

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025050.D
 Acq On : 29 Jun 2018 04:00
 Operator : MD/SY
 Sample : J3671-17ME
 Misc : 6.14g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

Quant Time: Jun 29 05:17:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	241633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361544	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	348641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	209066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	180067	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	4.89	113	136498	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	7.57	98	529497	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	10.32	95	219658	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	1017	0.329 ug/l	100
4) Vinyl Chloride	1.40	62	2772	0.870 ug/l	89
5) Bromomethane	1.60	94	940	0.610 ug/l #	69
6) Chloroethane	1.71	64	73	Below Cal #	43
8) Diethyl Ether	1.90	74	65	Below Cal #	1
10) Methyl Iodide	2.39	142	279	5.386 ug/l #	71
11) Tert butyl alcohol	2.83	59	8461	8.819 ug/l #	74
13) Acrolein	2.18	56	102	0.202 ug/l #	80
16) Acetone	2.34	43	464	0.219 ug/l #	43
18) Methyl Acetate	2.63	43	2433	0.535 ug/l #	83
27) cis-1,2-Dichloroethene	4.22	96	16301	4.679 ug/l	92
29) Tetrahydrofuran	4.65	42	607	0.344 ug/l #	53
31) Cyclohexane	4.98	56	5263	Below Cal #	7
36) 1,1-Dichloropropene	4.98	75	17989	4.234 ug/l #	51
38) Carbon Tetrachloride	4.98	117	23301	4.988 ug/l #	15
39) Methylcyclohexane	6.41	83	4671	0.881 ug/l	94
40) Benzene	5.38	78	4260	0.352 ug/l #	89
55) 1,1,2-Trichloroethane	8.05	97	1019	0.322 ug/l #	25
59) 2-Hexanone	8.33	43	3331	0.811 ug/l #	26
65) Chlorobenzene	9.13	112	246747	27.704 ug/l	100
67) Ethyl Benzene	9.26	91	4844	0.310 ug/l	96
73) Isopropylbenzene	10.17	105	8699	0.542 ug/l	97
74) N-amyl acetate	10.01	43	9014	1.181 ug/l #	55
75) 1,1,2,2-Tetrachloroethane	10.46	83	3294	0.612 ug/l #	1
76) 1,2,3-Trichloropropane	10.32	75	112420	24.424 ug/l #	36
78) n-propylbenzene	10.59	91	21210	1.122 ug/l	98
79) 2-Chlorotoluene	10.59	91	21210	1.902 ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	4237	0.305 ug/l	89
81) trans-1,4-Dichloro-2-buten	10.32	75	112420	56.527 ug/l #	100
83) tert-Butylbenzene	11.11	119	16180	1.209 ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	8003	0.564 ug/l	100
85) sec-Butylbenzene	11.33	105	42806	2.555 ug/l	92
86) p-Isopropyltoluene	11.69	119	25842	1.722 ug/l	93
87) 1,3-Dichlorobenzene	11.51	146	99816	13.296 ug/l	98

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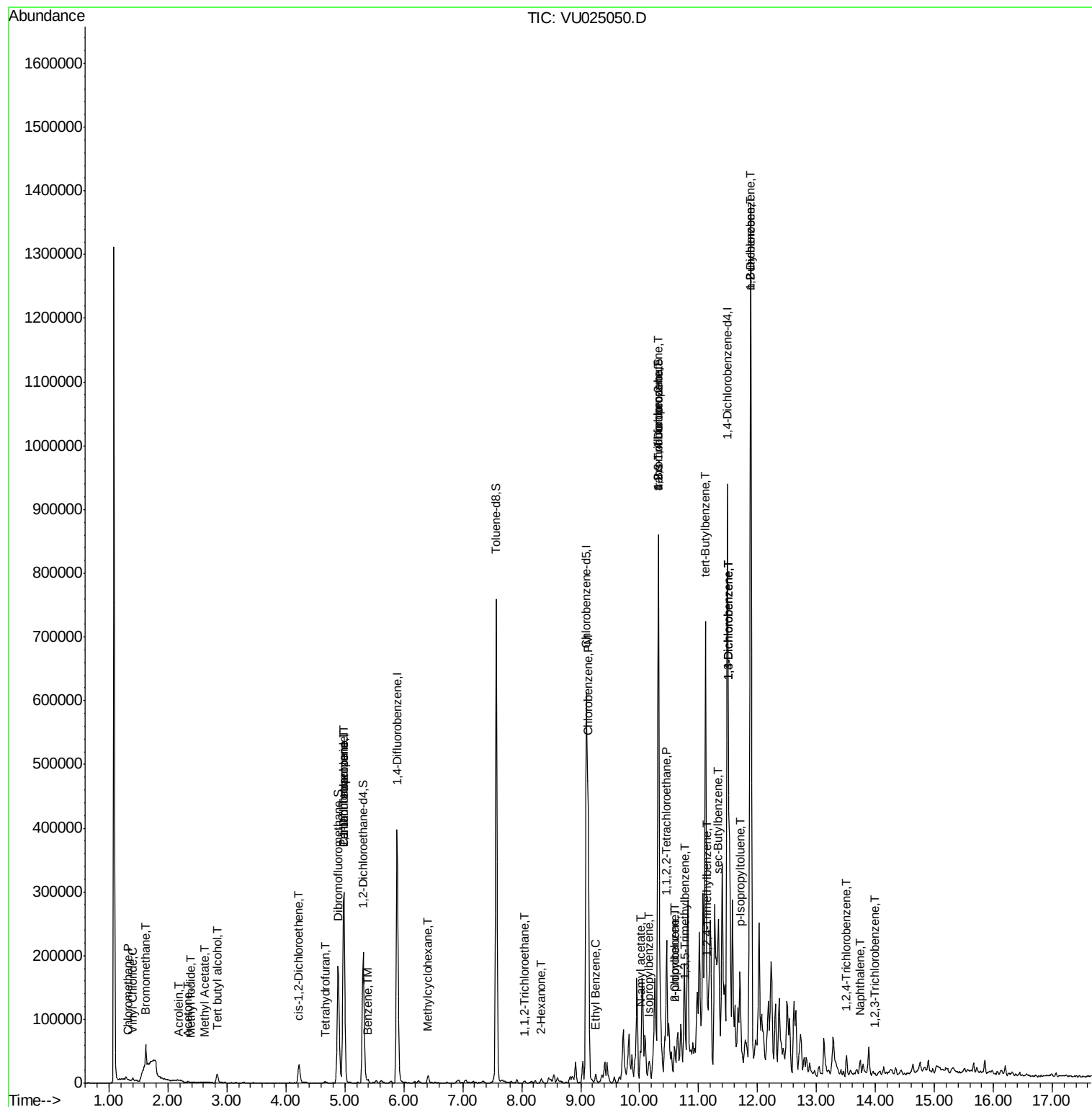
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.51	146	99816	13.210	ug/l	98
89) n-Butylbenzene	11.90	91	36766	2.760	ug/l #	86
91) 1,2-Dichlorobenzene	11.89	146	508190	67.581	ug/l	100
93) 1,2,4-Trichlorobenzene	13.51	180	7924	1.706	ug/l	93
95) Naphthalene	13.75	128	7578	1.166	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	1514	0.327	ug/l	96

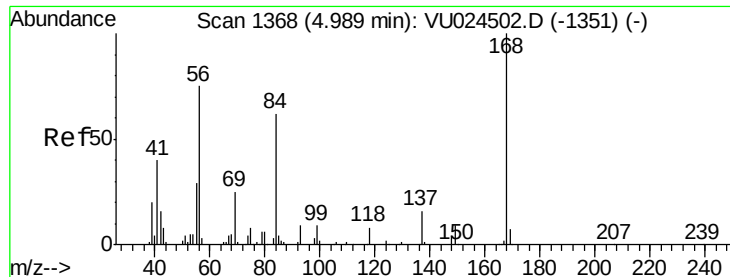
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

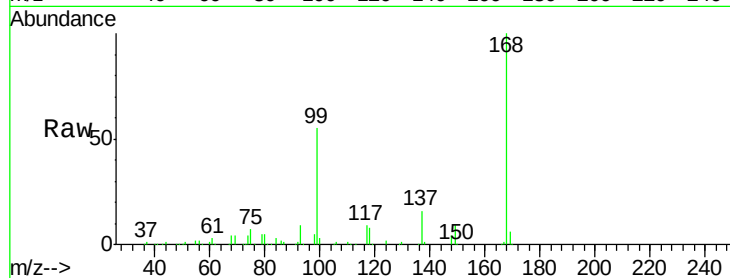
WP021SB481-15-17-180621ME

Tgt Ion:168 Resp: 241633

Ion Ratio Lower Upper

168 100

99 54.7 43.2 64.8



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

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

4.98

120000

100000

80000

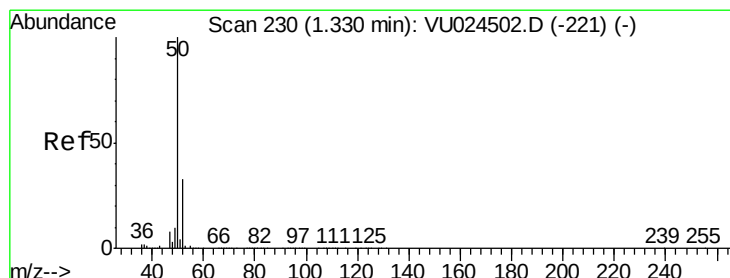
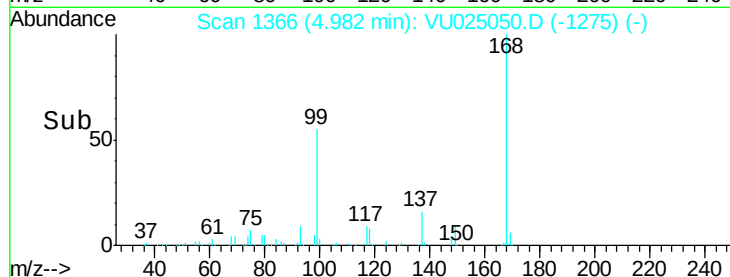
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.329 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025050.D

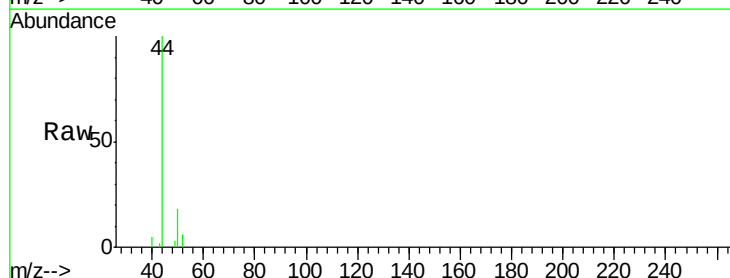
Acq: 29 Jun 2018 04:00

Tgt Ion: 50 Resp: 1017

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



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

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

1.32

800

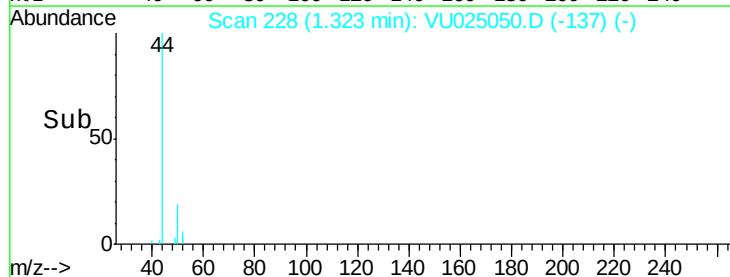
600

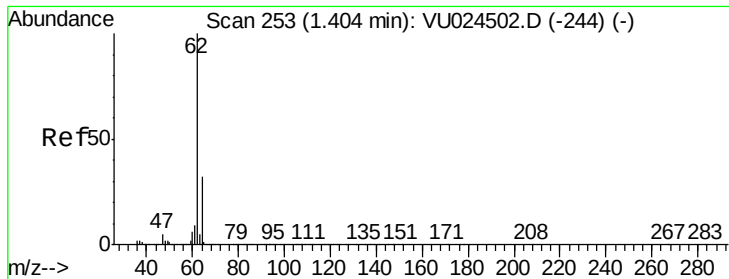
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.870 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

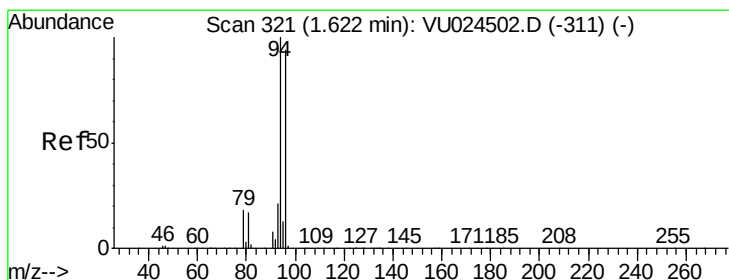
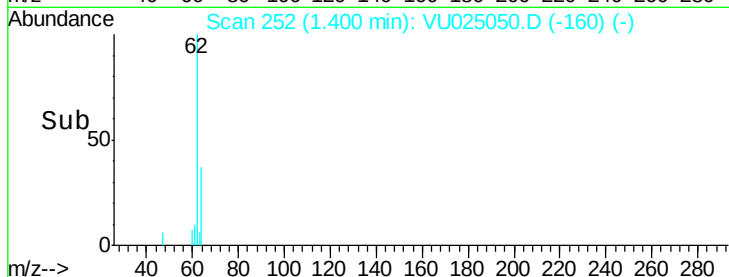
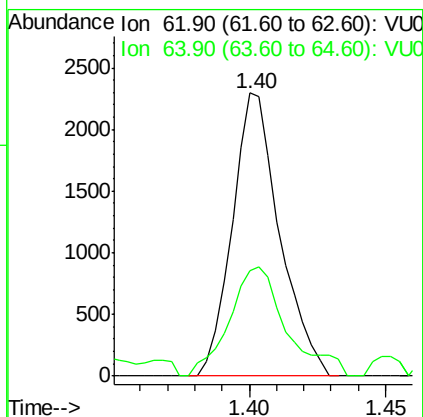
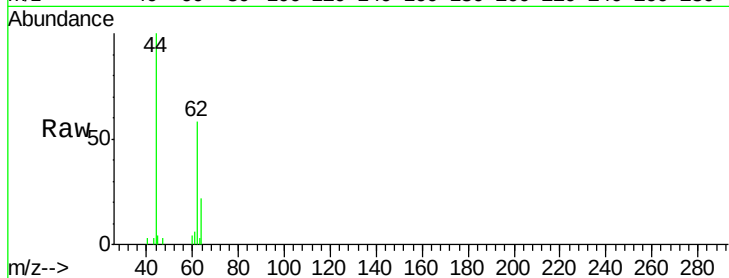
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Tgt Ion: 62 Resp: 2772

Ion Ratio Lower Upper

62 100

64 37.1 24.8 37.2



#5

Bromomethane

Concen: 0.610 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU025050.D

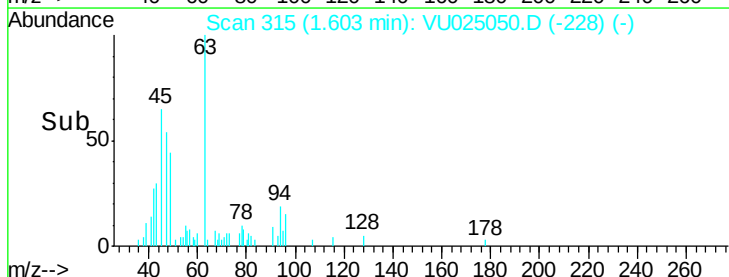
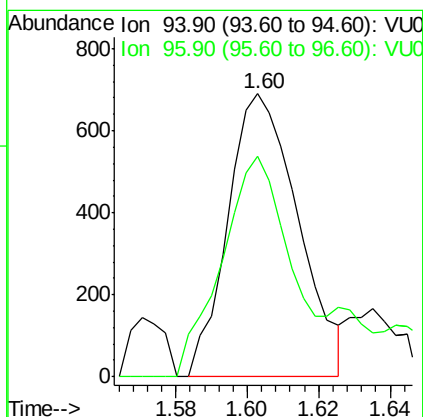
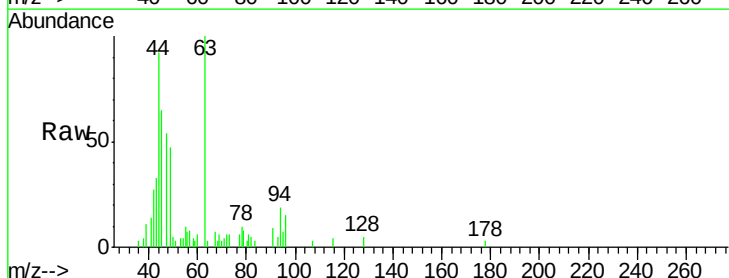
Acq: 29 Jun 2018 04:00

