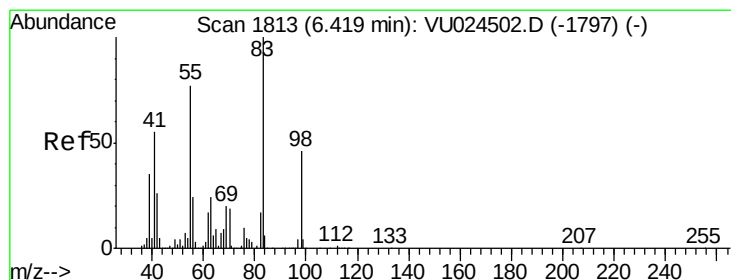
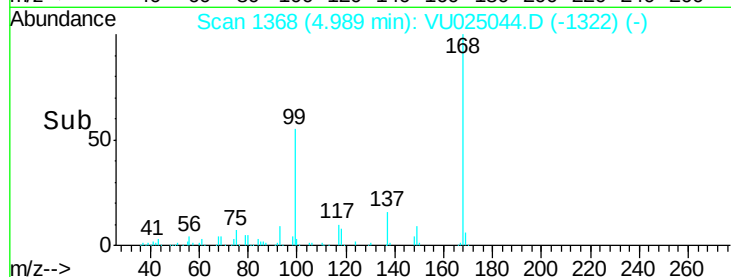
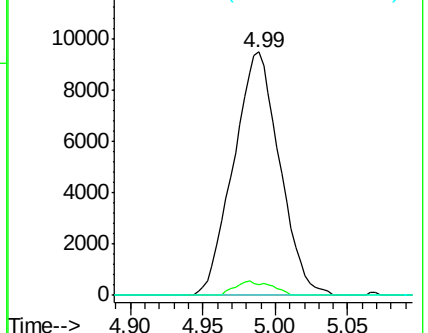
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 6.426 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

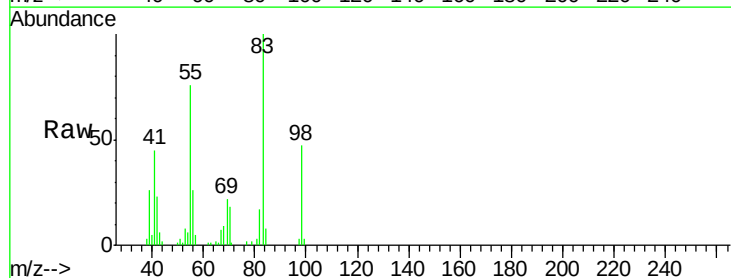
Tgt Ion: 83 Resp: 30908

Ion Ratio Lower Upper

83 100

55 75.6 65.8 98.6

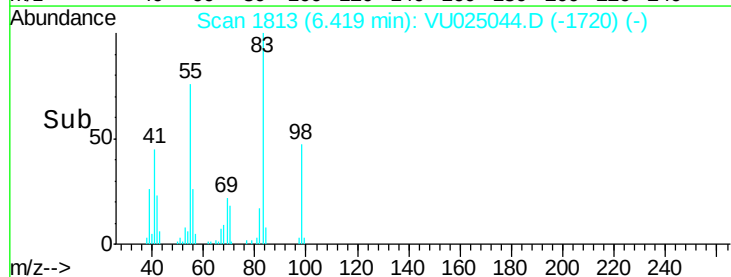
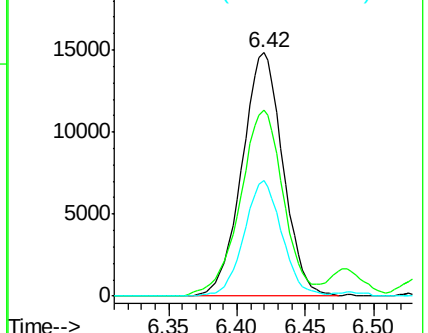
98 47.5 36.7 55.1

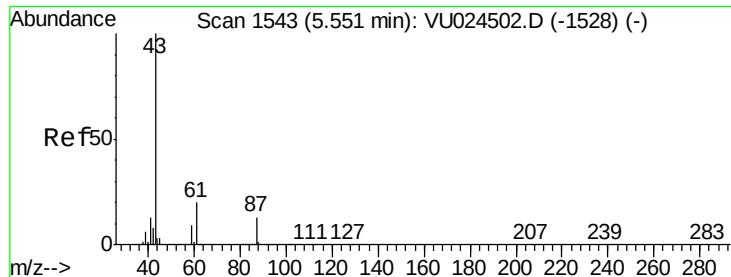


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#43

Isopropyl Acetate

Concen: 5.883 ug/l

RT: 5.54 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

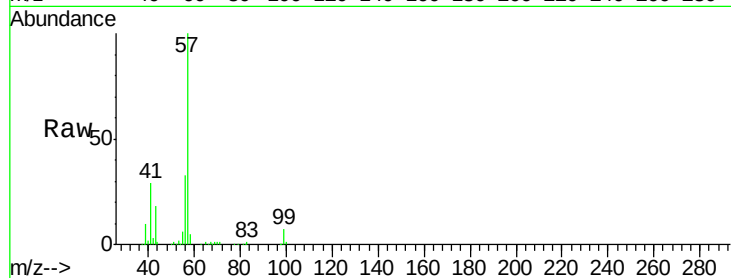
Tgt Ion: 43 Resp: 42715

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

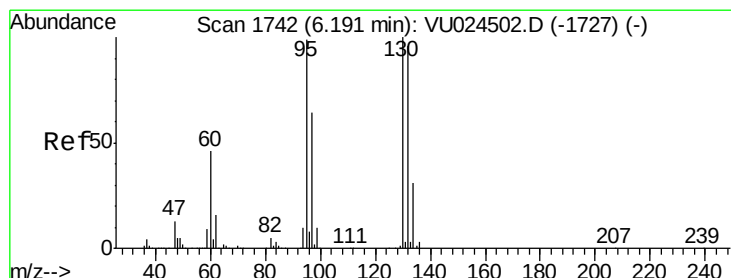
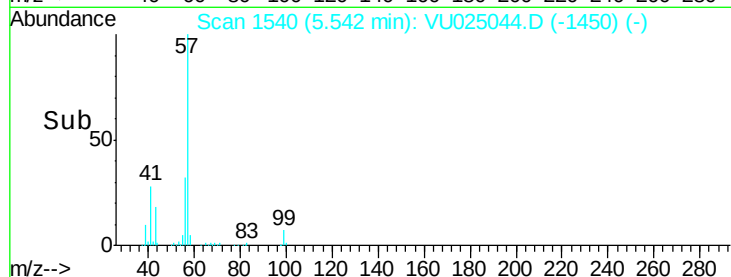
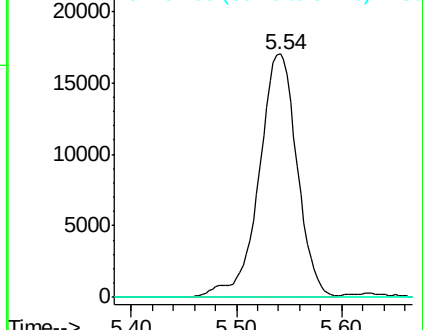
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 4.436 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025044.D

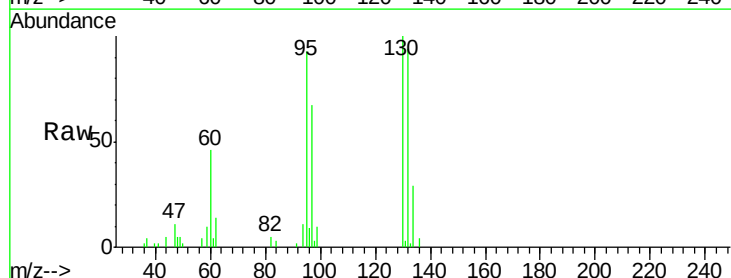
Acq: 29 Jun 2018 01:35

Tgt Ion: 130 Resp: 13864

Ion Ratio Lower Upper

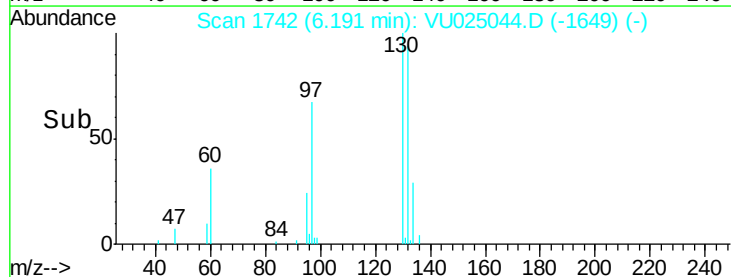
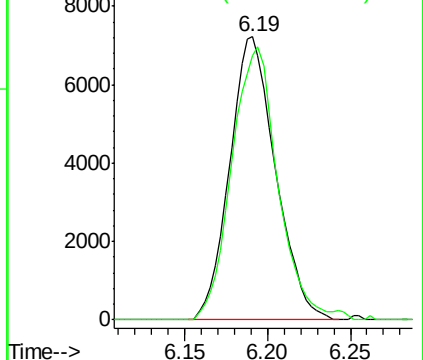
130 100

