

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025212.D
 Acq On : 05 Jul 2018 13:47
 Operator : MD/SY
 Sample : J3808-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

Quant Time: Jul 06 05:12:24 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	210361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313221	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147596	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	156787	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	4.89	113	124784	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	7.57	98	446307	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	10.31	95	164230	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

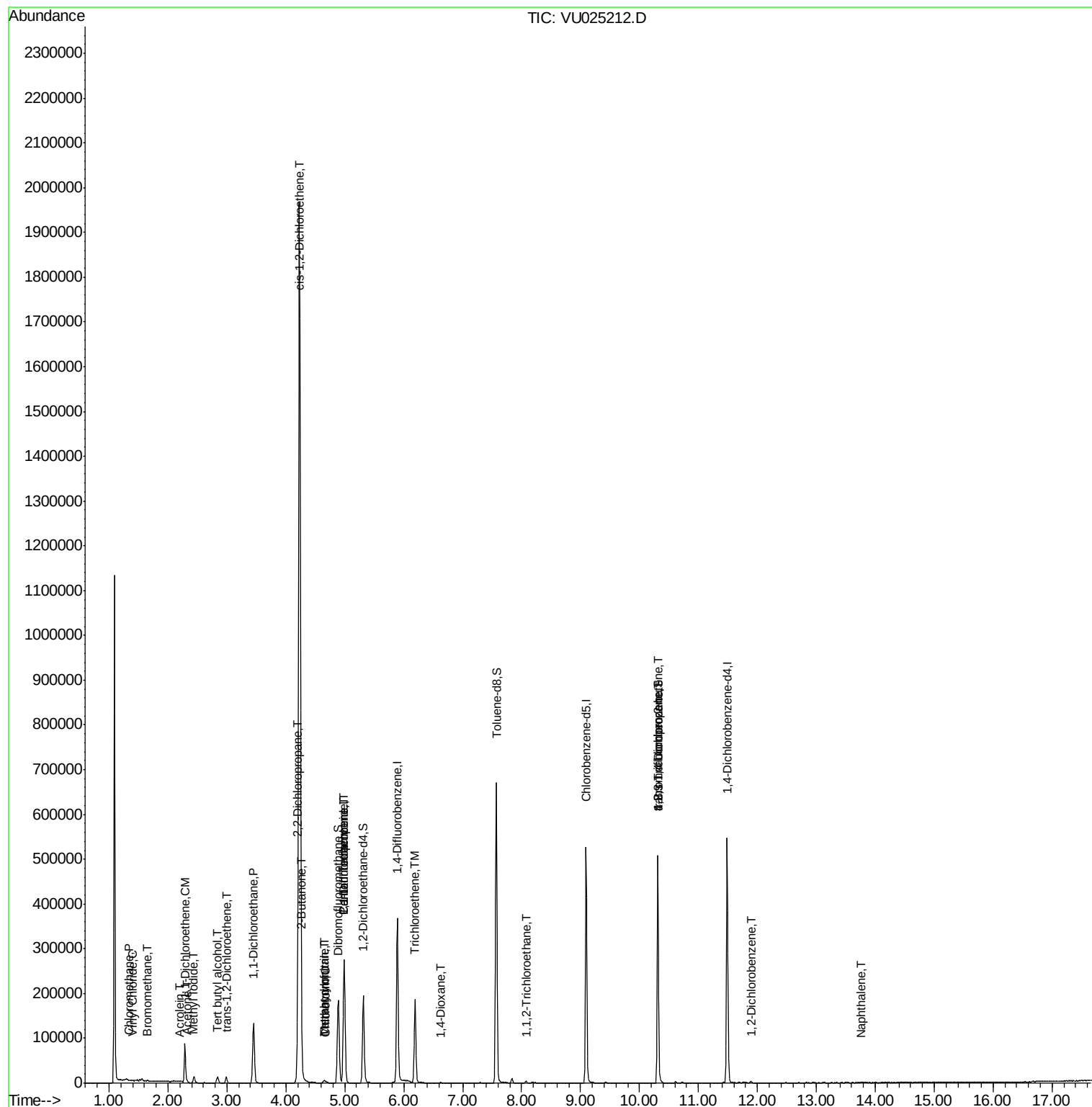
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	603	0.22	ug/l	93
4) Vinyl Chloride	1.40	62	599	0.22	ug/l	91
5) Bromomethane	1.63	94	387	0.29	ug/l #	60
6) Chloroethane	1.71	64	132	Below Cal	#	43
10) Methyl Iodide	2.42	142	241	5.39	ug/l #	82
11) Tert butyl alcohol	2.84	59	7923	9.49	ug/l #	73
12) 1,1-Dichloroethene	2.29	96	26244	10.96	ug/l	99
13) Acrolein	2.20	56	97	0.22	ug/l #	36
16) Acetone	2.33	43	5595	3.03	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	5444	2.06	ug/l	94
24) 1,1-Dichloroethane	3.45	63	146300	28.85	ug/l	99
25) 2-Butanone	4.27	43	496	0.20	ug/l #	22
26) 2,2-Dichloropropane	4.19	77	1034	0.21	ug/l #	53
27) cis-1,2-Dichloroethene	4.23	96	1094028	360.71	ug/l	89
29) Tetrahydrofuran	4.65	42	3867	2.52	ug/l	94
30) Chloroform	4.68	83	1215	0.24	ug/l	95
31) Cyclohexane	4.99	56	4136	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15313	4.16	ug/l #	51
38) Carbon Tetrachloride	4.99	117	20143	4.98	ug/l #	16
41) Methacrylonitrile	4.65	41	2224	1.03	ug/l #	36
44) Trichloroethene	6.19	130	65673	22.00	ug/l	94
49) 1,4-Dioxane	6.63	88	503	7.62	ug/l #	43
55) 1,1,2-Trichloroethane	8.07	97	1425	0.52	ug/l	89
76) 1,2,3-Trichloropropane	10.31	75	84942	26.14	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	84942	60.50	ug/l #	100
91) 1,2-Dichlorobenzene	11.89	146	1798	0.34	ug/l	93
95) Naphthalene	13.77	128	1296	0.80	ug/l #	80

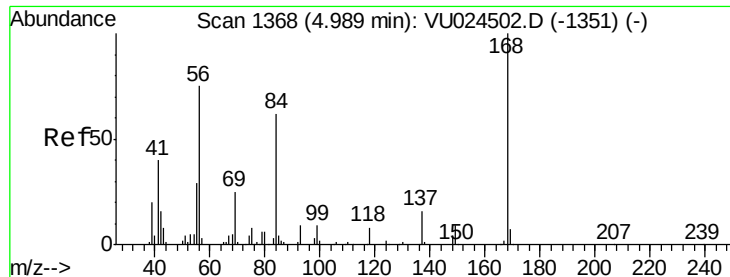
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
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Acq On : 05 Jul 2018 13:47
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 06 05:12:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

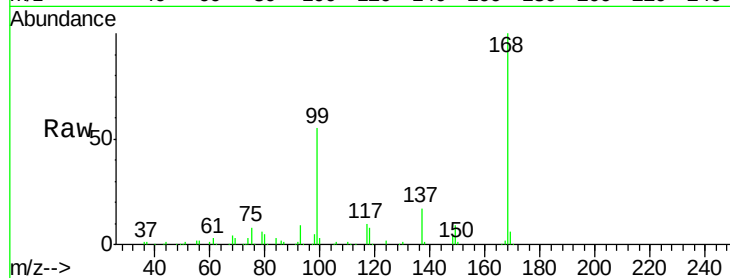
WP021MW463-180627

Tot Ion:168 Resp: 210361

Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025212.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025212.D (-1275) (-)

4.99

100000

80000

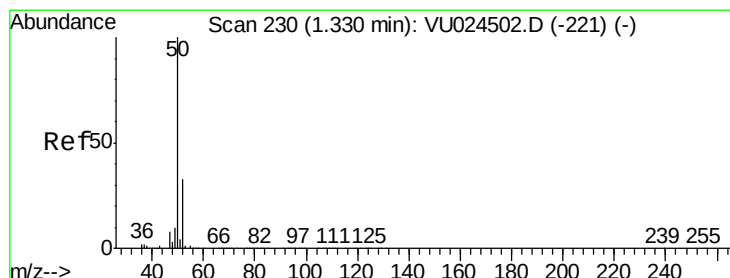
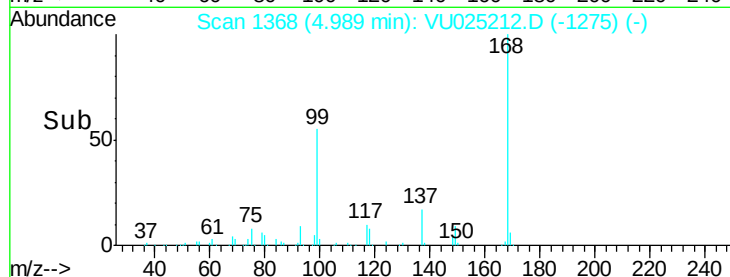
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025212.D

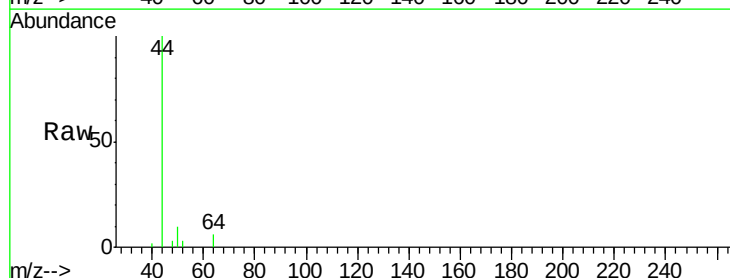
Acq: 05 Jul 2018 13:47

Tgt Ion: 50 Resp: 603

Ion Ratio Lower Upper

50 100

52 29.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025212.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025212.D (-137) (-)

1.33

600

500

400

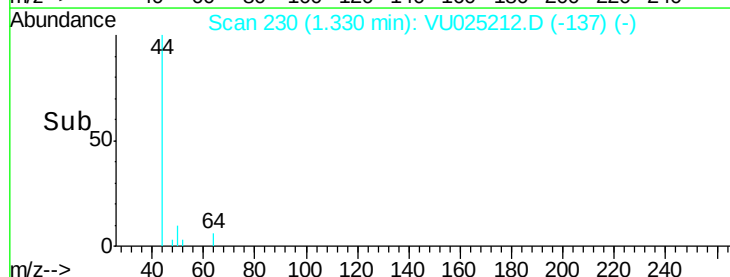
300

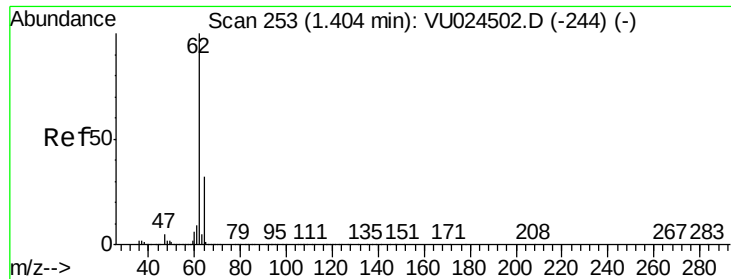
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 0.22 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

