

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070718\
 Data File : VU025247.D
 Acq On : 06 Jul 2018 18:04
 Operator : MD/SY
 Sample : J3808-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628

Quant Time: Jul 06 23:30:47 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

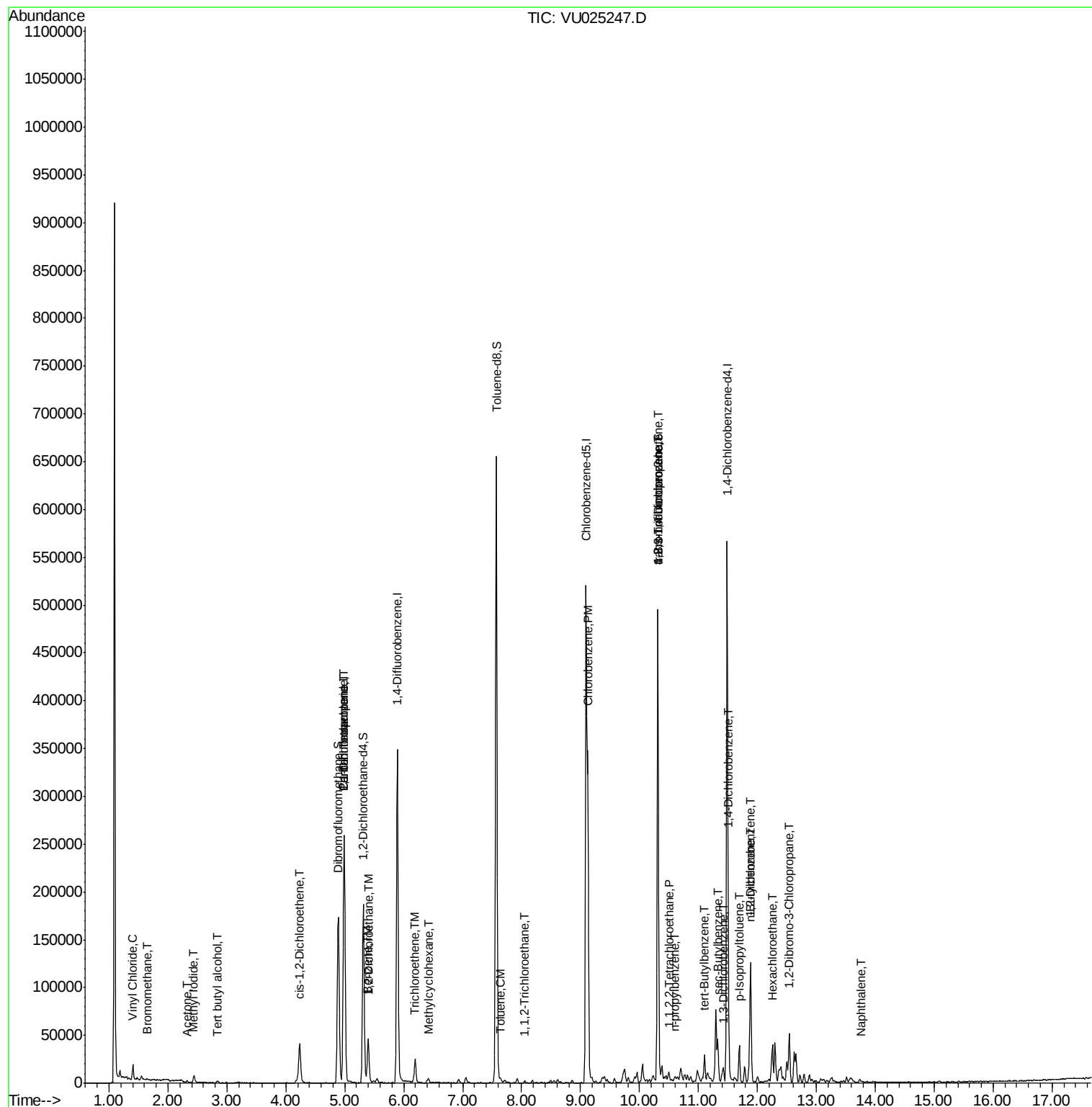
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	295585	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153447	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	4.89	113	116438	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	7.57	98	435302	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.31	95	160806	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	8076	3.069	ug/l	94
5) Bromomethane	1.63	94	364	0.286	ug/l #	68
6) Chloroethane	1.65	64	89	Below Cal	#	43
10) Methyl Iodide	2.42	142	75	5.320	ug/l #	40
11) Tert butyl alcohol	2.84	59	1452	1.833	ug/l #	72
16) Acetone	2.32	43	2182	1.247	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	22683	7.885	ug/l	89
31) Cyclohexane	4.99	56	4440	Below Cal	#	25
36) 1,1-Dichloropropene	4.99	75	14473	4.167	ug/l #	50
38) Carbon Tetrachloride	4.99	117	19118	5.005	ug/l #	17
39) Methylcyclohexane	6.42	83	1745	0.403	ug/l	96
40) Benzene	5.39	78	44047	4.450	ug/l	99
42) 1,2-Dichloroethane	5.41	62	924	0.245	ug/l #	77
44) Trichloroethene	6.19	130	8761	3.110	ug/l	95
52) Toluene	7.63	92	1278	0.201	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	1065	0.411	ug/l #	14
65) Chlorobenzene	9.12	112	171314	24.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.49	83	774	0.204	ug/l #	25
76) 1,2,3-Trichloropropane	10.31	75	83489	25.707	ug/l #	35
78) n-propylbenzene	10.60	91	3297	0.247	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.31	75	83489	59.498	ug/l #	100
83) tert-Butylbenzene	11.10	119	12121	1.284	ug/l	85
85) sec-Butylbenzene	11.33	105	28099	2.377	ug/l #	57
86) p-Isopropyltoluene	11.69	119	20695	1.955	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	5000	0.944	ug/l	90
88) 1,4-Dichlorobenzene	11.51	146	9627	1.806	ug/l	84
89) n-Butylbenzene	11.89	91	2357	0.251	ug/l #	80
90) Hexachloroethane	12.25	117	1923	0.931	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	48565	9.153	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.54	75	312	0.298	ug/l #	3
95) Naphthalene	13.76	128	1377	0.804	ug/l #	86

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

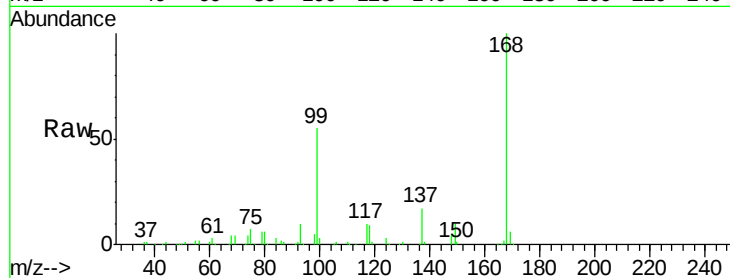
WP021MW470-180628

Tot Ion:168 Resp: 199536

Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

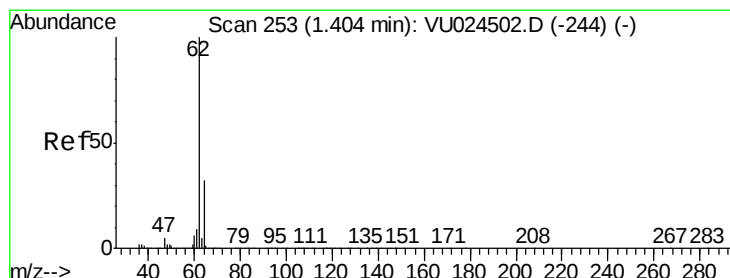
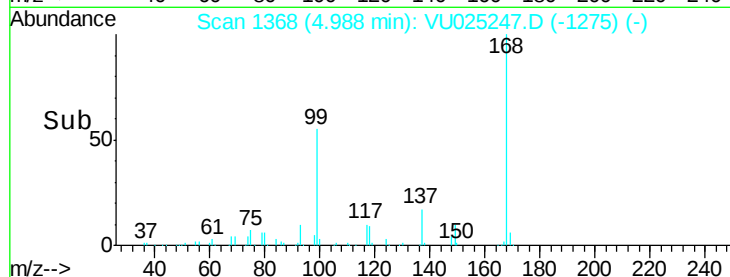
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 3.069 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025247.D

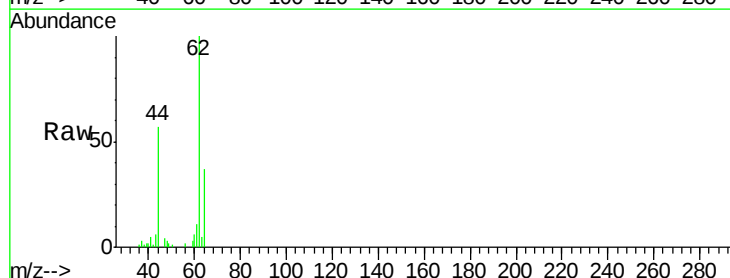
Acq: 06 Jul 2018 18:04

Tgt Ion: 62 Resp: 8076

Ion Ratio Lower Upper

62 100

64 34.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

8000

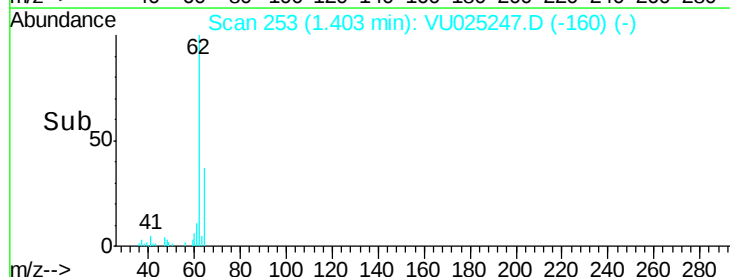
6000

4000

2000

0

Time-->





#5

Bromomethane

Concen: 0.286 ug/l

RT: 1.63 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

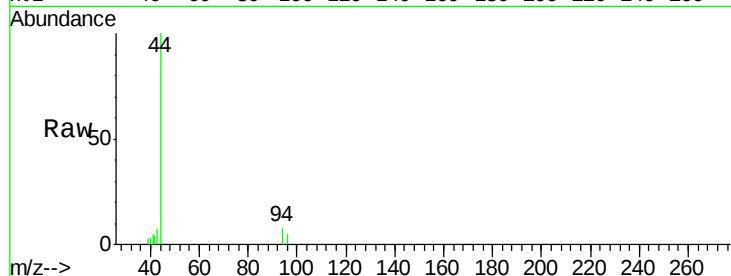
WP021MW470-180628

Tot Ion: 94 Resp: 364

Ion Ratio Lower Upper

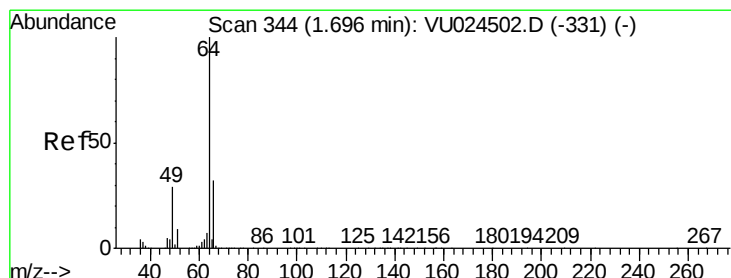
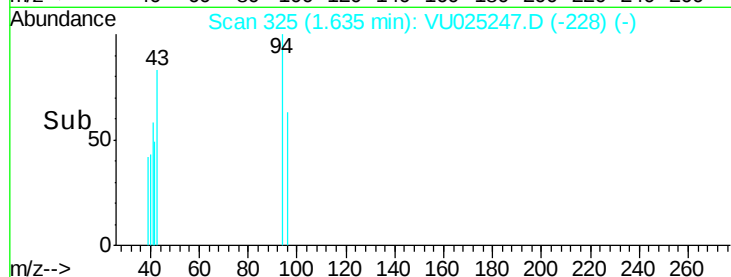
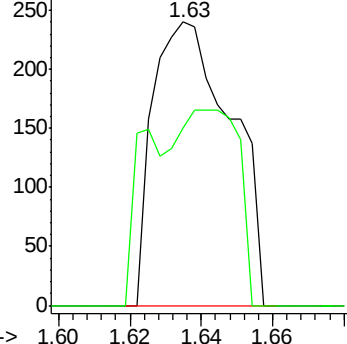
94 100

96 62.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.65 min Scan# 329

Delta R.T. -0.05 min

Lab File: VU025247.D

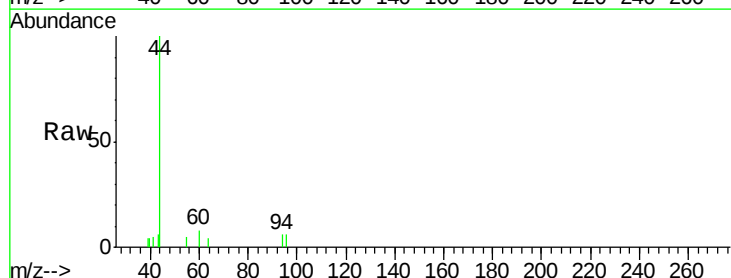
Acq: 06 Jul 2018 18:04

Tgt Ion: 64 Resp: 89

Ion Ratio Lower Upper

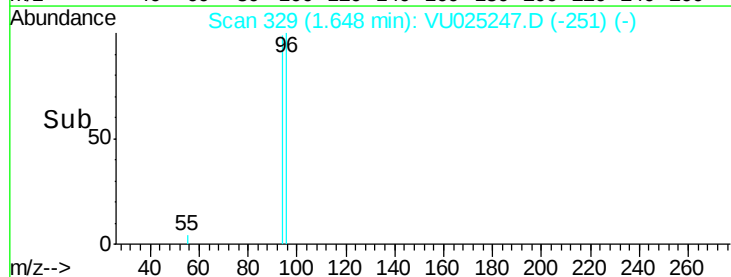
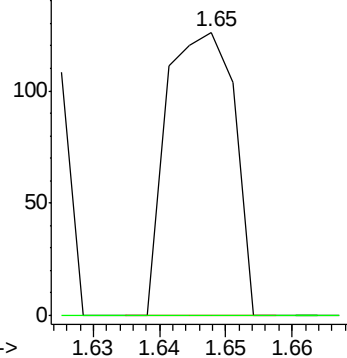
64 100