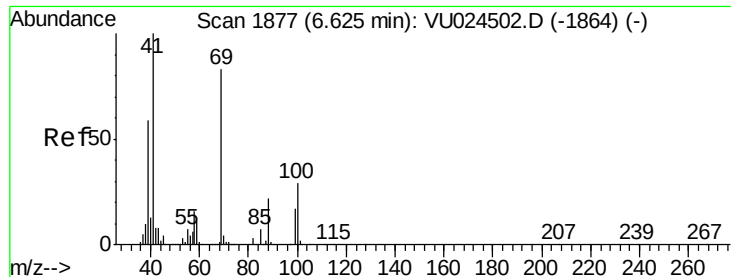
95 93.5 0.0 202.4



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

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





#48

Methyl methacrylate

Concen: 0.302 ug/l

RT: 6.65 min Scan# 1885

Delta R.T. 0.03 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

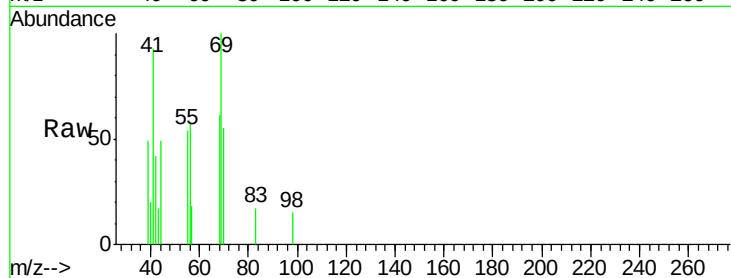
Tgt Ion: 41 Resp: 1069

Ion Ratio Lower Upper

41 100

69 141.9 67.3 100.9#

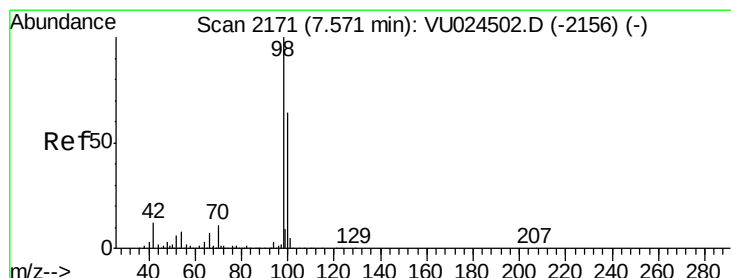
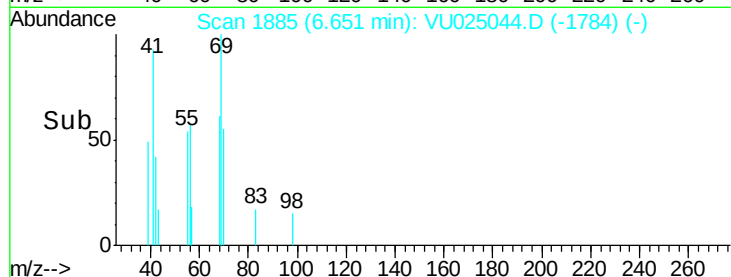
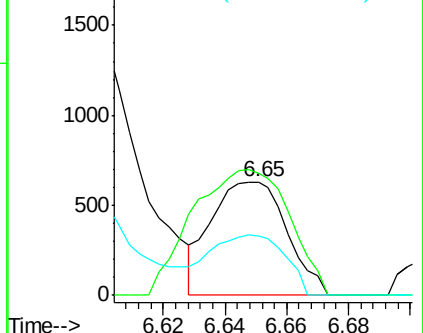
39 52.7 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#50

Toluene-d8

Concen: 48.221 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025044.D

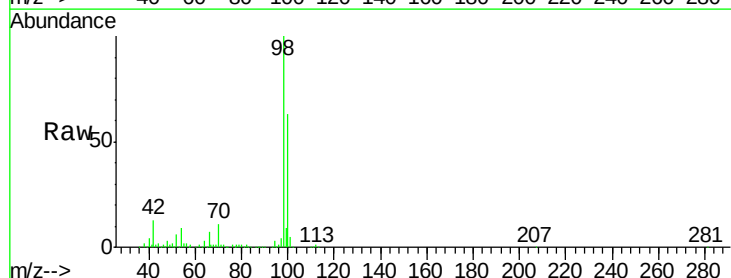
Acq: 29 Jun 2018 01:35

Tgt Ion: 98 Resp: 478793

Ion Ratio Lower Upper

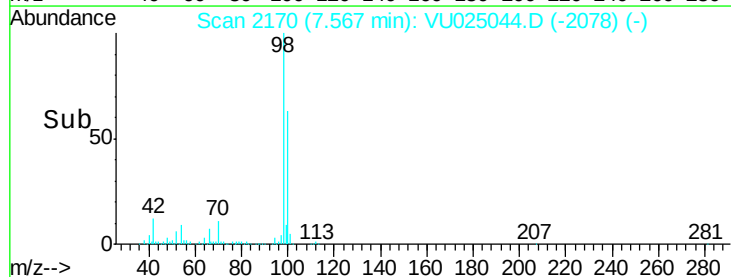
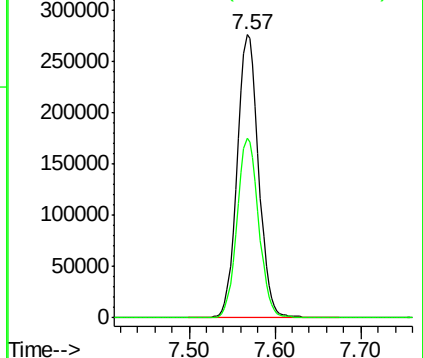
98 100

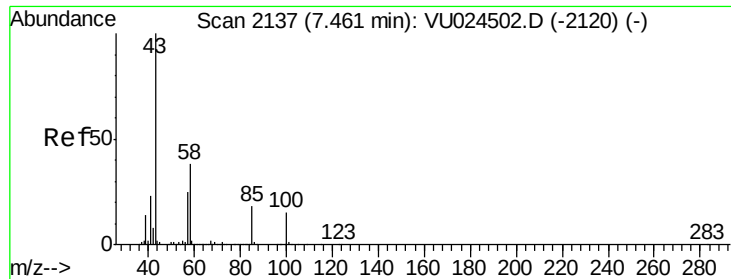
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

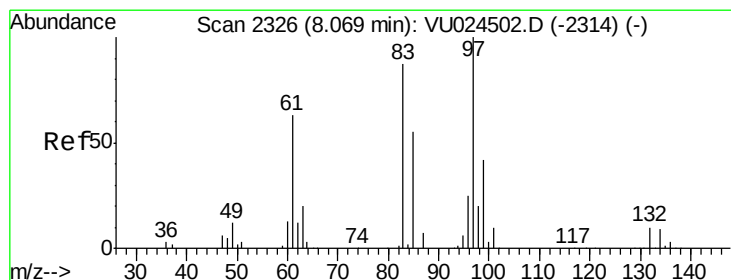
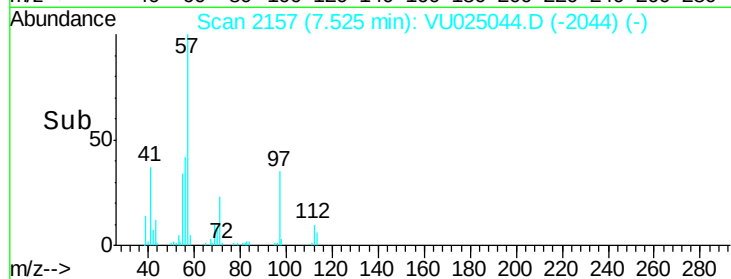
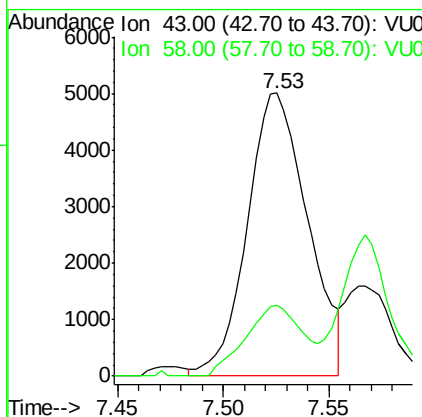
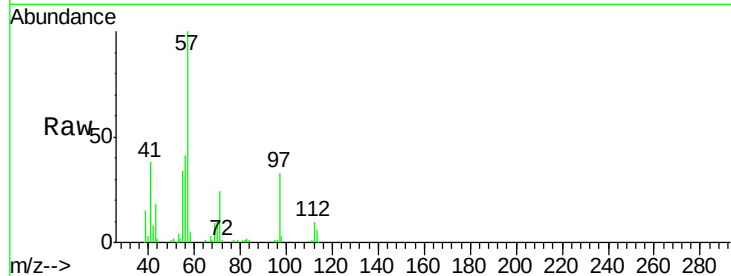