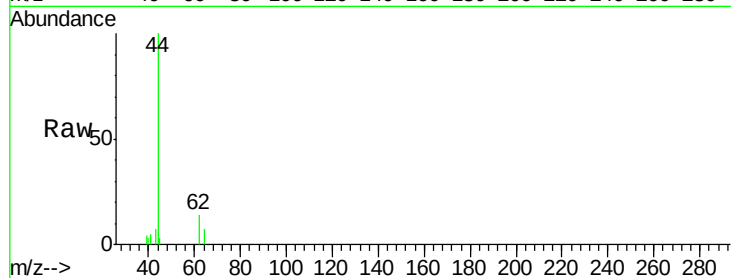
WP021MW463-180627

Tot Ion: 62 Resp: 599

Ion Ratio Lower Upper

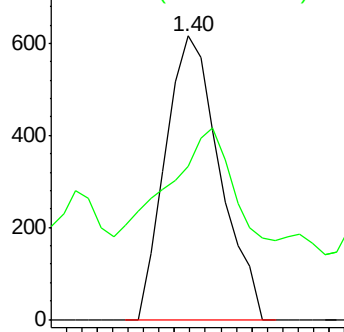
62 100

64 26.1 24.8 37.2

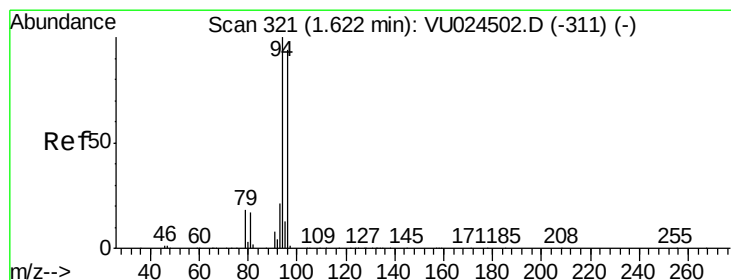
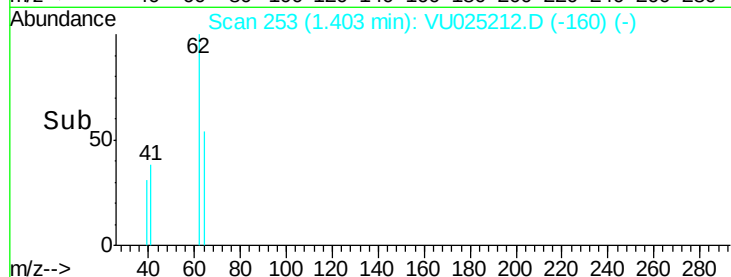


Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



Time-->



#5

Bromomethane

Concen: 0.29 ug/l

RT: 1.63 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025212.D

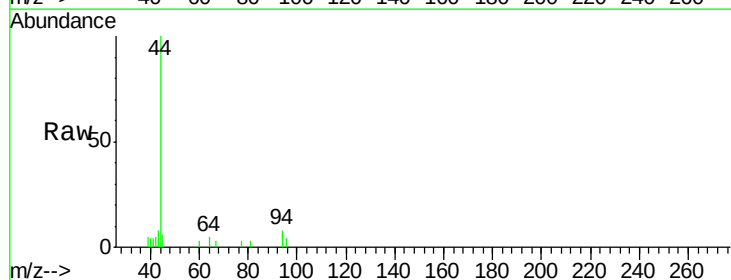
Acq: 05 Jul 2018 13:47

Tgt Ion: 94 Resp: 387

Ion Ratio Lower Upper

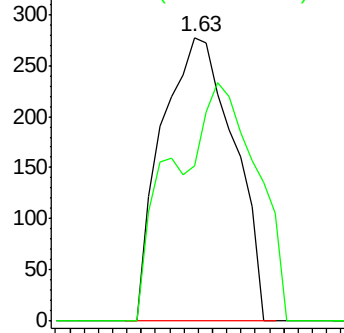
94 100

96 54.7 74.5 111.7#

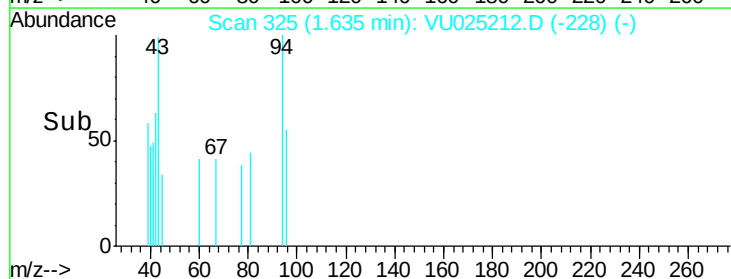


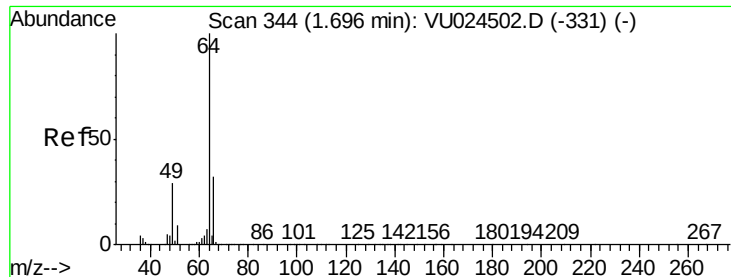
Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

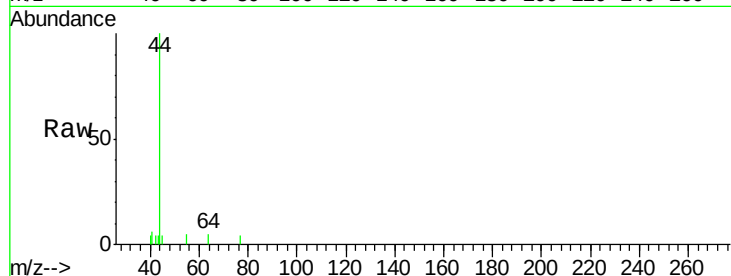
WP021MW463-180627

Tot Ion: 64 Resp: 132

Ion Ratio Lower Upper

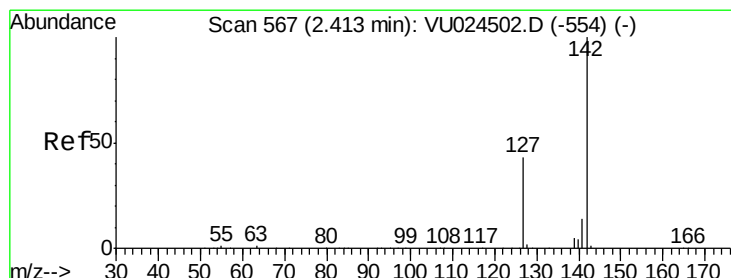
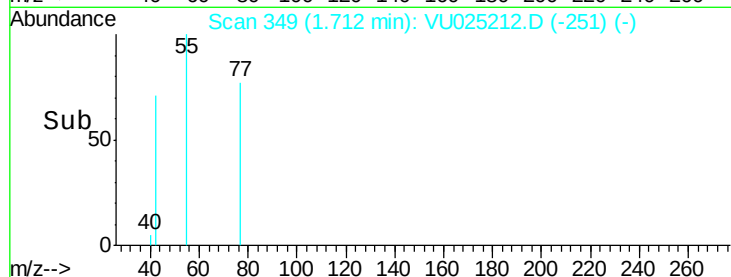
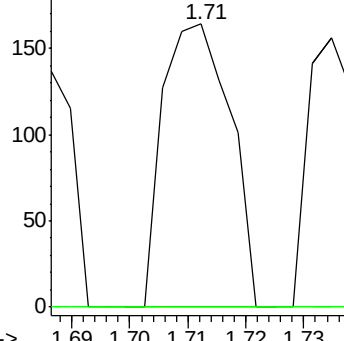
64 100

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: 5.39 ug/l

RT: 2.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

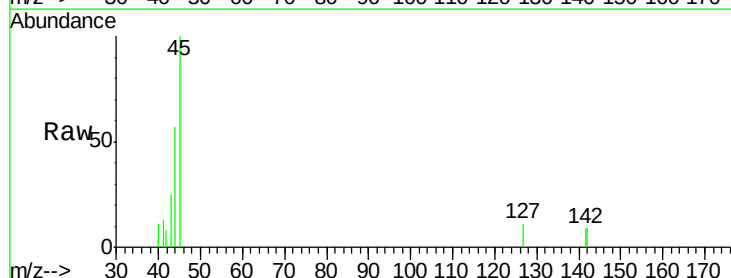
Tgt Ion: 142 Resp: 241

Ion Ratio Lower Upper

142 100

127 52.3 35.6 53.4

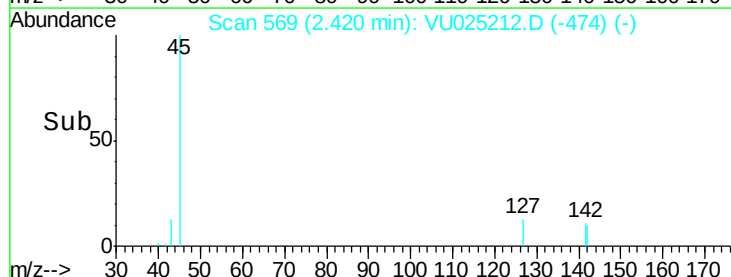
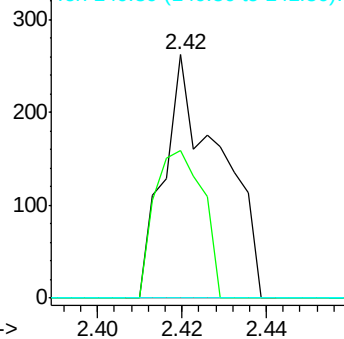
141 0.0 11.7 17.5#

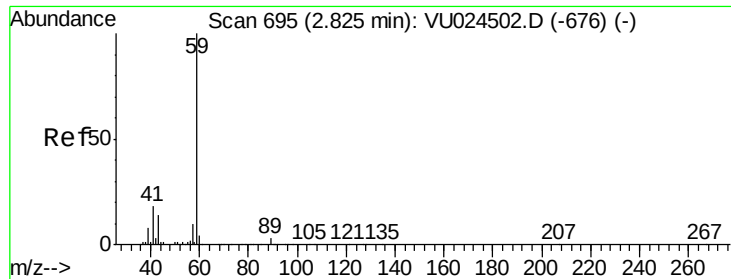


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

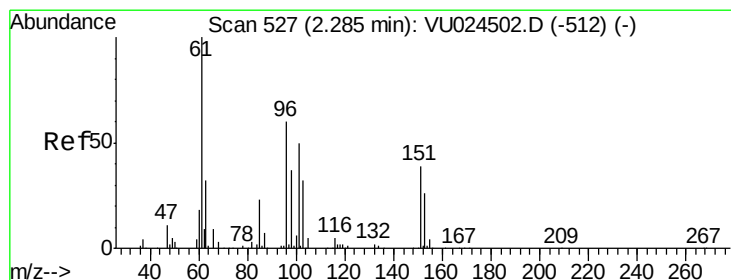
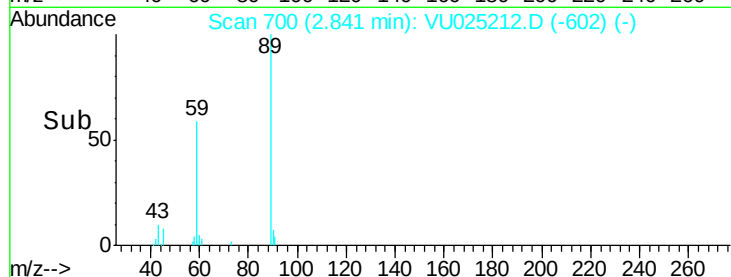
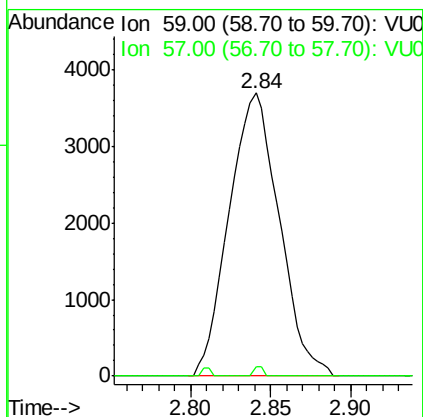
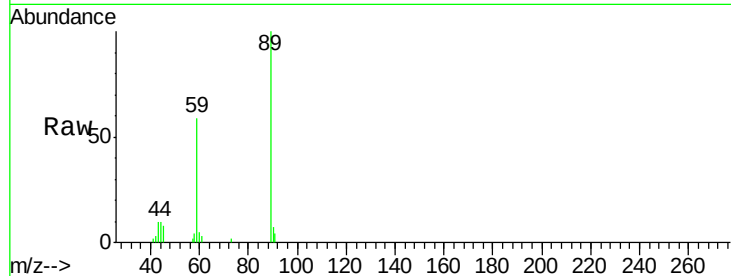




#11
Tert butyl alcohol
Concen: 9.49 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

