

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024998.D
 Acq On : 28 Jun 2018 04:34
 Operator : MD/SY
 Sample : J3671-08ME 10X
 Misc : 6.43g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-21-23-180621ME

Quant Time: Jun 28 06:46:42 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

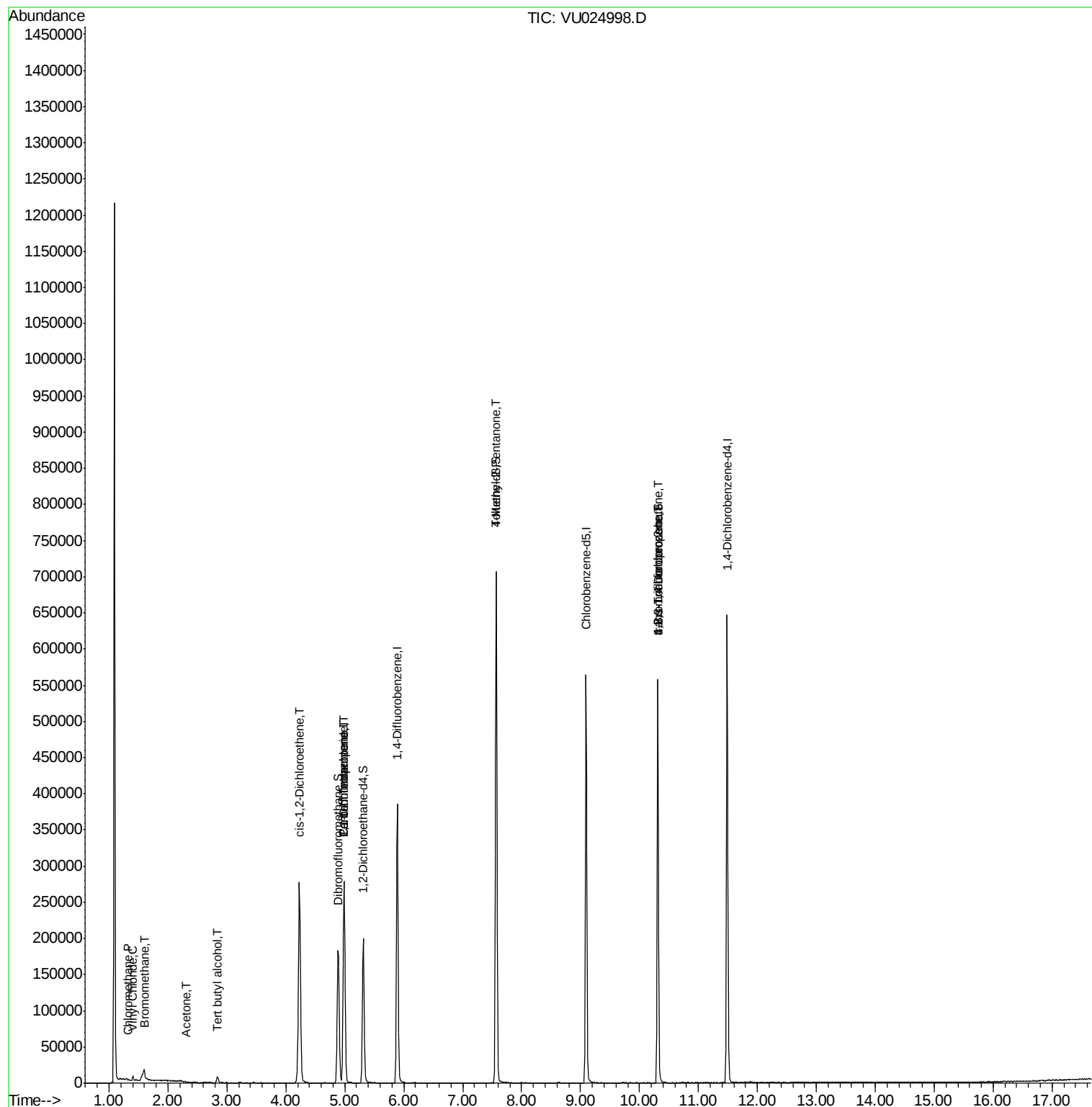
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	214710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	324865	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	306841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	164319	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	4.89	113	125651	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	7.57	98	469372	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	10.31	95	178593	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	664	0.242	ug/l	90
4) Vinyl Chloride	1.40	62	3864	1.365	ug/l	99
5) Bromomethane	1.62	94	558	0.408	ug/l #	68
6) Chloroethane	1.71	64	44	Below Cal	#	43
11) Tert butyl alcohol	2.84	59	5257	6.167	ug/l #	72
16) Acetone	2.32	43	1305	0.693	ug/l #	44
27) cis-1,2-Dichloroethene	4.23	96	157163	50.769	ug/l	88
31) Cyclohexane	4.99	56	4267	Below Cal	#	6
36) 1,1-Dichloropropene	4.99	75	16290	4.267	ug/l #	49
38) Carbon Tetrachloride	4.99	117	20750	4.943	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	2102	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	92294	24.770	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	92294	57.328	ug/l #	100