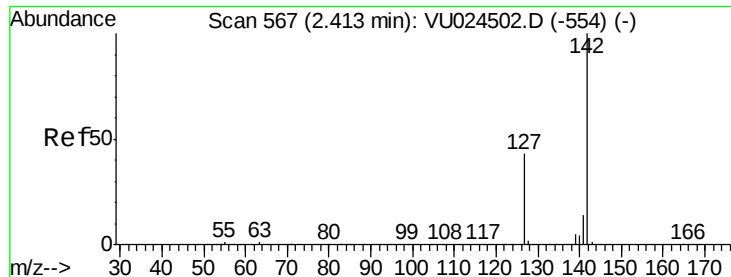
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

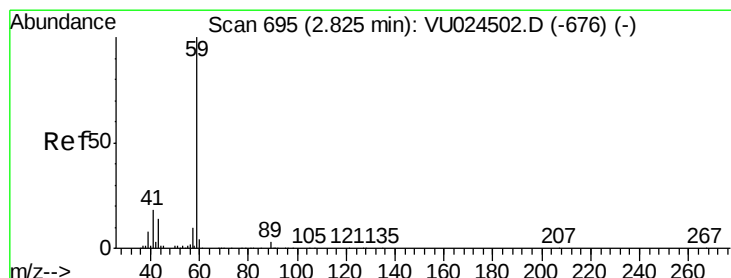
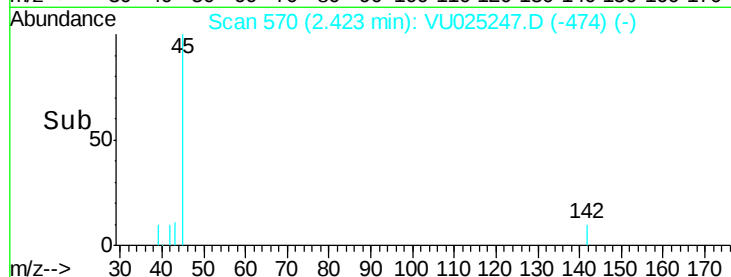
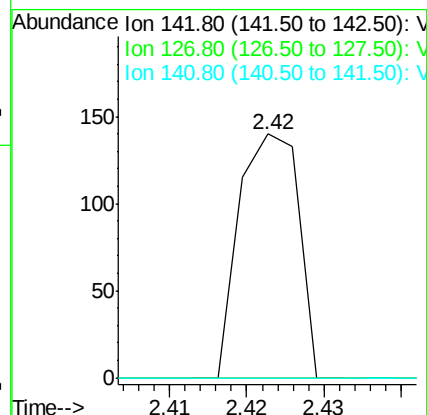
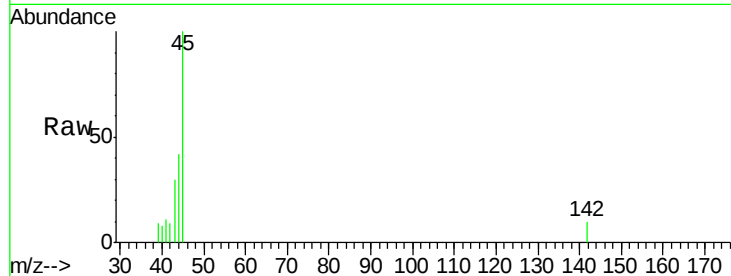




#10
Methvl Iodide
Concen: 5.320 ug/l
RT: 2.42 min Scan# 570
Delta R.T. 0.01 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

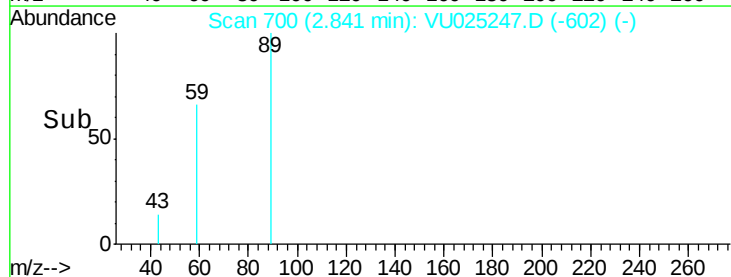
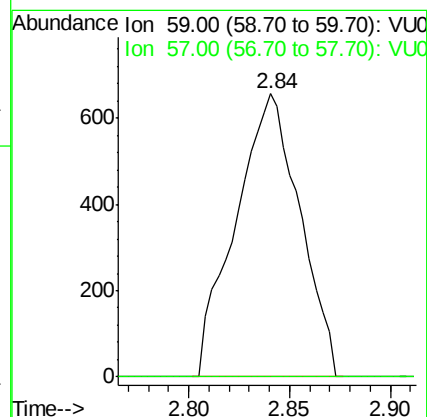
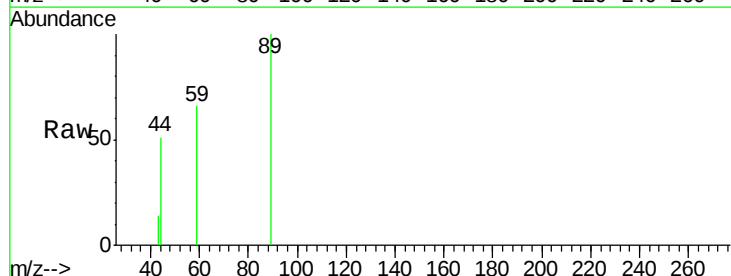
Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628

Tot Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.833 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

Tgt Ion: 59 Resp: 1452
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 1.247 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

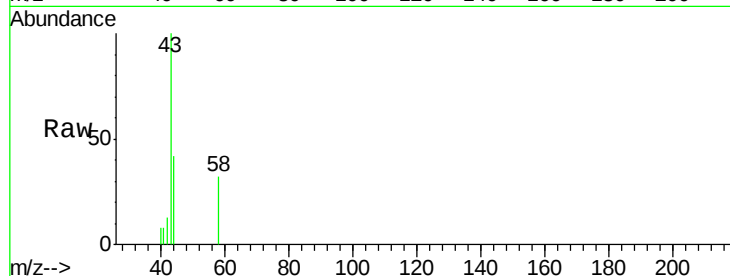
WP021MW470-180628

Tot Ion: 43 Resp: 2182

Ion Ratio Lower Upper

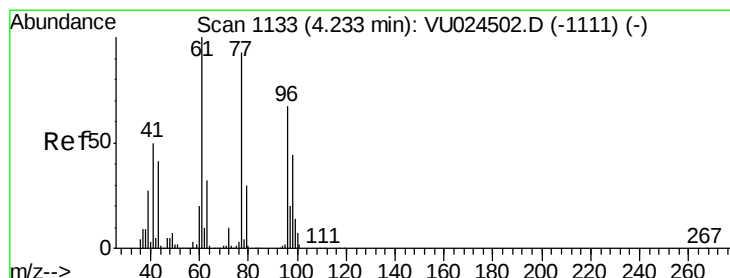
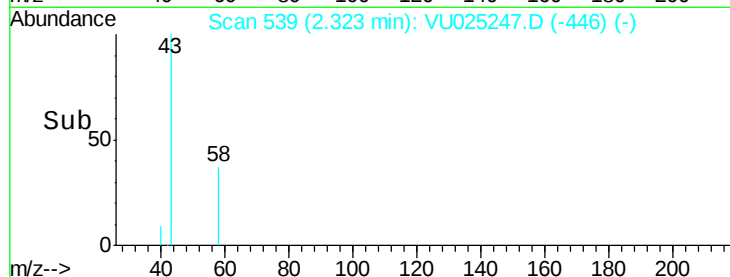
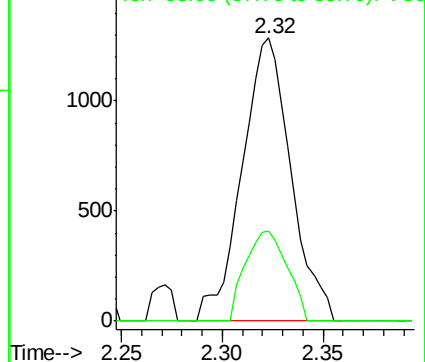
43 100

58 32.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)



#27

cis-1,2-Dichloroethene

Concen: 7.885 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

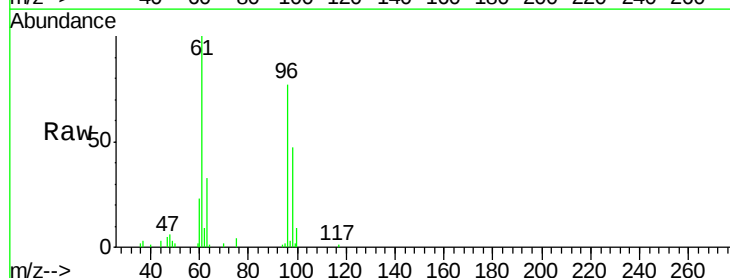
Tgt Ion: 96 Resp: 22683

Ion Ratio Lower Upper

96 100

61 134.2 0.0 306.6

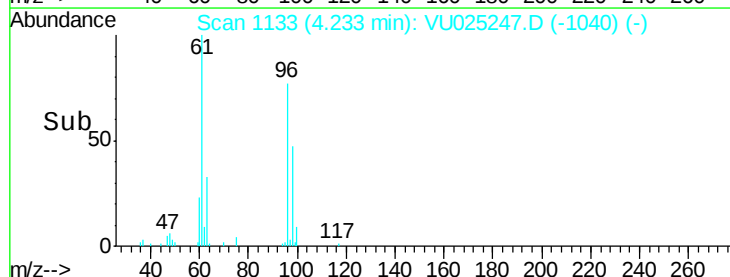
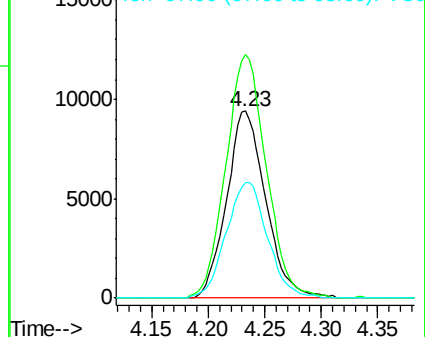
98 65.3 0.0 128.8

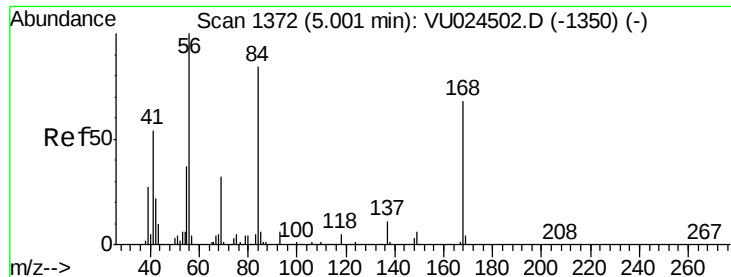


Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-1111) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-1111) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1111) (-)

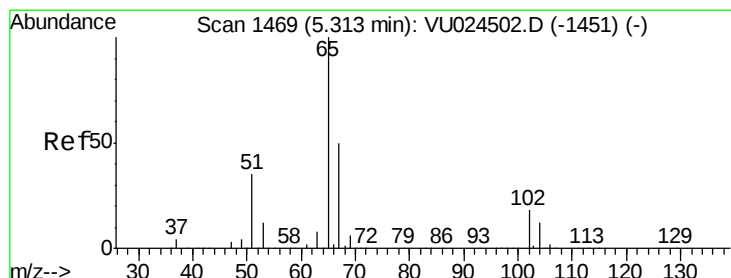
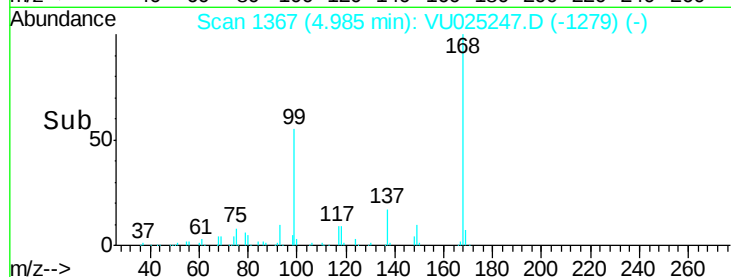
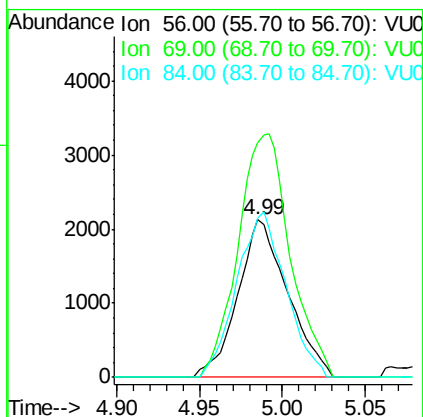
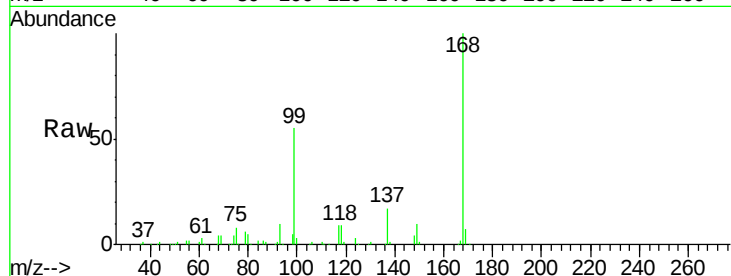