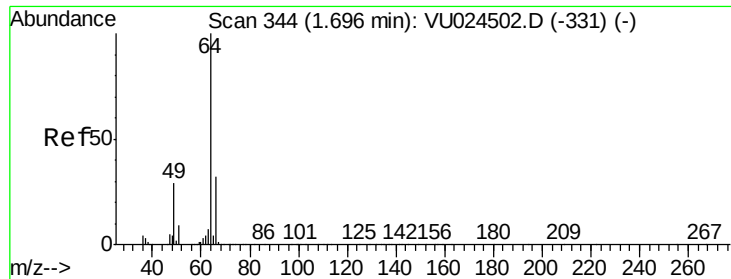
Tgt Ion: 94 Resp: 940

Ion Ratio Lower Upper

94 100

96 63.0 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

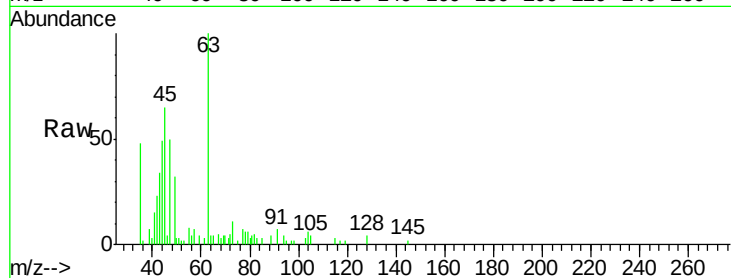
WP021SB481-15-17-180621ME

Tgt Ion: 64 Resp: 73

Ion Ratio Lower Upper

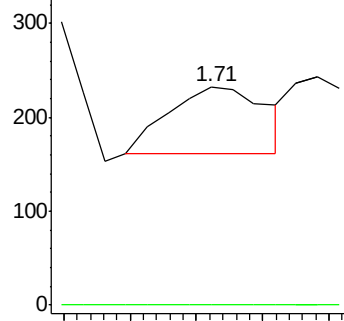
64 100

66 0.0 25.5 38.3#

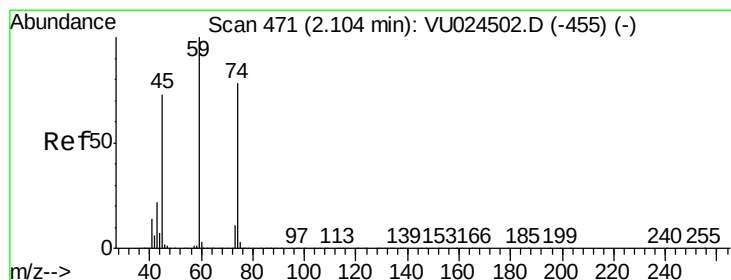
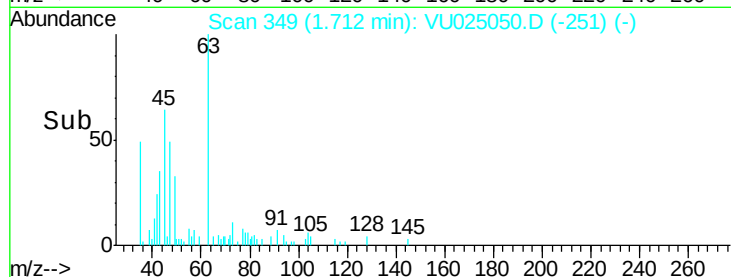


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 1.90 min Scan# 407

Delta R.T. -0.21 min

Lab File: VU025050.D

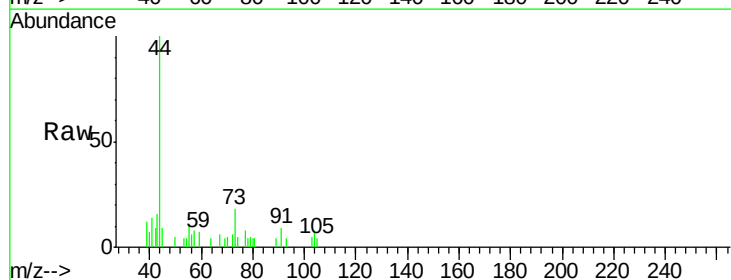
Acq: 29 Jun 2018 04:00

Tgt Ion: 74 Resp: 65

Ion Ratio Lower Upper

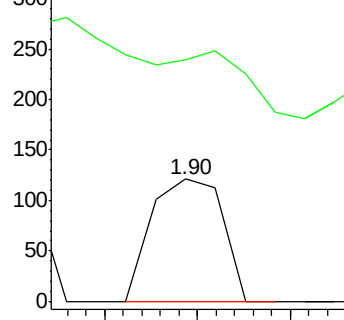
74 100

45 0.0 55.0 165.0#

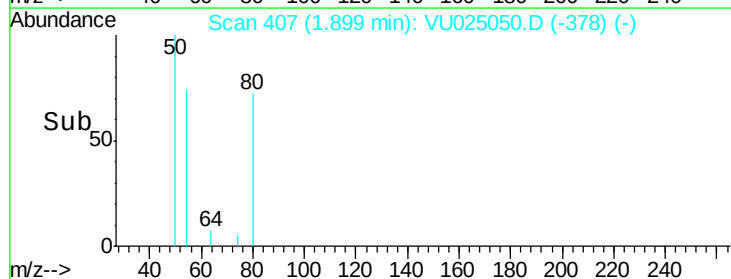


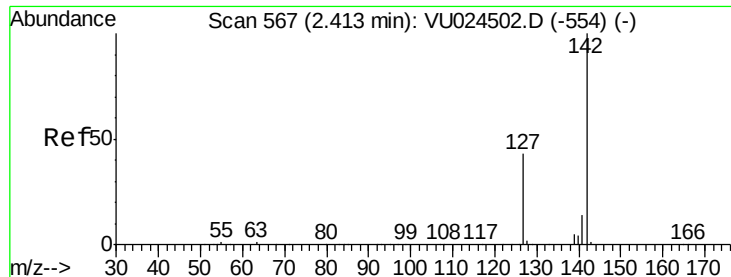
Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->

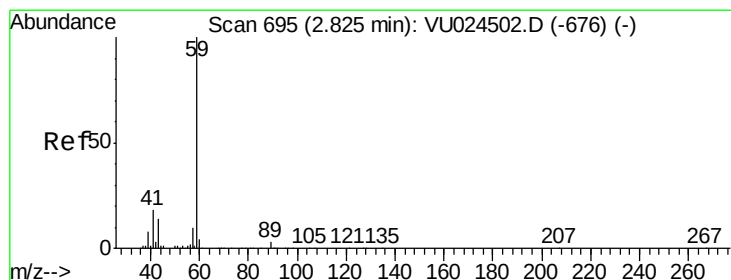
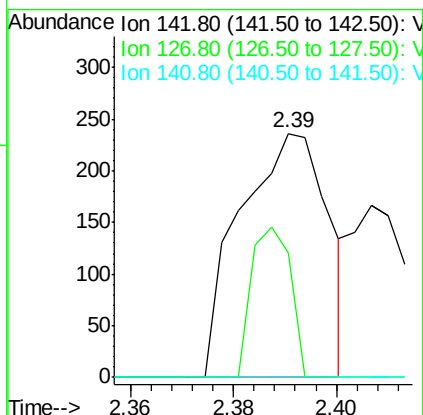
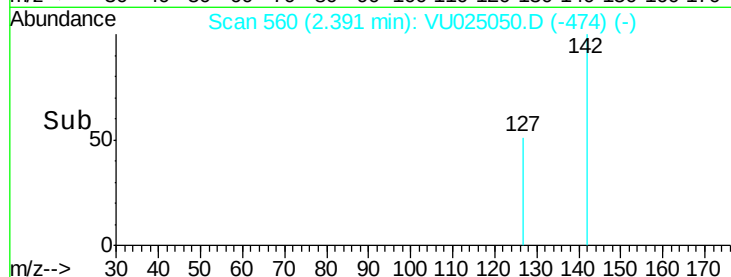
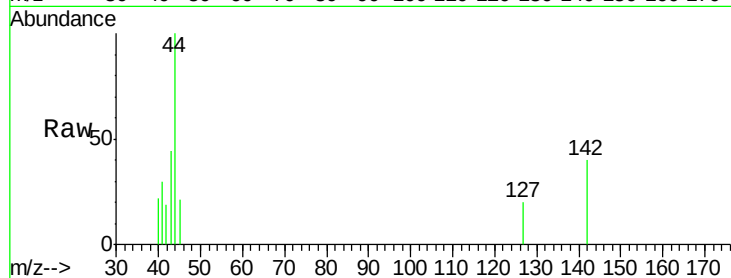




#10
Methyl Iodide
Concen: 5.386 ug/l
RT: 2.39 min Scan# 560
Delta R.T. -0.02 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

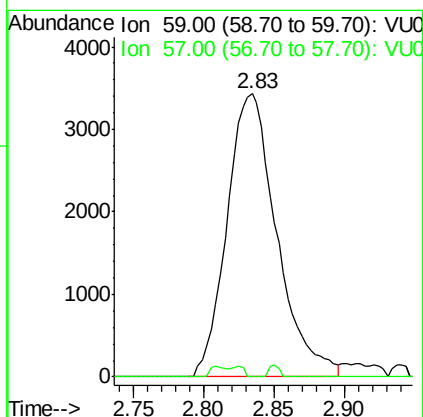
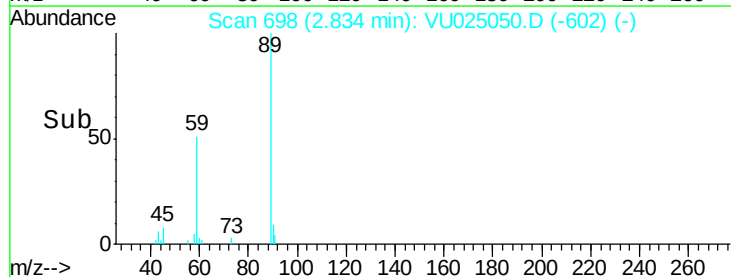
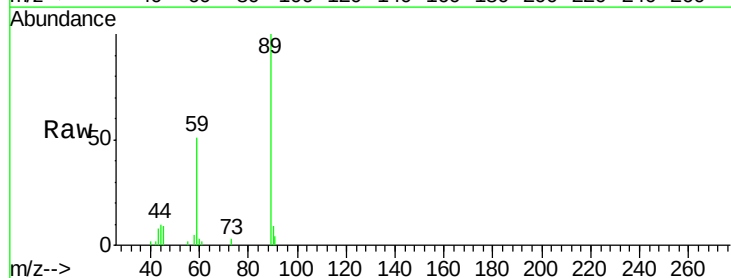
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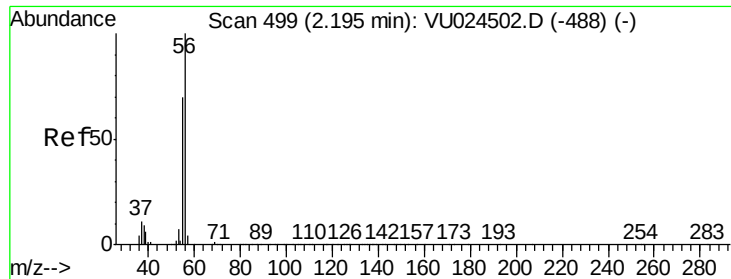
Tgt Ion: 142 Resp: 279
Ion Ratio Lower Upper
142 100
127 27.2 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 8.819 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

Tgt Ion: 59 Resp: 8461
Ion Ratio Lower Upper
59 100
57 0.9 8.5 12.7#





#13

Acrolein

Concen: 0.202 ug/l

RT: 2.18 min Scan# 496

Delta R.T. -0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

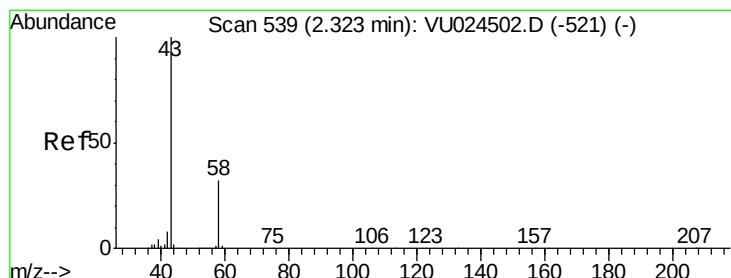
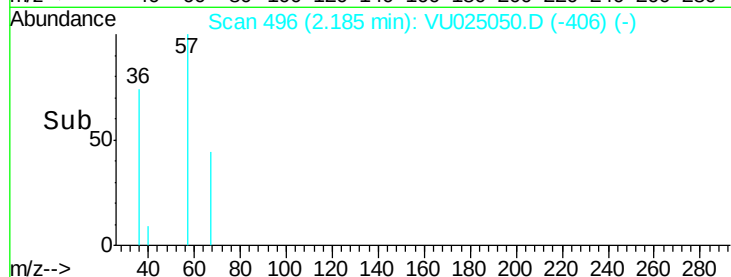
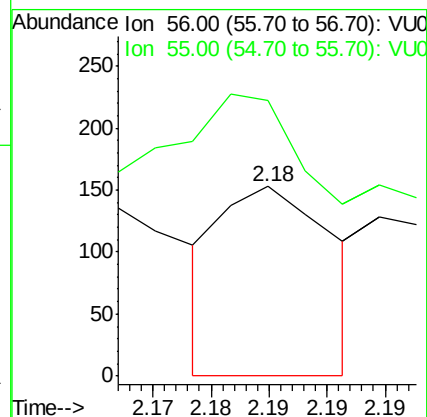
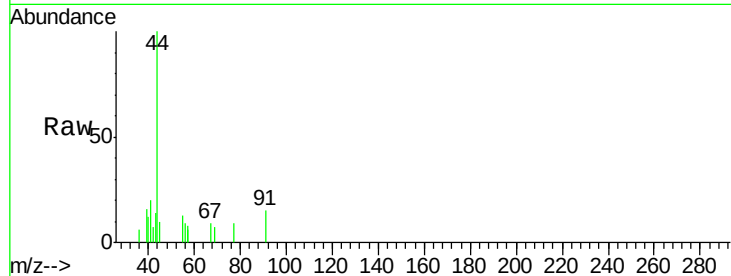
WP021SB481-15-17-180621ME

Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

55 55.9 58.4 87.6#



#16

Acetone

Concen: 0.219 ug/l

RT: 2.34 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU025050.D

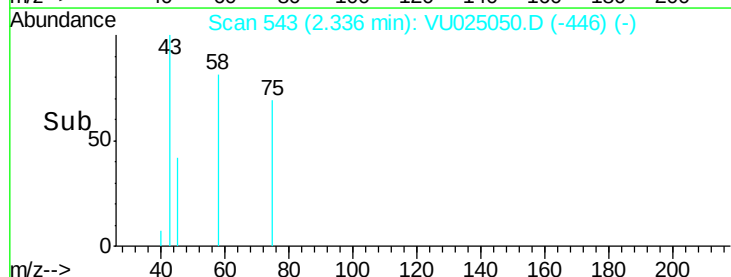
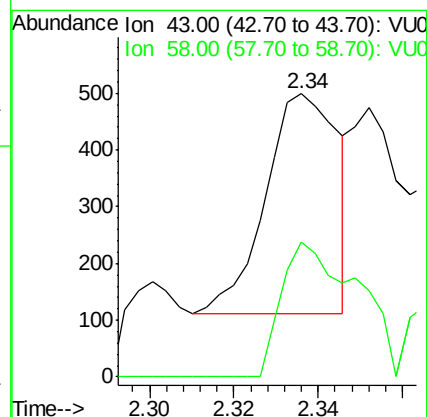
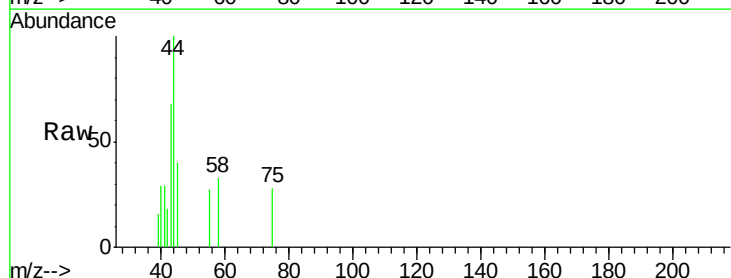
Acq: 29 Jun 2018 04:00