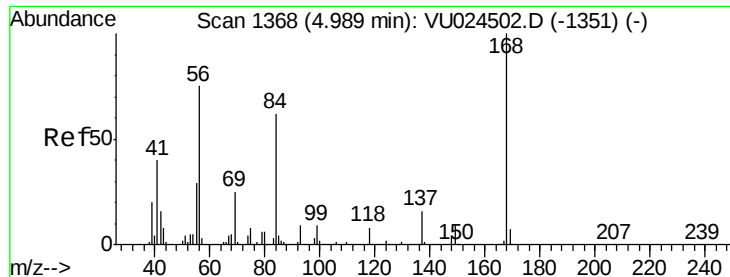
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

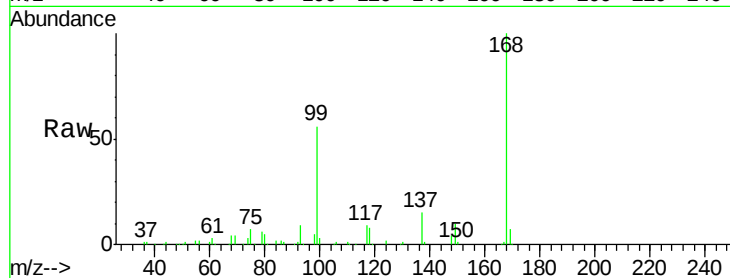
WP021SB478-21-23-180621ME

Tgt Ion:168 Resp: 214710

Ion Ratio Lower Upper

168 100

99 55.9 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) (-)

4.99

100000

80000

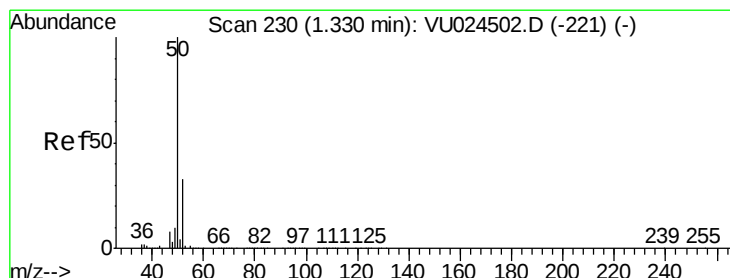
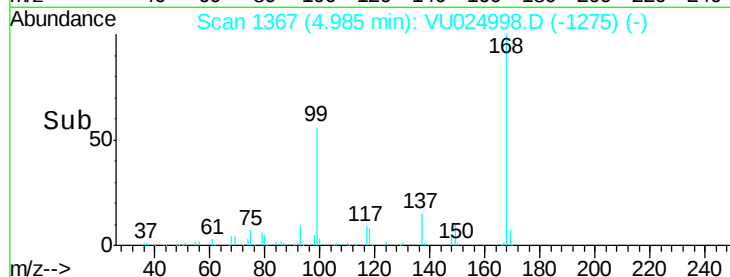
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.242 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024998.D

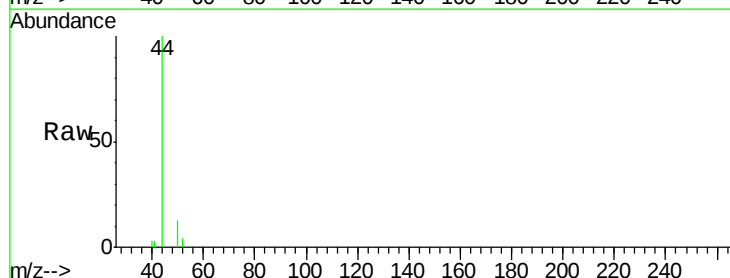
Acq: 28 Jun 2018 04:34

Tgt Ion: 50 Resp: 664

Ion Ratio Lower Upper

50 100

52 27.3 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) (-)