#51
 4-Methyl-2-Pentanone
 Concen: 2.190 ug/l
 RT: 7.53 min Scan# 2157
 Delta R.T. 0.06 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

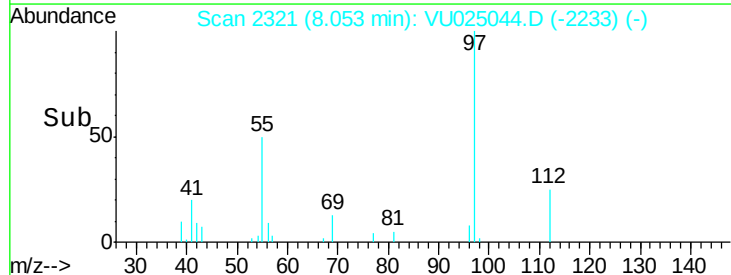
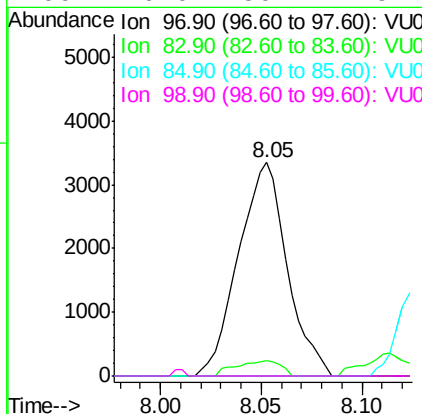
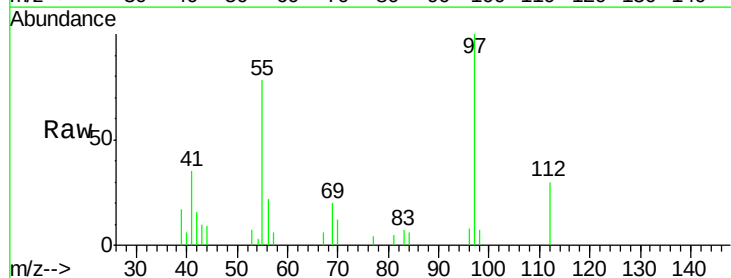
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-27-29-180620ME

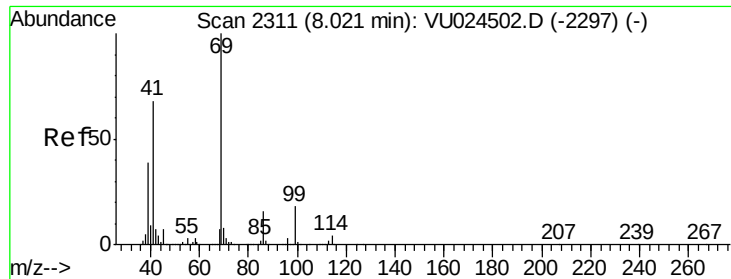
Tgt Ion: 43 Resp: 9992
 Ion Ratio Lower Upper
 43 100
 58 23.7 30.0 45.0#



#55
 1,1,2-Trichloroethane
 Concen: 1.966 ug/l
 RT: 8.05 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion: 97 Resp: 5647
 Ion Ratio Lower Upper
 97 100
 83 6.9 70.5 105.7#
 85 0.0 46.4 69.6#
 99 0.0 50.2 75.2#

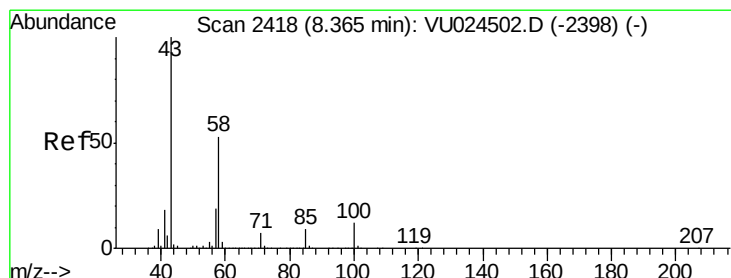
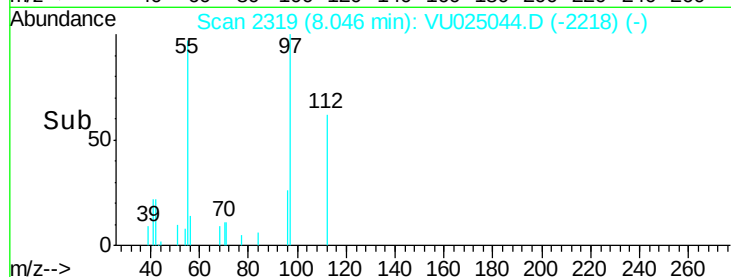
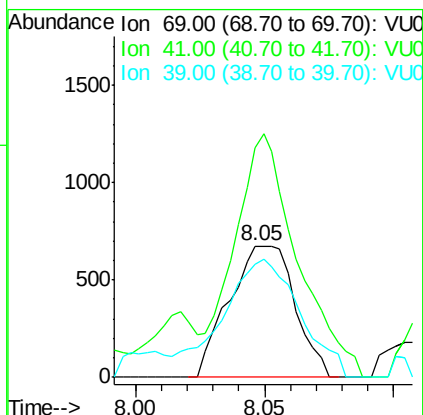
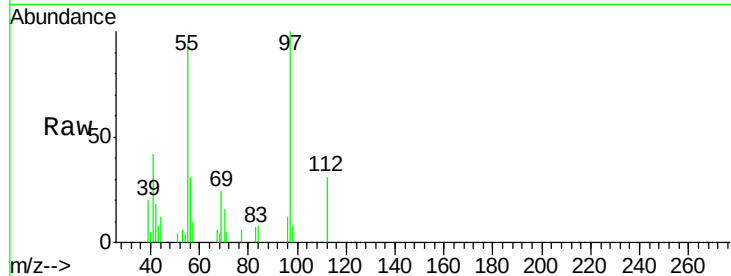




#56
Ethyl methacrylate
Concen: 0.249 ug/l
RT: 8.05 min Scan# 2319
Delta R.T. 0.03 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

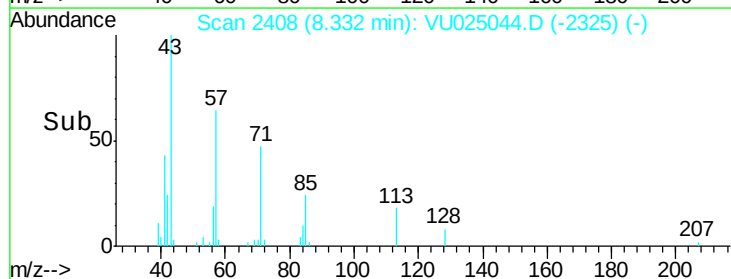
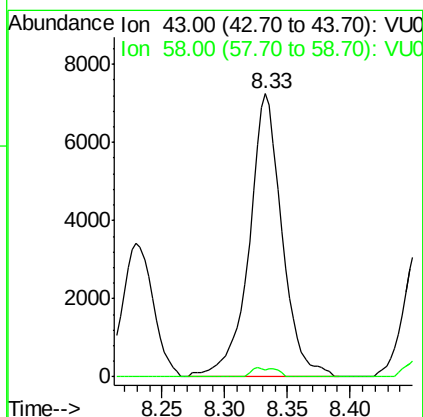
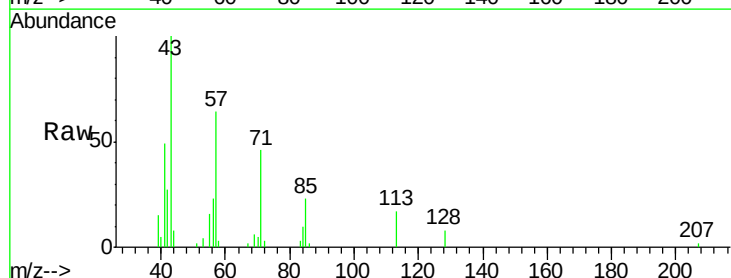
Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-27-29-180620ME

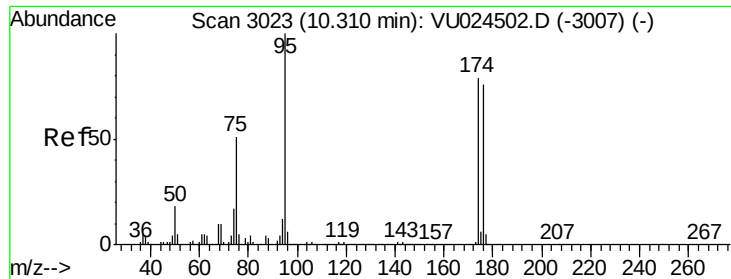
Tgt Ion: 69 Resp: 1198
Ion Ratio Lower Upper
69 100
41 180.4 54.1 81.1#
39 105.9 30.3 45.5#