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

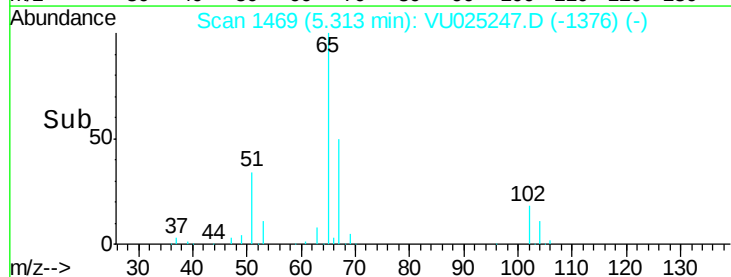
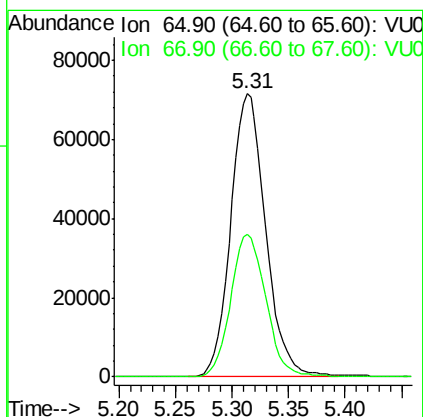
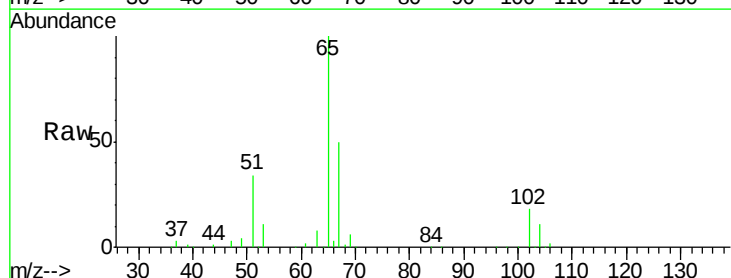
Instrument :
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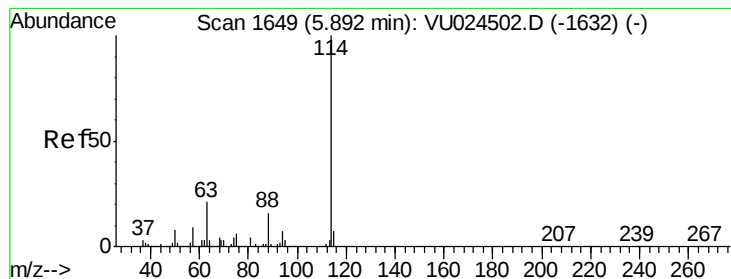
Tot Ion: 56 Resp: 4440
Ion Ratio Lower Upper
56 100
69 148.7 24.8 37.2#
84 101.4 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 47.106 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

Tgt Ion: 65 Resp: 153447
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

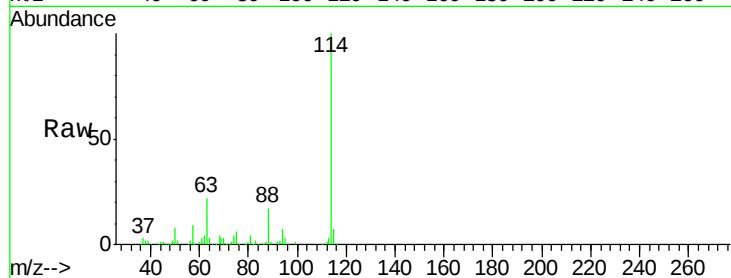
Tot Ion:114 Resp: 295585

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.4

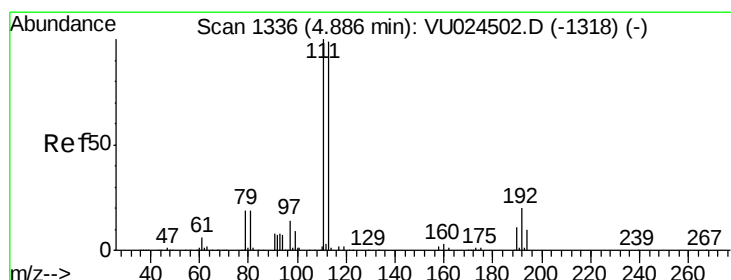
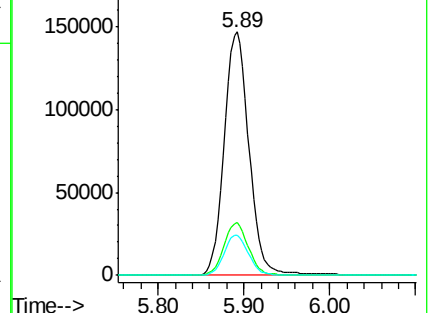
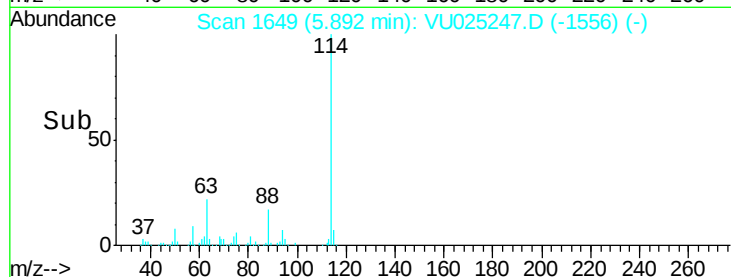
88 16.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.465 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

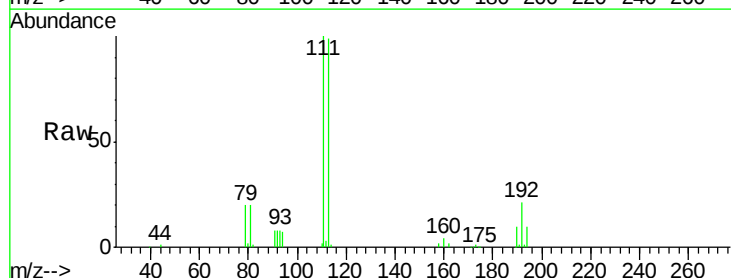
Tgt Ion:113 Resp: 116438

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

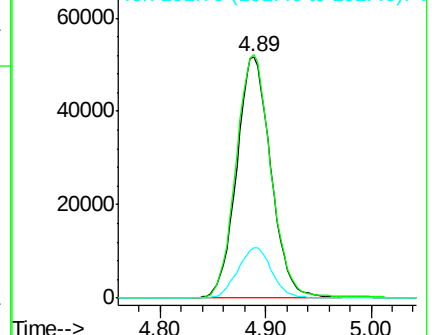
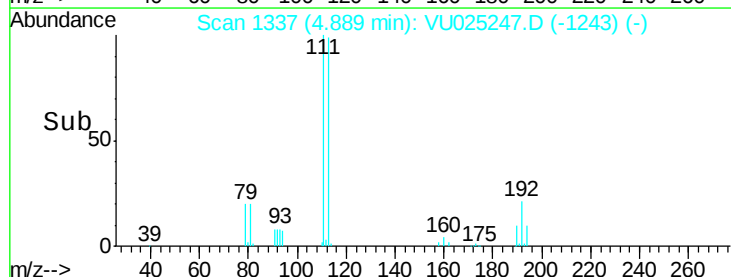
192 20.6 16.2 24.4

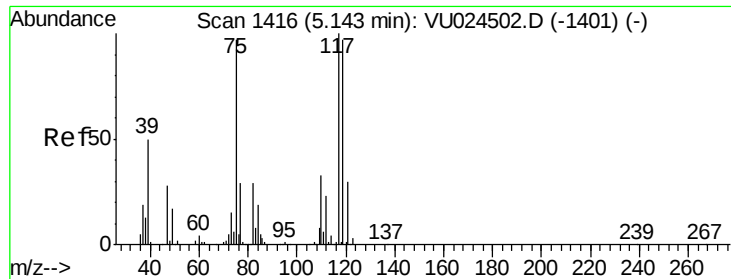


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

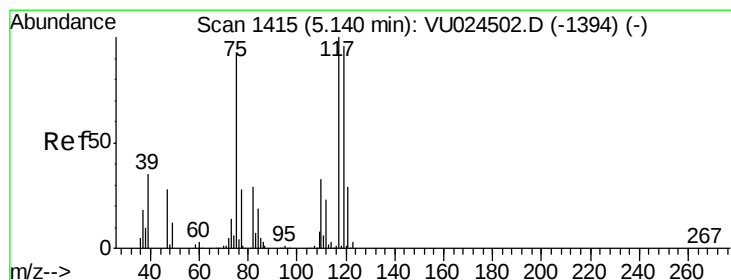
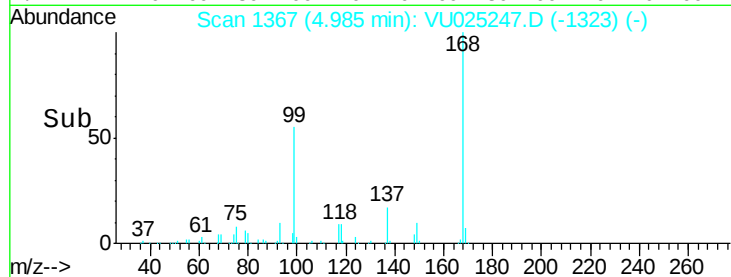
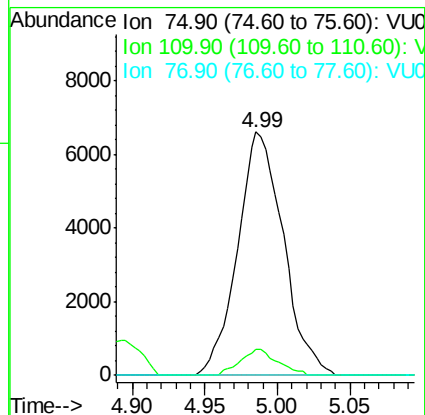
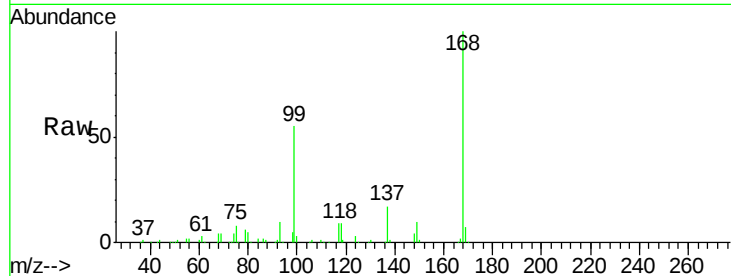
Tot Ion: 75 Resp: 14473

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.005 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

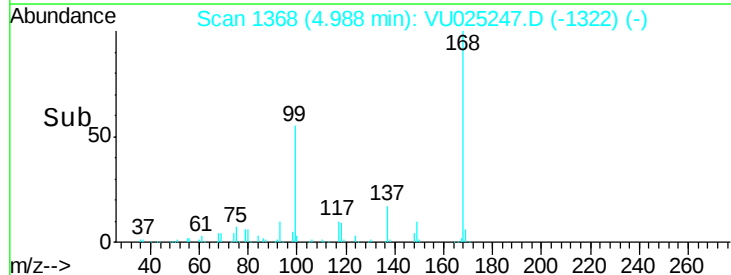
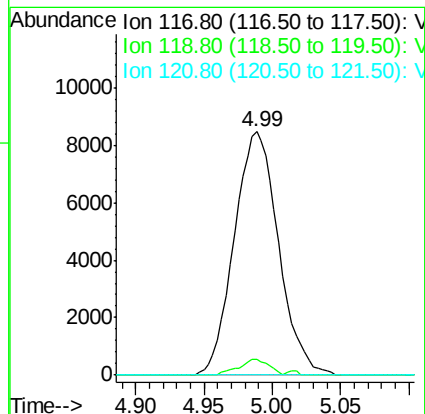
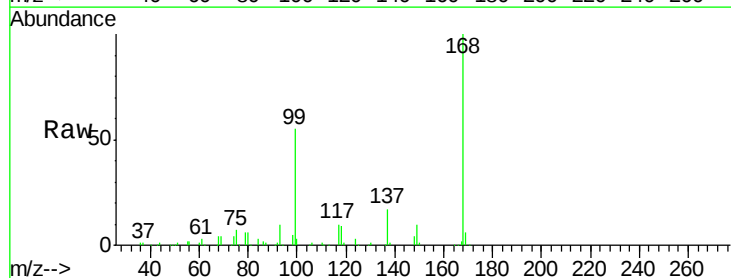
Tgt Ion: 117 Resp: 19118