1.33

600

500

400

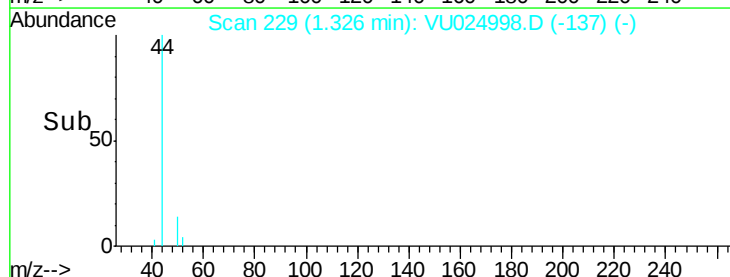
300

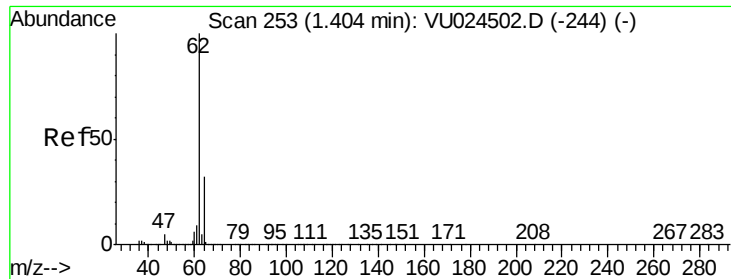
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 1.365 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

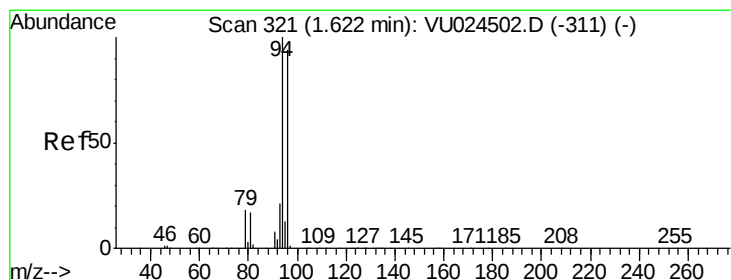
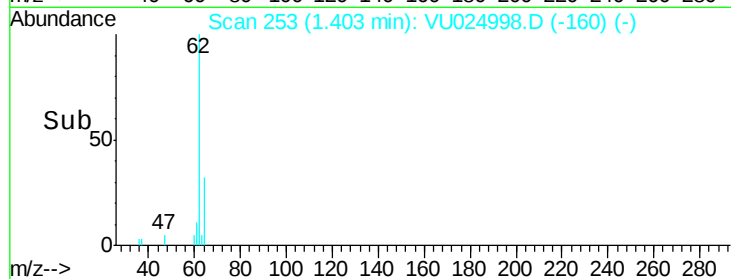
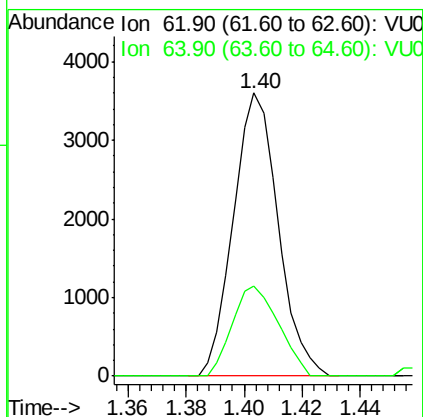
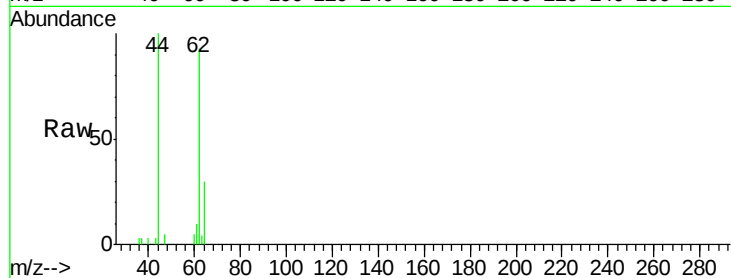
WP021SB478-21-23-180621ME