#59
2-Hexanone
Concen: 3.558 ug/l
RT: 8.33 min Scan# 2408
Delta R.T. -0.03 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

Tgt Ion: 43 Resp: 13253
Ion Ratio Lower Upper
43 100
58 2.4 26.4 79.0#





#62

4-Bromofluorobenzene

Concen: 47.396 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

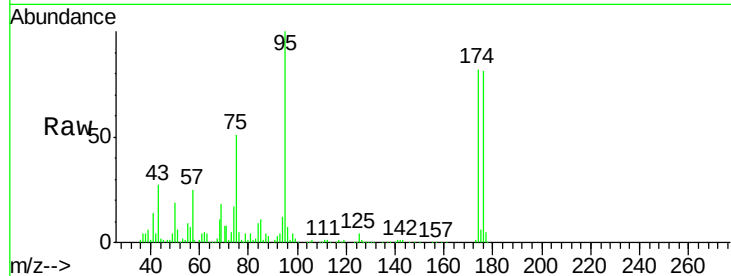
Tgt Ion: 95 Resp: 186849

Ion Ratio Lower Upper

95 100

174 83.0 0.0 165.8

176 81.5 0.0 159.4

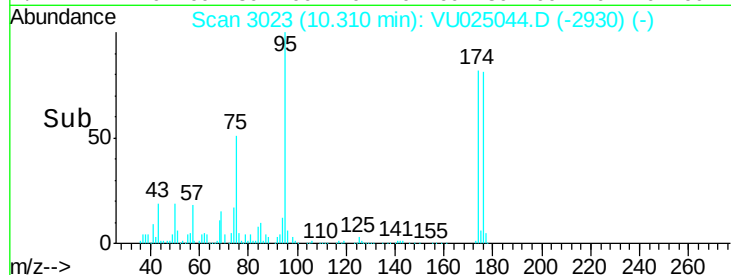


Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

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

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

Time-->

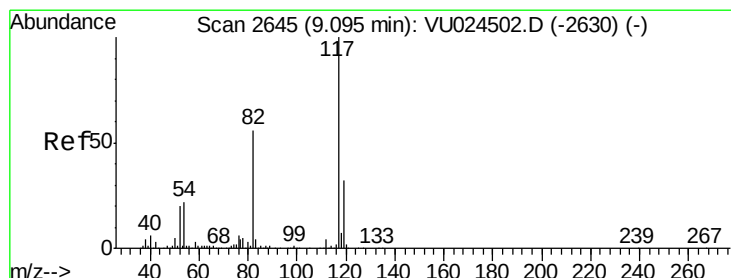


Abundance Ion 94.90 (94.60 to 95.60): VU025044.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025044.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025044.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

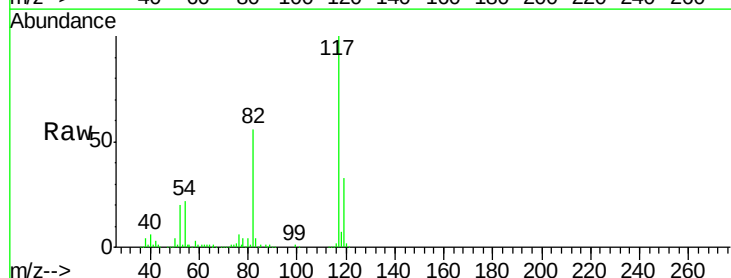
Tgt Ion: 117 Resp: 305937

Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

119 32.6 25.4 38.2

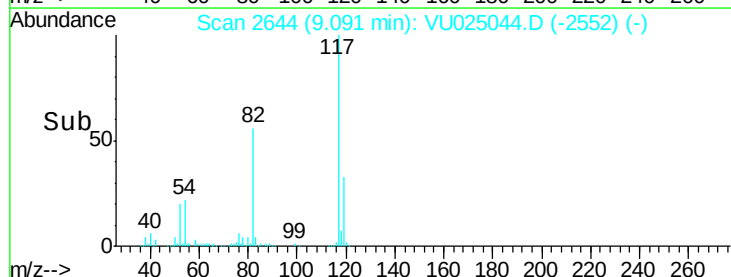


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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

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

Time-->

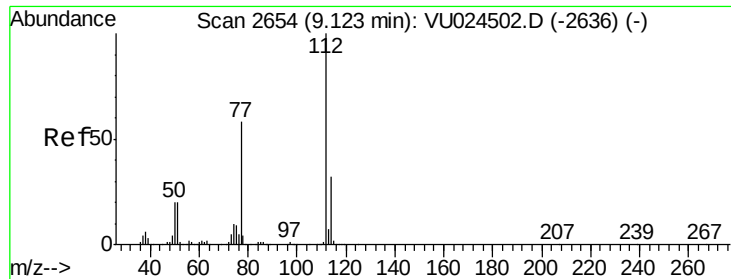


Abundance Ion 116.90 (116.60 to 117.60): VU025044.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025044.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025044.D (-2552) (-)

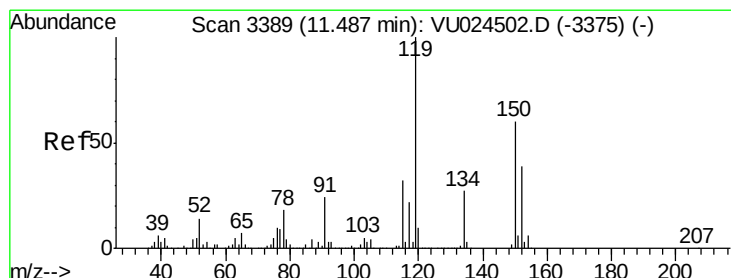
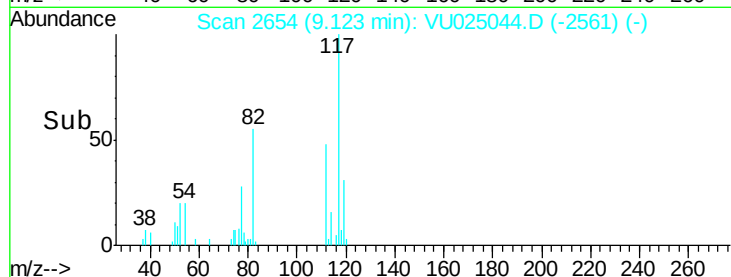
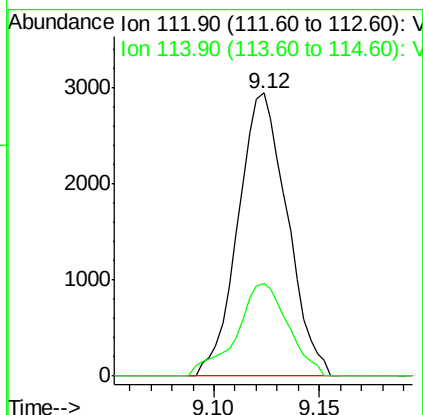
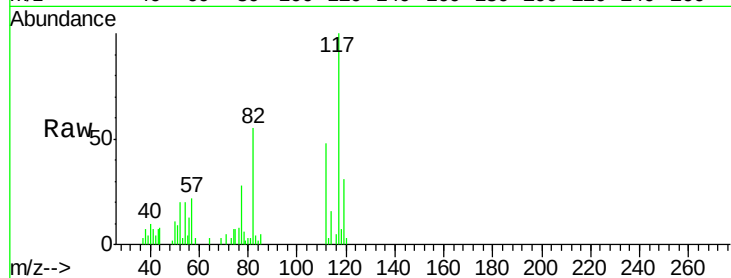
Time-->



#65
Chlorobenzene
Concen: 0.611 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

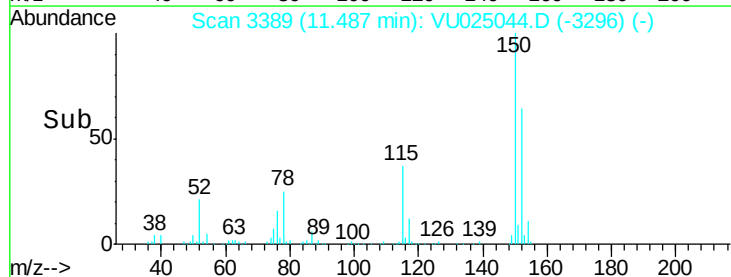
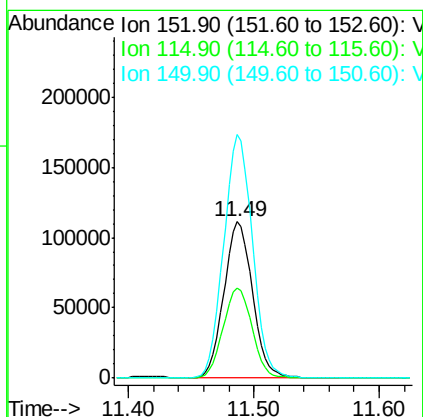
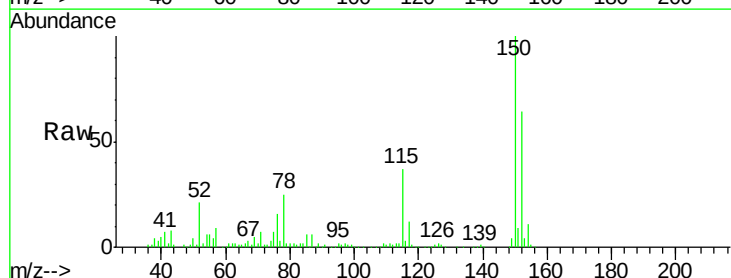
Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-27-29-180620ME