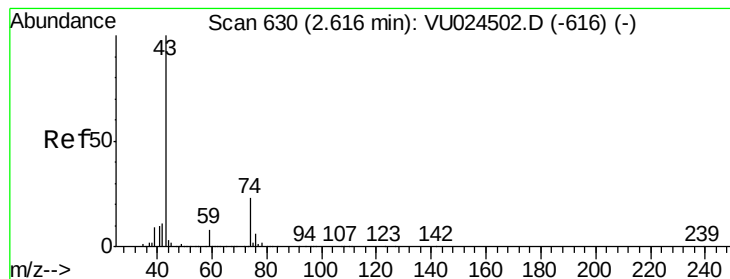
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 61.3 24.4 36.6#





#18

Methyl Acetate

Concen: 0.535 ug/l

RT: 2.63 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

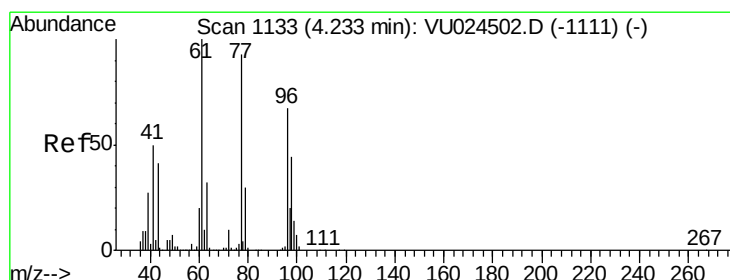
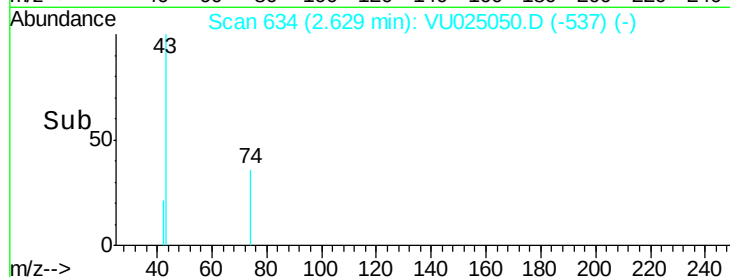
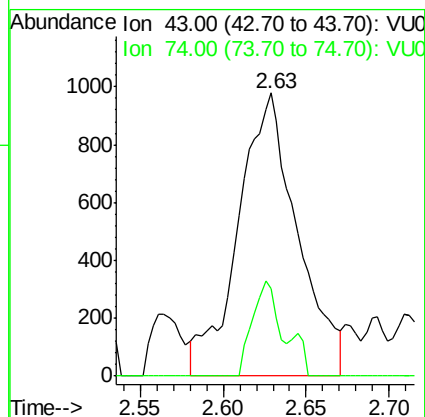
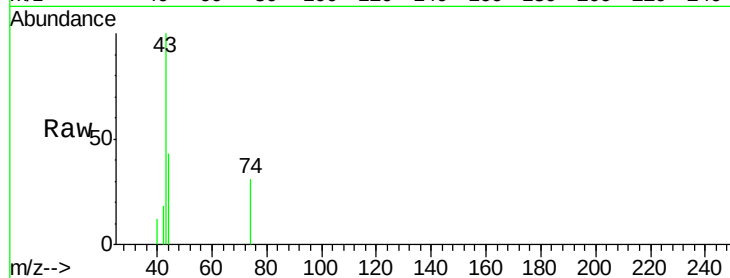
WP021SB481-15-17-180621ME

Tgt Ion: 43 Resp: 2433

Ion Ratio Lower Upper

43 100

74 14.5 18.0 27.0#



#27

cis-1,2-Dichloroethene

Concen: 4.679 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

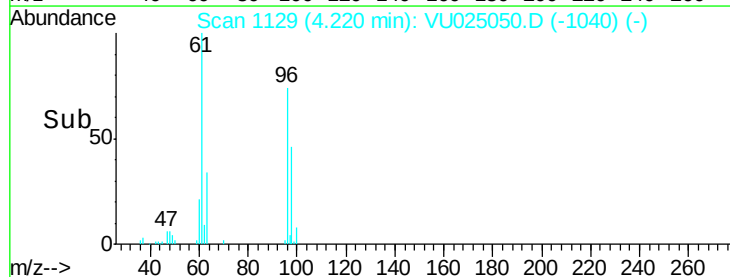
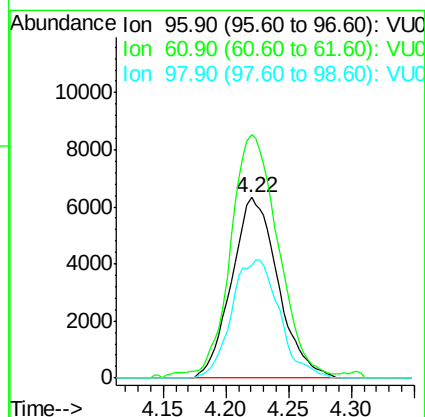
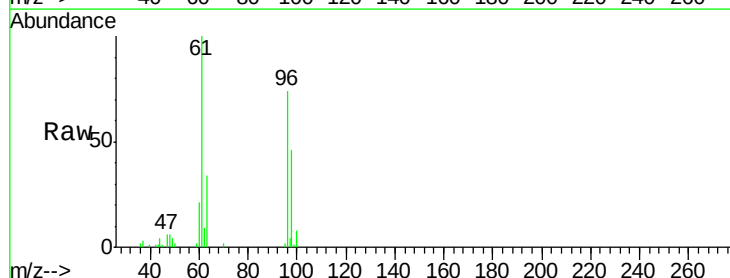
Tgt Ion: 96 Resp: 16301

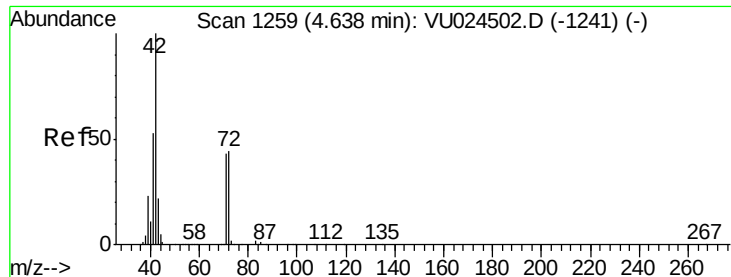
Ion Ratio Lower Upper

96 100

61 139.7 0.0 306.6

98 67.1 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.344 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

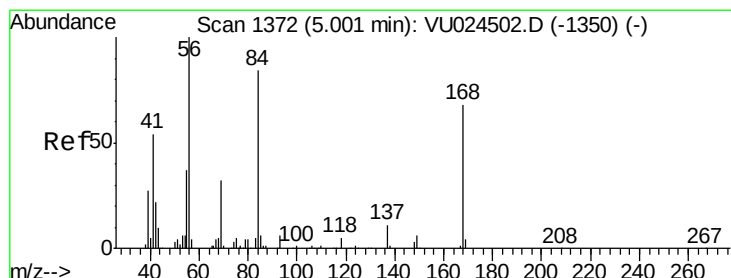
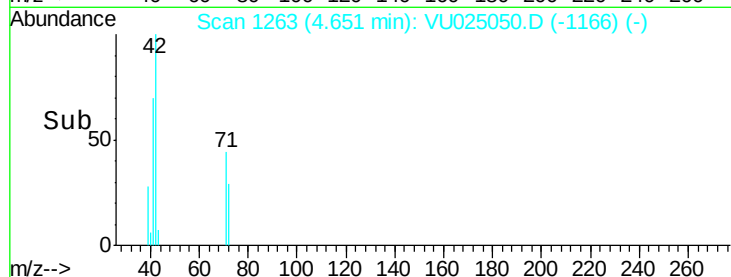
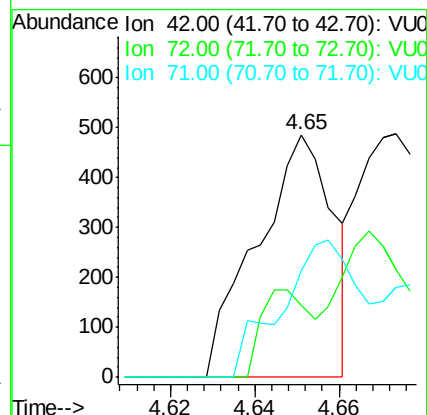
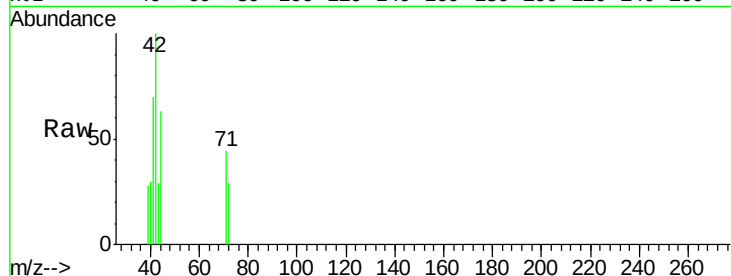
Tgt Ion: 42 Resp: 607

Ion Ratio Lower Upper

42 100

72 23.2 34.5 51.7#

71 0.0 32.2 48.4#



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

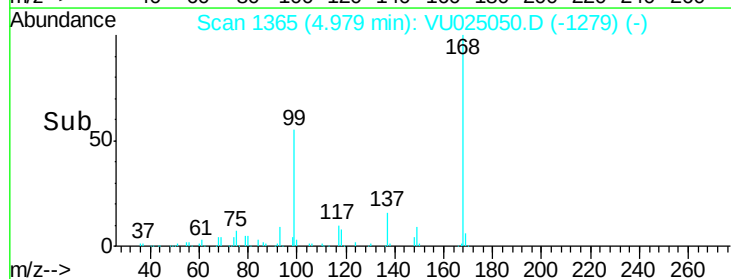
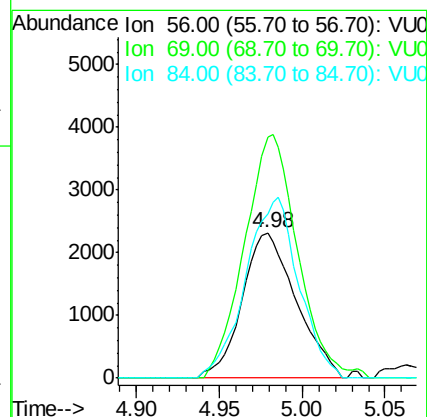
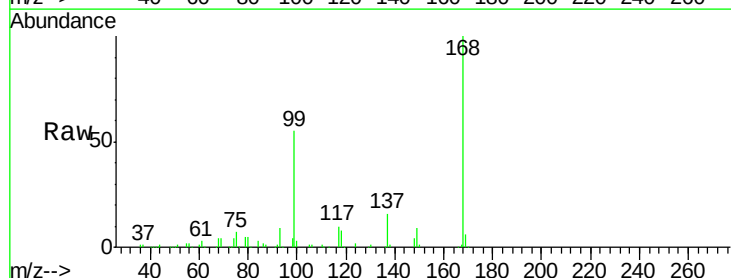
Tgt Ion: 56 Resp: 5263

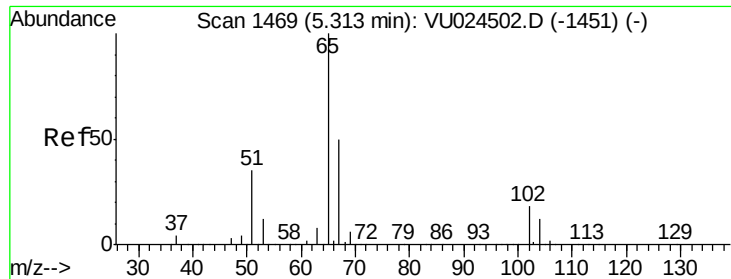
Ion Ratio Lower Upper

56 100

69 165.5 24.8 37.2#

84 113.2 65.2 97.8#

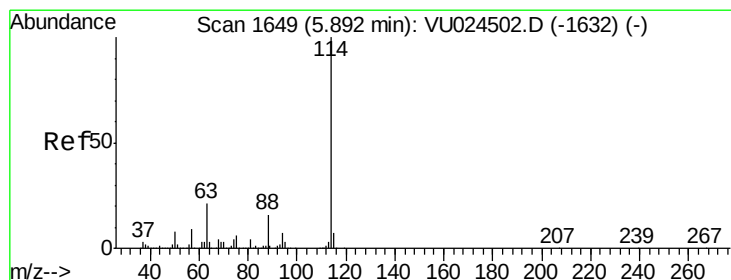
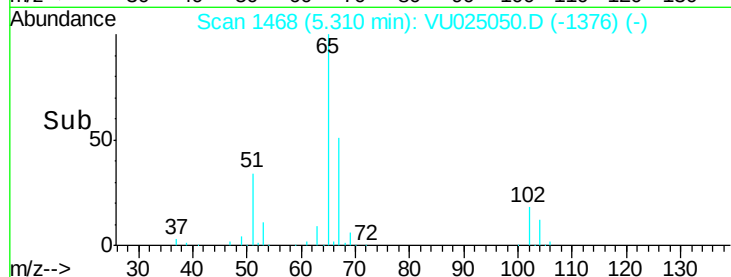
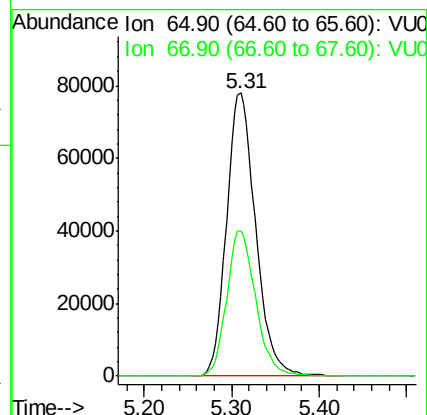
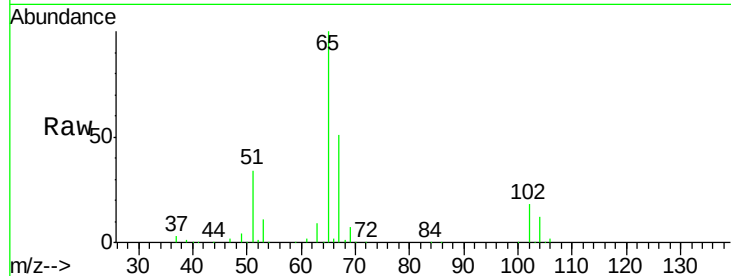




#33
 1,2-Dichloroethane-d4
 Concen: 45.648 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

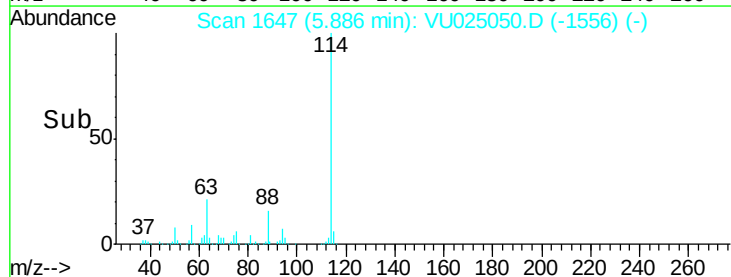
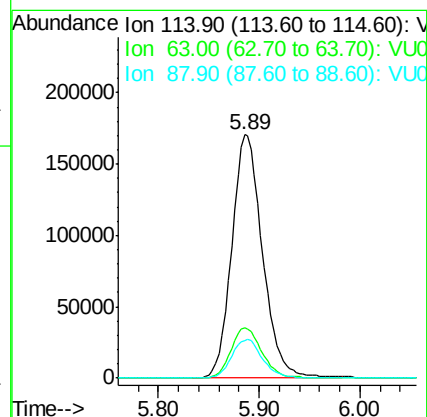
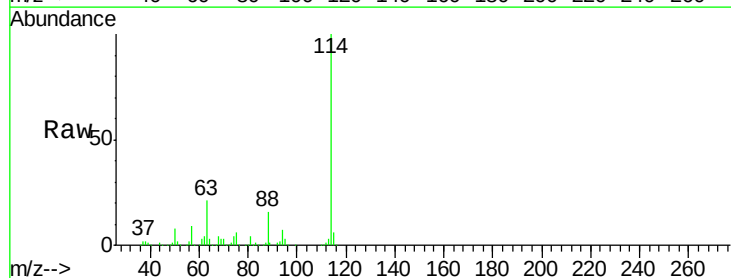
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

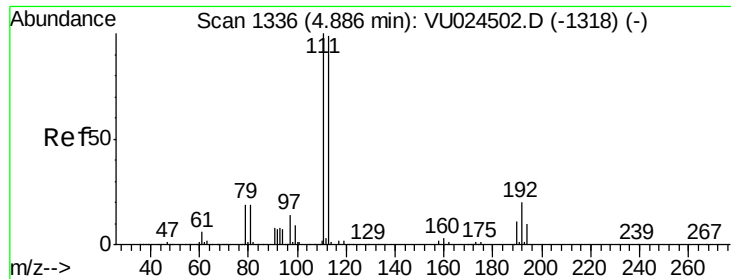
Tgt Ion: 65 Resp: 180067
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion: 114 Resp: 361544
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 15.6 0.0 31.0