Tgt Ion: 62 Resp: 3864

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2



#5

Bromomethane

Concen: 0.408 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024998.D

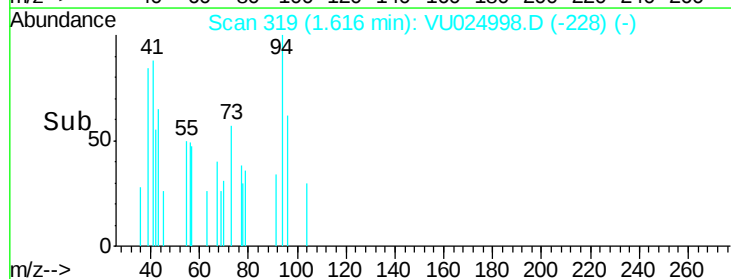
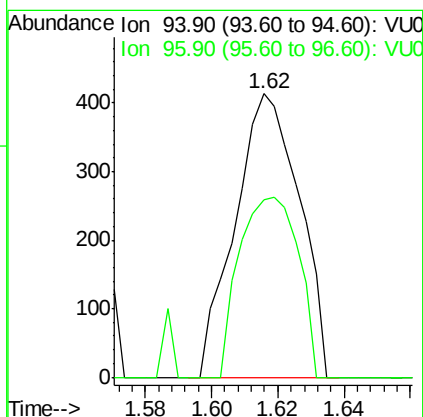
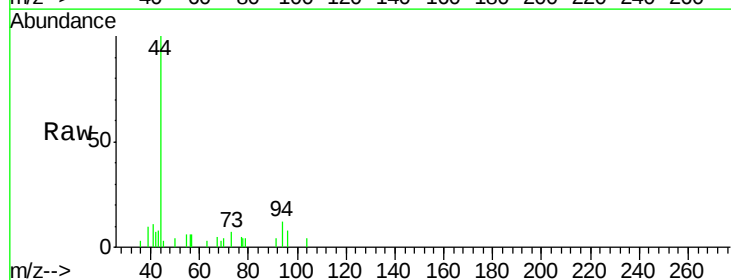
Acq: 28 Jun 2018 04:34