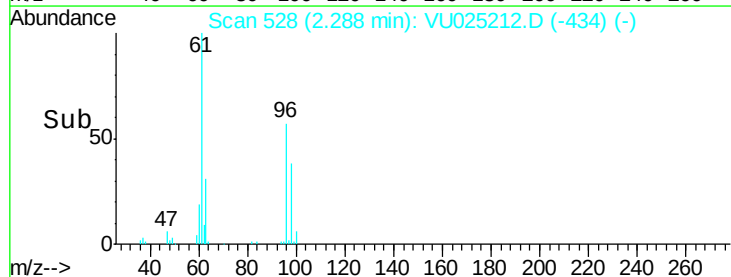
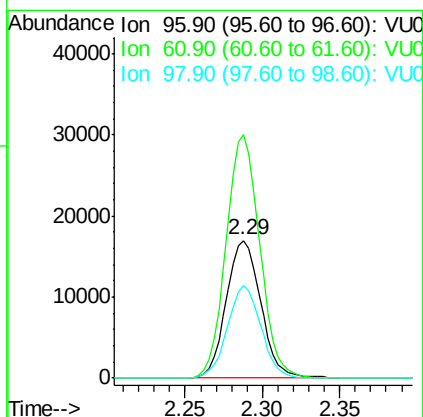
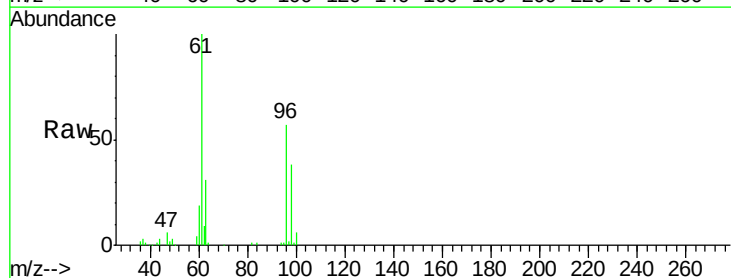
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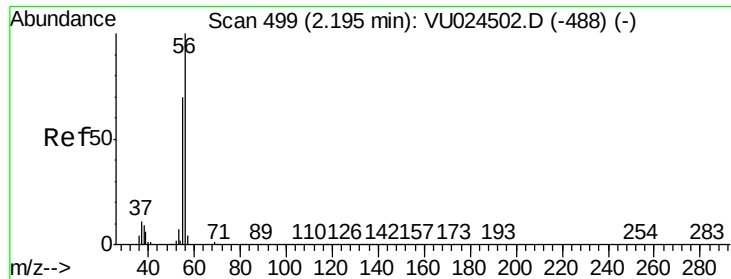
Tot Ion: 59 Resp: 7923
Ion Ratio Lower Upper
59 100
57 0.6 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 10.96 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

Tgt Ion: 96 Resp: 26244
Ion Ratio Lower Upper
96 100
61 176.7 141.7 212.5
98 67.0 51.6 77.4

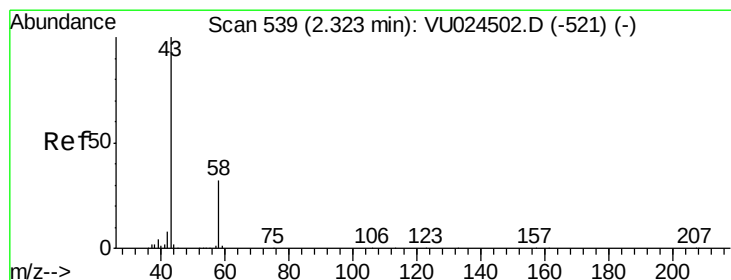
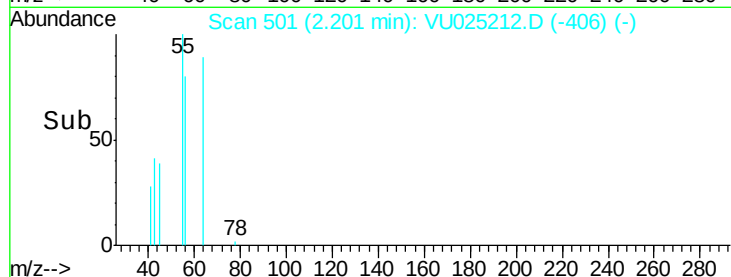
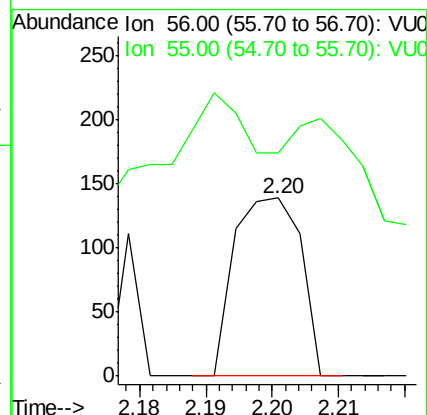
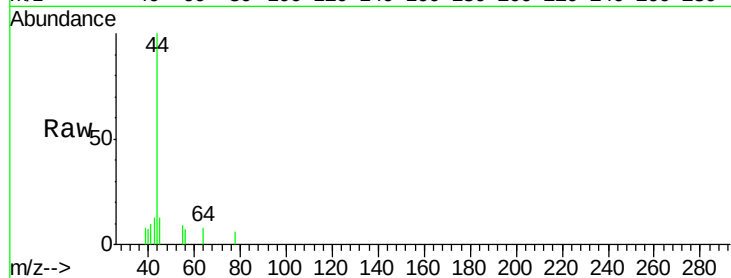




#13
Acrolein
Concen: 0.22 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

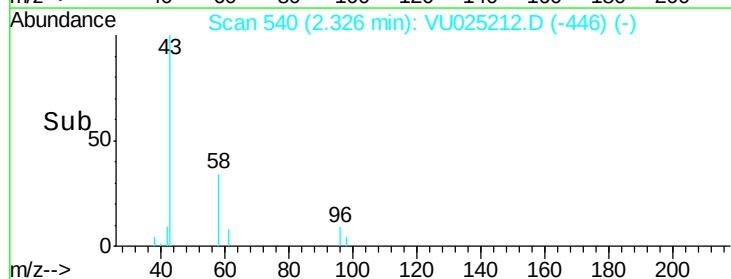
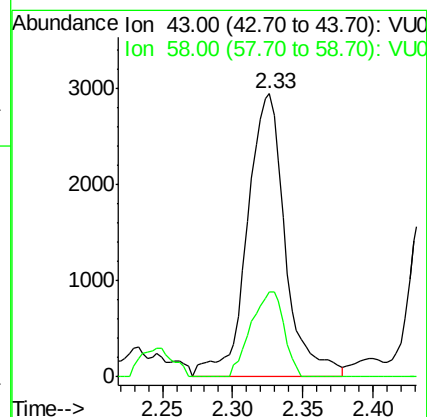
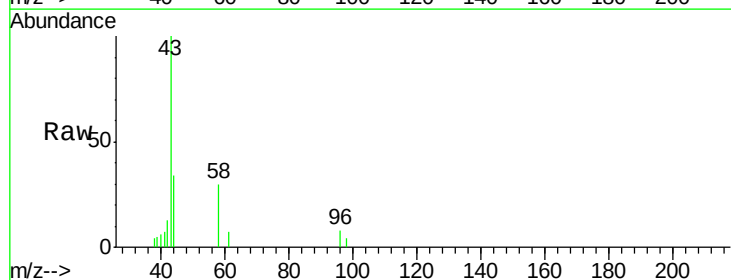
Instrument :
MSVOA_U
ClientSampleId :
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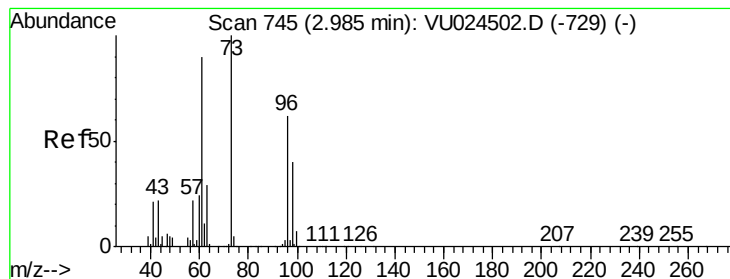
Tot Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 126.8 58.4 87.6#



#16
Acetone
Concen: 3.03 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

Tgt Ion: 43 Resp: 5595
Ion Ratio Lower Upper
43 100
58 30.1 24.4 36.6





#21

trans-1,2-Dichloroethene

Concen: 2.06 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

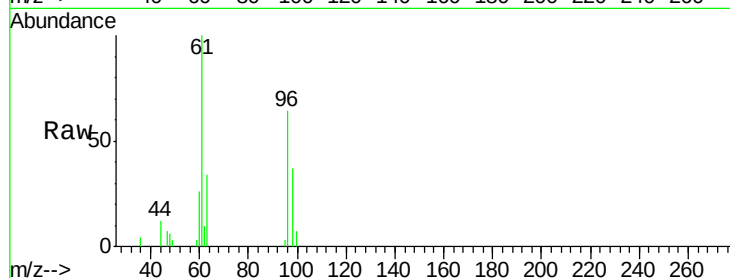
Tot Ion: 96 Resp: 5444

Ion Ratio Lower Upper

96 100

61 155.7 119.4 179.0

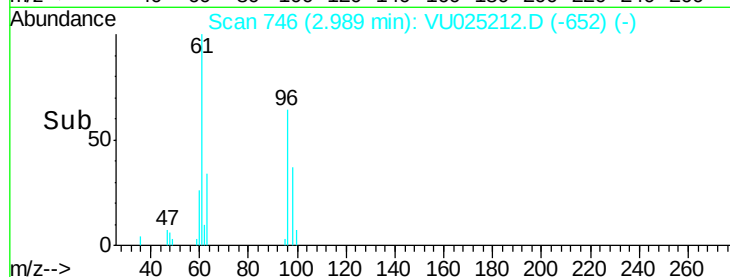
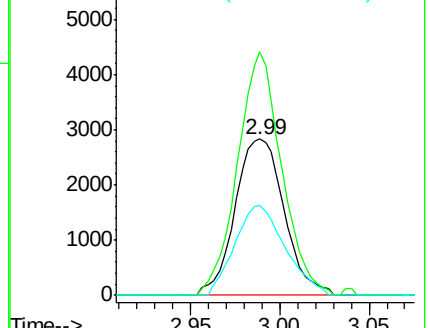
98 57.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#24

1,1-Dichloroethane

Concen: 28.85 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

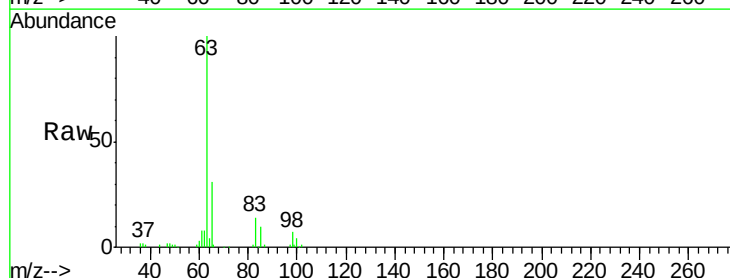
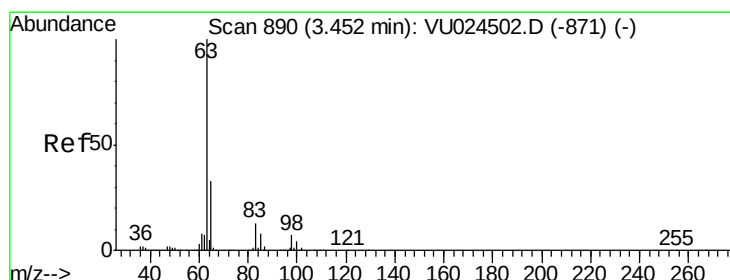
Tgt Ion: 63 Resp: 146300