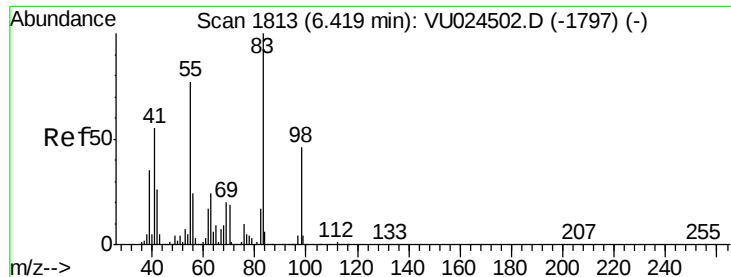
Ion Ratio Lower Upper

117 100

119 6.3 76.1 114.1#

121 0.0 23.7 35.5#

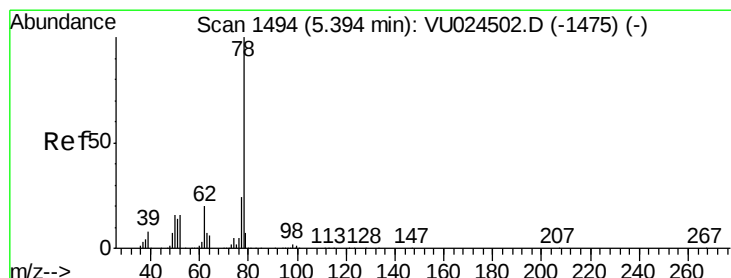
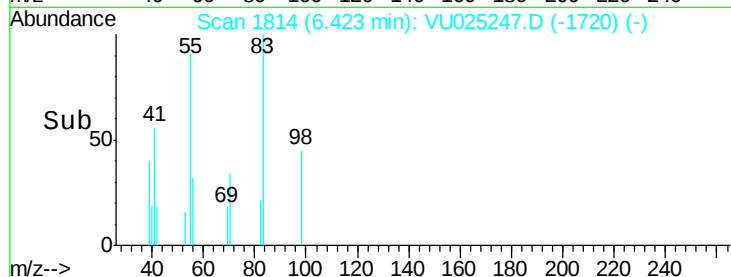
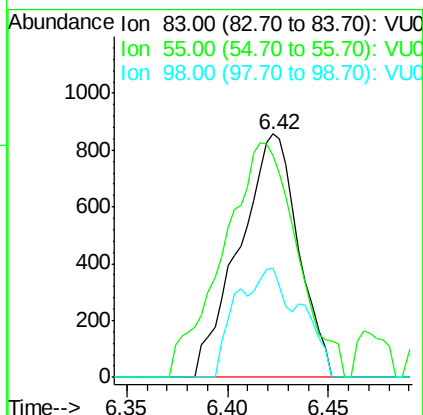
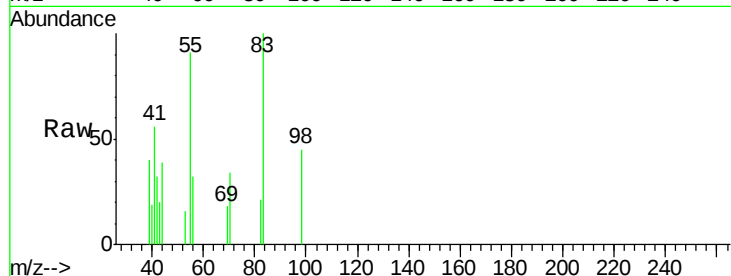




#39
Methvlcvclohexane
Concen: 0.403 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

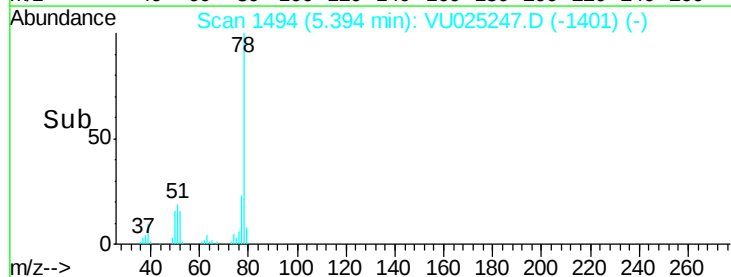
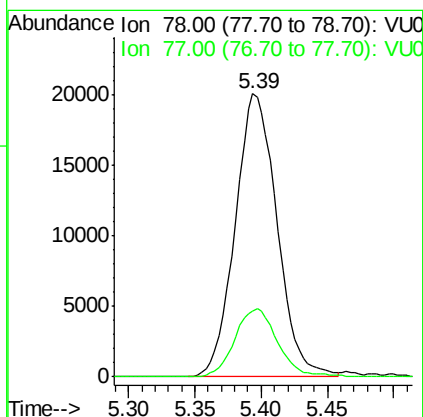
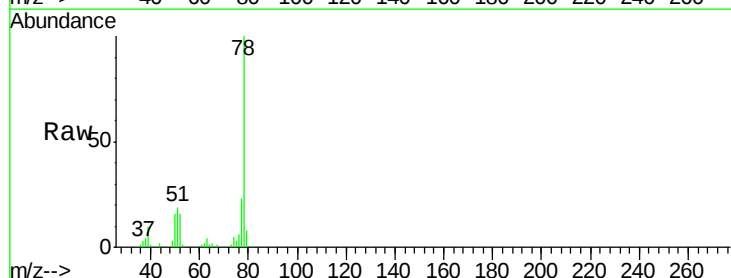
Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628

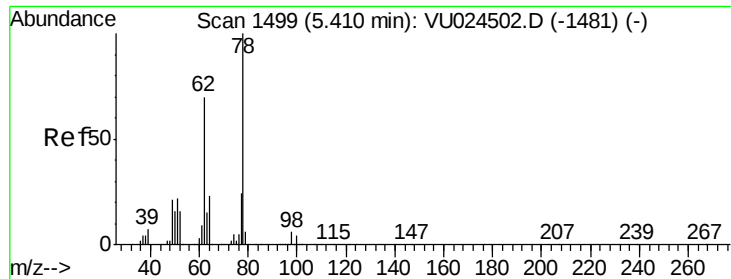
Tot Ion: 83 Resp: 1745
Ion Ratio Lower Upper
83 100
55 77.6 65.8 98.6
98 44.8 36.7 55.1



#40
Benzene
Concen: 4.450 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

Tgt Ion: 78 Resp: 44047
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#42

1,2-Dichloroethane

Concen: 0.245 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

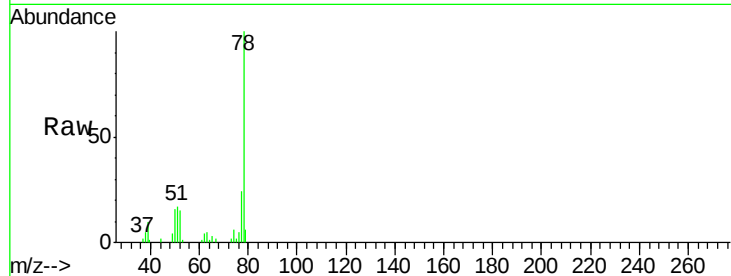
WP021MW470-180628

Tot Ion: 62 Resp: 924

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-1481) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1481) (-)

5.41

600

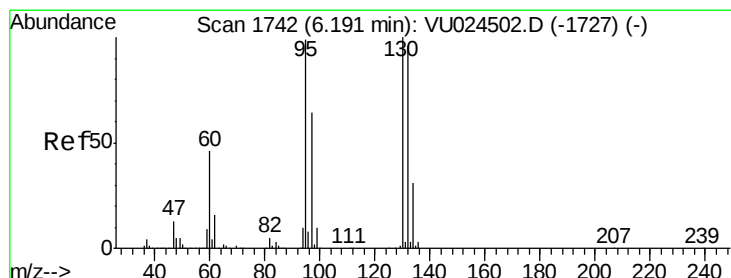
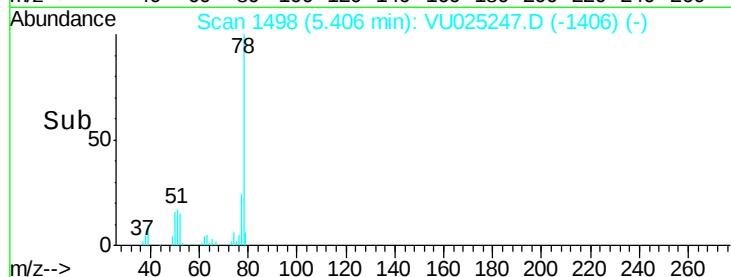
400

200

0

5.36 5.38 5.40 5.42

Time-->



#44

Trichloroethene

Concen: 3.110 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU025247.D

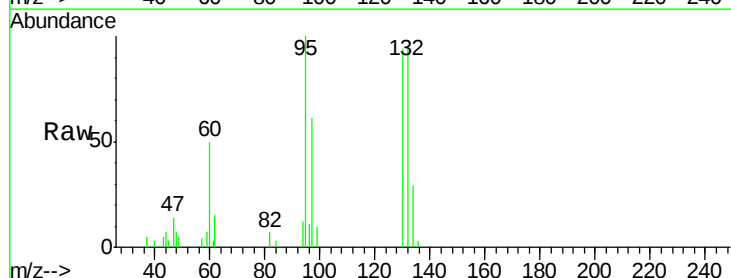
Acq: 06 Jul 2018 18:04

Tgt Ion: 130 Resp: 8761

Ion Ratio Lower Upper

130 100

95 106.2 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) (-)

6.19

5000

4000

3000

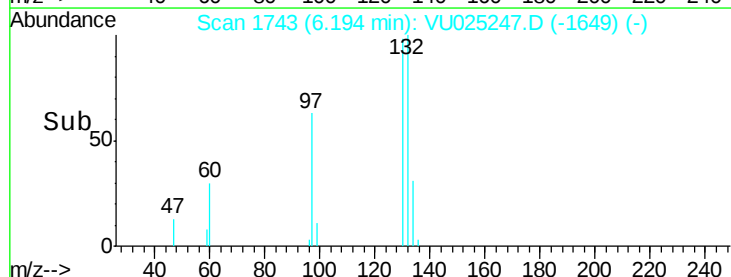
2000

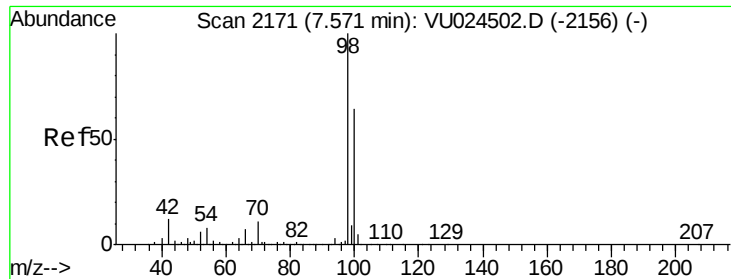
1000

0

6.15 6.20 6.25

Time-->

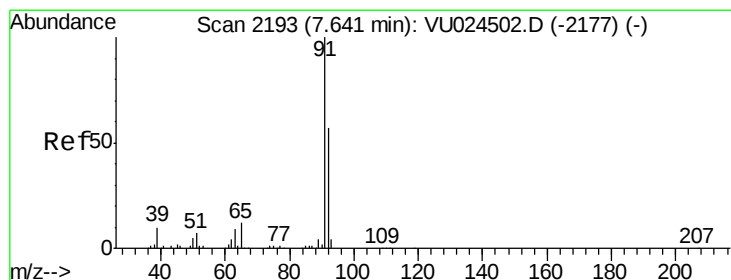
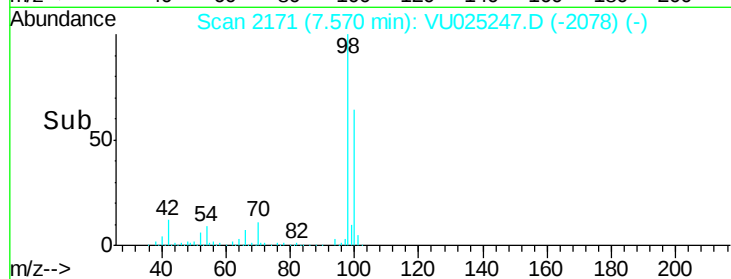
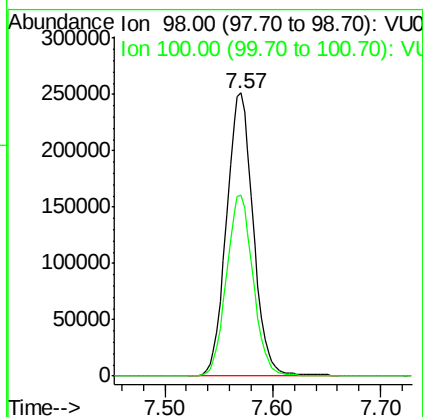
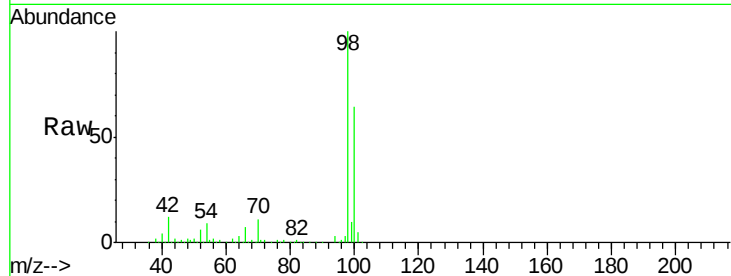