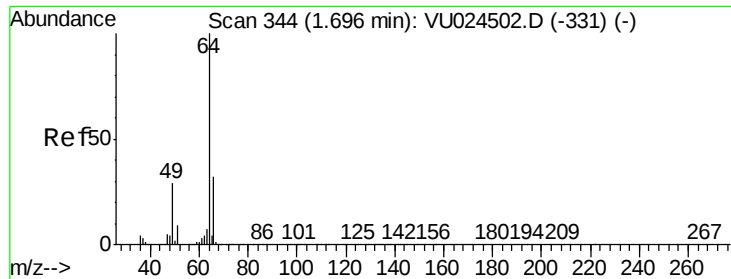
Tgt Ion: 94 Resp: 558

Ion Ratio Lower Upper

94 100

96 62.5 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

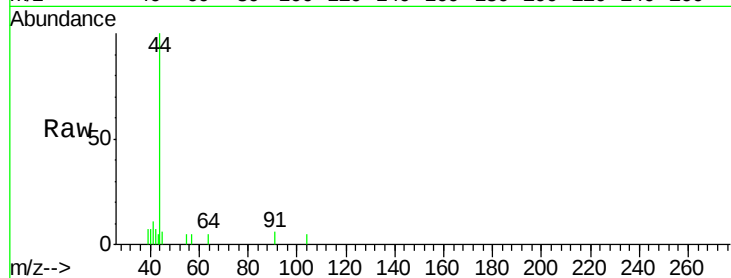
WP021SB478-21-23-180621ME

Tgt Ion: 64 Resp: 44

Ion Ratio Lower Upper

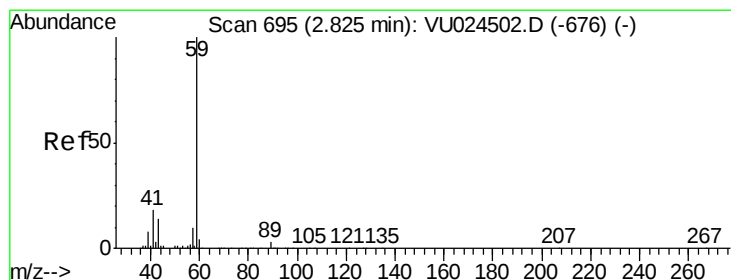
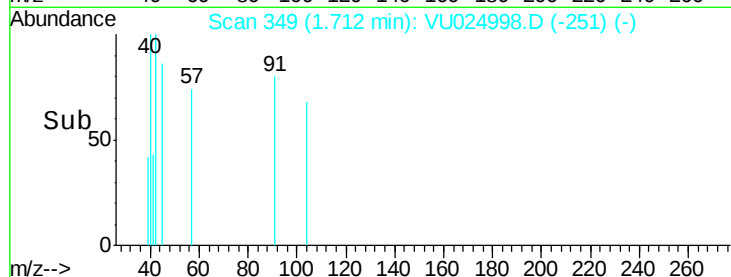
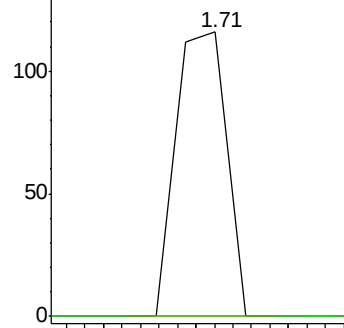
64 100

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



#11

Tert butyl alcohol

Concen: 6.167 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VU024998.D

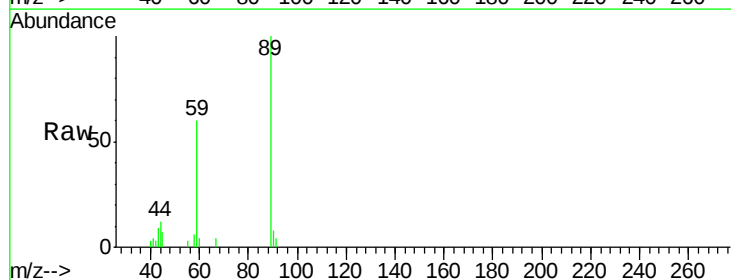
Acq: 28 Jun 2018 04:34

Tgt Ion: 59 Resp: 5257

Ion Ratio Lower Upper

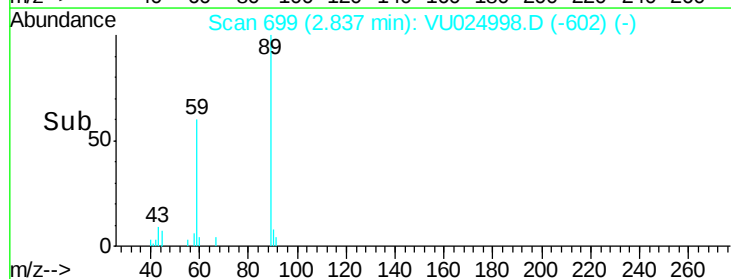
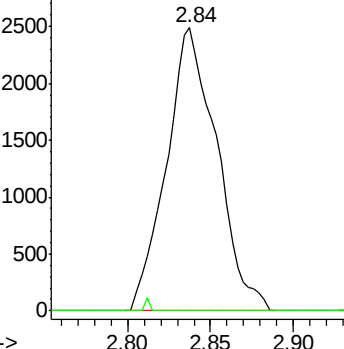
59 100

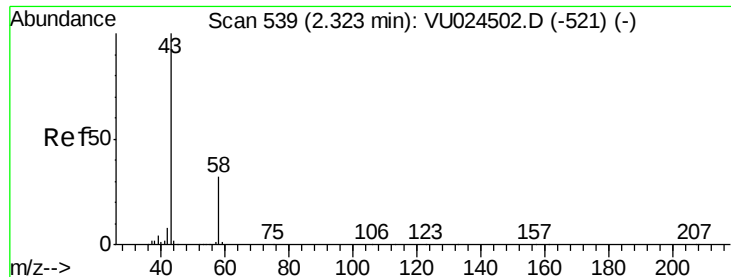
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 0.693 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