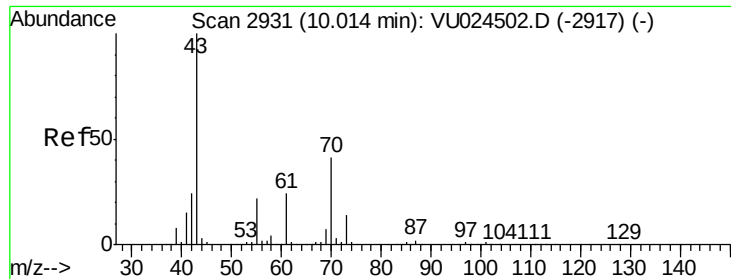
Tgt Ion:112 Resp: 4774
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

Tgt Ion:152 Resp: 174409
Ion Ratio Lower Upper
152 100
115 58.8 43.0 129.0
150 158.3 0.0 354.0





#74

N-amyI acetate

Concen: 1.673 ug/l

RT: 10.01 min Scan# 2930

Delta R.T. -0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

Tgt Ion: 43 Resp: 10654

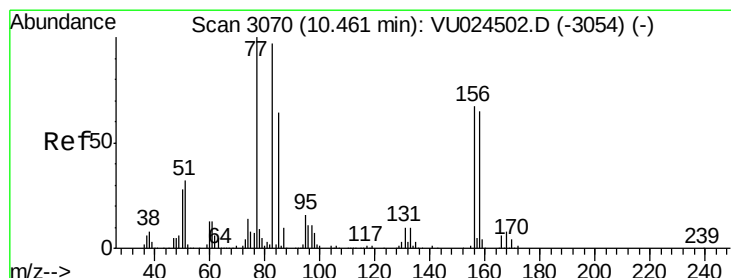
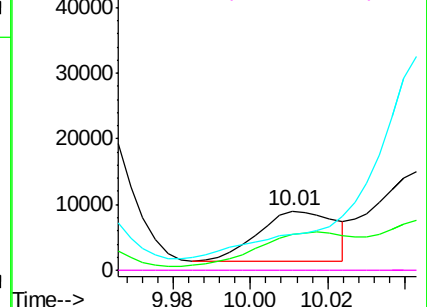
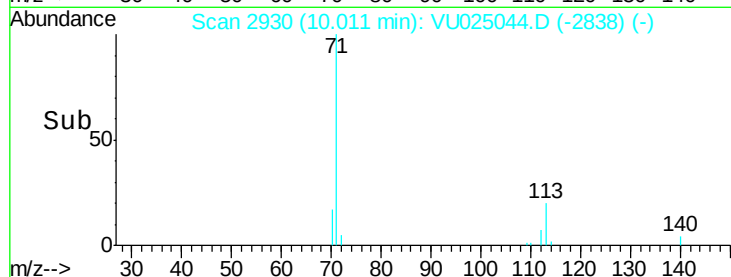
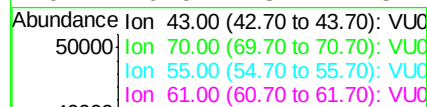
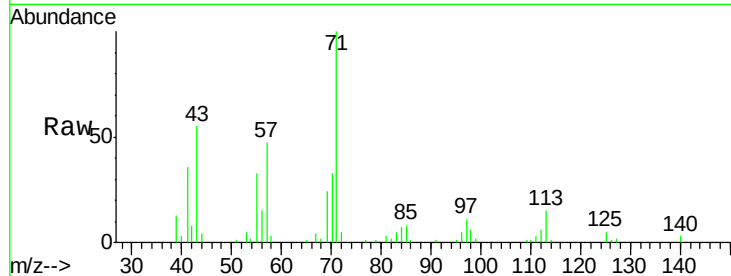
Ion Ratio Lower Upper

43 100

70 79.3 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: 3.818 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

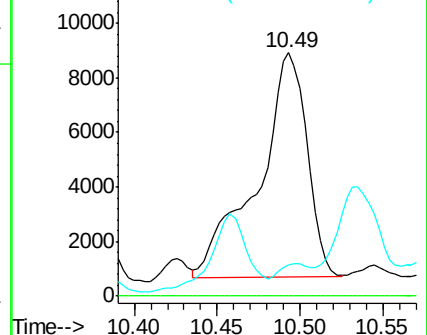
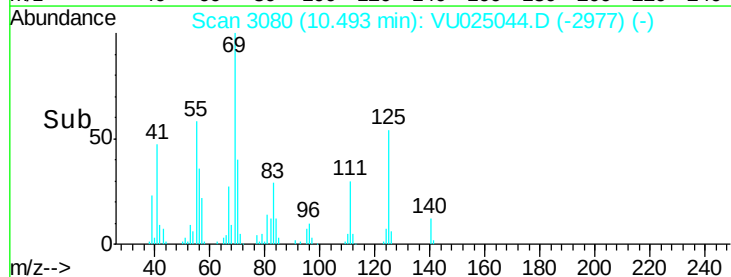
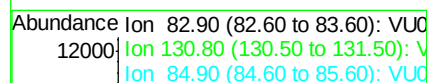
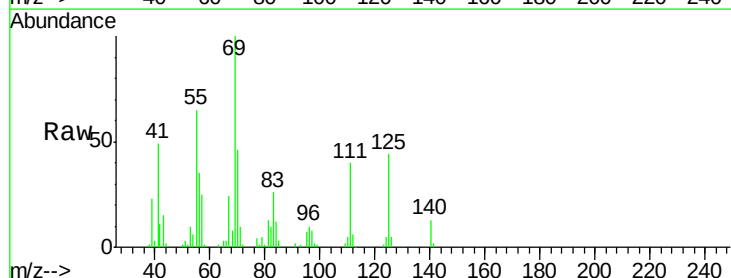
Tgt Ion: 83 Resp: 17131

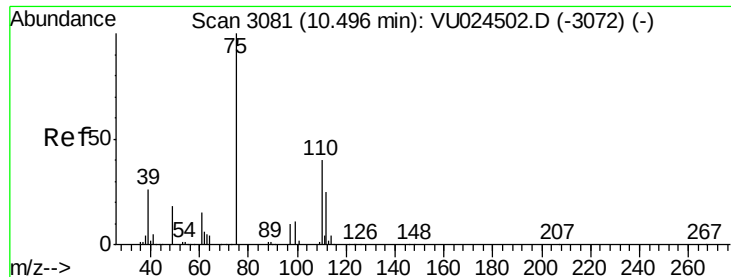
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.5 97.5#





#76

1,2,3-Trichloropropane

Concen: 24.893 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

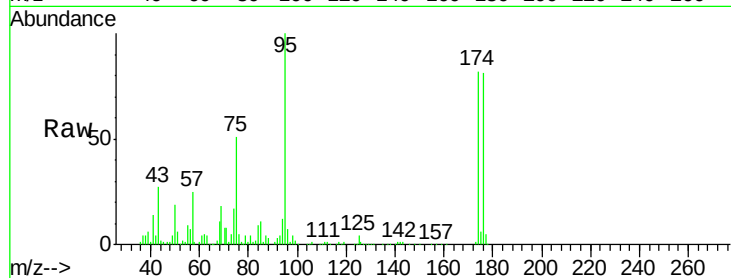
WP021SB479-27-29-180620ME

Tgt Ion: 75 Resp: 95584

Ion Ratio Lower Upper

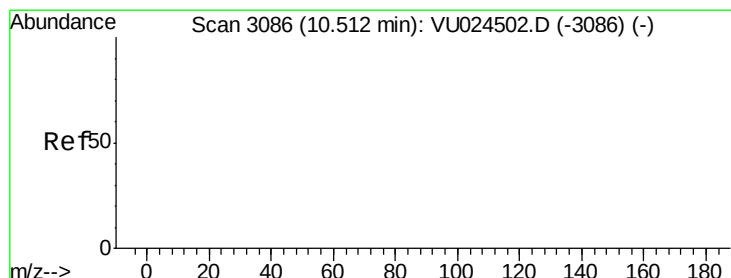
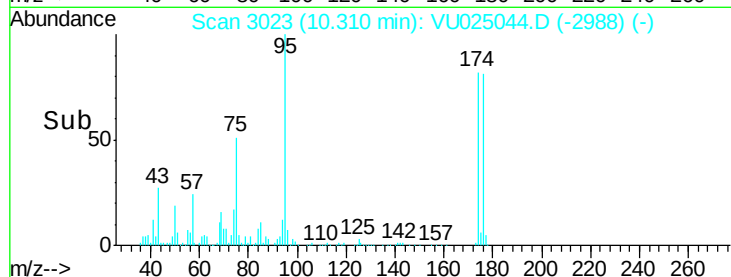
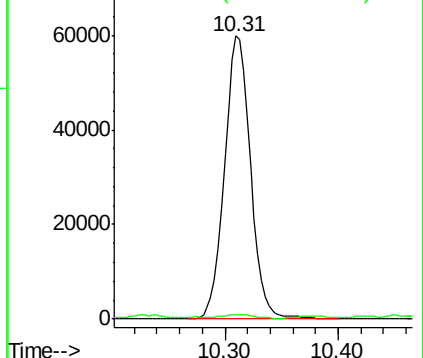
75 100