#50
Toluene-d8
Concen: 48.648 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

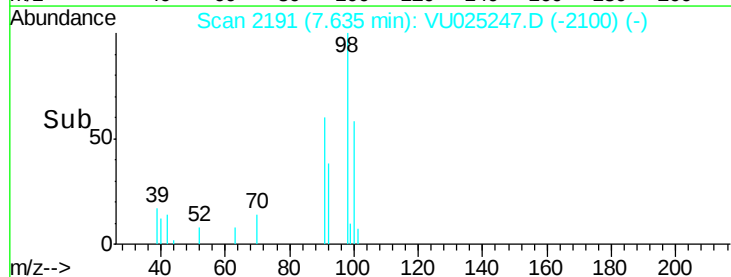
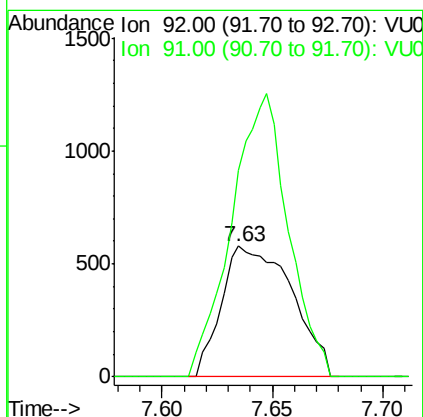
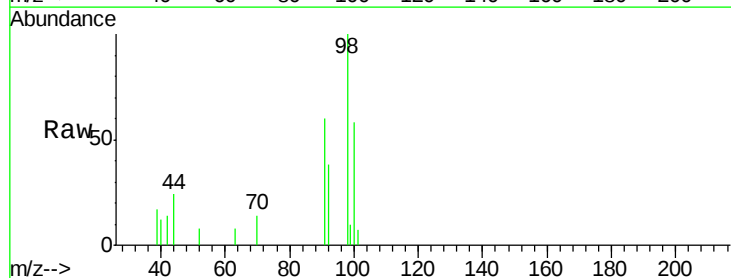
Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628

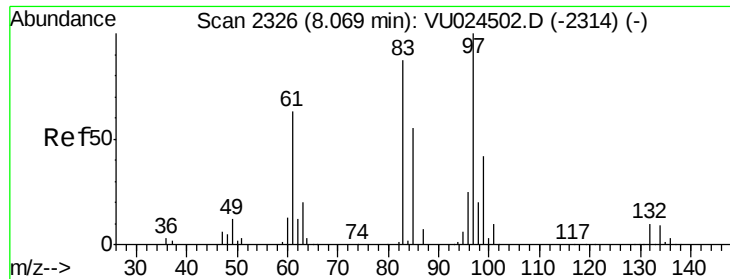
Tot Ion: 98 Resp: 435302
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#52
Toluene
Concen: 0.201 ug/l
RT: 7.63 min Scan# 2191
Delta R.T. -0.01 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

Tgt Ion: 92 Resp: 1278
Ion Ratio Lower Upper
92 100
91 174.9 140.5 210.7

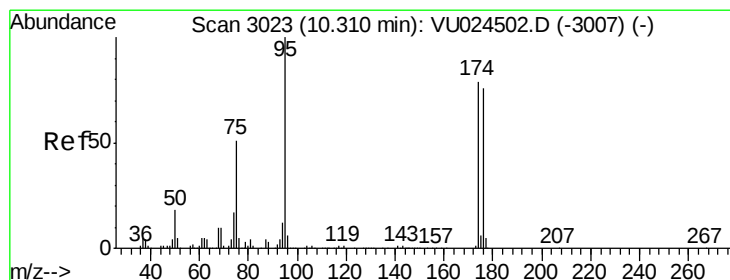
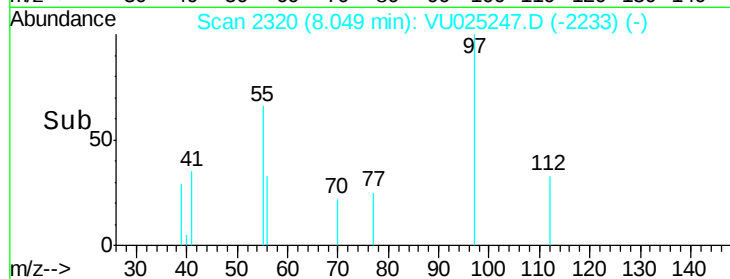
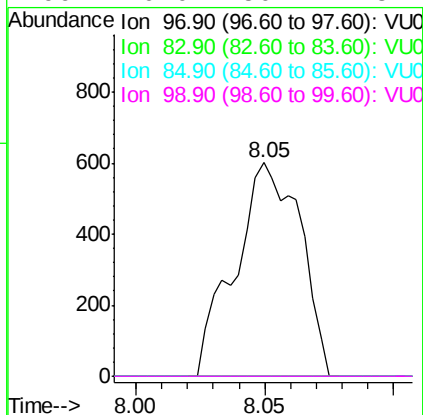
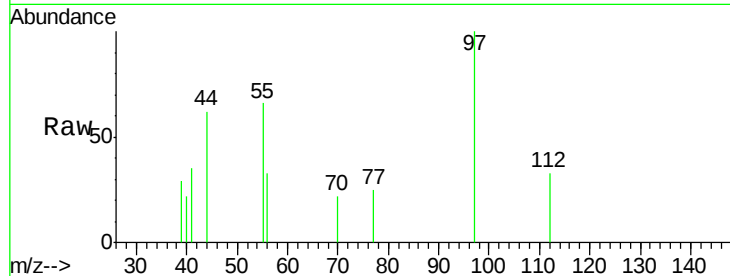




#55
 1,1,2-Trichloroethane
 Concen: 0.411 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

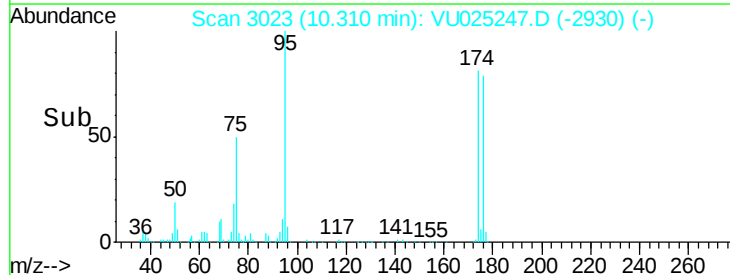
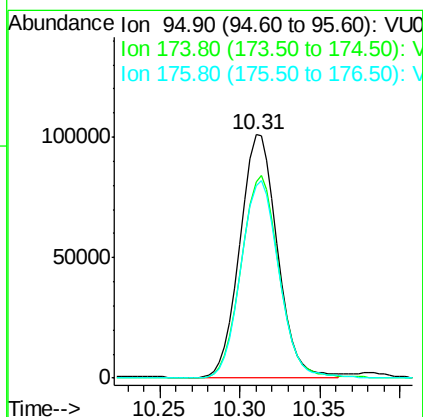
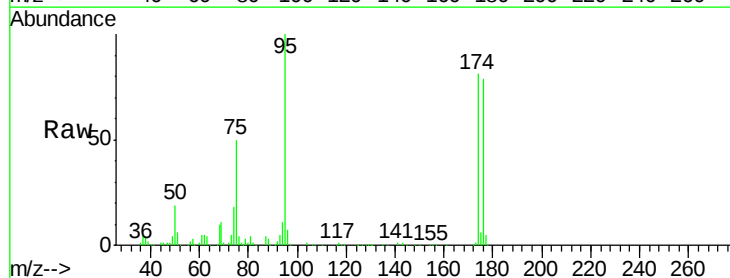
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628

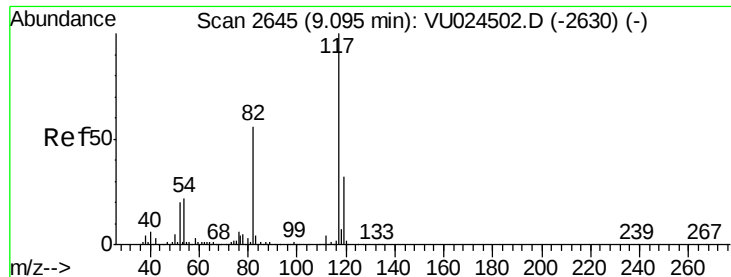
Tot Ion: 97 Resp: 1065
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.5 105.7#
 85 0.0 46.4 69.6#
 99 0.0 50.2 75.2#



#62
 4-Bromofluorobenzene
 Concen: 45.263 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

Tgt Ion: 95 Resp: 160806
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 165.8
 176 82.9 0.0 159.4

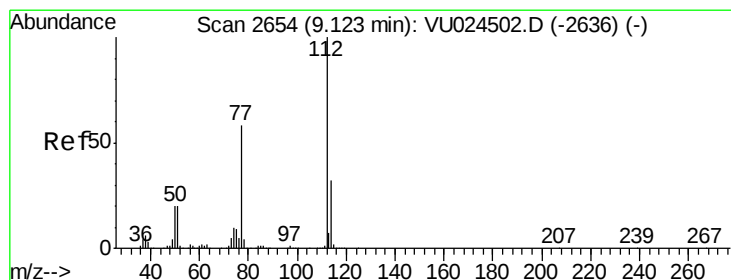
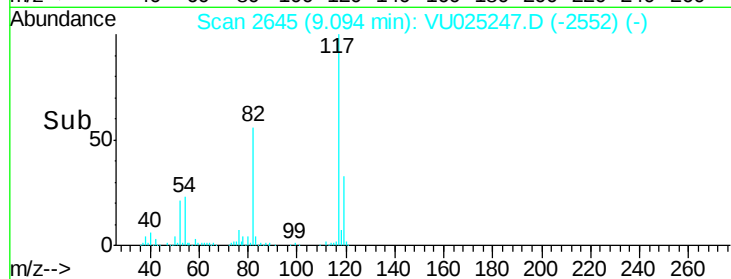
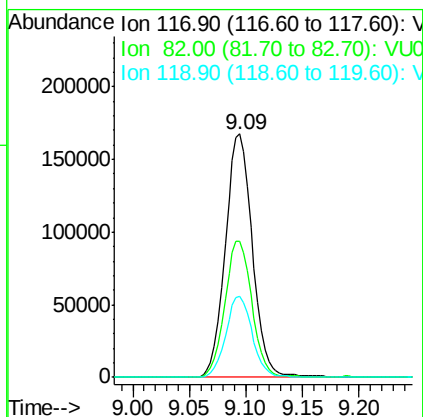
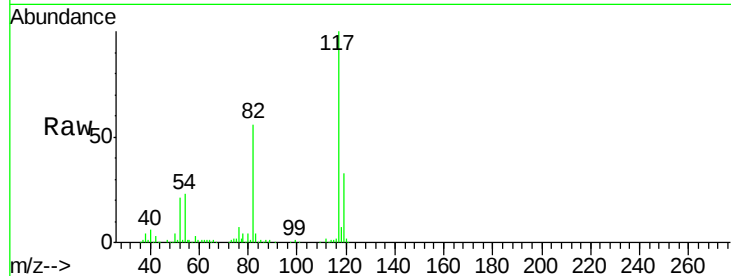




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

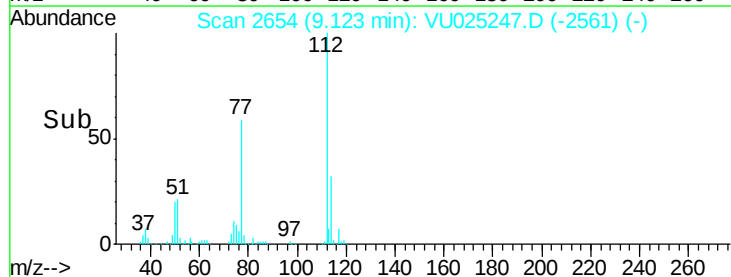
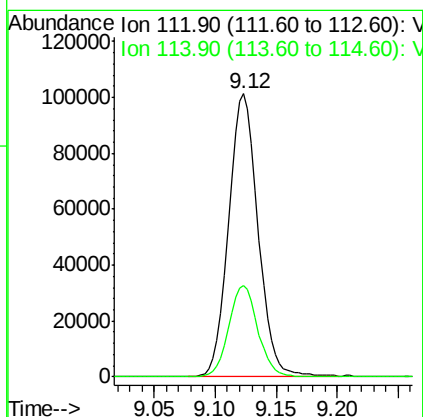
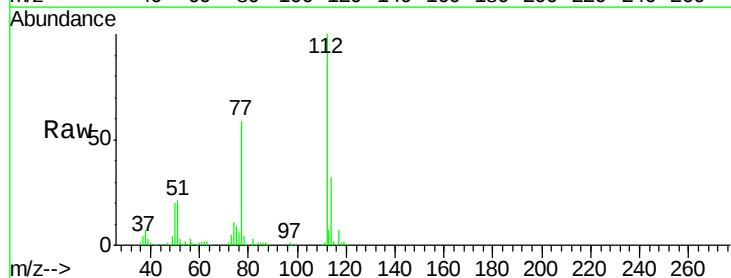
Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628