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

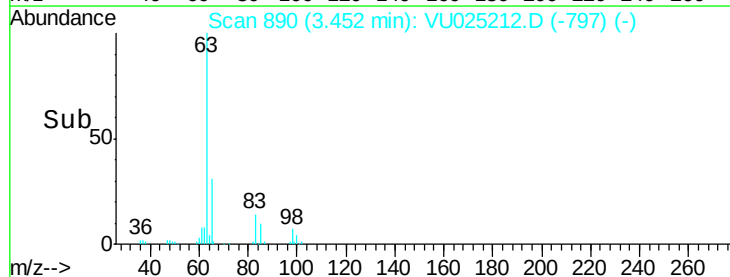
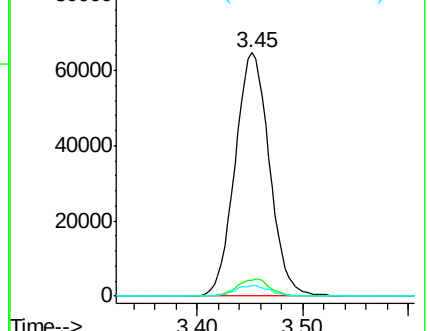
100 4.2 1.8 5.5

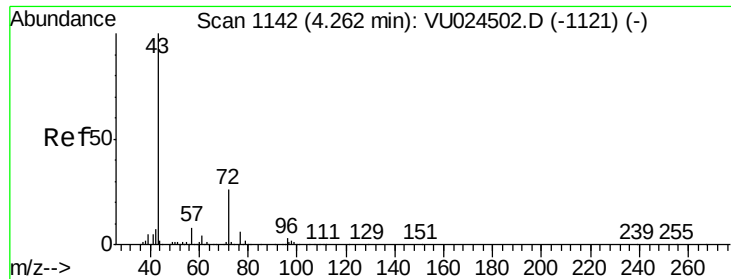


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 0.20 ug/l

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

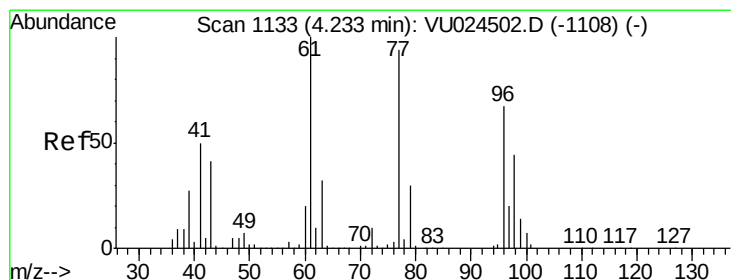
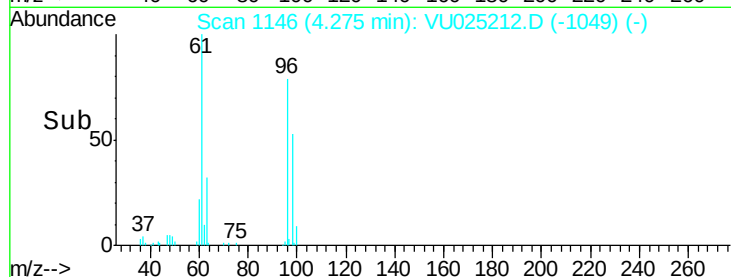
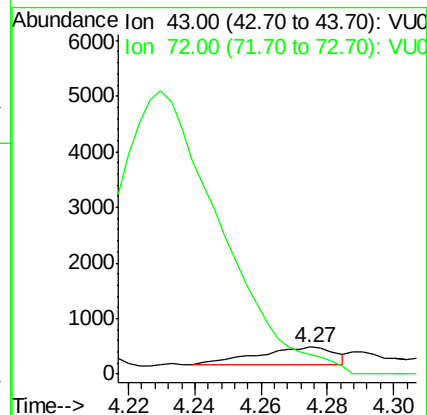
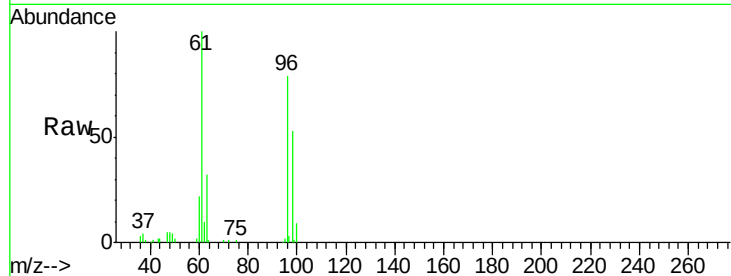
WP021MW463-180627

Tot Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

72 63.3 19.6 29.4#



#26

2,2-Dichloropropane

Concen: 0.21 ug/l

RT: 4.19 min Scan# 1121

Delta R.T. -0.04 min

Lab File: VU025212.D

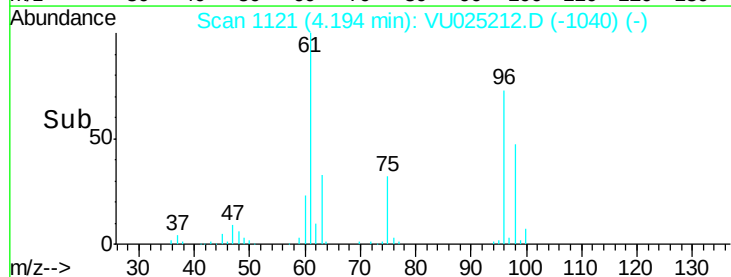
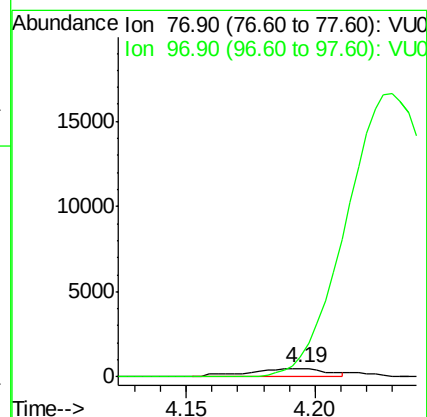
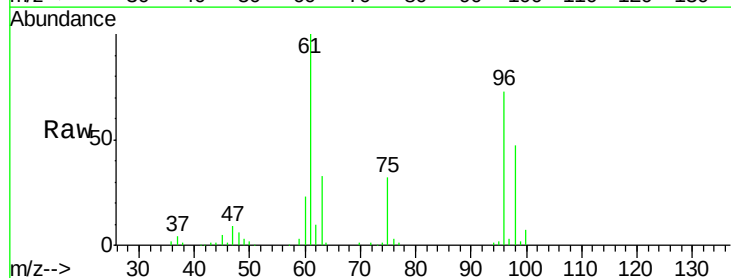
Acq: 05 Jul 2018 13:47

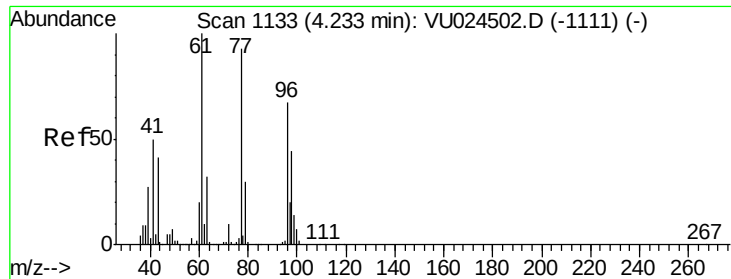
Tgt Ion: 77 Resp: 1034

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#

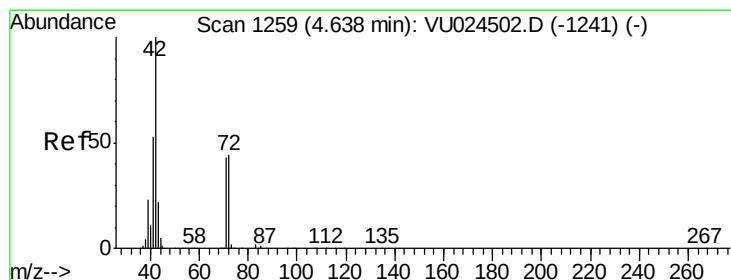
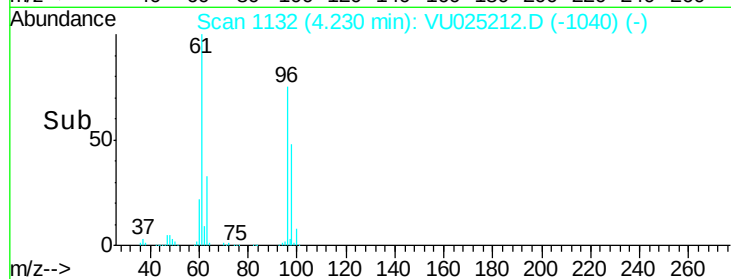
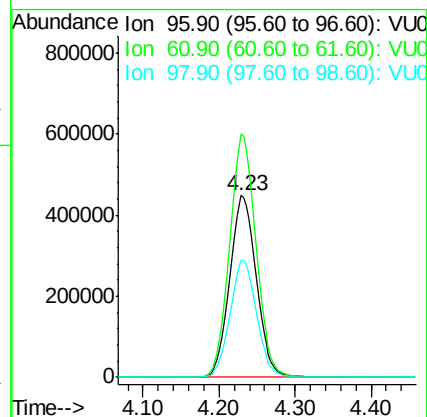
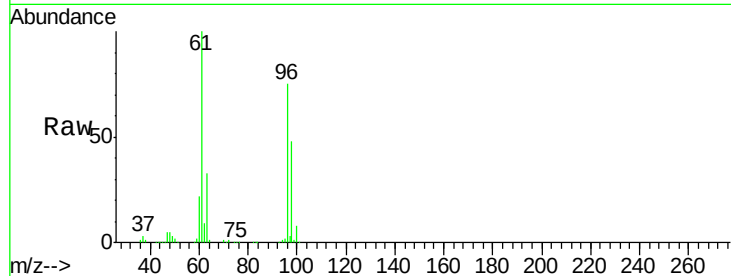




#27
 cis-1,2-Dichloroethene
 Concen: 360.71 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

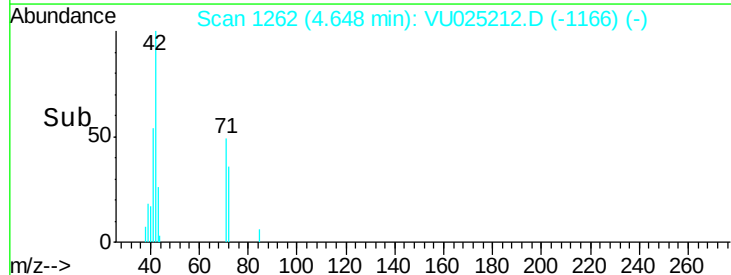
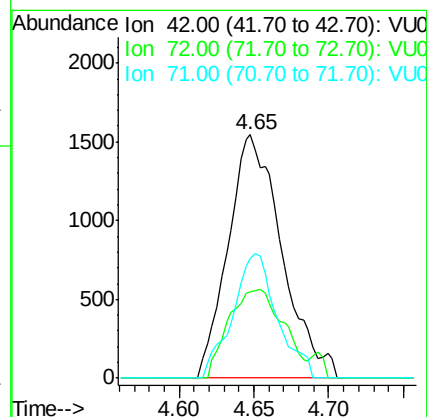
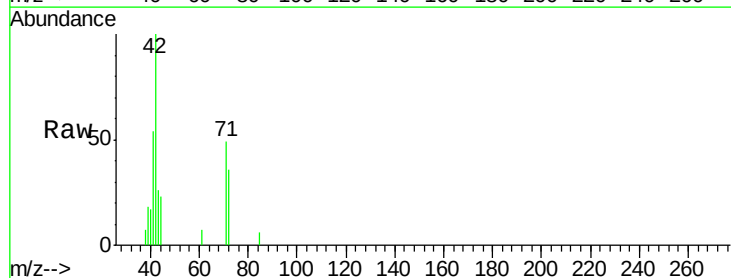
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

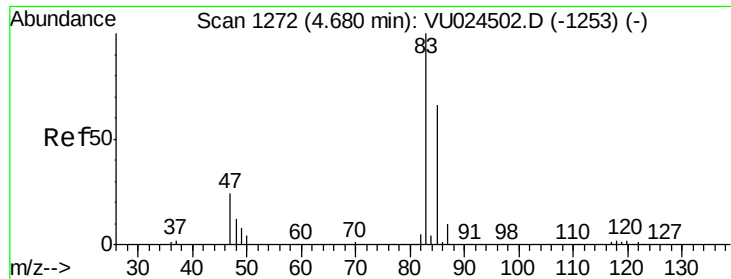
Tot Ion: 96 Resp: 1094028
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 306.6
 98 64.3 0.0 128.8