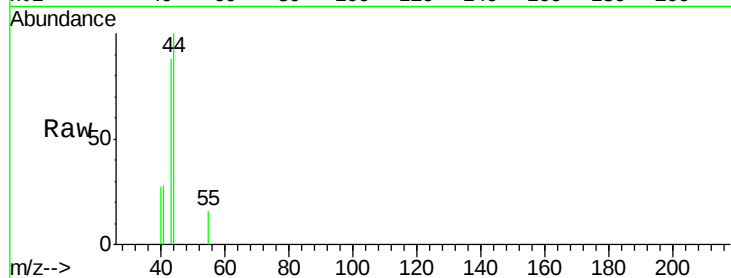
WP021SB478-21-23-180621ME

Tgt Ion: 43 Resp: 1305

Ion Ratio Lower Upper

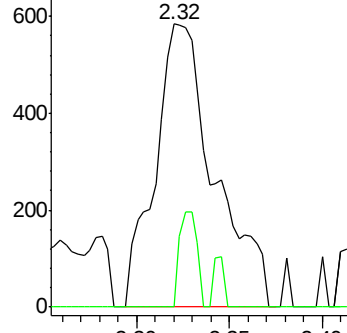
43 100

58 0.0 24.4 36.6#

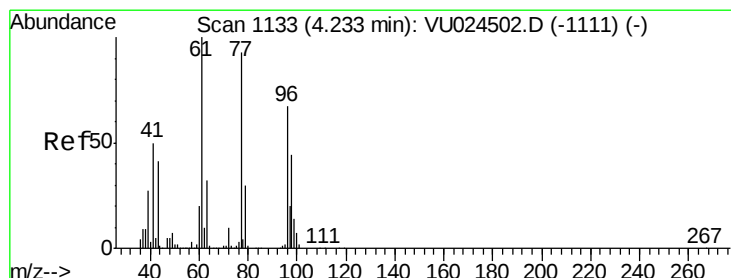
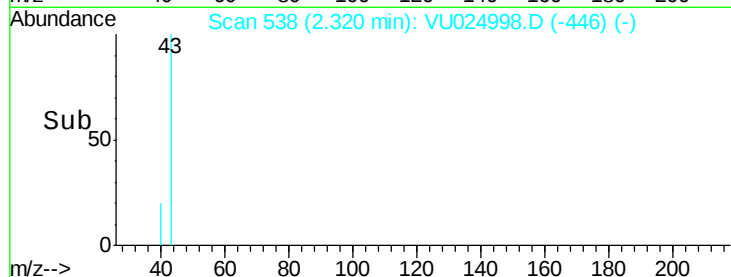


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 50.769 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

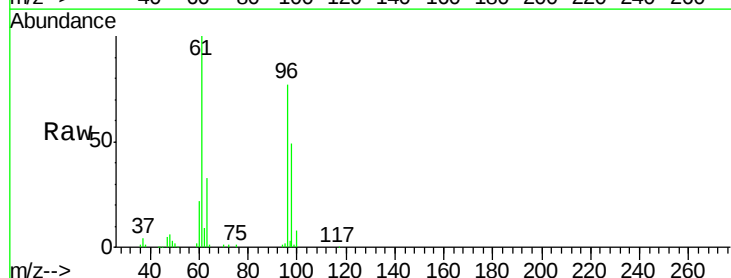
Tgt Ion: 96 Resp: 157163

Ion Ratio Lower Upper

96 100

61 132.8 0.0 306.6

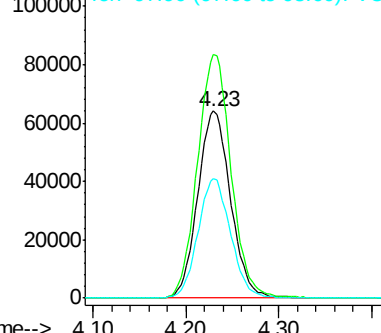
98 63.5 0.0 128.8



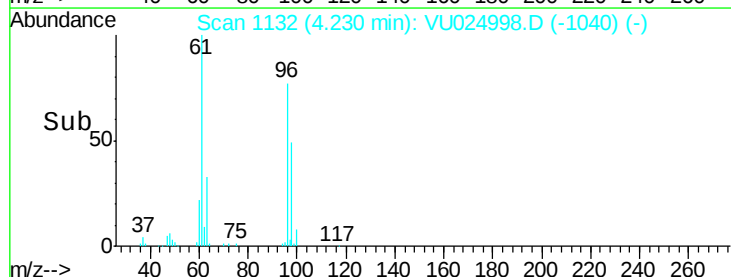
Abundance Ion 95.90 (95.60 to 96.60): VU0

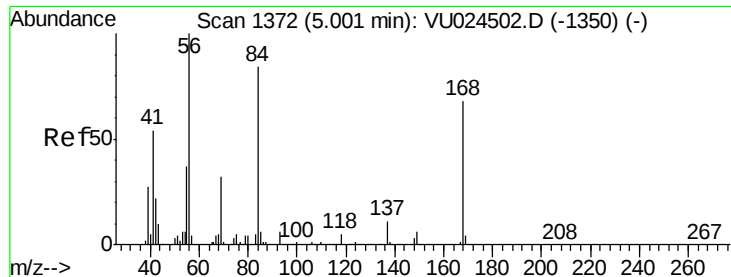
Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