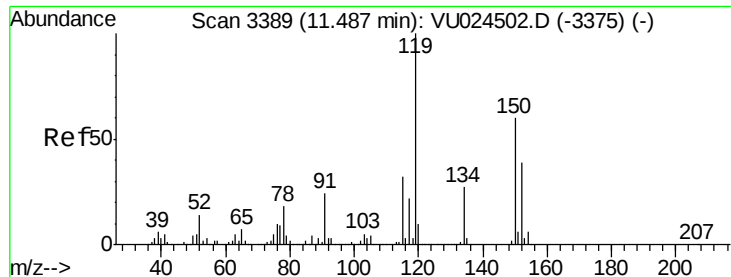
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	33.2	25.4	38.2



#65
Chlorobenzene
Concen: 24.003 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025247.D
Acq: 06 Jul 2018 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	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: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

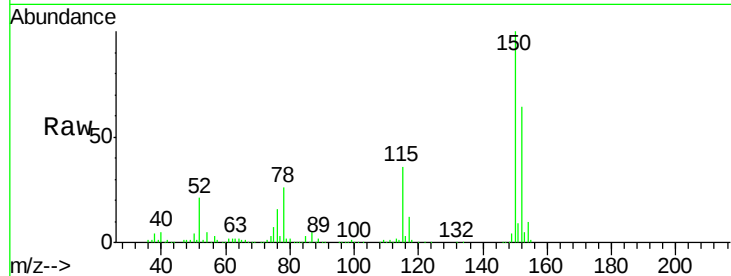
Tot Ion:152 Resp: 147511

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

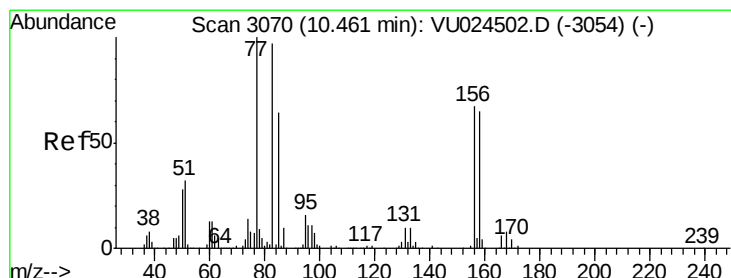
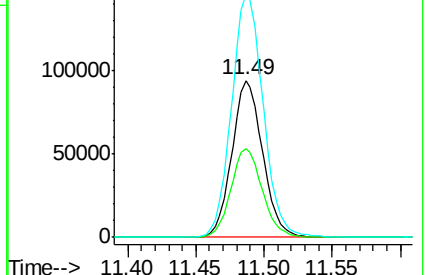
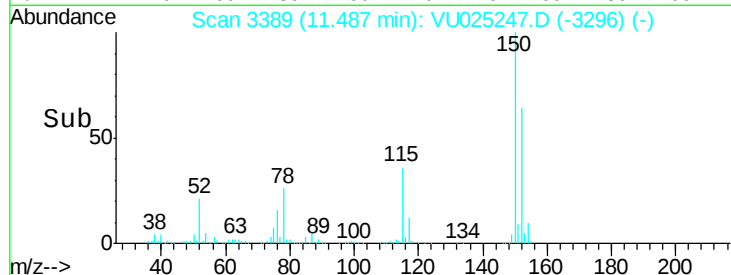
150 159.0 0.0 354.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.204 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

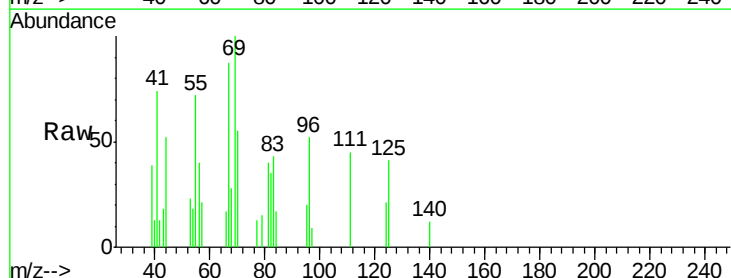
Tgt Ion: 83 Resp: 774

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

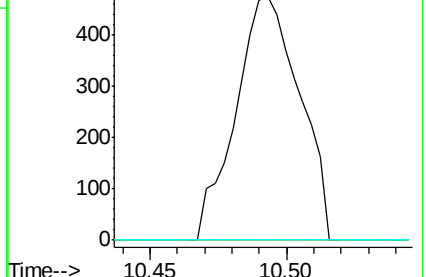
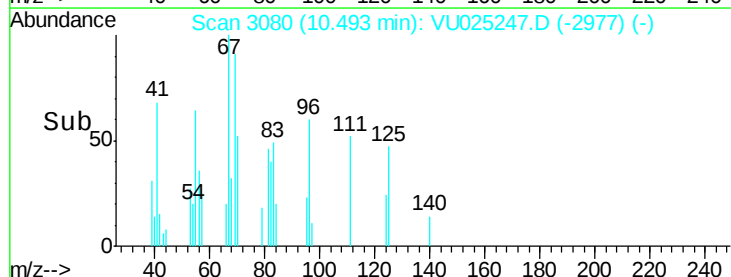
85 0.0 32.5 97.5#

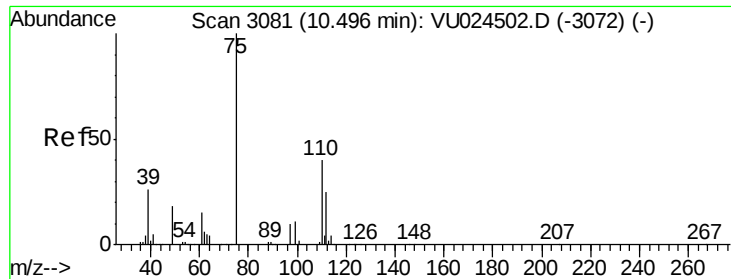


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

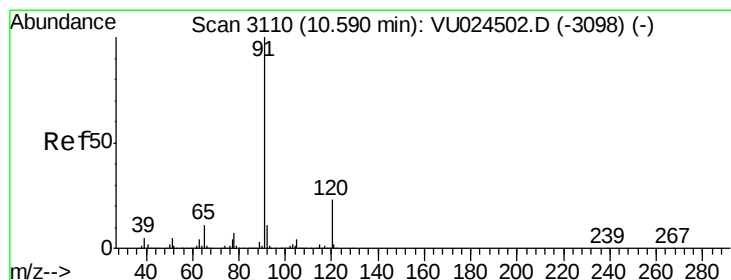
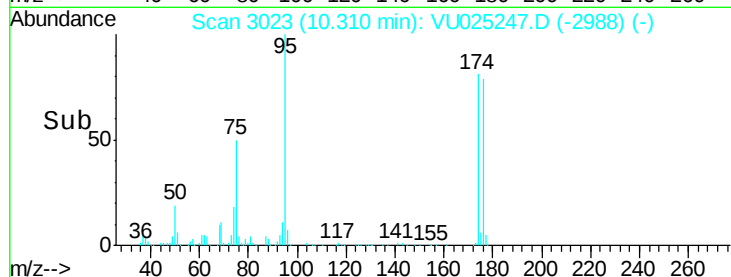
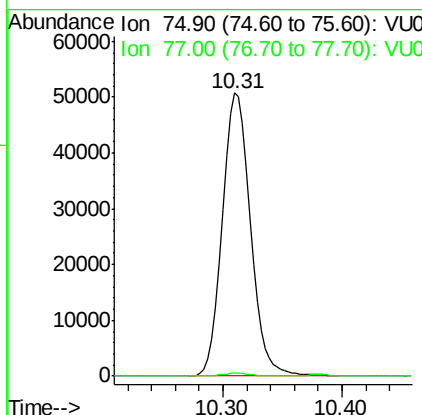
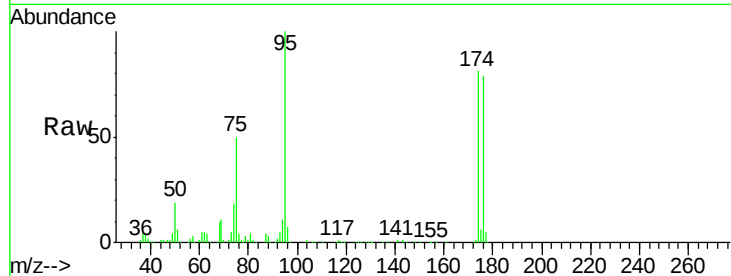




#76
 1,2,3-Trichloropropane
 Concen: 25.707 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

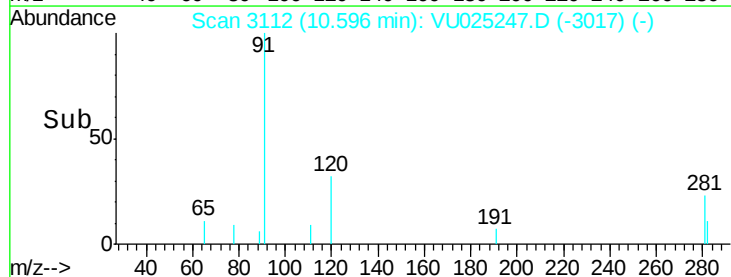
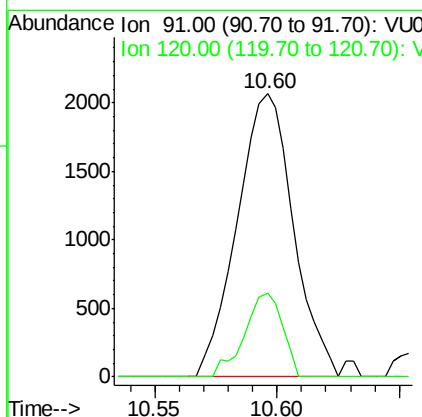
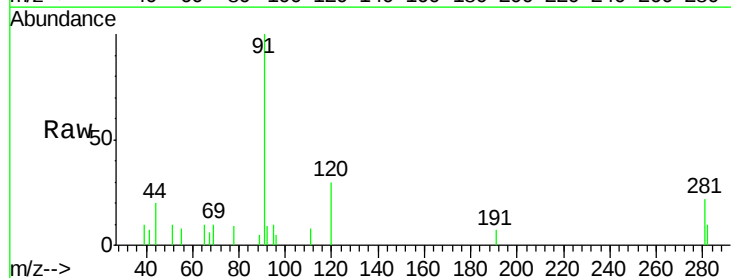
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628

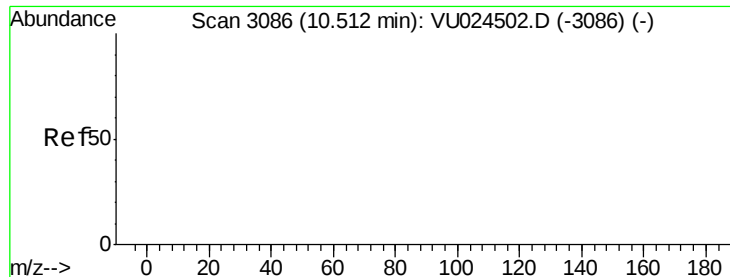
Tot Ion: 75 Resp: 83489
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.7#



#78
 n-propylbenzene
 Concen: 0.247 ug/l
 RT: 10.60 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

Tgt Ion: 91 Resp: 3297
 Ion Ratio Lower Upper
 91 100
 120 19.9 11.2 33.5





#81

trans-1,4-Dichloro-2-butene

Concen: 59.498 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

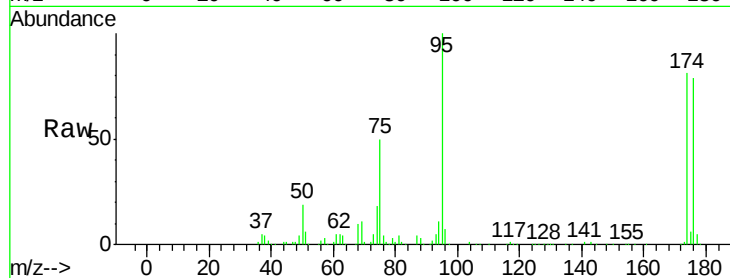
Tot Ion: 75 Resp: 83489

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

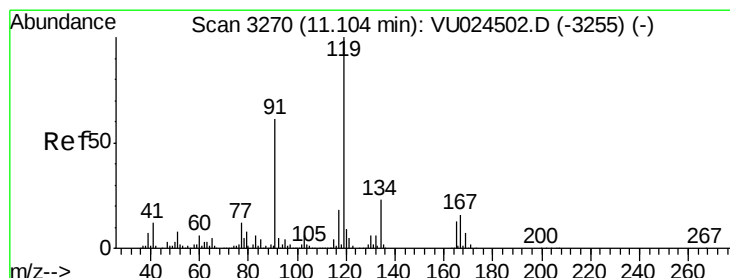
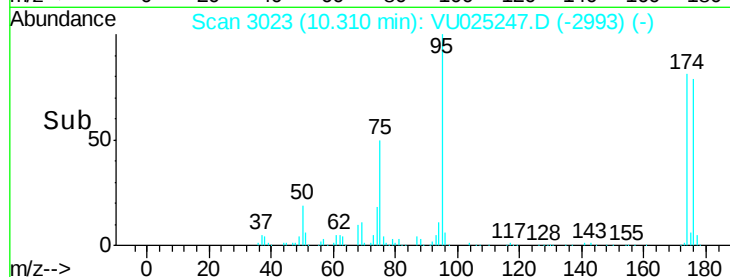
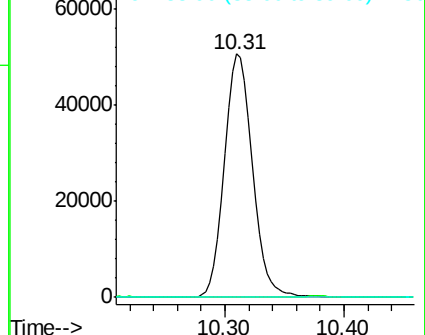
89 0.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#83