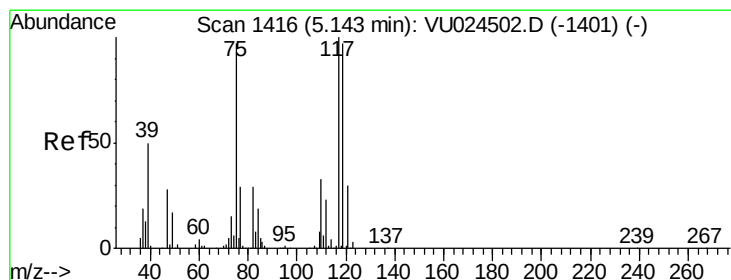
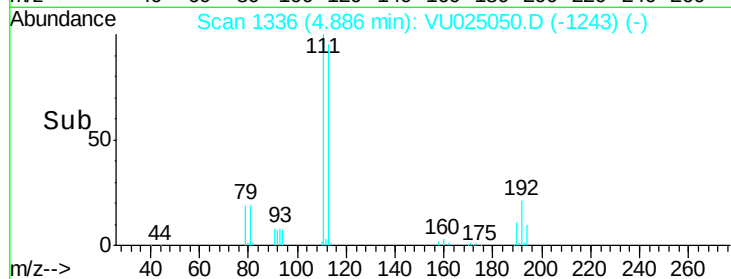
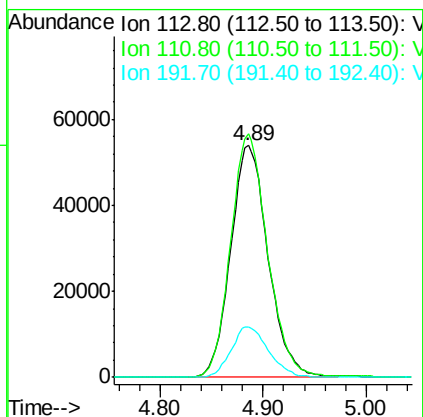
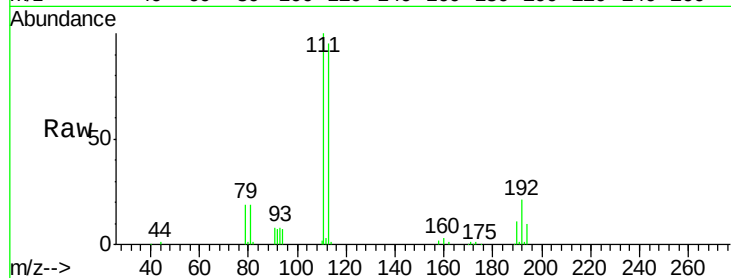




#35
 Dibromofluoromethane
 Concen: 45.491 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

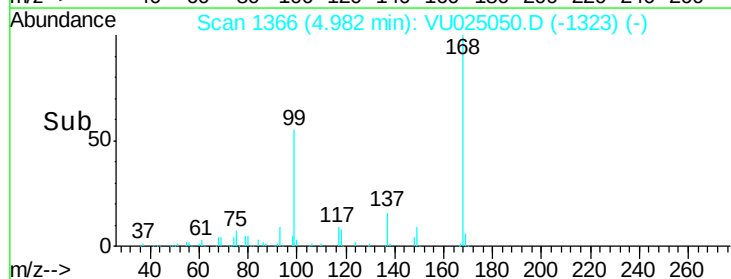
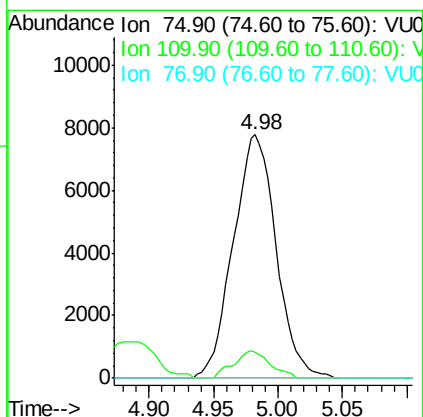
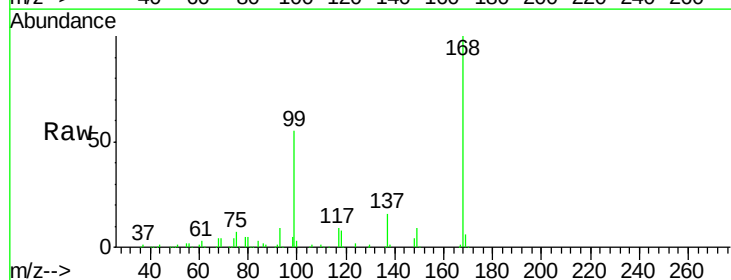
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

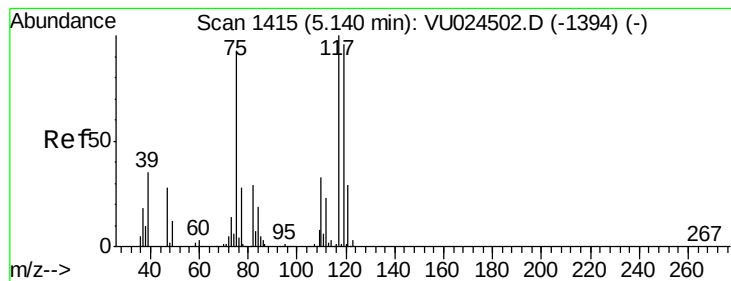
Tgt Ion:113 Resp: 136498
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 21.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.234 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.16 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion: 75 Resp: 17989
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.0 50.9#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 4.988 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.16 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

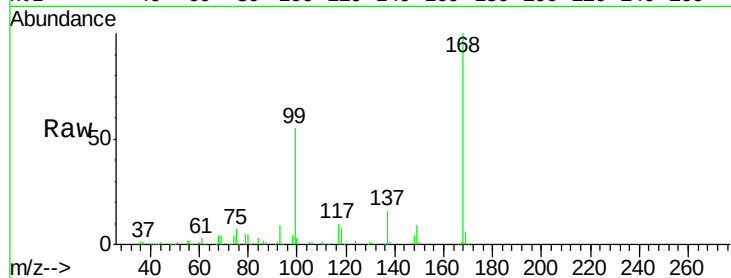
Tgt Ion:117 Resp: 23301

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

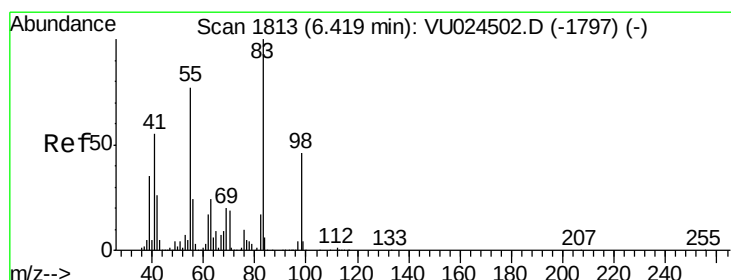
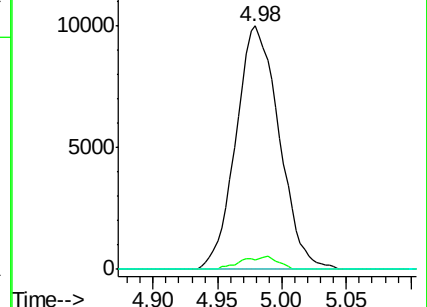
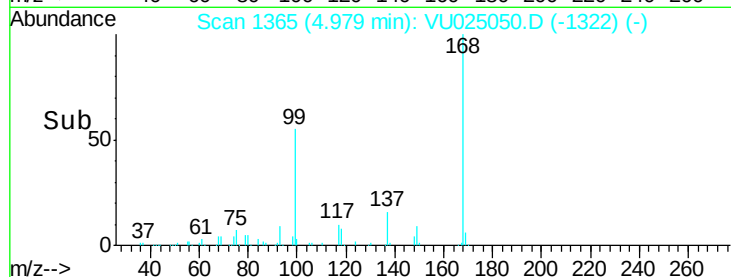
121 0.0 23.7 35.5#



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: 0.881 ug/l

RT: 6.41 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

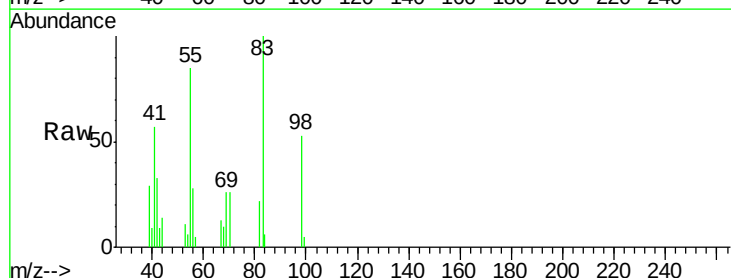
Tgt Ion: 83 Resp: 4671

Ion Ratio Lower Upper

83 100

55 84.8 65.8 98.6

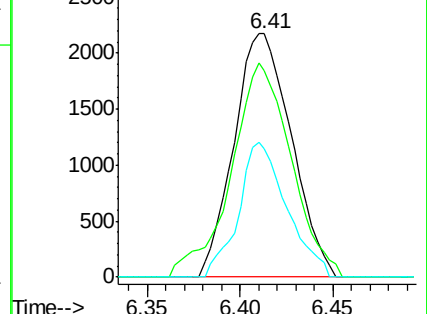
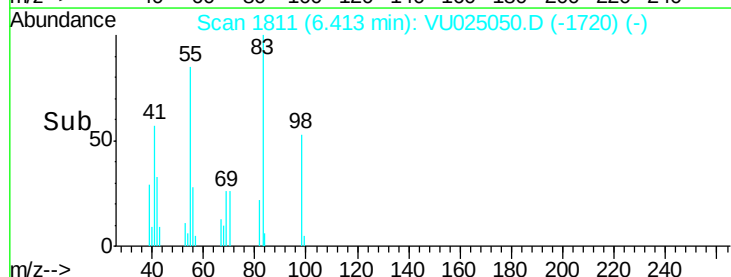
98 52.8 36.7 55.1

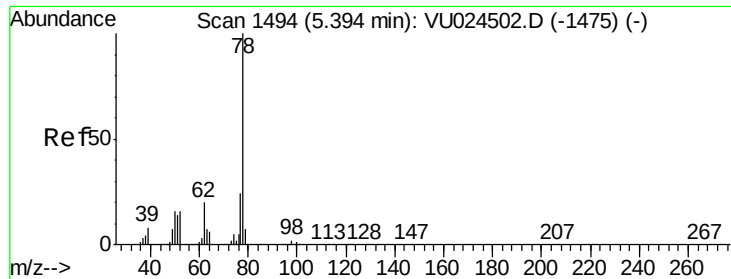


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

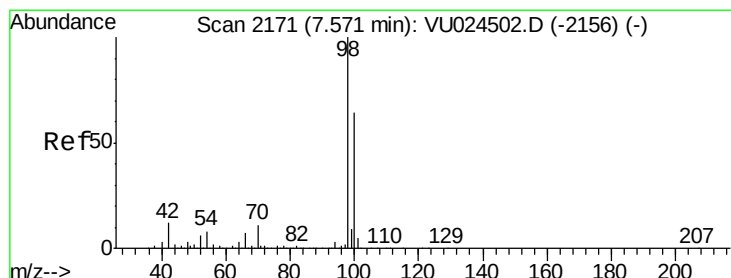
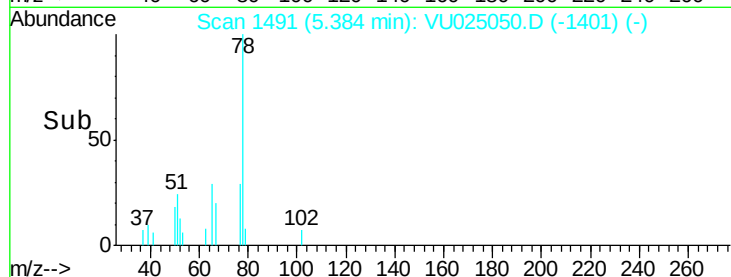
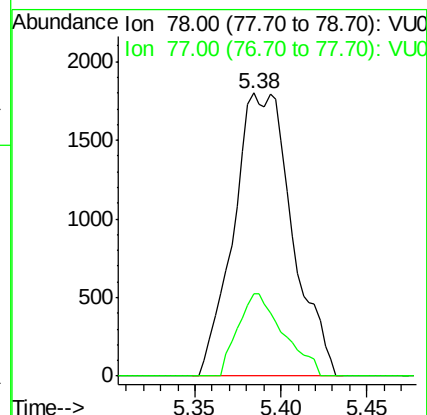
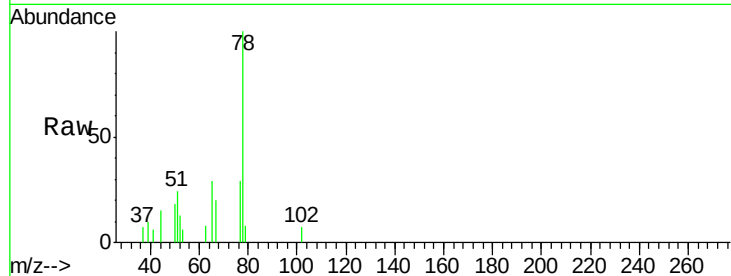




#40
Benzene
Concen: 0.352 ug/l
RT: 5.38 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

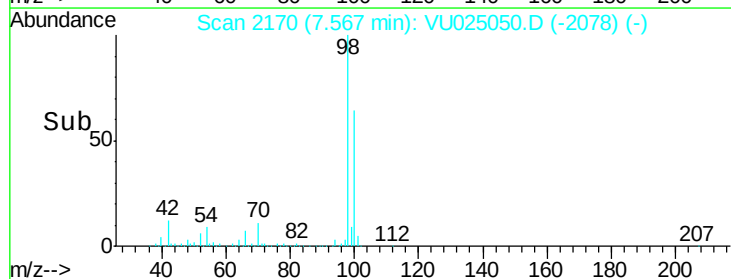
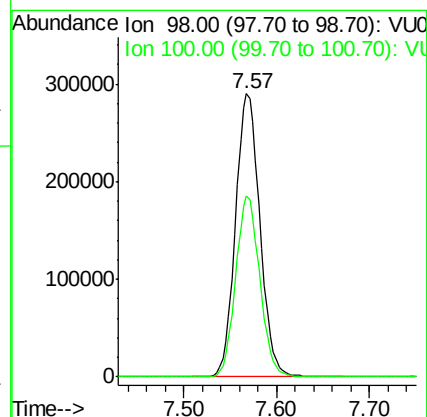
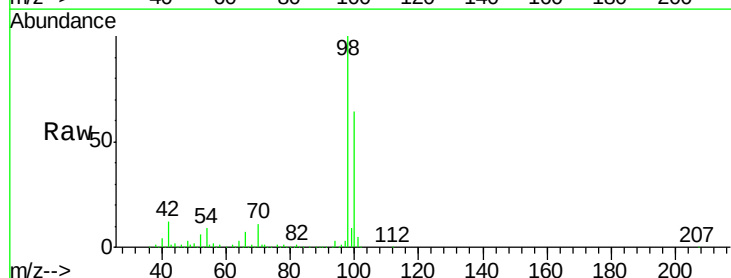
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-15-17-180621ME

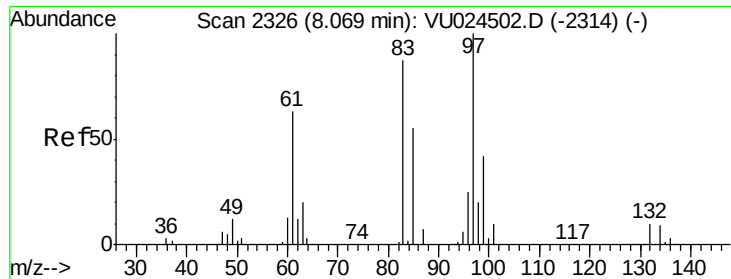
Tgt Ion: 78 Resp: 4260
Ion Ratio Lower Upper
78 100
77 29.2 19.2 28.8#



#50
Toluene-d8
Concen: 48.379 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