Time-->

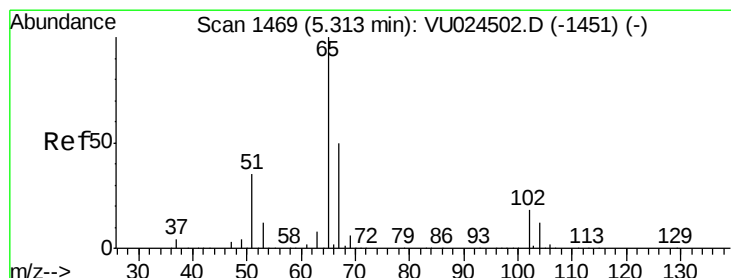
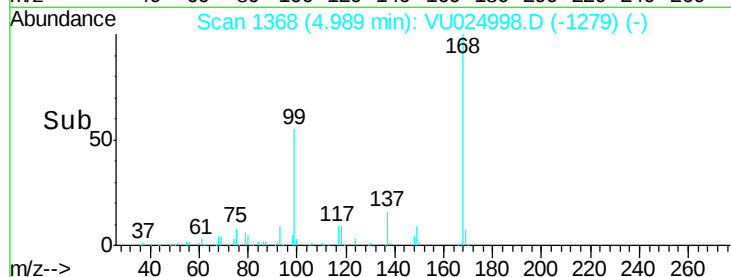
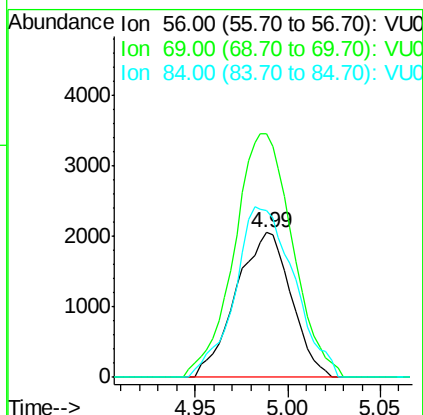
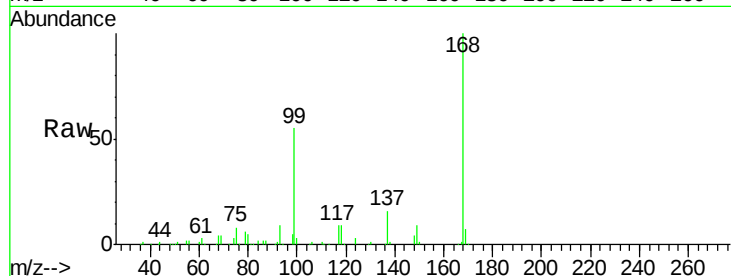




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU024998.D
Acq: 28 Jun 2018 04:34

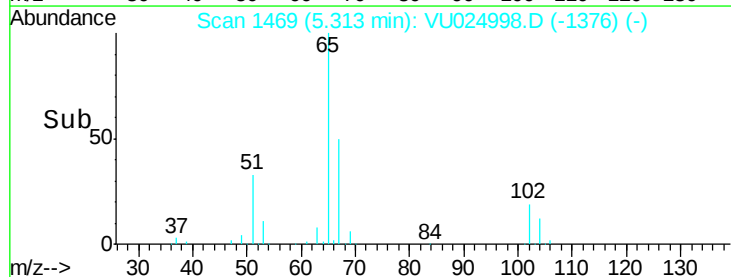
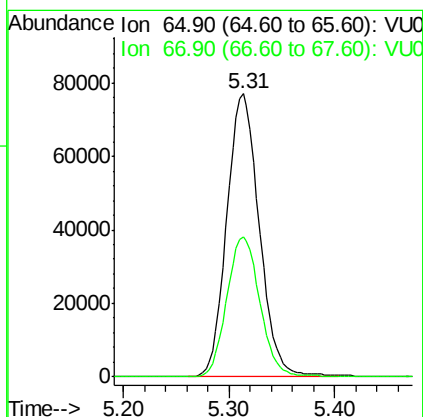
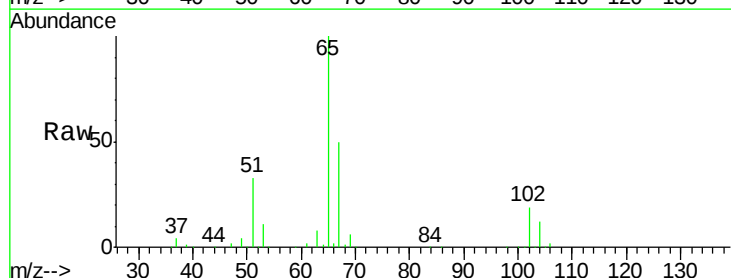
Instrument :
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WP021SB478-21-23-180621ME