#29
 Tetrahydrofuran
 Concen: 2.52 ug/l
 RT: 4.65 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Tgt Ion: 42 Resp: 3867
 Ion Ratio Lower Upper
 42 100
 72 37.5 34.5 51.7
 71 42.4 32.2 48.4

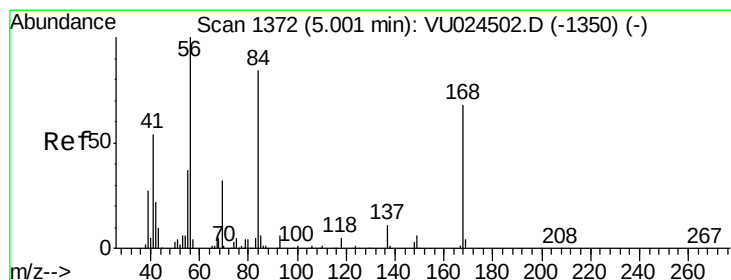
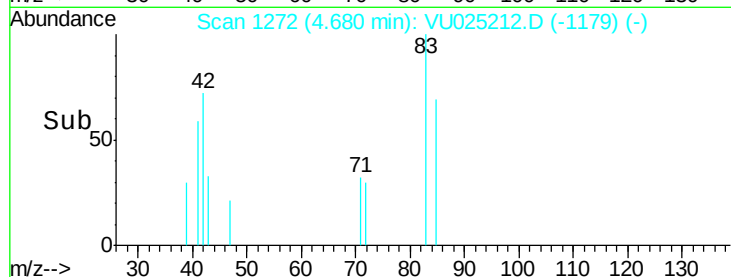
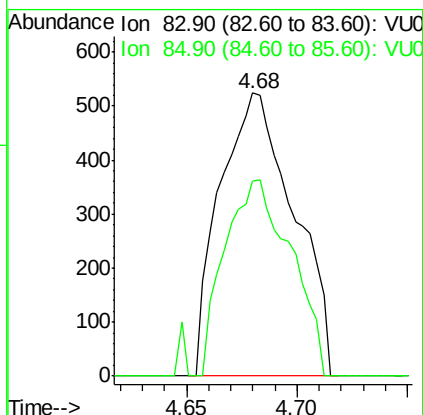
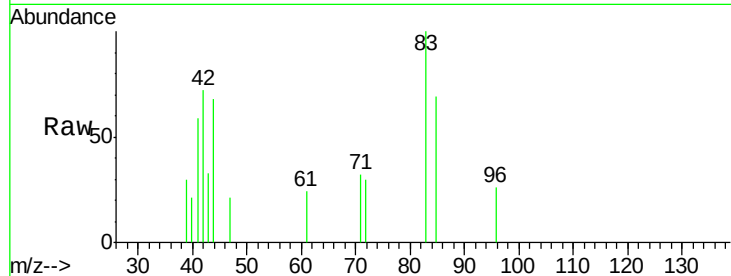




#30
Chloroform
Concen: 0.24 ua/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

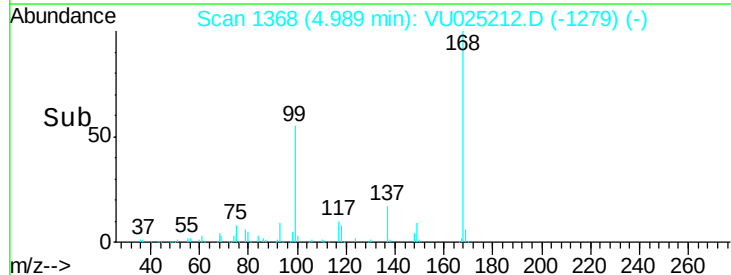
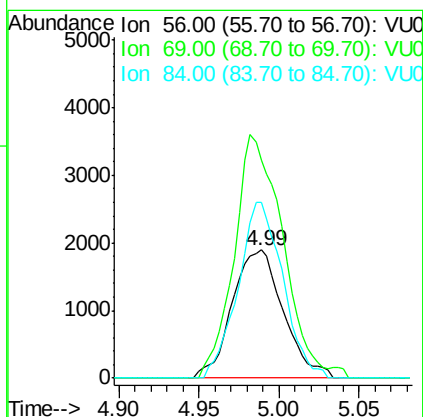
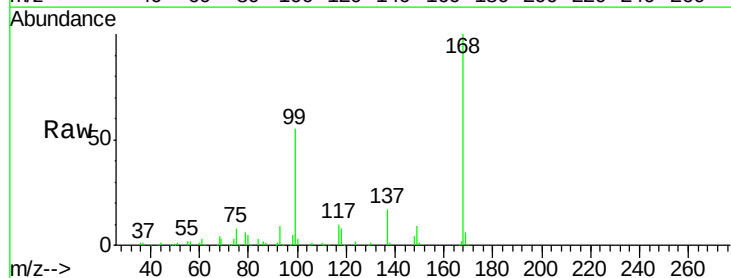
Instrument :
MSVOA_U
ClientSampleId :
WP021MW463-180627

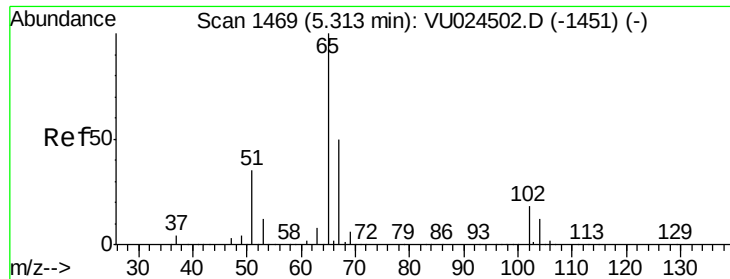
Tot Ion: 83 Resp: 1215
Ion Ratio Lower Upper
83 100
85 69.1 52.4 78.6



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

Tgt Ion: 56 Resp: 4136
Ion Ratio Lower Upper
56 100
69 170.0 24.8 37.2#
84 137.4 65.2 97.8#

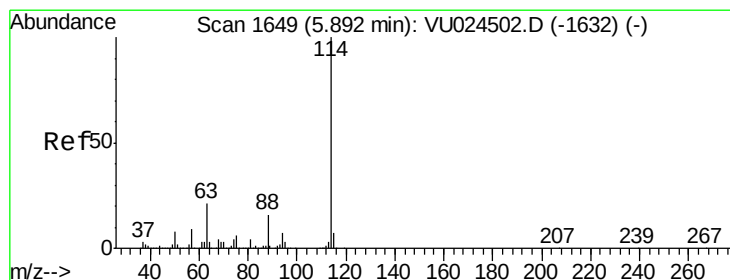
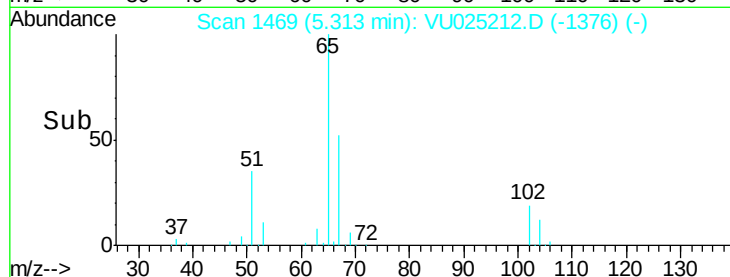
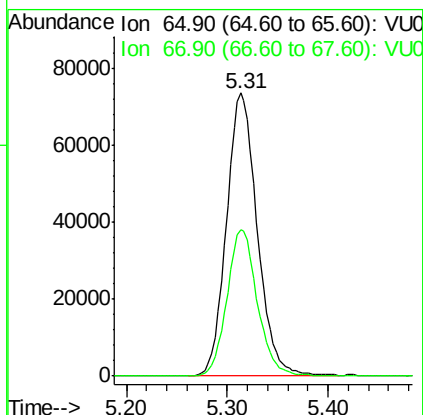
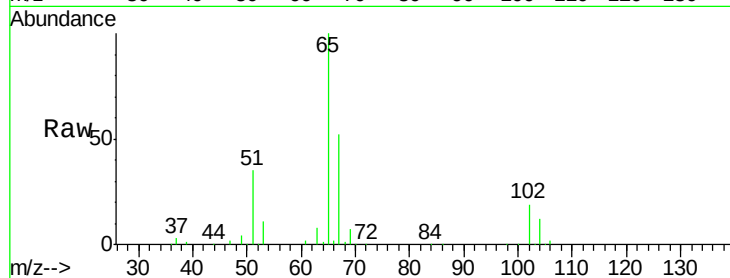




#33
 1,2-Dichloroethane-d4
 Concen: 45.65 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

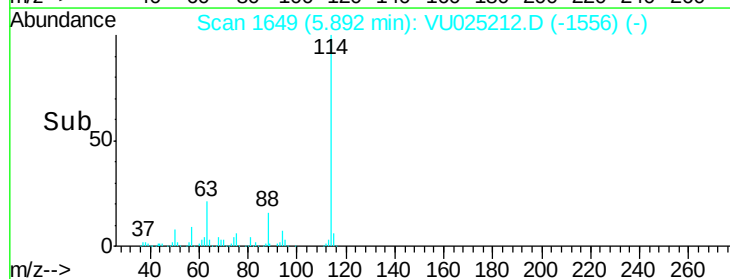
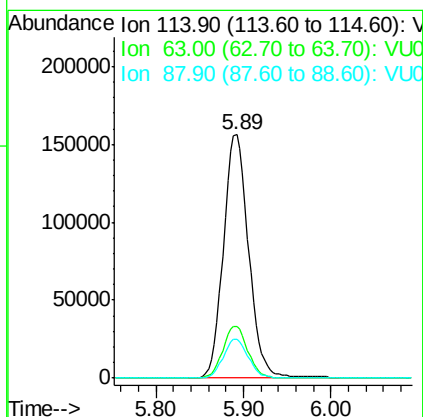
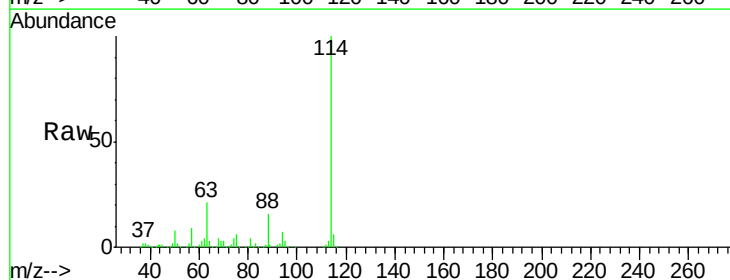
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

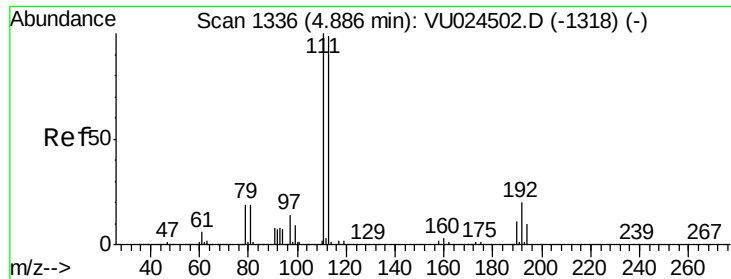
Tot Ion: 65 Resp: 156787
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Tgt Ion: 114 Resp: 313221
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