Tgt Ion: 98 Resp: 529497
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

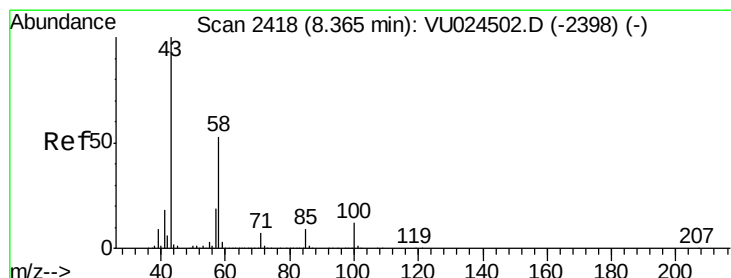
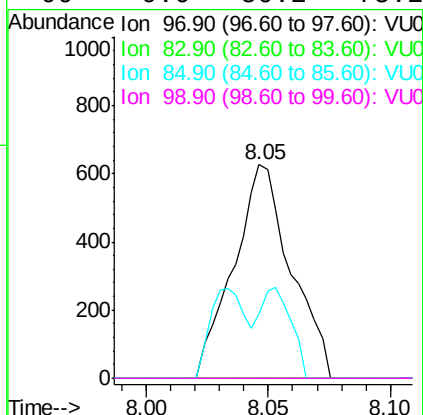
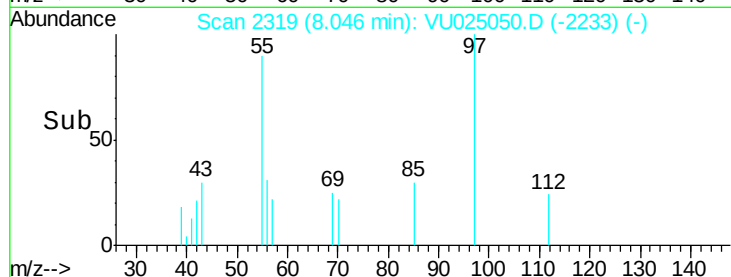
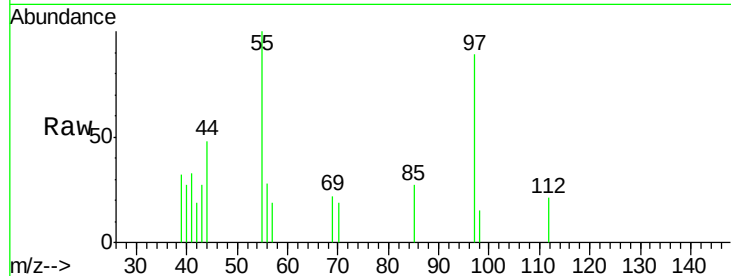




#55
 1,1,2-Trichloroethane
 Concen: 0.322 ug/l
 RT: 8.05 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

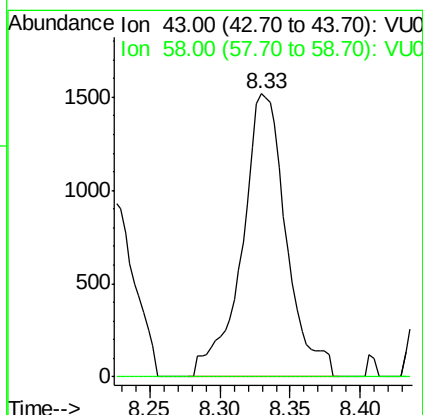
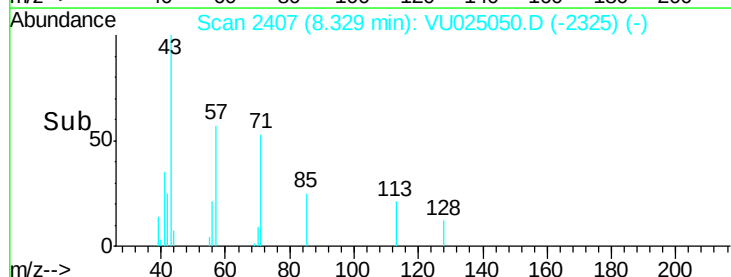
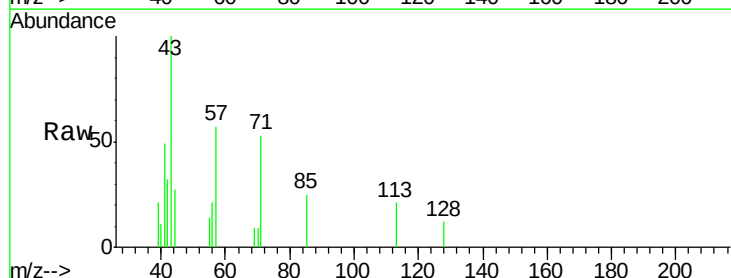
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

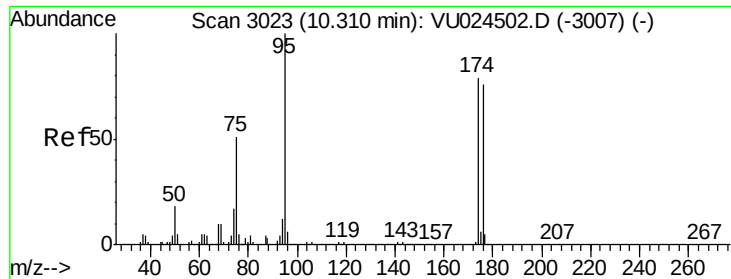
Tgt Ion:	97	Resp:	1019
Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
85	29.8	46.4	69.6#
99	0.0	50.2	75.2#



#59
 2-Hexanone
 Concen: 0.811 ug/l
 RT: 8.33 min Scan# 2407
 Delta R.T. -0.04 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion:	43	Resp:	3331
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	79.0#

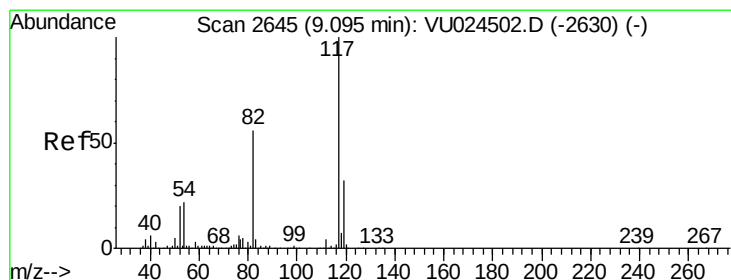
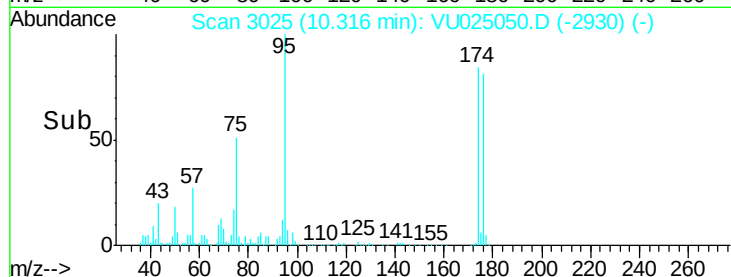
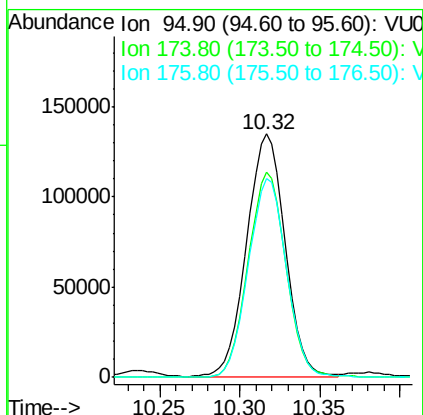
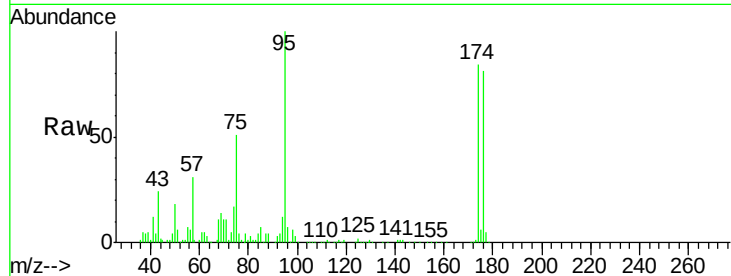




#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

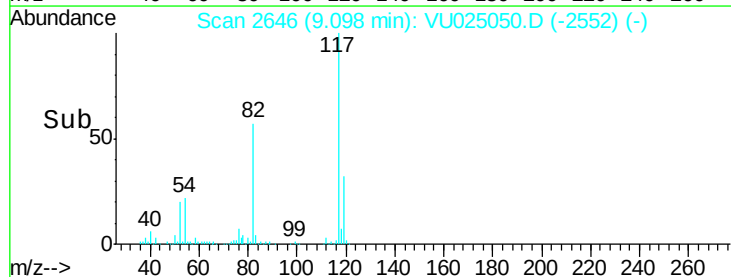
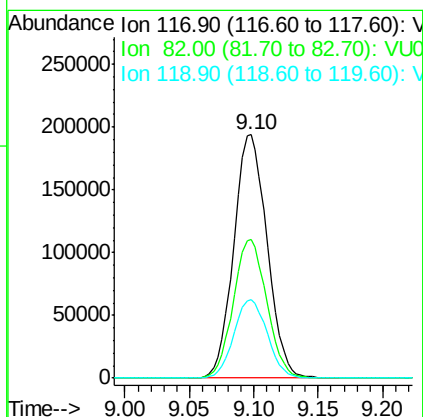
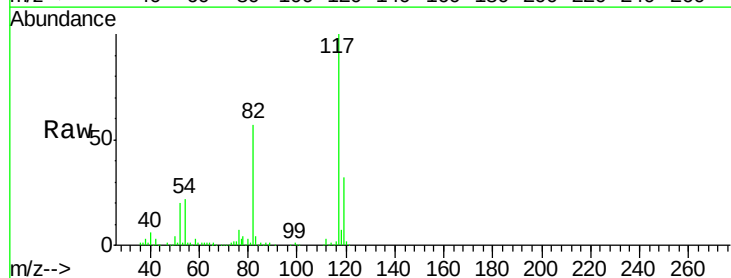
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-15-17-180621ME

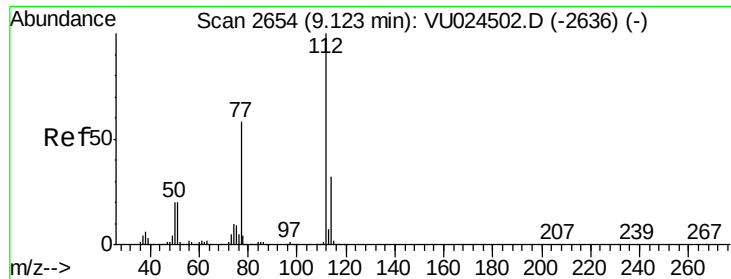
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	165.8
176	81.9	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025050.D
Acq: 29 Jun 2018 04:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.3	66.5
119	32.3	25.4	38.2





#65

Chlorobenzene

Concen: 27.704 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

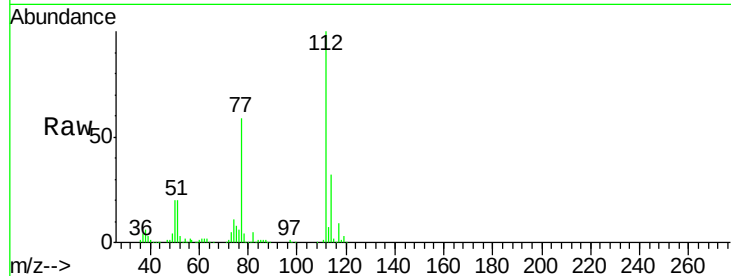
WP021SB481-15-17-180621ME

Tgt Ion:112 Resp: 246747

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.13

150000

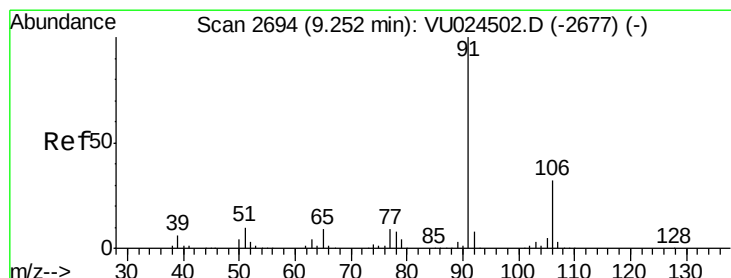
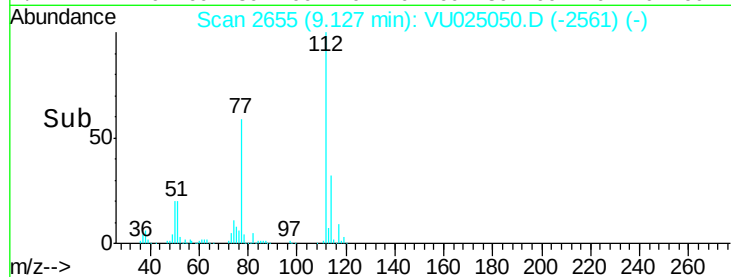
100000

50000

0

9.05 9.10 9.15 9.20

Time-->



#67

Ethyl Benzene

Concen: 0.310 ug/l

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU025050.D

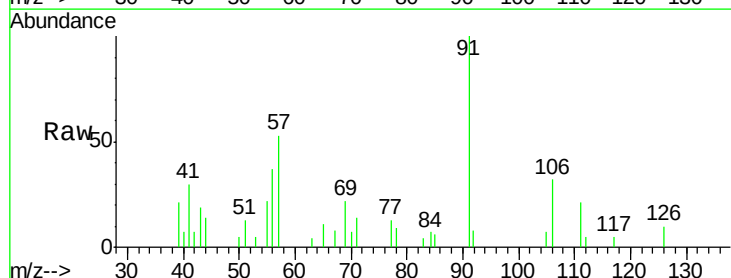
Acq: 29 Jun 2018 04:00

Tgt Ion: 91 Resp: 4844

Ion Ratio Lower Upper

91 100

106 32.5 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

9.26

3000

2500

2000

1500

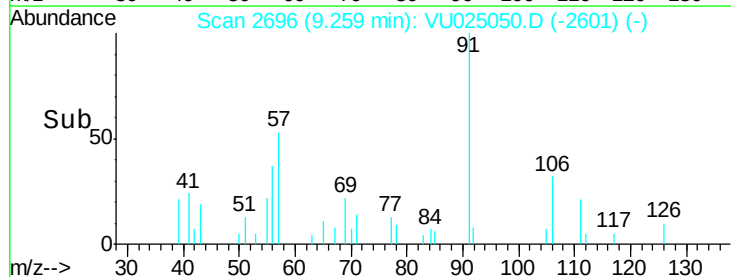
1000

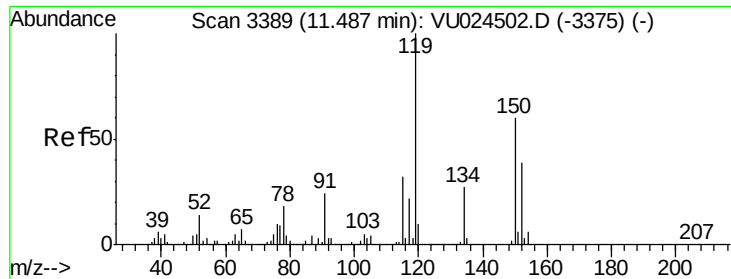
500

0

9.20 9.25 9.30

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

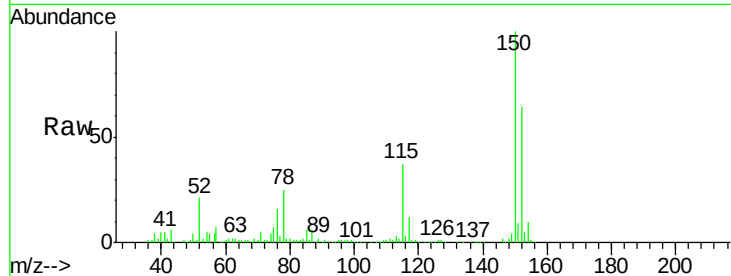
Tgt Ion:152 Resp: 209066

Ion Ratio Lower Upper

152 100

115 57.6 43.0 129.0

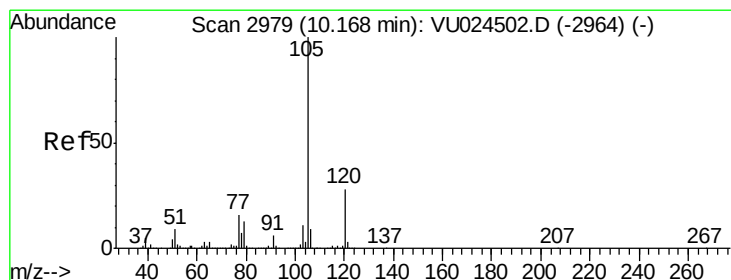
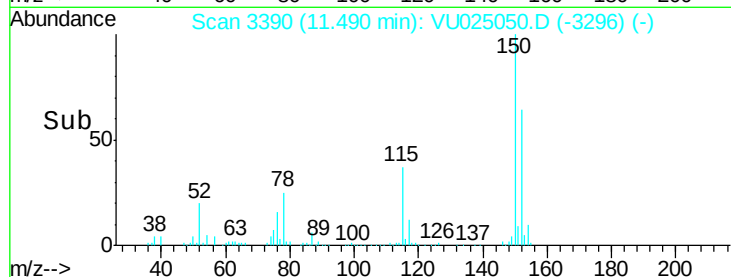
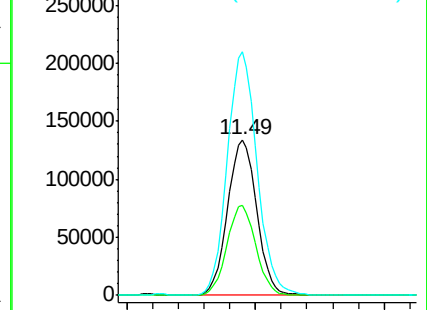
150 160.5 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.542 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025050.D