77 1.6 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 57.612 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

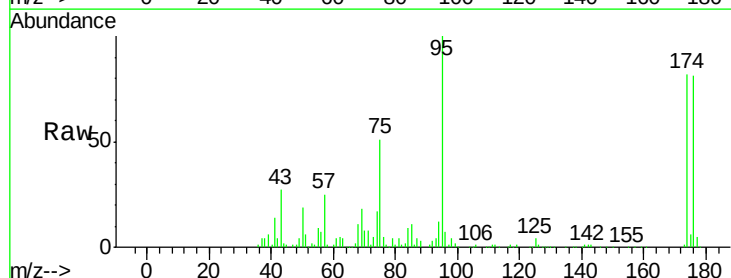
Tgt Ion: 75 Resp: 95584

Ion Ratio Lower Upper

75 100

53 3.6 0.0 0.0#

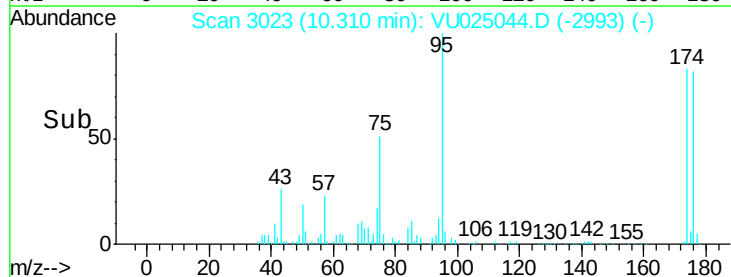
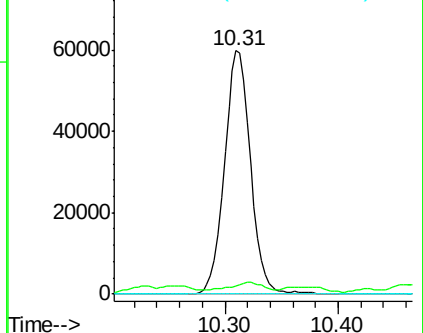
89 0.0 0.0 0.0

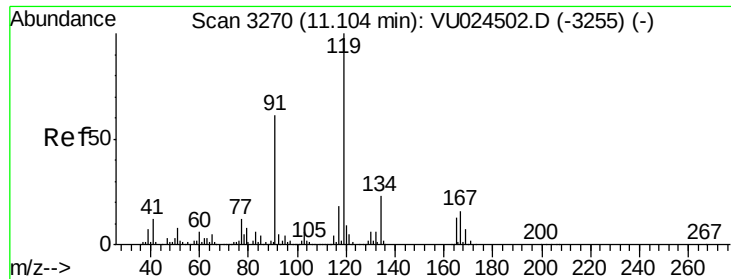


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

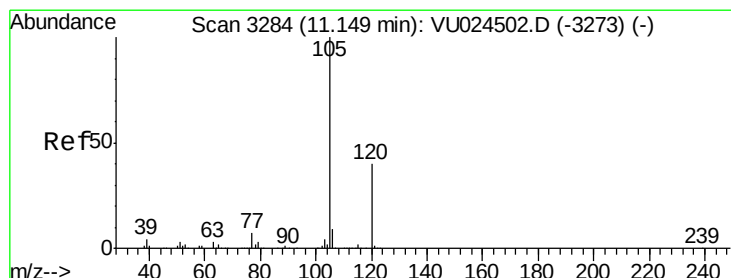
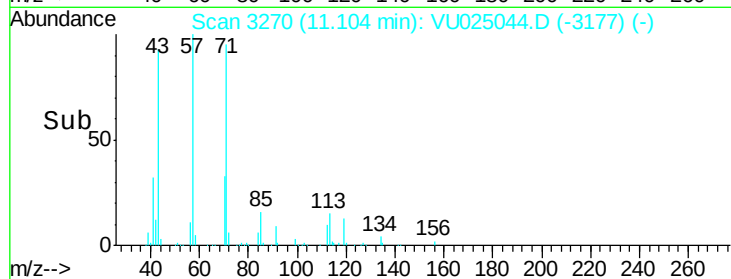
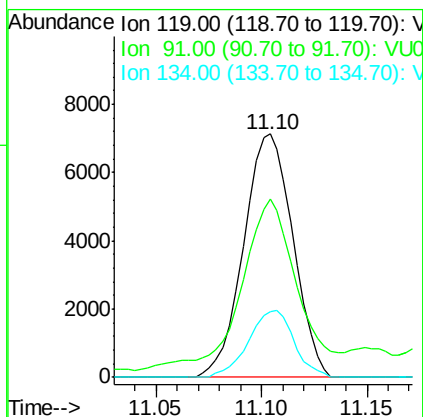
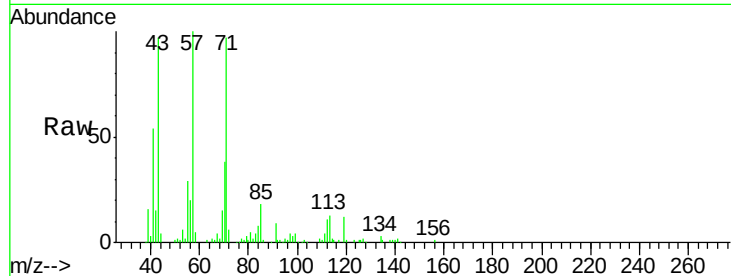




#83
 tert-Butylbenzene
 Concen: 1.036 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

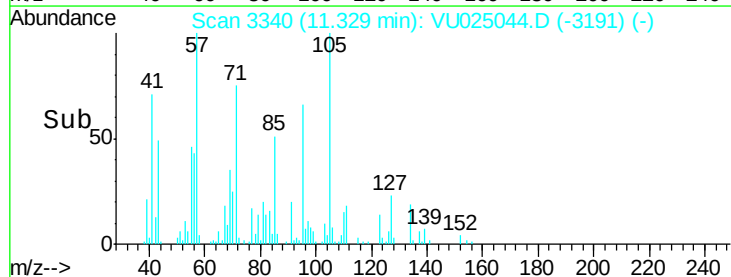
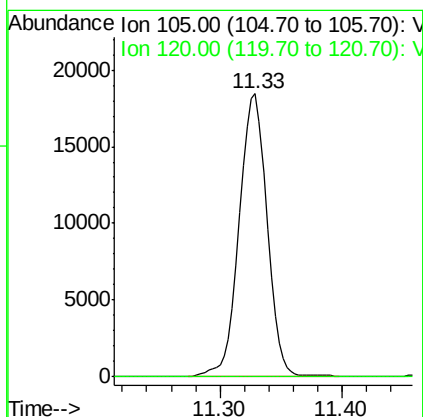
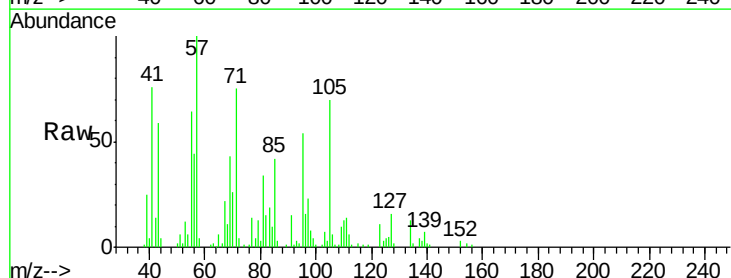
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-27-29-180620ME

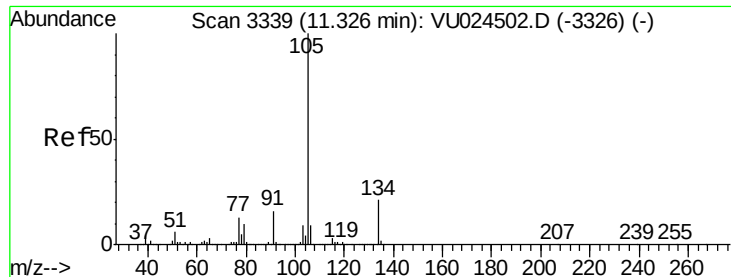
Tgt Ion:119 Resp: 11570
 Ion Ratio Lower Upper
 119 100
 91 78.3 29.7 89.1
 134 25.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 2.472 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.18 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion:105 Resp: 29233
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.8#