tert-Butylbenzene

Concen: 1.284 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

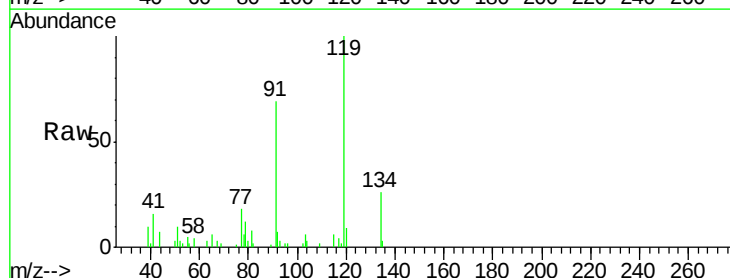
Tgt Ion: 119 Resp: 12121

Ion Ratio Lower Upper

119 100

91 73.5 29.7 89.1

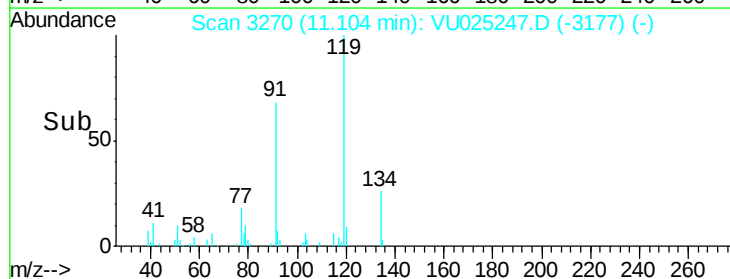
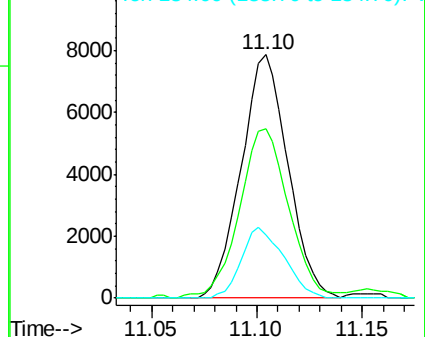
134 26.4 11.6 34.7

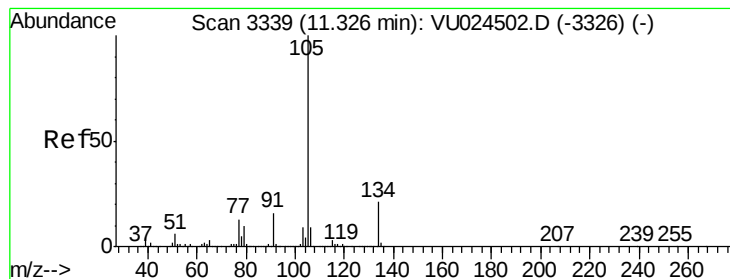


Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)





#85

sec-Butylbenzene

Concen: 2.377 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

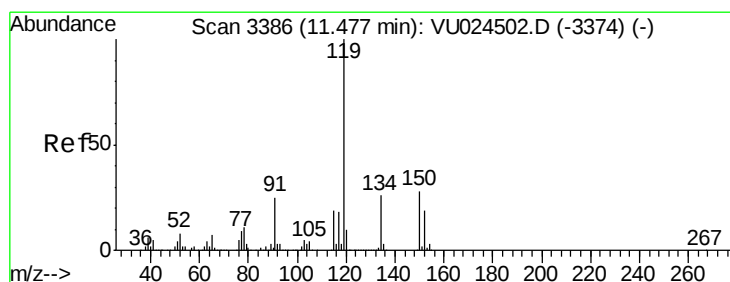
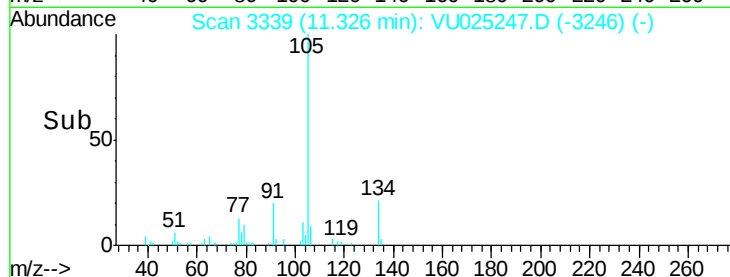
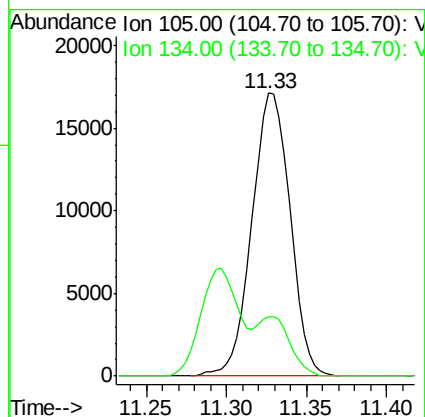
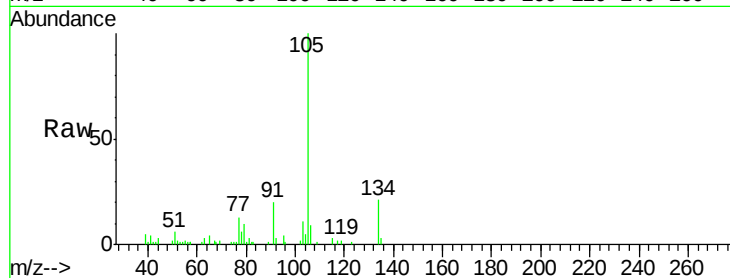
WP021MW470-180628

Tot Ion:105 Resp: 28099

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 1.955 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

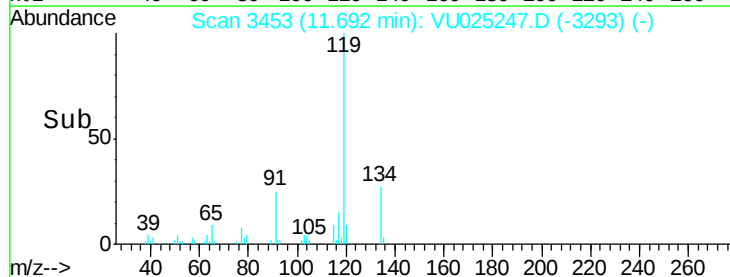
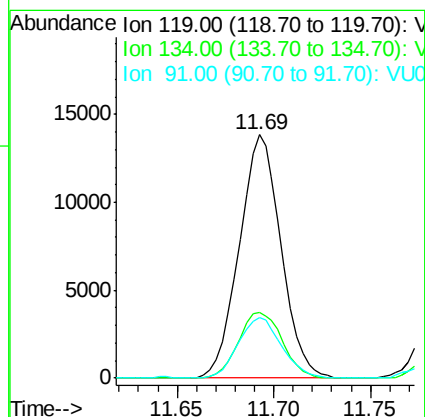
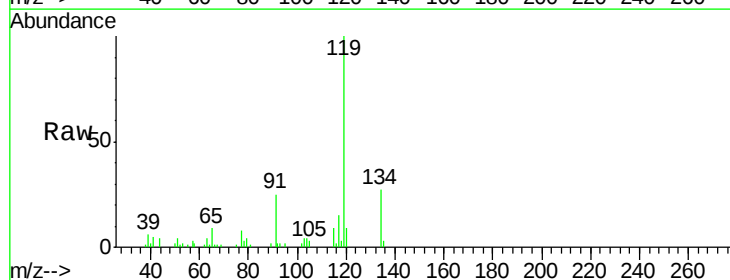
Tgt Ion:119 Resp: 20695

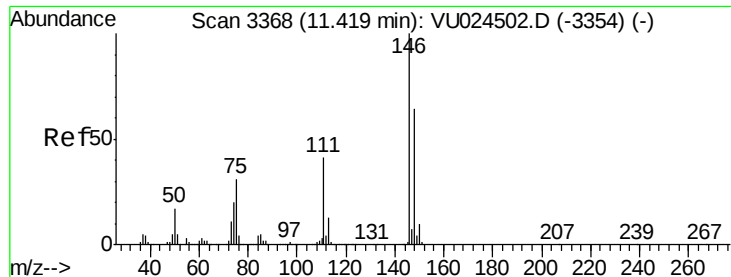
Ion Ratio Lower Upper

119 100

134 28.4 12.9 38.6

91 25.8 12.0 36.1

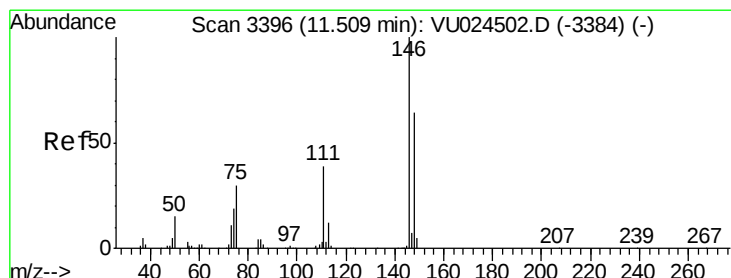
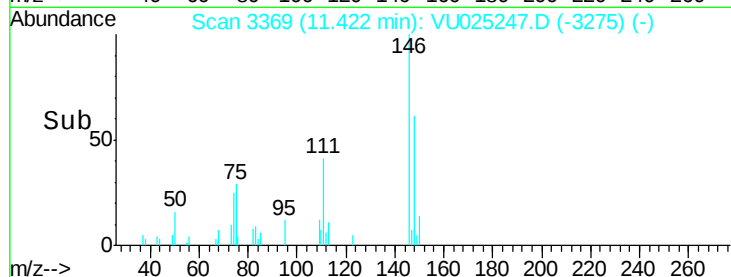
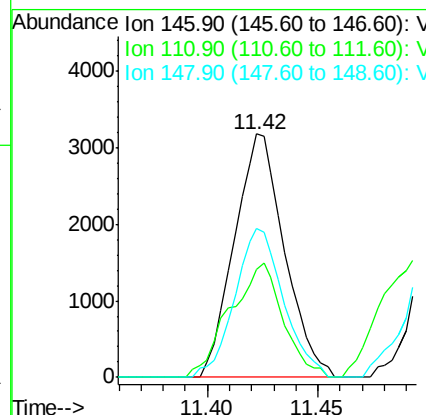
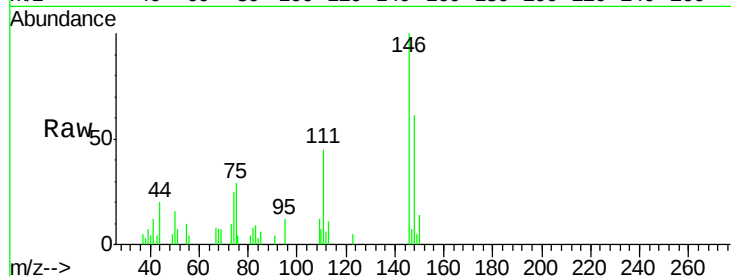




#87
 1,3-Dichlorobenzene
 Concen: 0.944 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

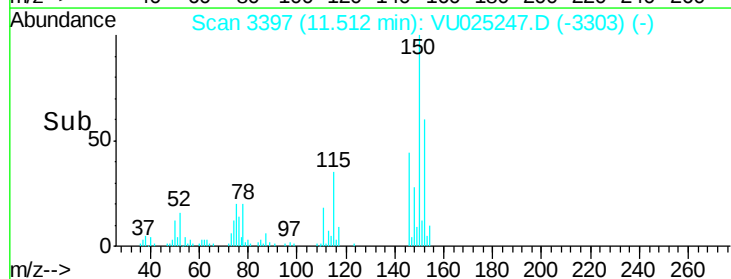
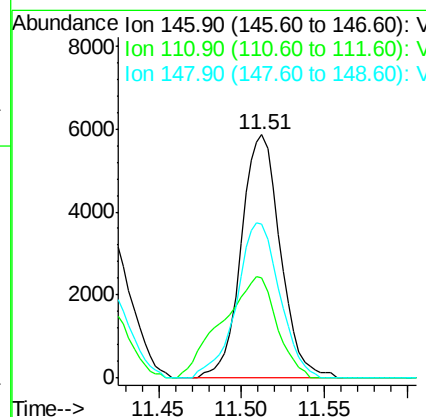
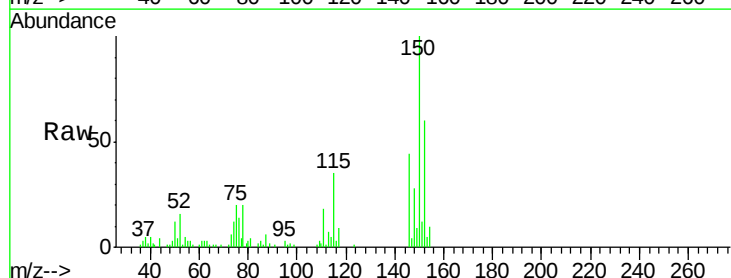
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628