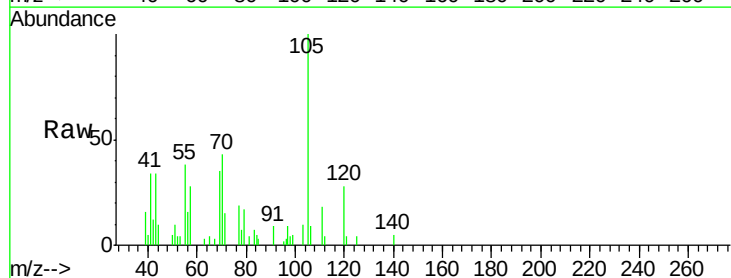
Acq: 29 Jun 2018 04:00

Tgt Ion:105 Resp: 8699

Ion Ratio Lower Upper

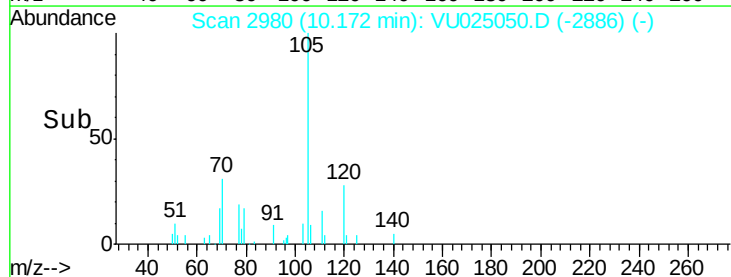
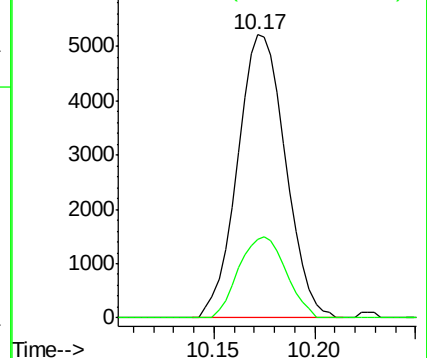
105 100

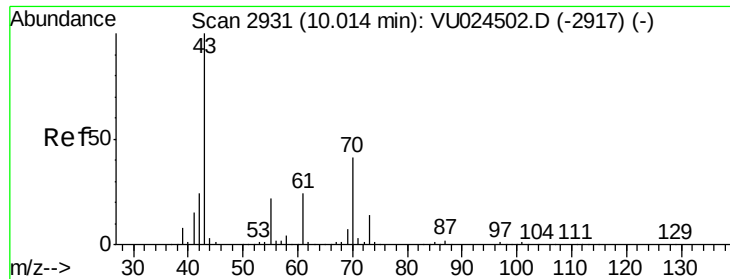
120 28.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 1.181 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

Tgt Ion: 43 Resp: 9014

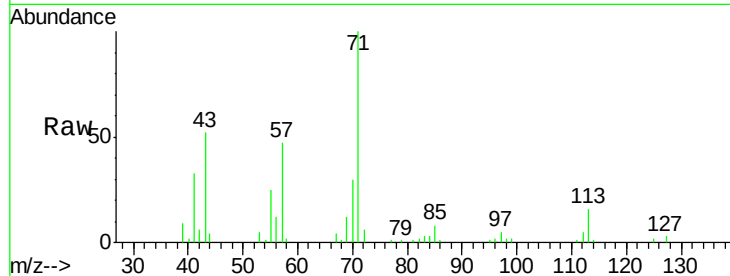
Ion Ratio Lower Upper

43 100

70 65.6 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#

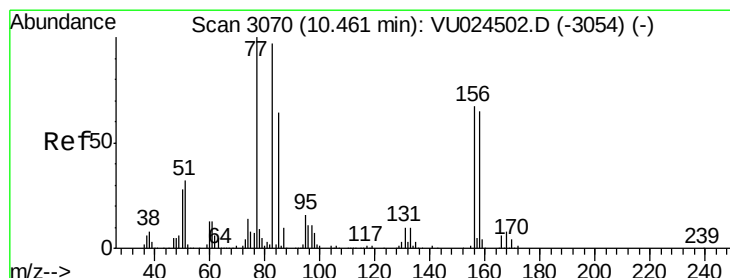
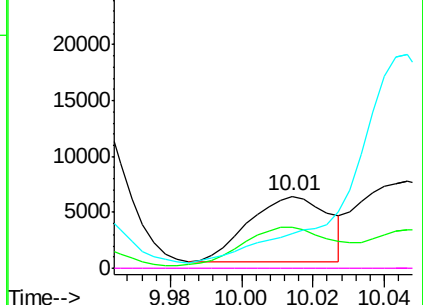
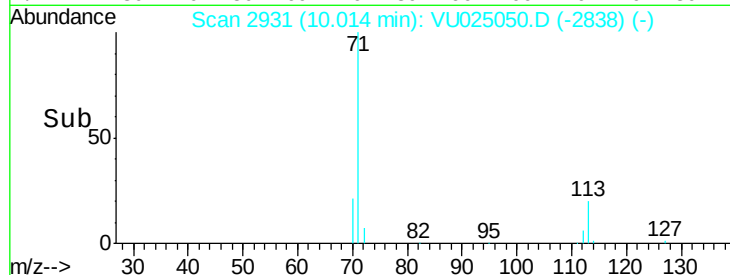


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.612 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

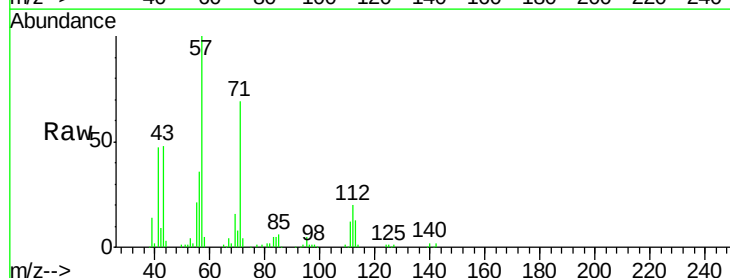
Tgt Ion: 83 Resp: 3294

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

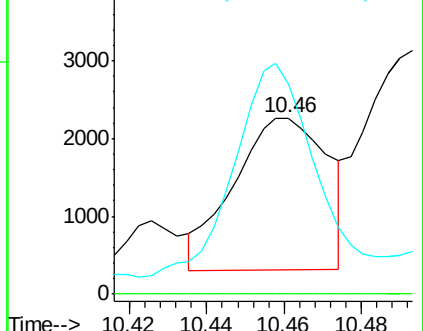
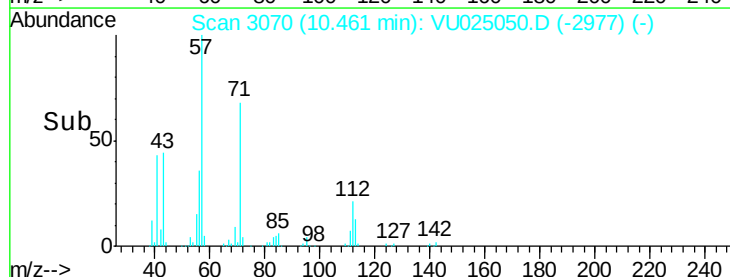
85 153.1 32.5 97.5#

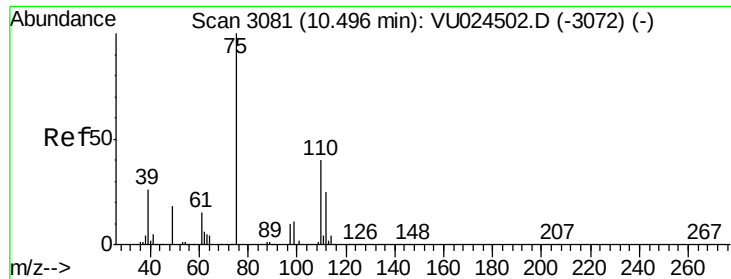


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

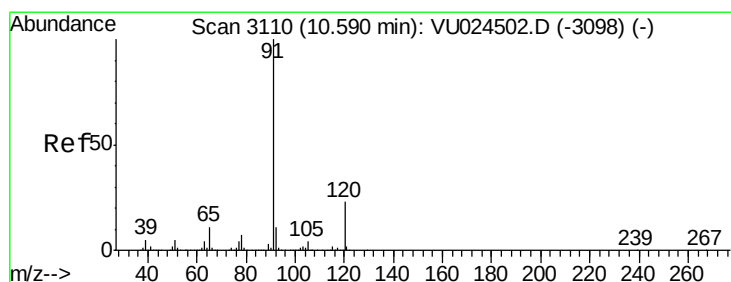
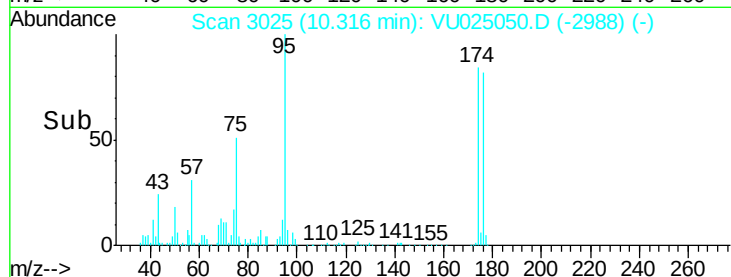
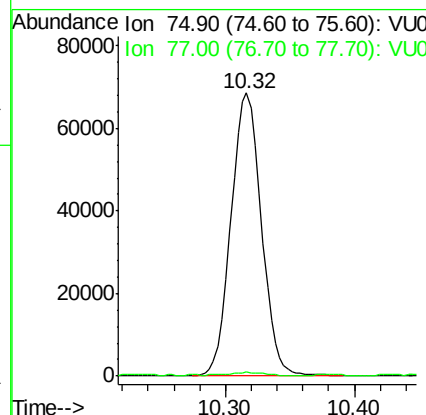
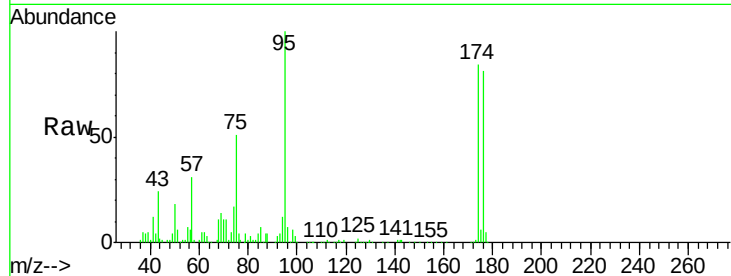




#76
 1,2,3-Trichloropropane
 Concen: 24.424 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.18 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

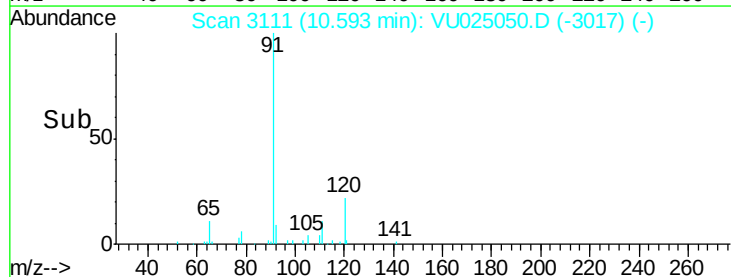
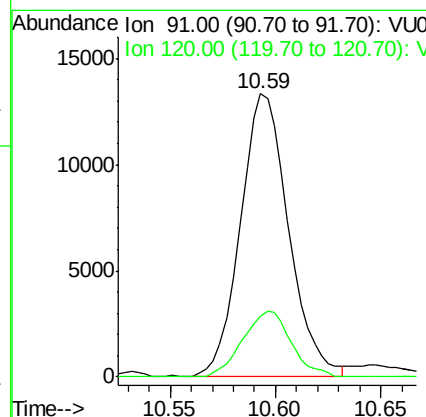
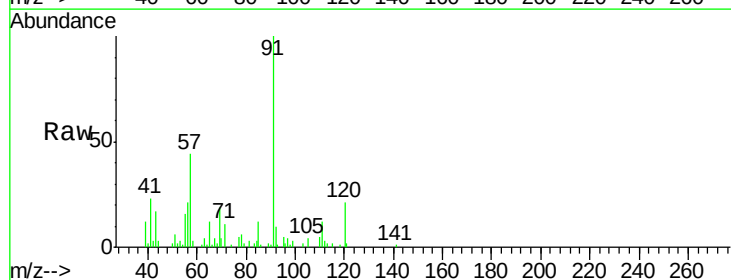
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

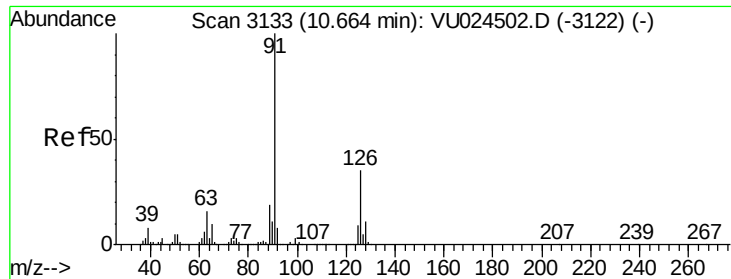
Tgt Ion: 75 Resp: 112420
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.7#



#78
 n-propylbenzene
 Concen: 1.122 ug/l
 RT: 10.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion: 91 Resp: 21210
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.2 33.5

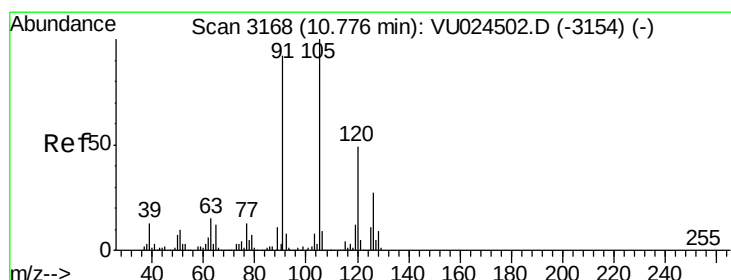
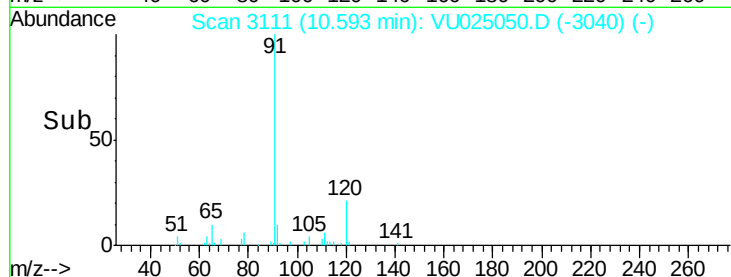
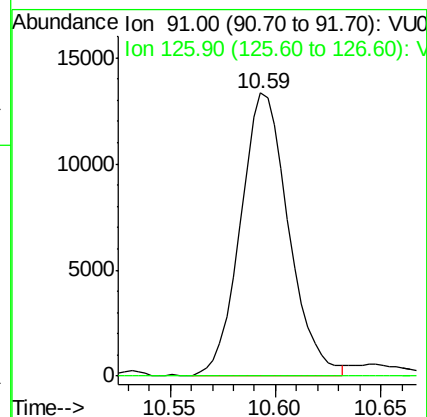
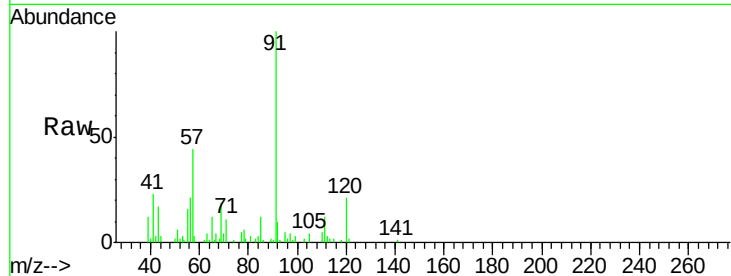