#85

sec-Butylbenzene

Concen: 2.092 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

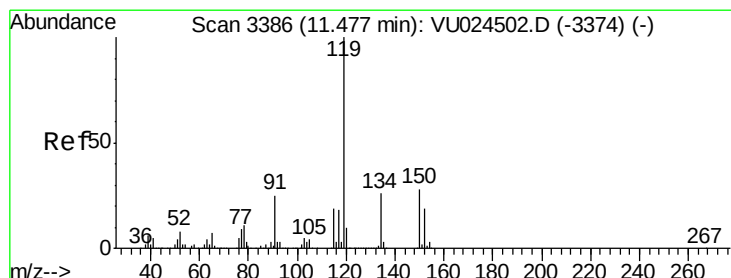
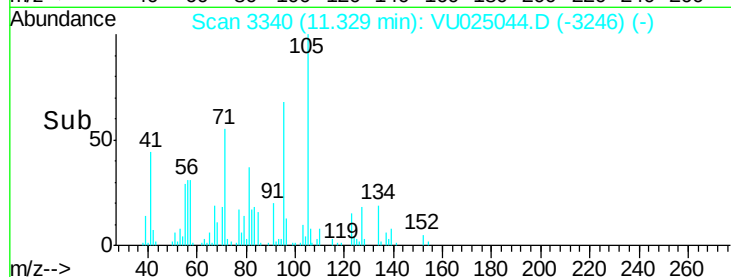
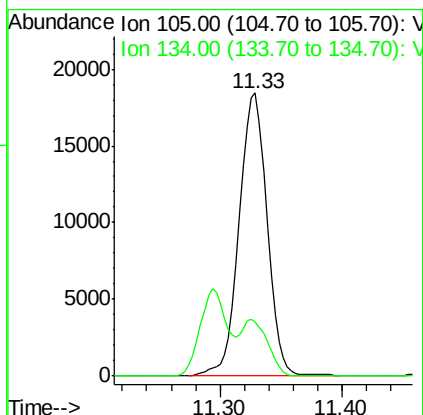
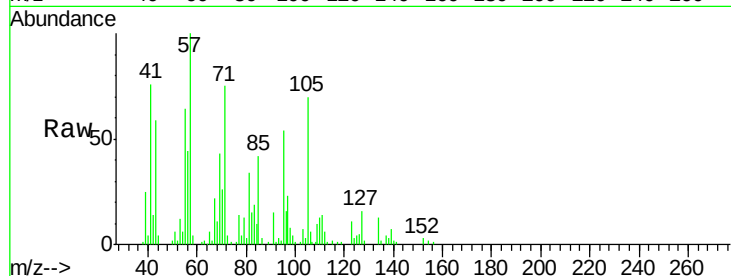
WP021SB479-27-29-180620ME

Tgt Ion:105 Resp: 29233

Ion Ratio Lower Upper

105 100

134 18.9 9.7 29.1



#86

p-Isopropyltoluene

Concen: 1.122 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

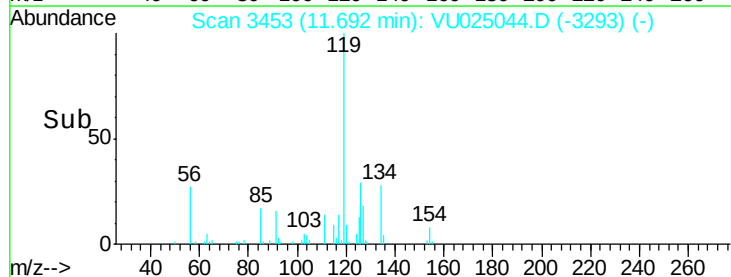
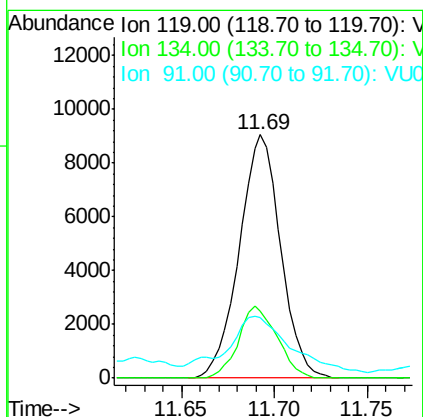
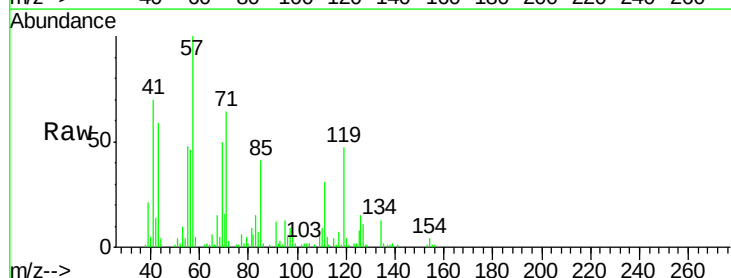
Tgt Ion:119 Resp: 14040

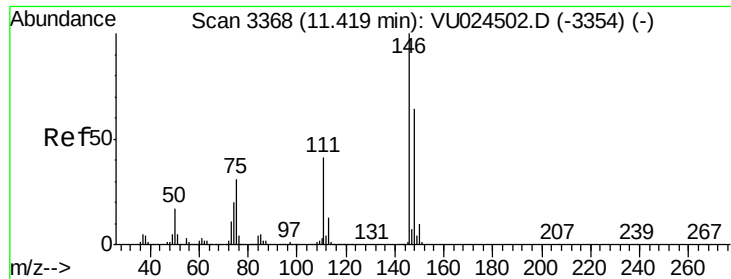
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 34.3 12.0 36.1

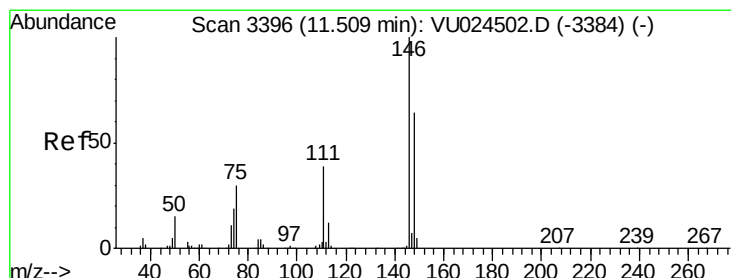
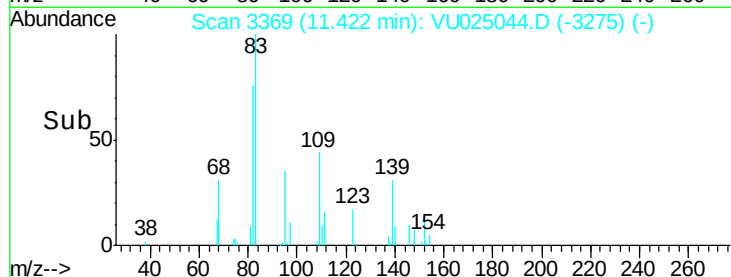
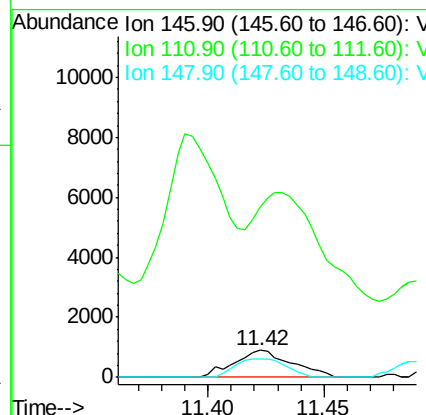
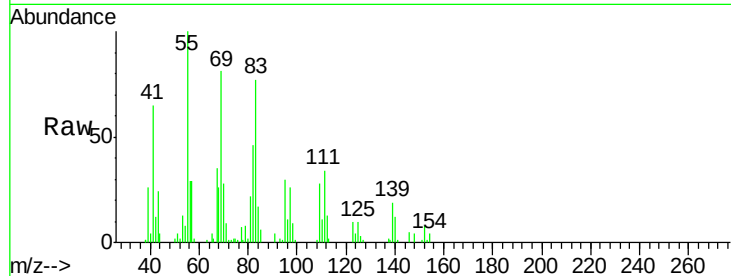




#87
 1,3-Dichlorobenzene
 Concen: 0.247 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