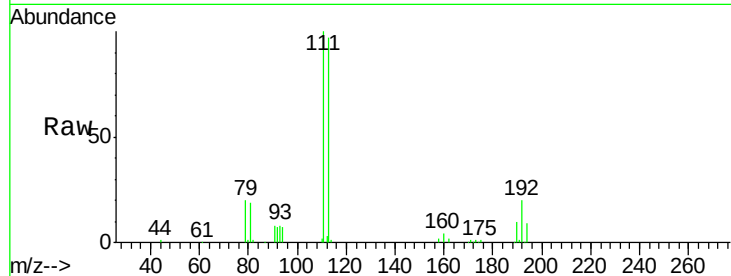
Tot Ion:113 Resp: 124784

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

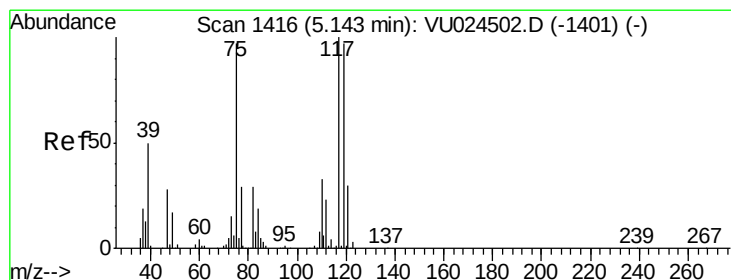
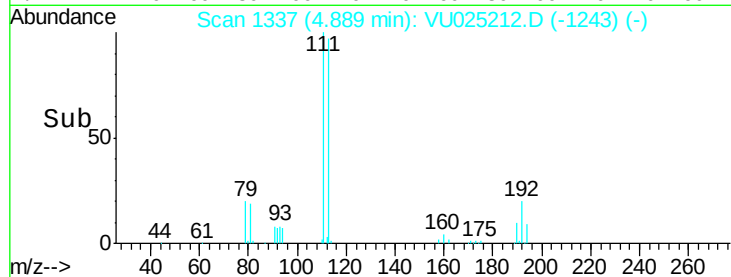
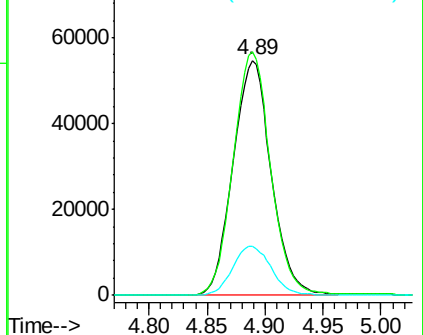
192 21.2 16.2 24.4



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: 4.16 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

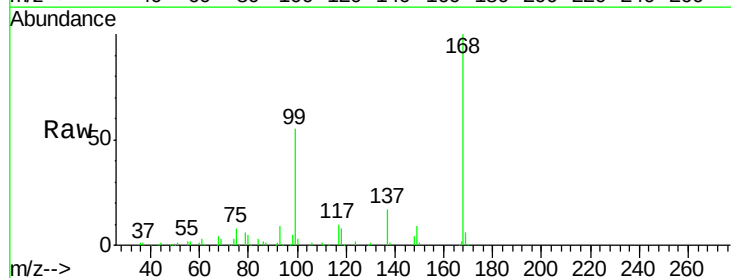
Tgt Ion: 75 Resp: 15313

Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

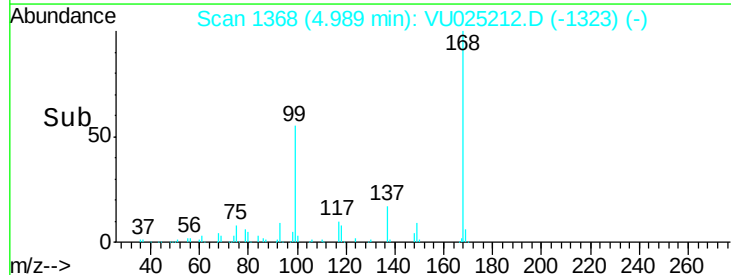
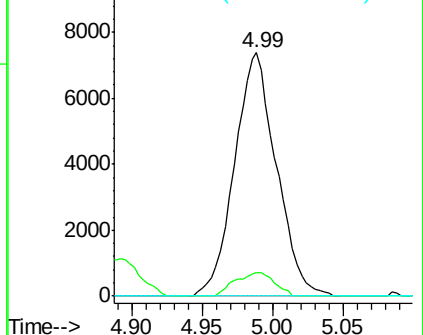
77 0.0 24.2 36.4#

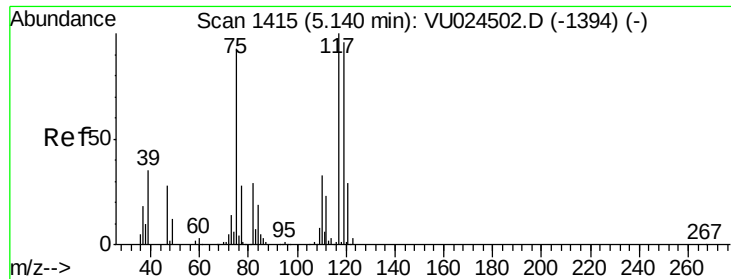


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.98 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

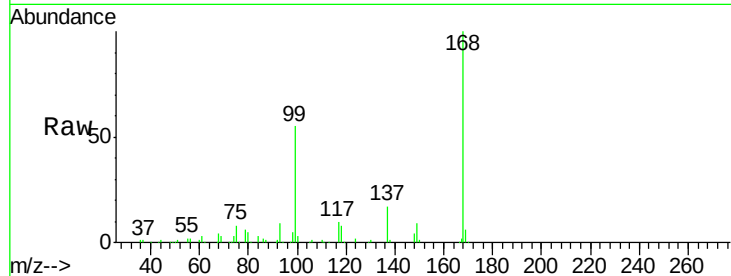
Tot Ion:117 Resp: 20143

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

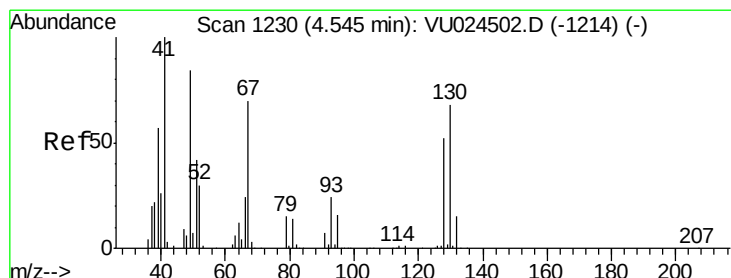
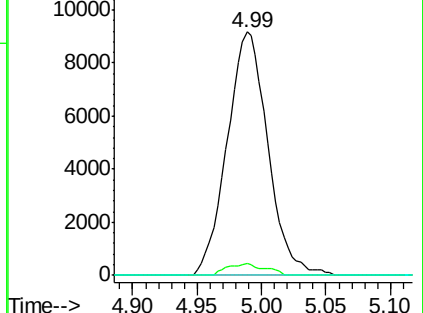
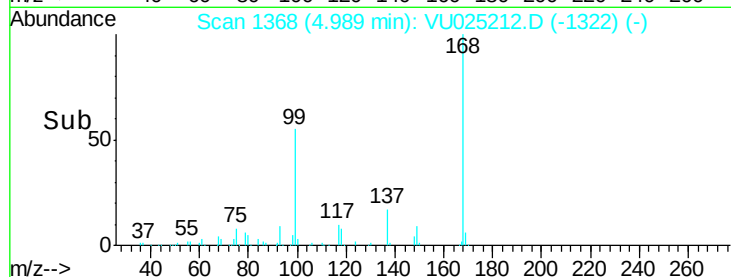
121 0.0 23.7 35.5#



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



#41

Methacrylonitrile

Concen: 1.03 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.11 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Tgt Ion: 41 Resp: 2224

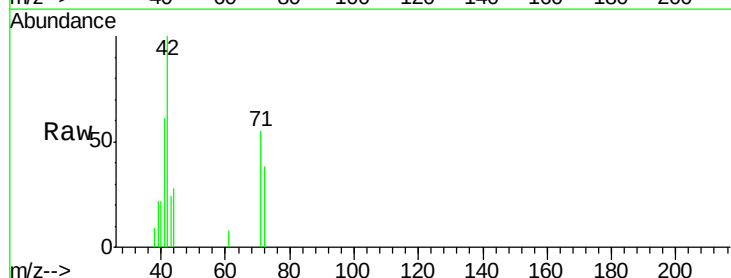
Ion Ratio Lower Upper

41 100

39 25.3 43.8 65.6#

67 0.0 56.3 84.5#

52 0.0 23.2 34.8#

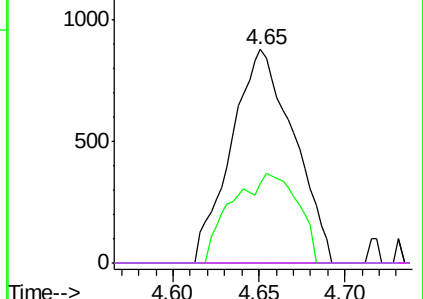
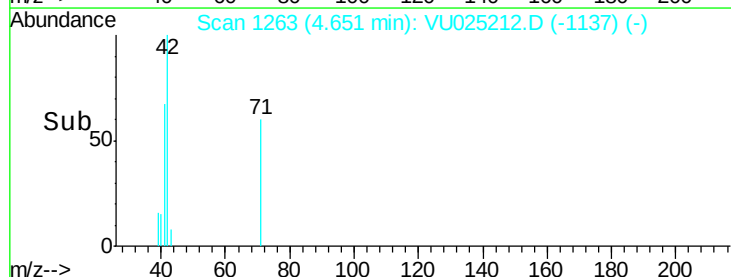


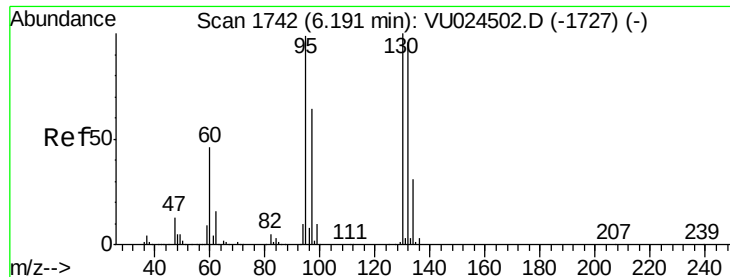
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#44

Trichloroethene

Concen: 22.00 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

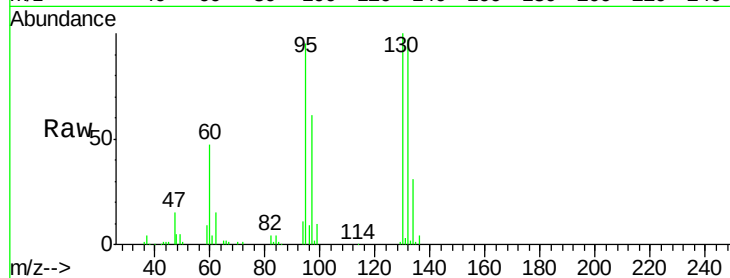
WP021MW463-180627

Tot Ion:130 Resp: 65673

Ion Ratio Lower Upper

130 100

95 95.0 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

40000

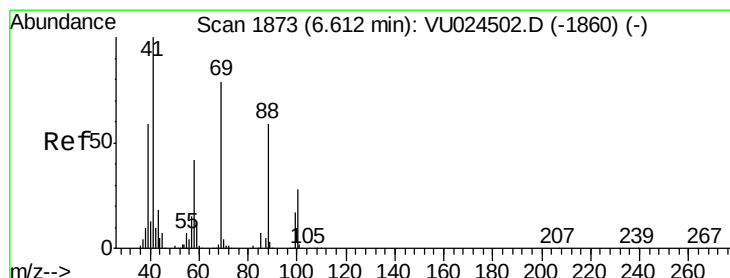
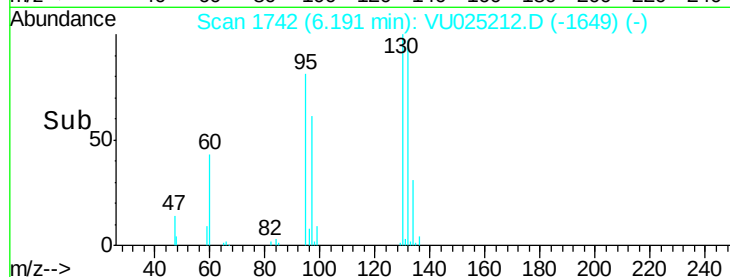
30000