#79
 2-Chlorotoluene
 Concen: 1.902 ug/l
 RT: 10.59 min Scan# 3111
 Delta R.T. -0.07 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

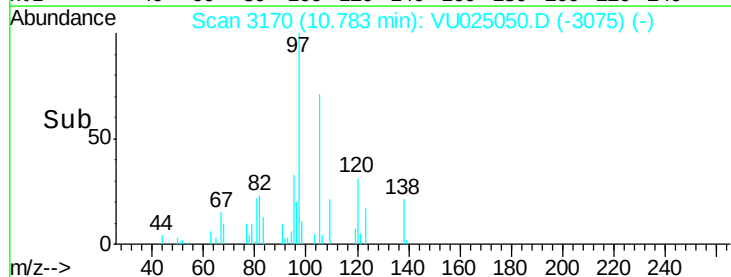
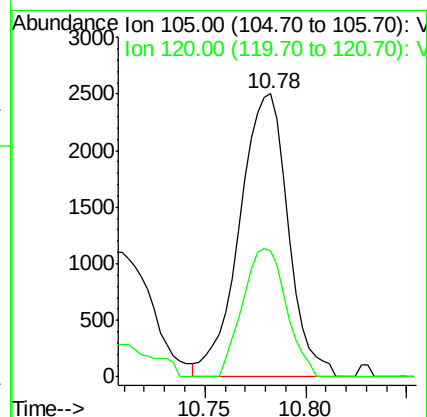
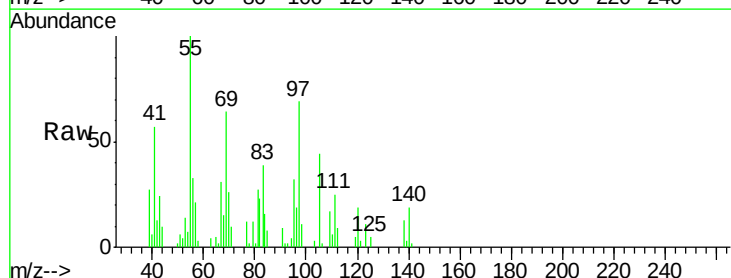
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

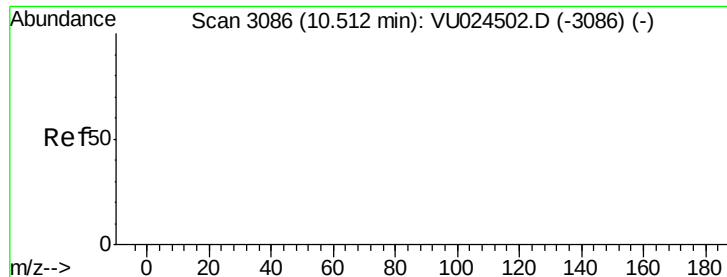
Tgt Ion: 91 Resp: 21210
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.305 ug/l
 RT: 10.78 min Scan# 3170
 Delta R.T. 0.01 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion: 105 Resp: 4237
 Ion Ratio Lower Upper
 105 100
 120 40.7 24.1 72.2

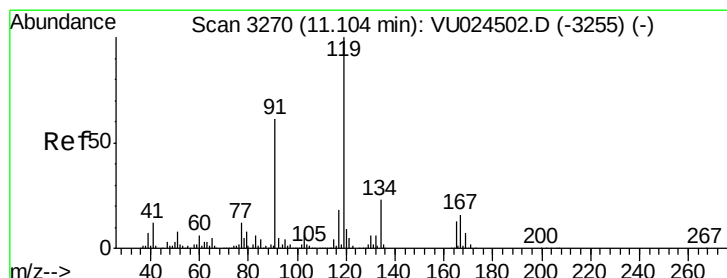
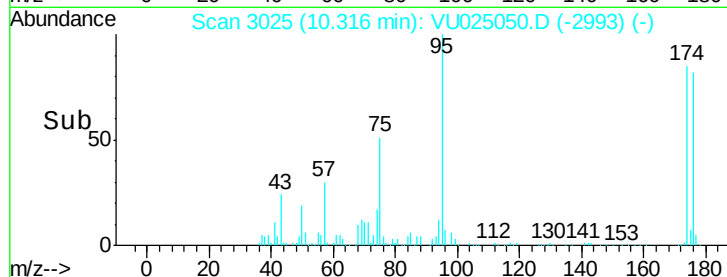
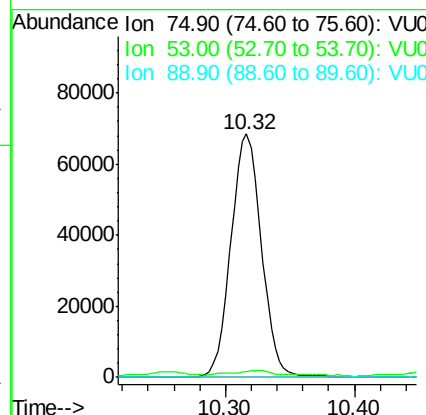
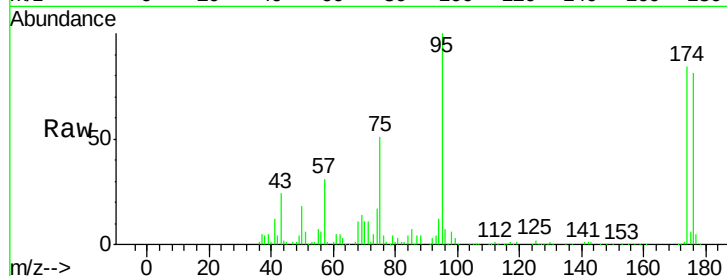




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.527 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.20 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

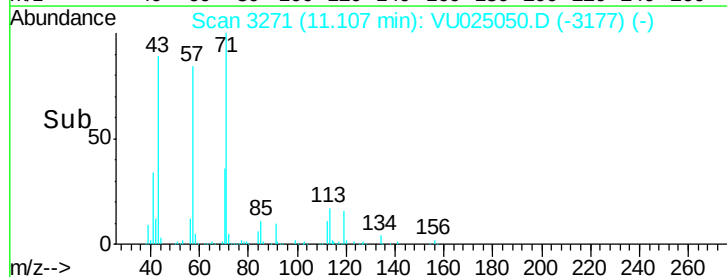
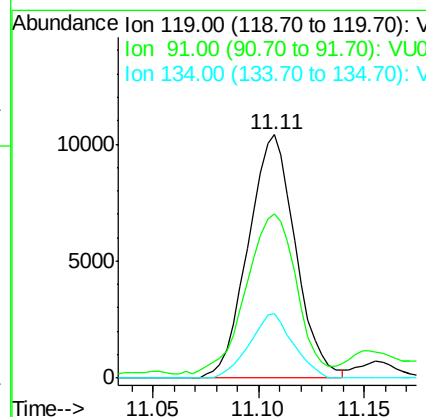
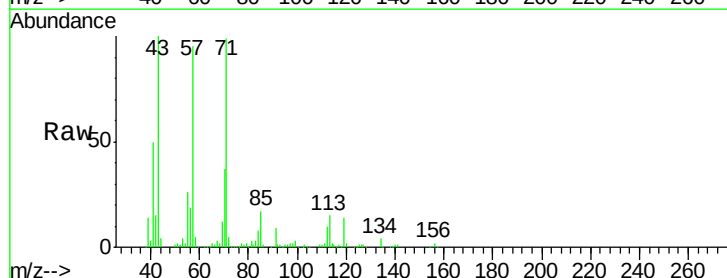
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

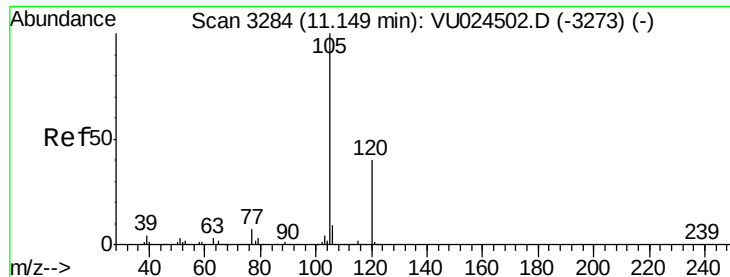
Tgt Ion: 75 Resp: 112420
 Ion Ratio Lower Upper
 75 100
 53 2.3 0.0 0.0#
 89 0.0 0.0 0.0



#83
 tert-Butylbenzene
 Concen: 1.209 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion: 119 Resp: 16180
 Ion Ratio Lower Upper
 119 100
 91 69.8 29.7 89.1
 134 24.4 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 0.564 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

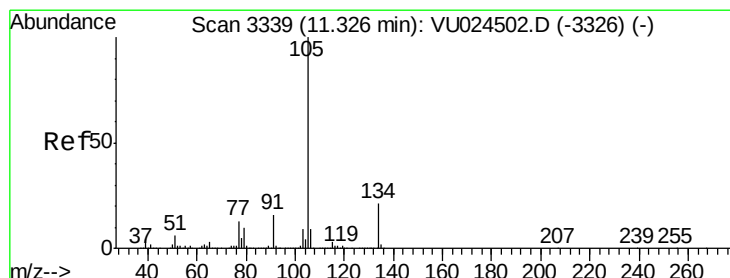
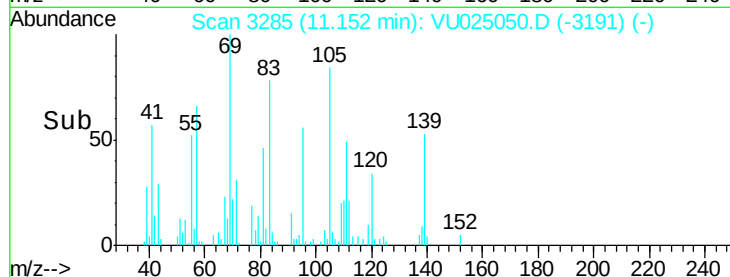
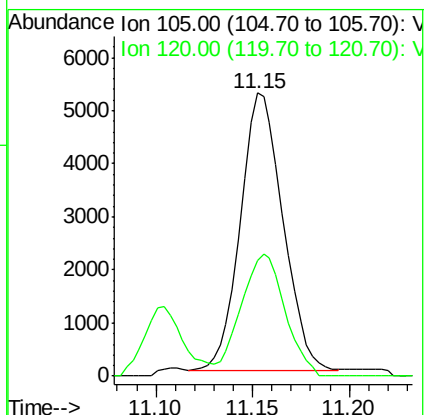
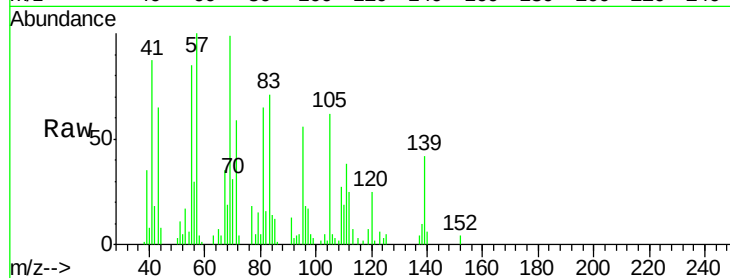
WP021SB481-15-17-180621ME

Tgt Ion:105 Resp: 8003

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.8



#85

sec-Butylbenzene

Concen: 2.555 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025050.D

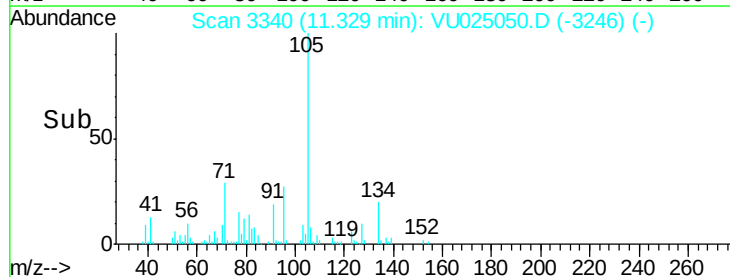
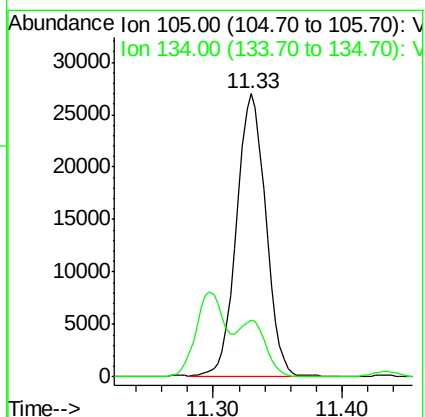
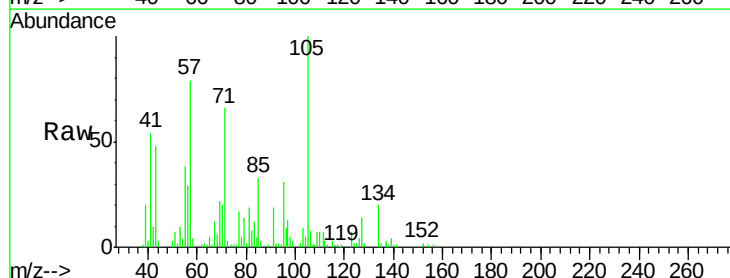
Acq: 29 Jun 2018 04:00

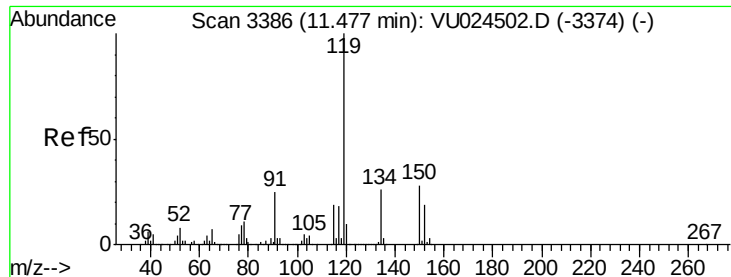
Tgt Ion:105 Resp: 42806

Ion Ratio Lower Upper

105 100

134 15.8 9.7 29.1

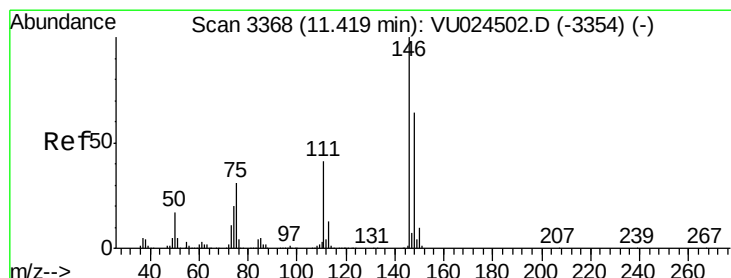
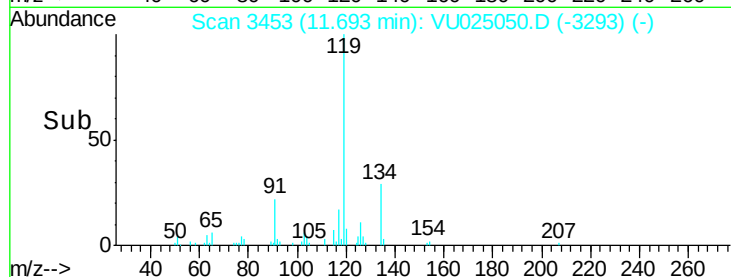
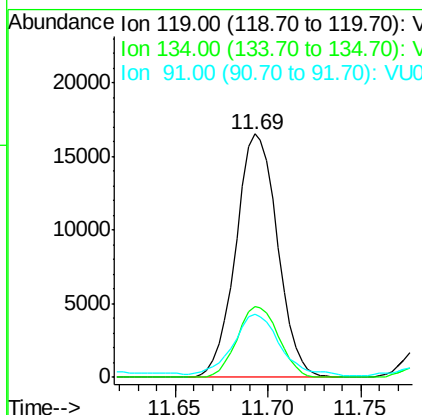
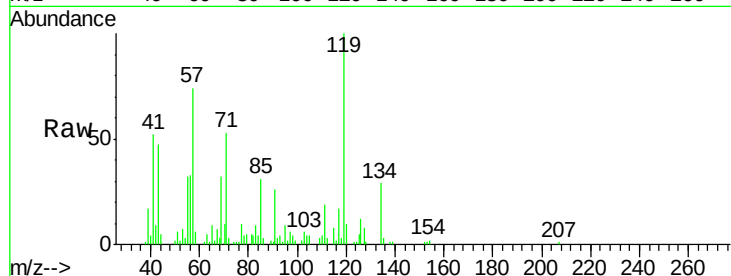




#86
 p-Isopropyltoluene
 Concen: 1.722 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