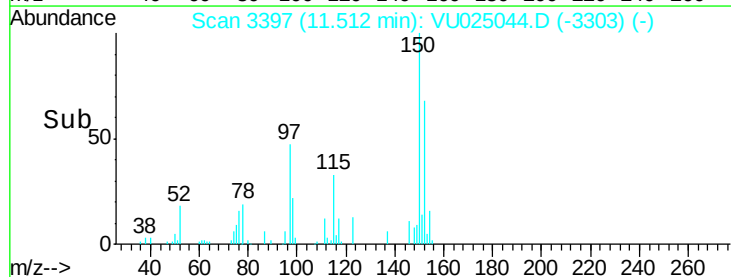
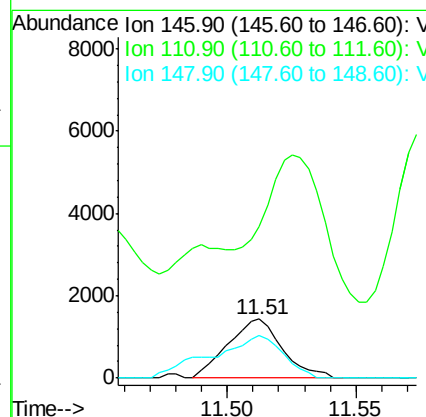
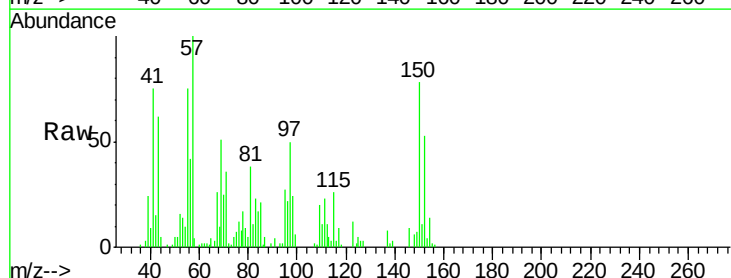
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-27-29-180620ME

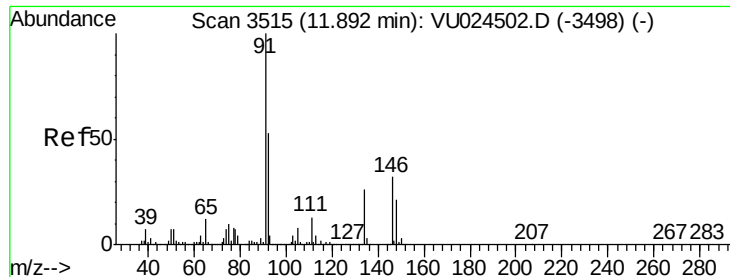
Tgt Ion:146 Resp: 1547
 Ion Ratio Lower Upper
 146 100
 111 411.8 20.0 60.0#
 148 60.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.333 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025044.D
 Acq: 29 Jun 2018 01:35

Tgt Ion:146 Resp: 2098
 Ion Ratio Lower Upper
 146 100
 111 266.8 19.5 58.5#
 148 94.7 32.4 97.0





#89

n-Butylbenzene

Concen: 0.507 ug/l

RT: 11.87 min Scan# 3507

Delta R.T. -0.03 min

Lab File: VU025044.D

Acq: 29 Jun 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-27-29-180620ME

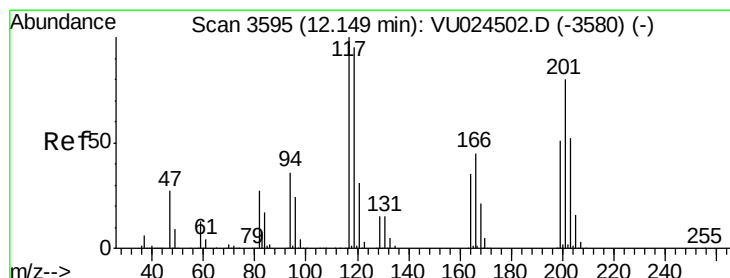
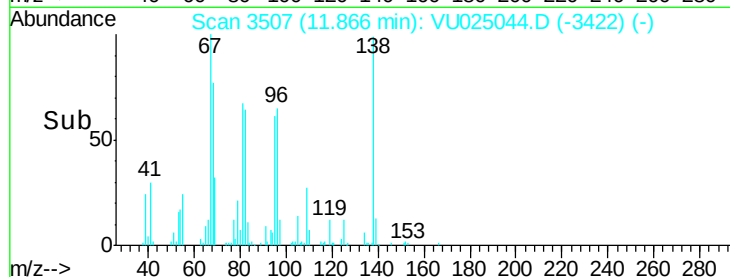
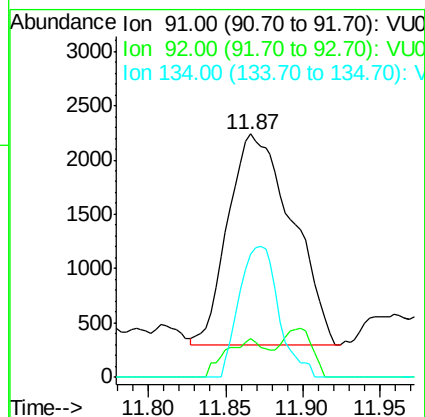
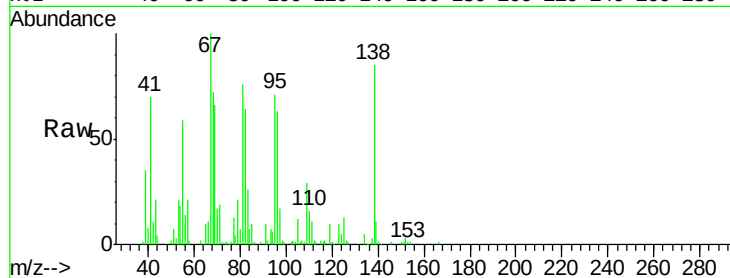
Tgt Ion: 91 Resp: 5636

Ion Ratio Lower Upper

91 100

92 12.3 25.6 76.8#

134 38.0 12.3 36.8#



#90

Hexachloroethane

Concen: 0.467 ug/l

RT: 12.23 min Scan# 3620

Delta R.T. 0.08 min

Lab File: VU025044.D

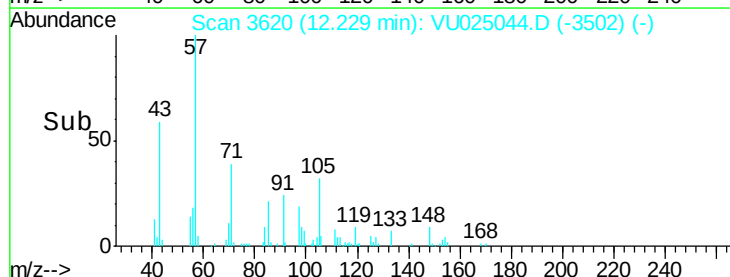
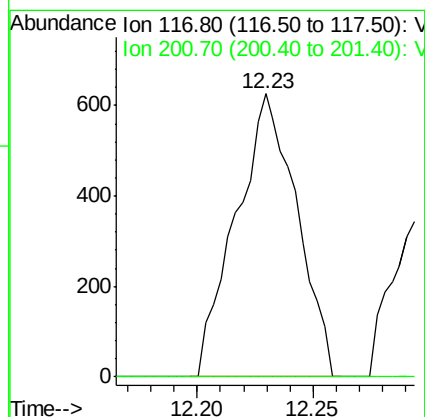
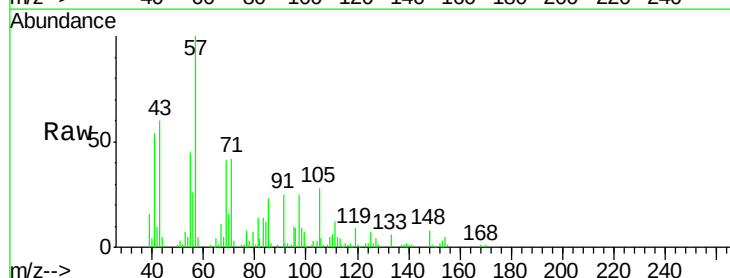
Acq: 29 Jun 2018 01:35

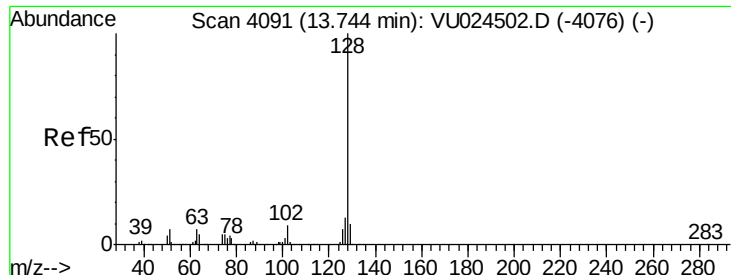
Tgt Ion: 117 Resp: 1140

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#





#95
Naphthalene
Concen: 0.827 ug/l
RT: 13.74 min Scan# 4090
Delta R.T. -0.00 min
Lab File: VU025044.D
Acq: 29 Jun 2018 01:35

Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-27-29-180620ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.5	10.6	16.0#
129	46.1	8.6	12.8#