20000

10000

0

Time--> 6.10 6.15 6.20 6.25 6.30



#49

1,4-Dioxane

Concen: 7.62 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

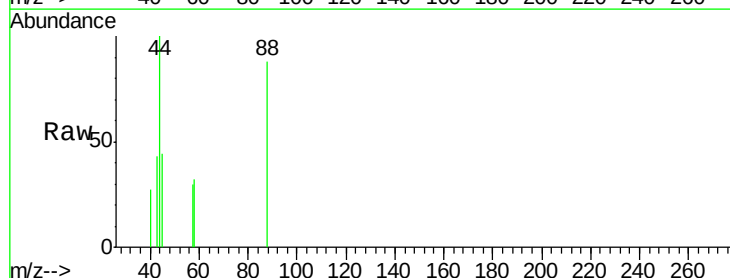
Tgt Ion: 88 Resp: 503

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 26.4 58.2 87.4#



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

6.63

400

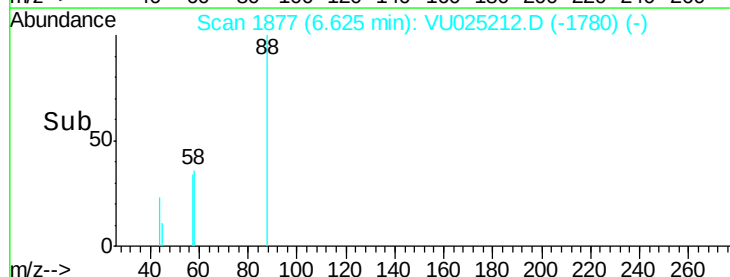
300

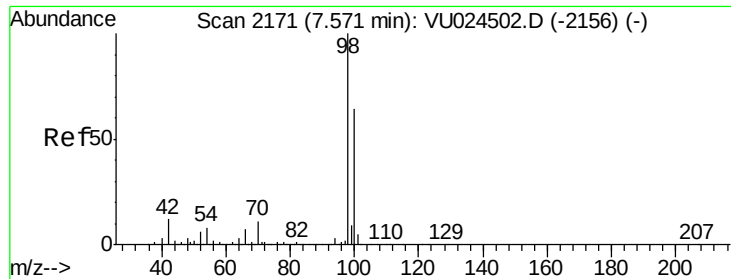
200

100

0

Time--> 6.58 6.60 6.62 6.64 6.66

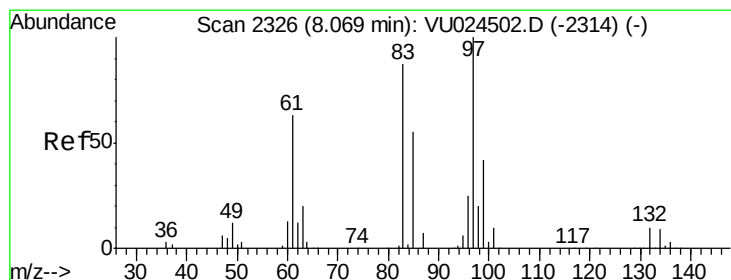
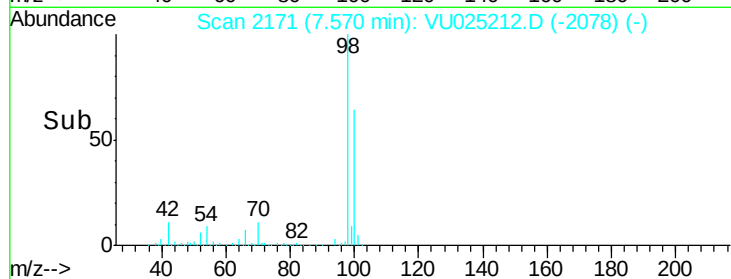
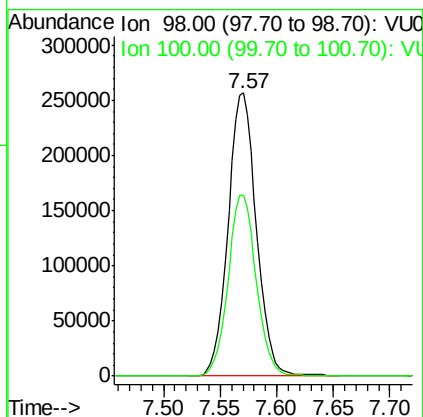
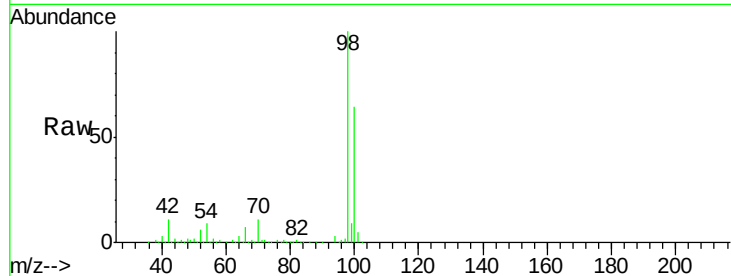




#50
Toluene-d8
Concen: 47.07 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

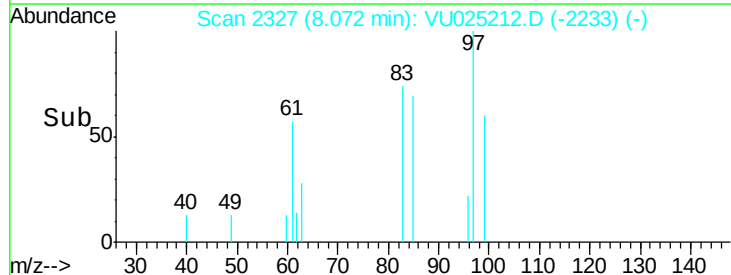
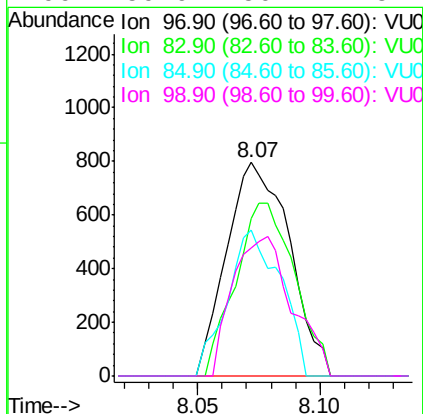
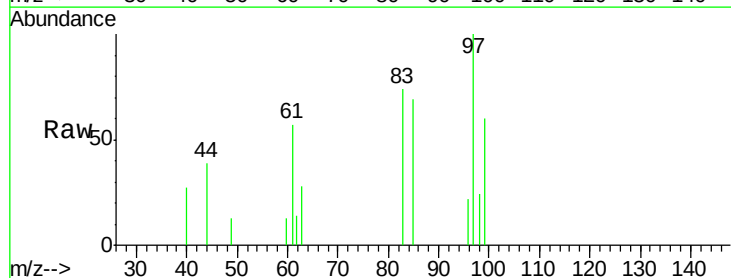
Instrument :
MSVOA_U
ClientSampleId :
WP021MW463-180627

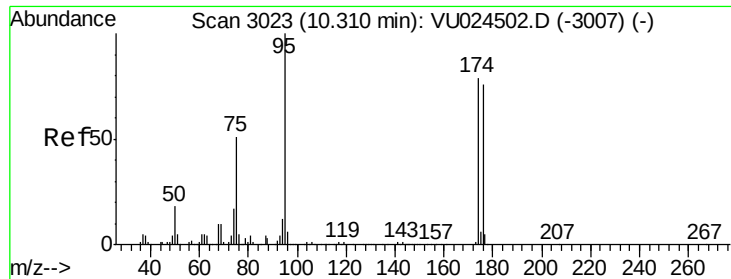
Tot Ion: 98 Resp: 446307
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#55
1,1,2-Trichloroethane
Concen: 0.52 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU025212.D
Acq: 05 Jul 2018 13:47

Tgt Ion: 97 Resp: 1425
Ion Ratio Lower Upper
97 100
83 74.0 70.5 105.7
85 68.6 46.4 69.6
99 59.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 43.62 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

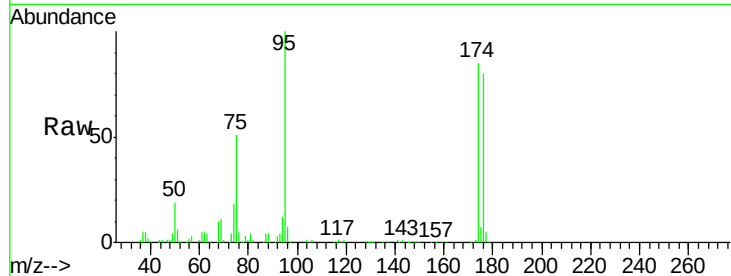
Tot Ion: 95 Resp: 164230

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

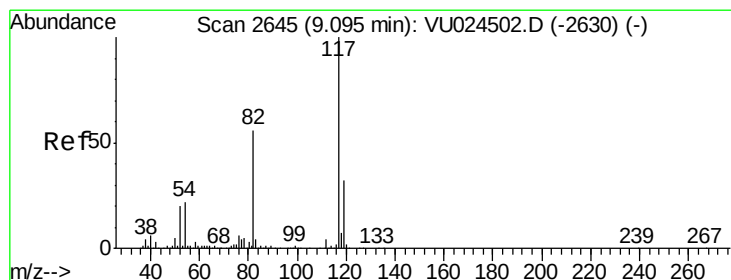
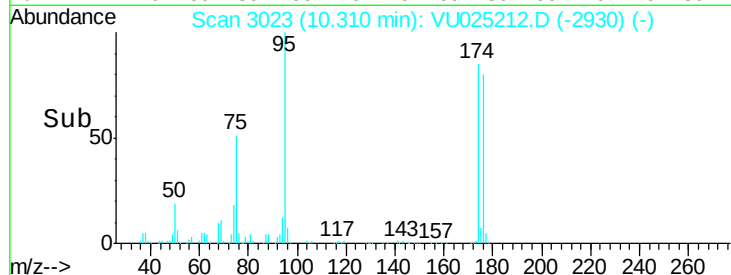
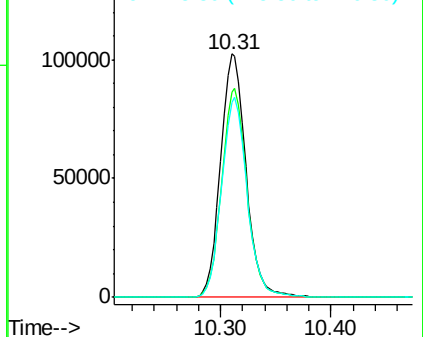
176 82.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025212.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025212.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025212.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

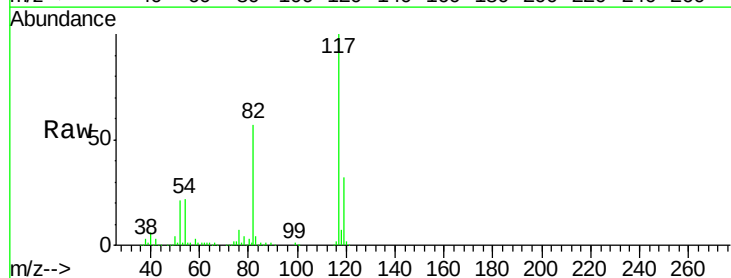
Tgt Ion: 117 Resp: 288071

Ion Ratio Lower Upper

117 100

82 57.4 44.3 66.5

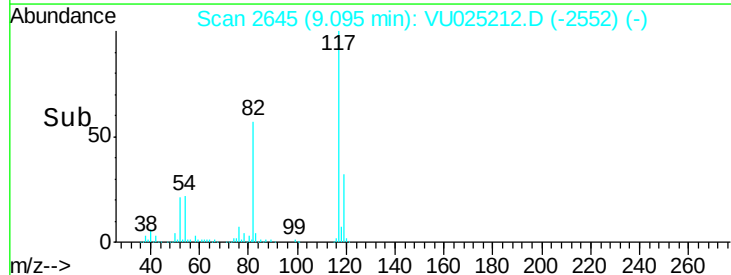
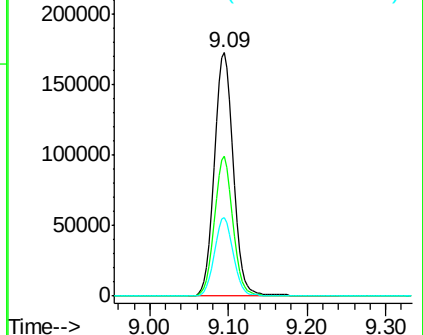
119 32.4 25.4 38.2