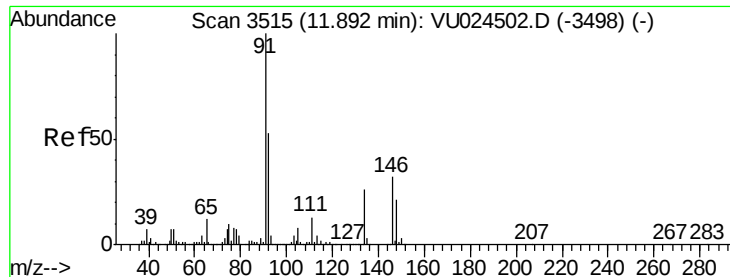
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.6	20.0	60.0
148	59.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 1.806 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025247.D
 Acq: 06 Jul 2018 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	58.1	19.5	58.5
148	70.2	32.4	97.0





#89

n-Butylbenzene

Concen: 0.251 ug/l

RT: 11.89 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

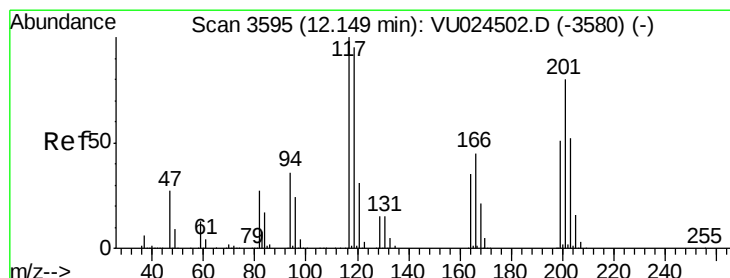
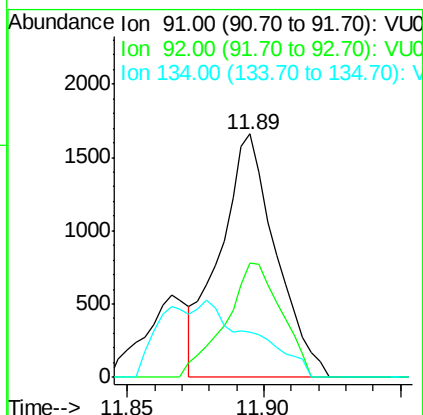
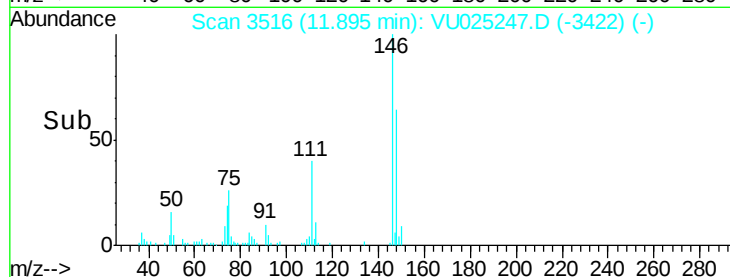
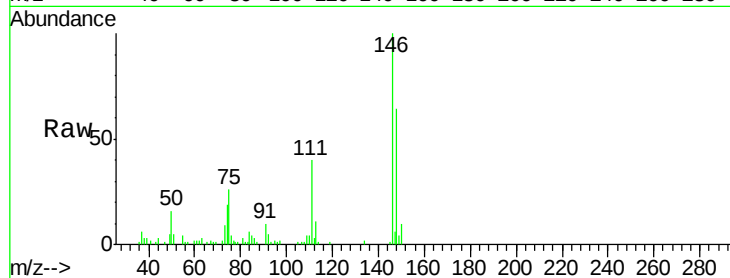
Tot Ion: 91 Resp: 2357

Ion Ratio Lower Upper

91 100

92 46.8 25.6 76.8

134 0.0 12.3 36.8#



#90

Hexachloroethane

Concen: 0.931 ug/l

RT: 12.25 min Scan# 3627

Delta R.T. 0.10 min

Lab File: VU025247.D

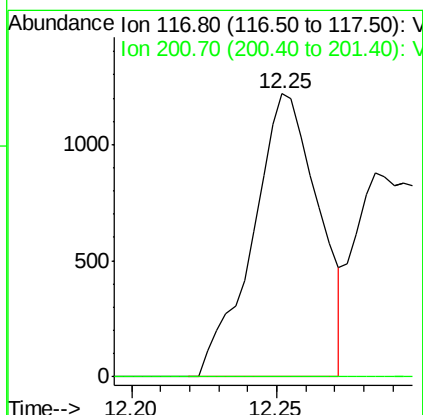
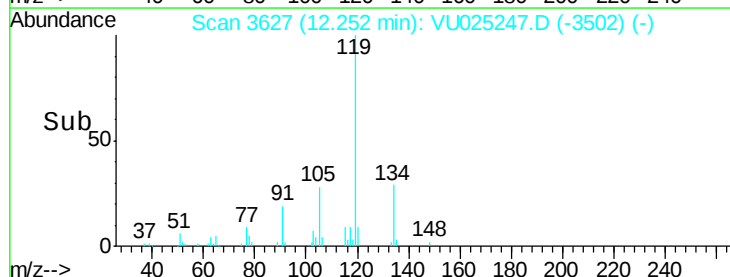
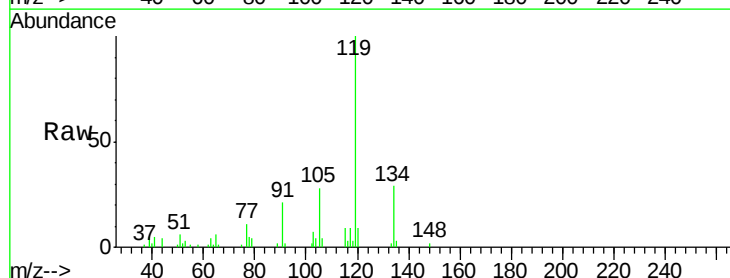
Acq: 06 Jul 2018 18:04

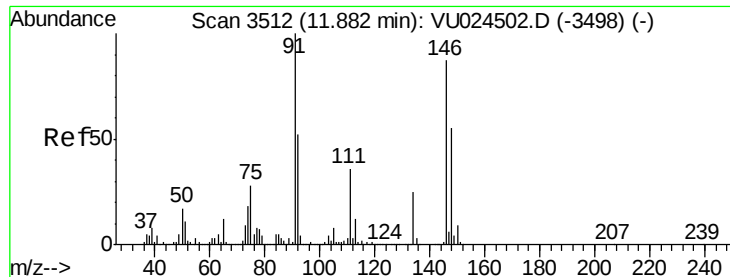
Tgt Ion: 117 Resp: 1923

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#





#91

1,2-Dichlorobenzene

Concen: 9.153 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

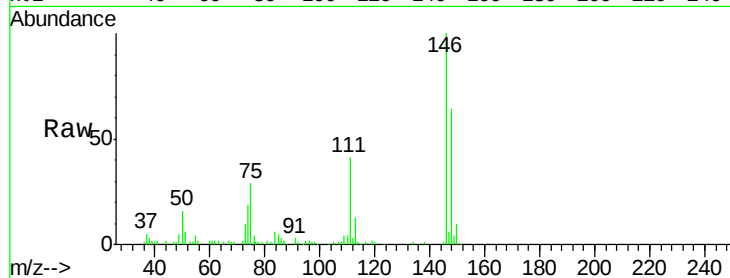
Tot Ion:146 Resp: 48565

Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.6

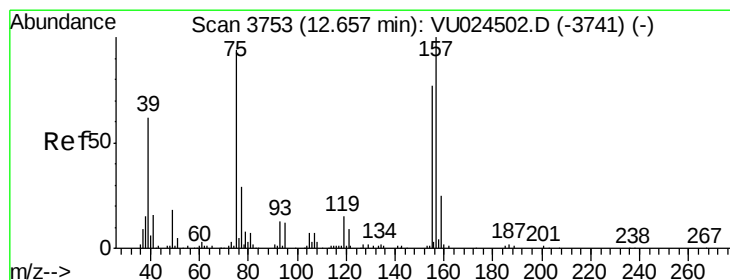
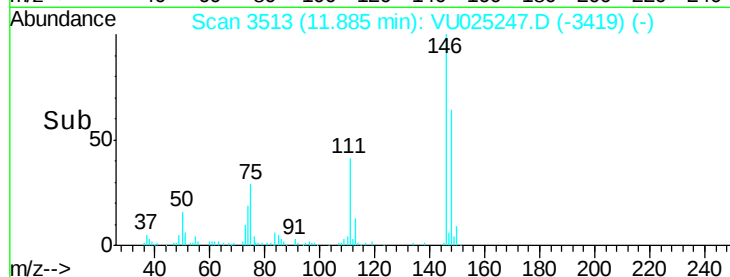
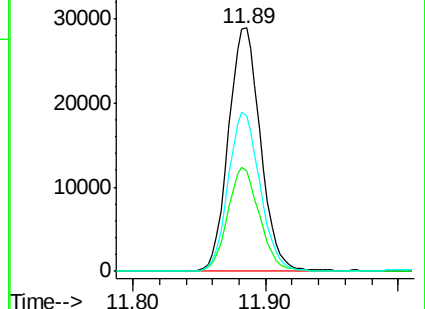
148 64.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.298 ug/l

RT: 12.54 min Scan# 3716

Delta R.T. -0.12 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

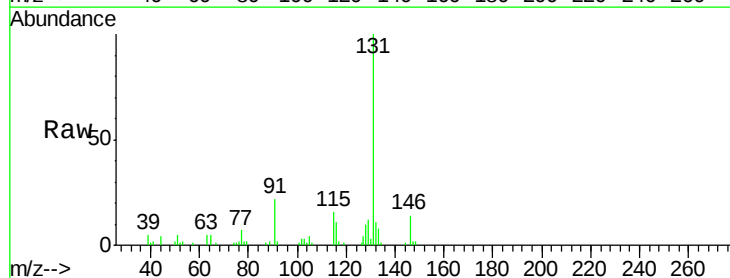
Tgt Ion: 75 Resp: 312

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

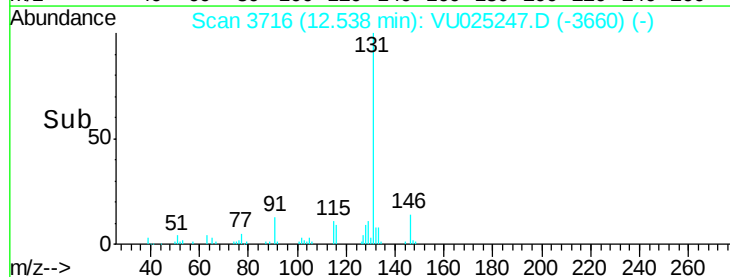
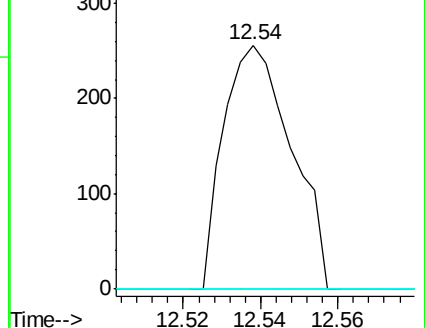
157 0.0 52.3 156.8#

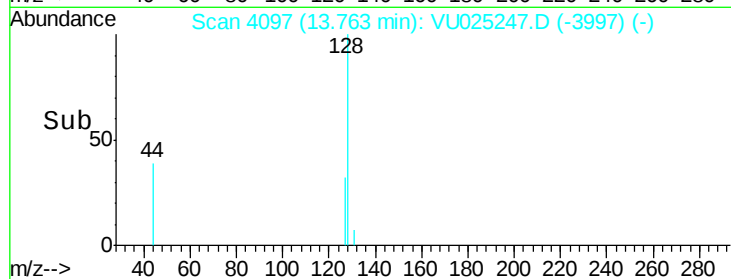
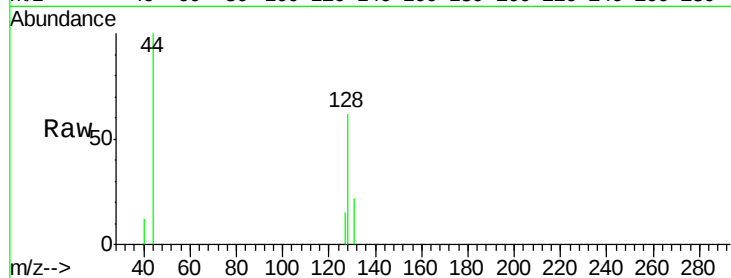
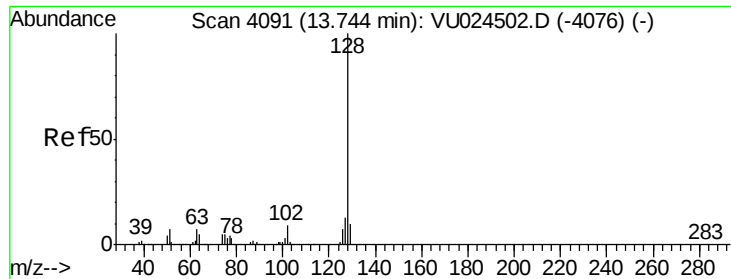


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.804 ug/l

RT: 13.76 min Scan# 4097

Delta R.T. 0.02 min

Lab File: VU025247.D

Acq: 06 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628

Tot Ion:128 Resp: 1377

Ion Ratio Lower Upper

128 100

127 9.3 10.6 16.0#

129 3.2 8.6 12.8#