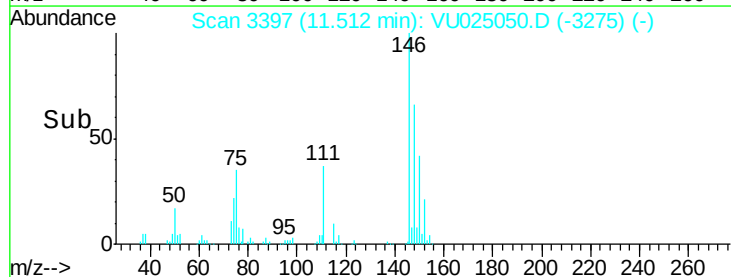
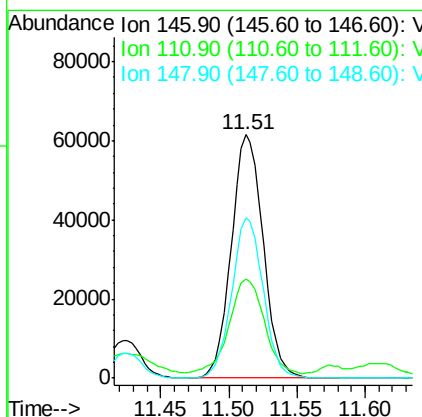
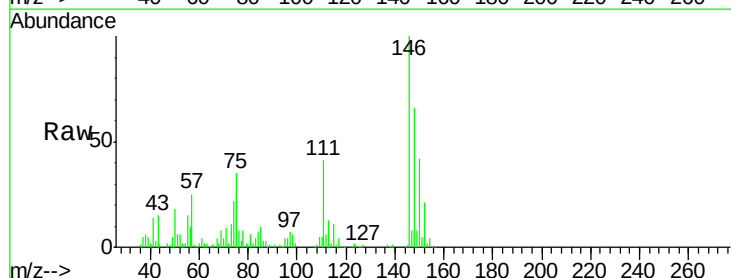
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

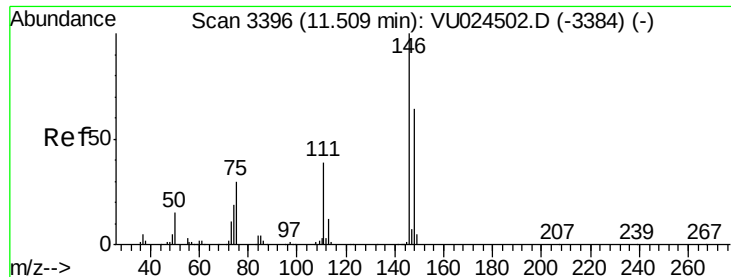
Tgt Ion:119 Resp: 25842
 Ion Ratio Lower Upper
 119 100
 134 28.9 12.9 38.6
 91 28.3 12.0 36.1



#87
 1,3-Dichlorobenzene
 Concen: 13.296 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.09 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion:146 Resp: 99816
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.0 60.0
 148 65.0 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 13.210 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

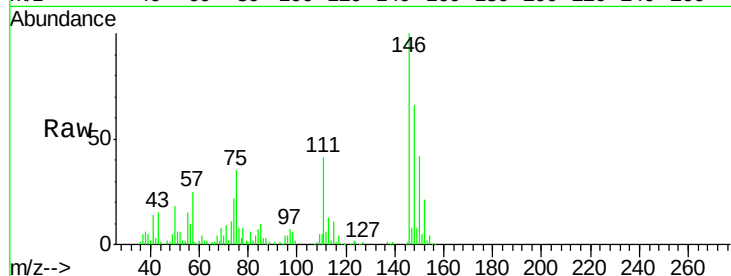
Tgt Ion:146 Resp: 99816

Ion Ratio Lower Upper

146 100

111 42.2 19.5 58.5

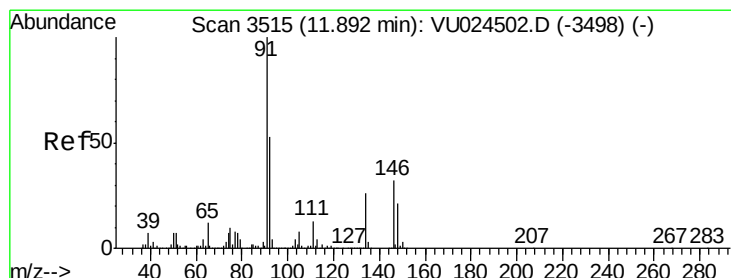
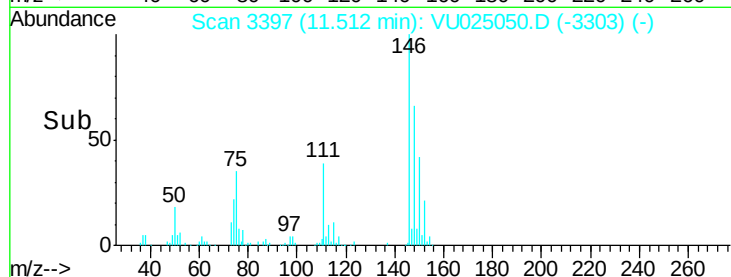
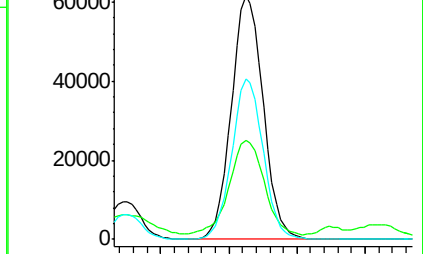
148 65.0 32.4 97.0



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: 2.760 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

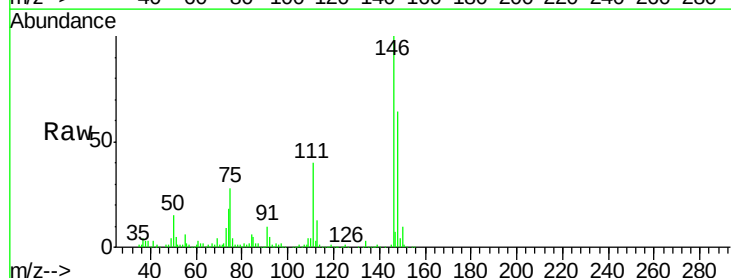
Tgt Ion: 91 Resp: 36766

Ion Ratio Lower Upper

91 100

92 46.9 25.6 76.8

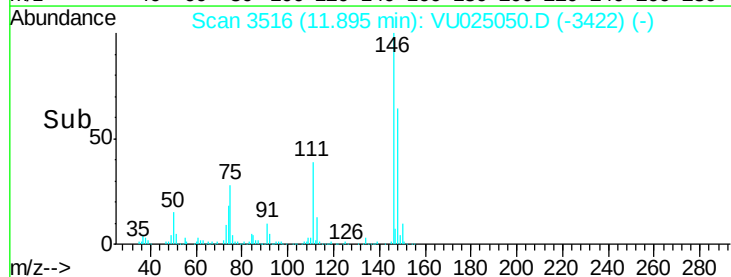
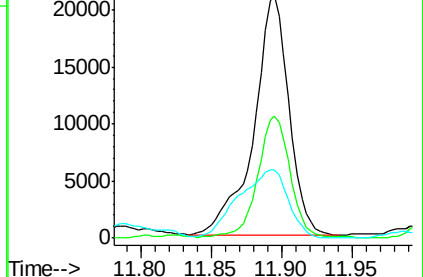
134 40.1 12.3 36.8#

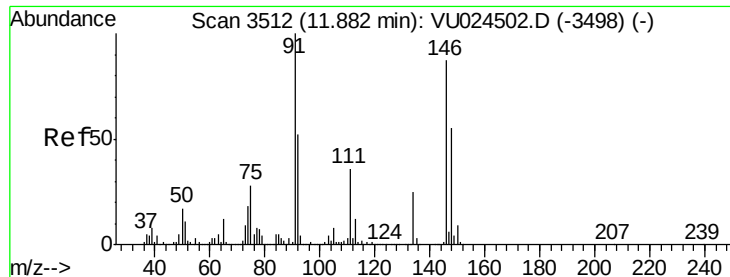


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

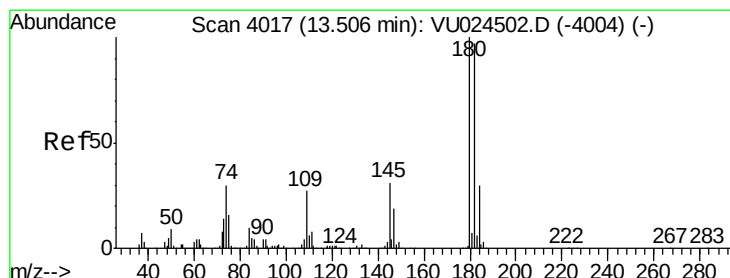
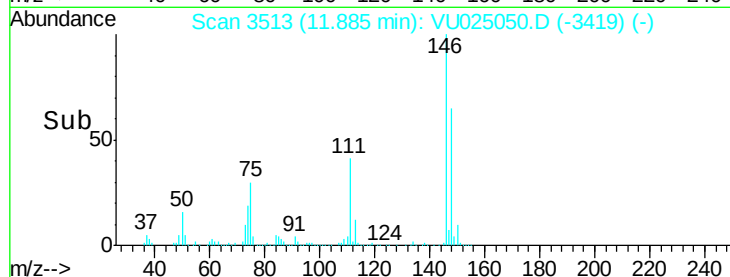
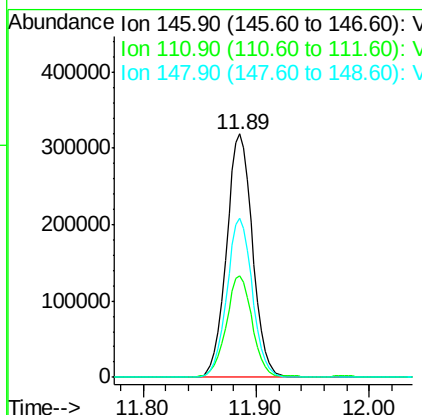
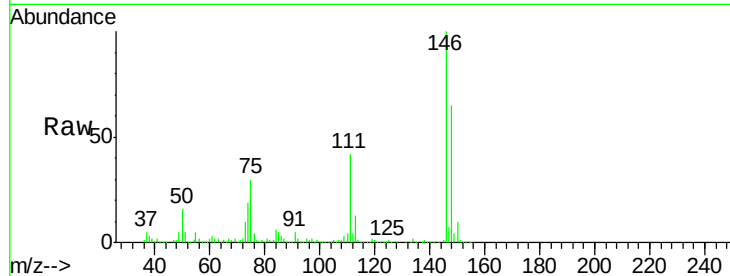




#91
 1,2-Dichlorobenzene
 Concen: 67.581 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

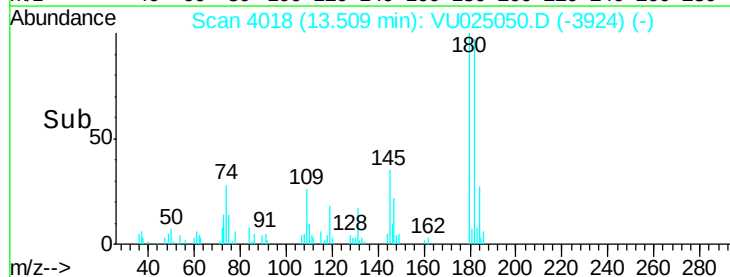
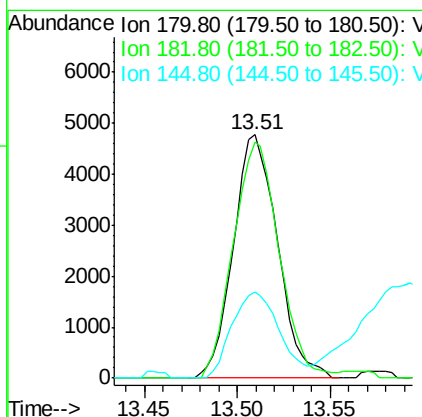
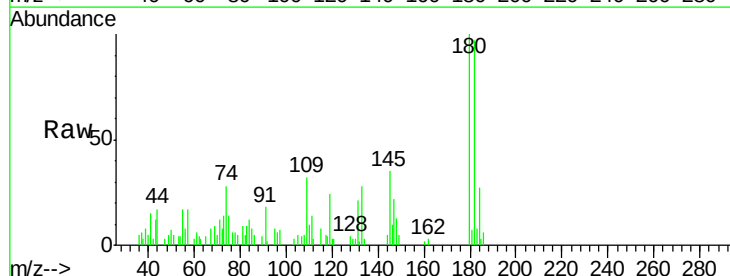
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-15-17-180621ME

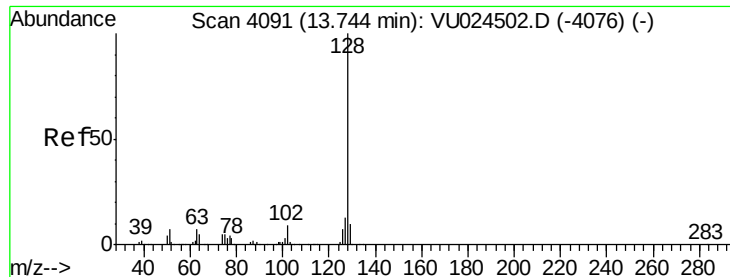
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	64.2	31.9	95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 1.706 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025050.D
 Acq: 29 Jun 2018 04:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	48.0	144.2
145	37.8	14.7	44.1





#95

Naphthalene

Concen: 1.166 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-15-17-180621ME

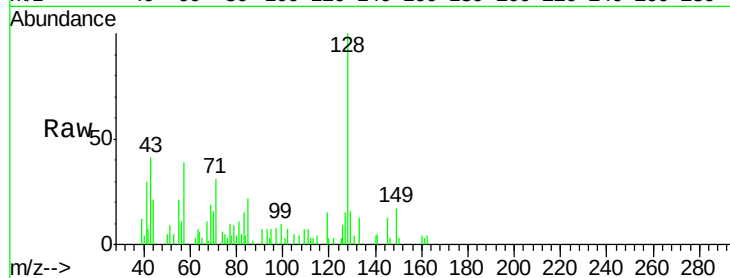
Tgt Ion:128 Resp: 7578

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

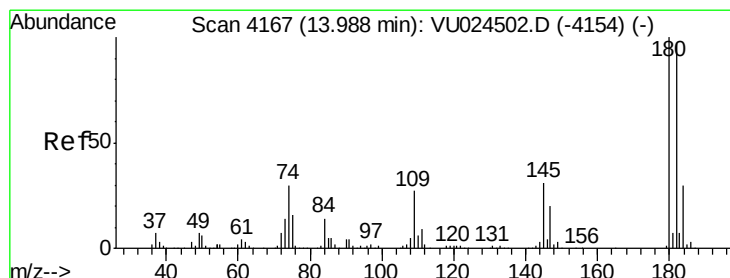
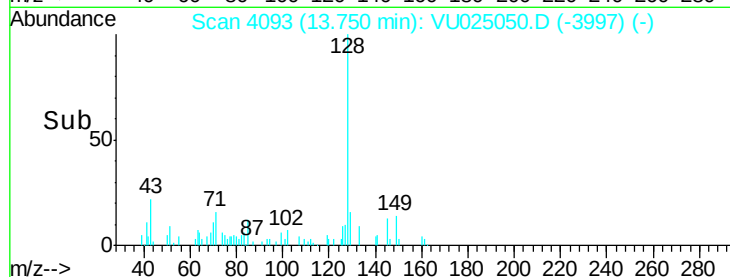
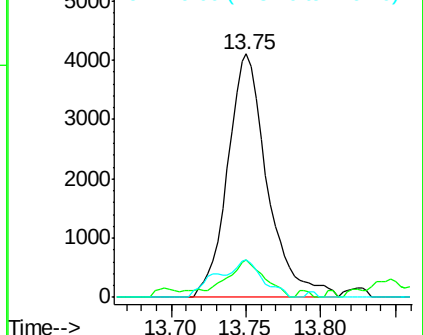
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.327 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025050.D

Acq: 29 Jun 2018 04:00

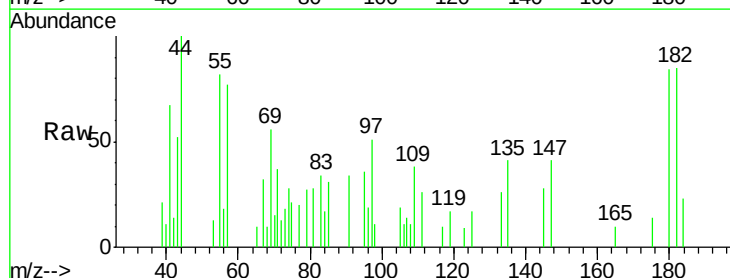
Tgt Ion:180 Resp: 1514

Ion Ratio Lower Upper

180 100

182 99.7 47.9 143.7

145 28.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