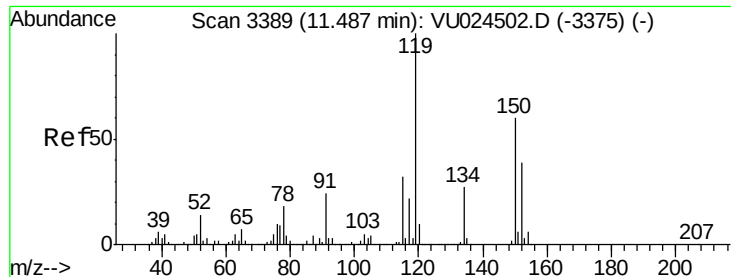


Abundance Ion 116.90 (116.60 to 117.60): VU025212.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025212.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025212.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

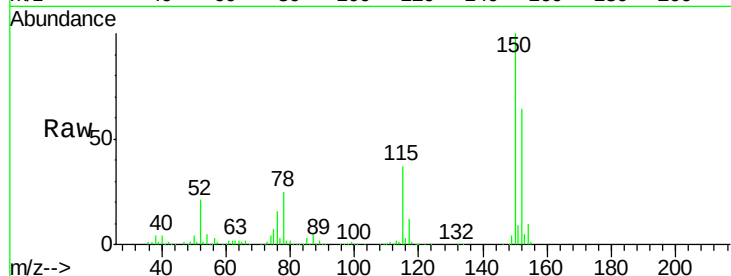
Tot Ion:152 Resp: 147596

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

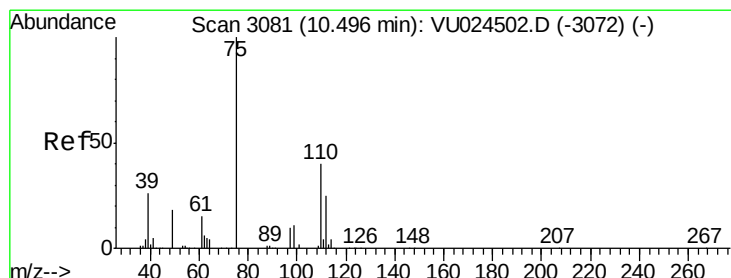
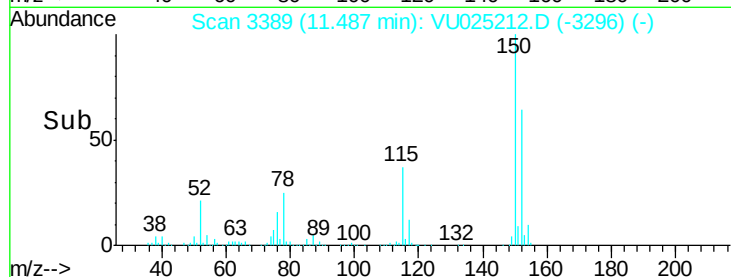
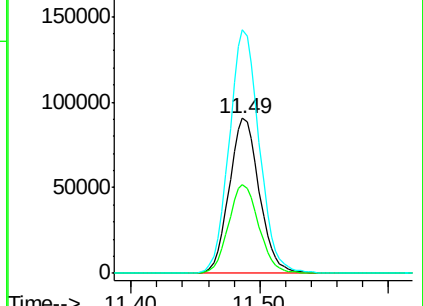
150 156.1 0.0 354.0



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



#76

1,2,3-Trichloropropane

Concen: 26.14 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025212.D

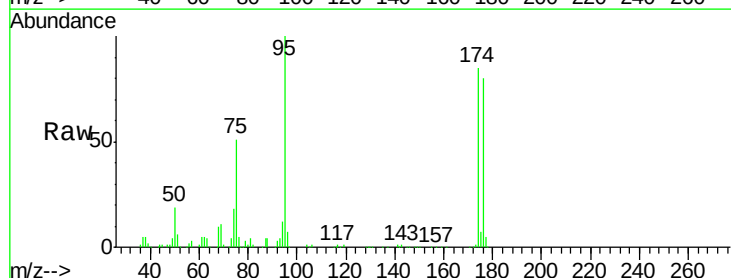
Acq: 05 Jul 2018 13:47

Tgt Ion: 75 Resp: 84942

Ion Ratio Lower Upper

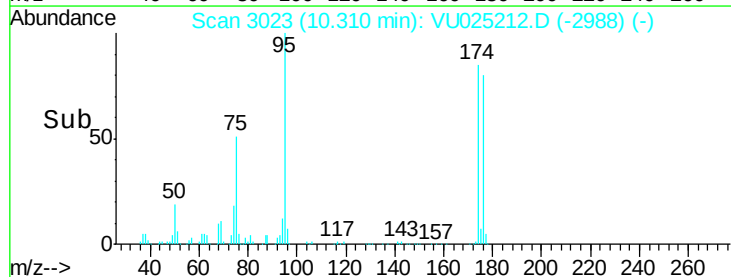
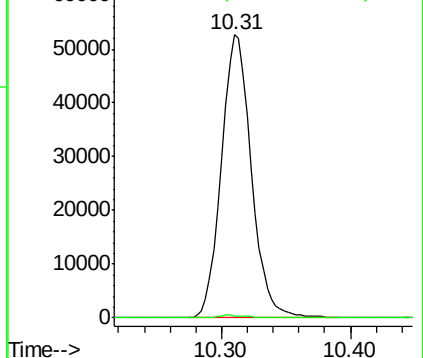
75 100

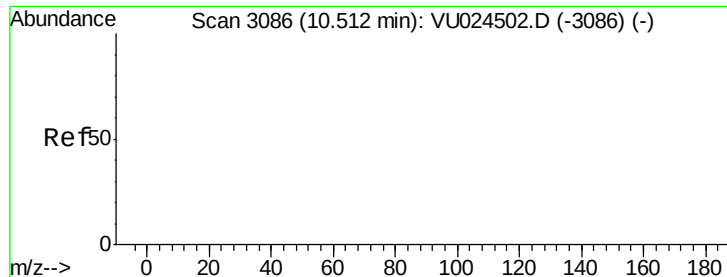
77 0.8 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

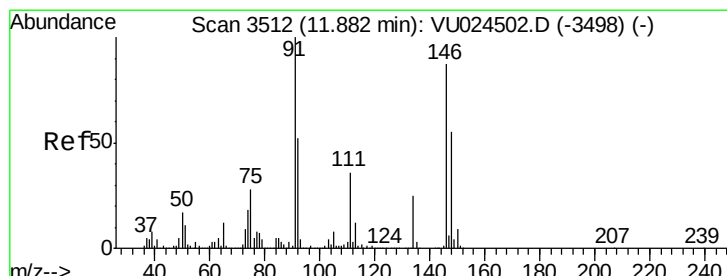
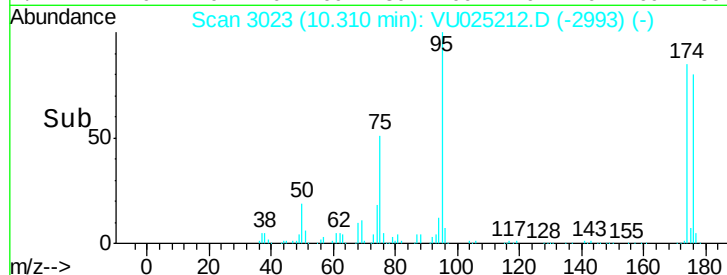
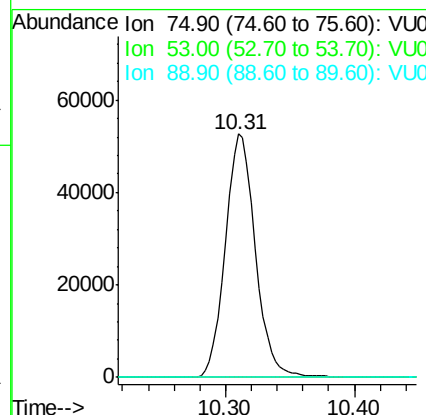
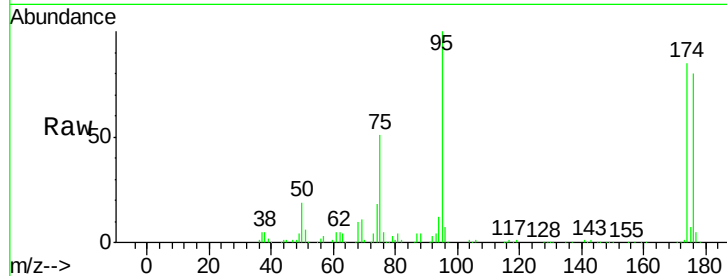




#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.50 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

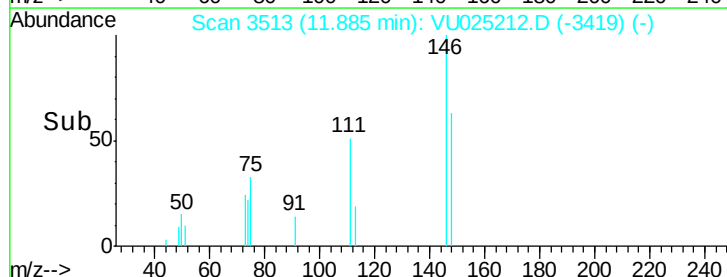
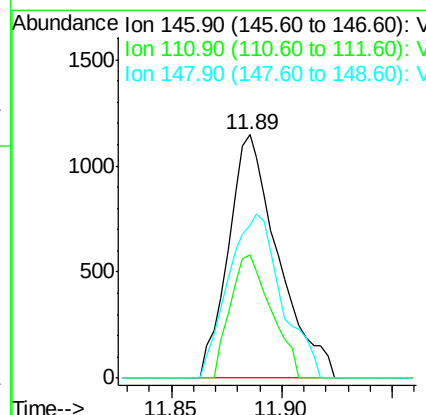
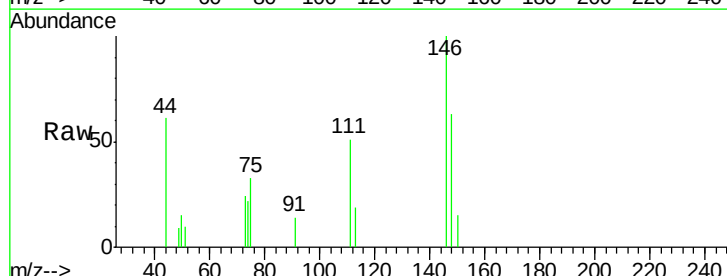
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

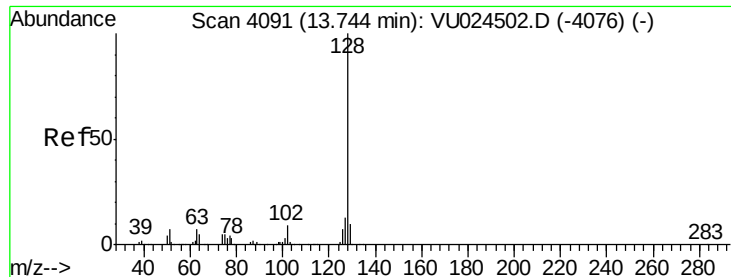
Tot Ion: 75 Resp: 84942
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0



#91
 1,2-Dichlorobenzene
 Concen: 0.34 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Tgt Ion: 146 Resp: 1798
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 71.7 31.9 95.7





#95

Naphthalene

Concen: 0.80 ug/l

RT: 13.77 min Scan# 4099

Delta R.T. 0.03 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

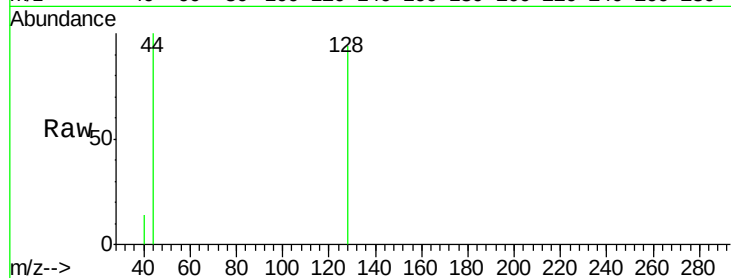
Tot Ion:128 Resp: 1296

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 9.3 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