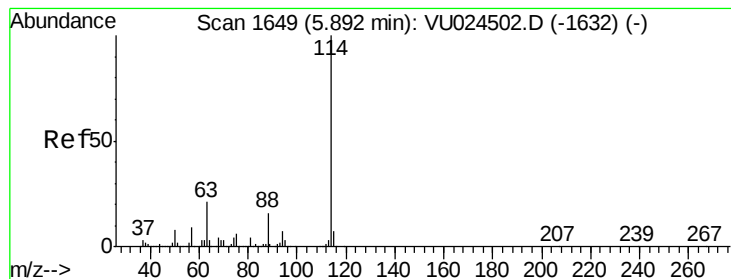
Tgt Ion: 56 Resp: 4267
Ion Ratio Lower Upper
56 100
69 162.6 24.8 37.2#
84 115.5 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.879 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024998.D
Acq: 28 Jun 2018 04:34

Tgt Ion: 65 Resp: 164319
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-21-23-180621ME

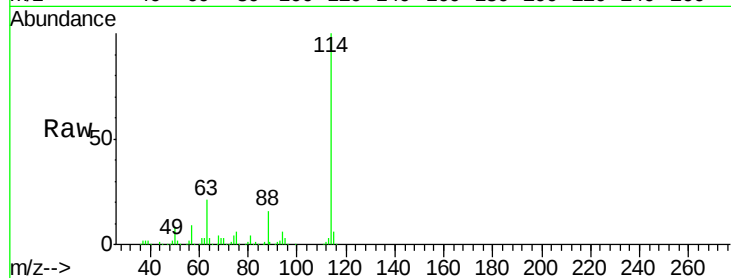
Tgt Ion:114 Resp: 324865

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

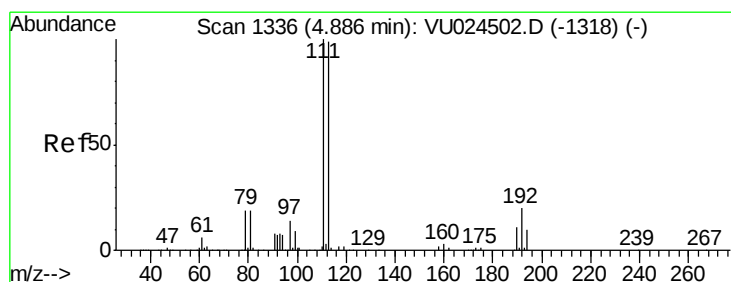
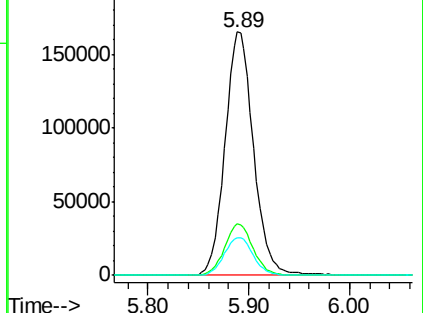
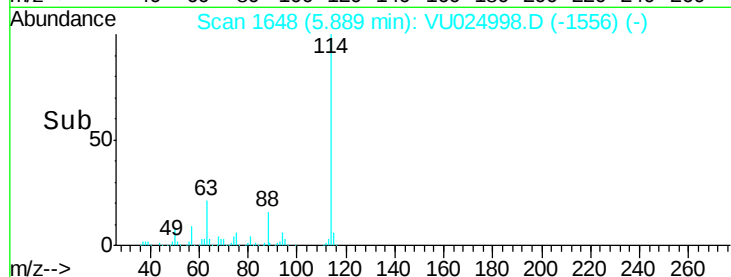
88 15.7 0.0 31.0



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: 46.604 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

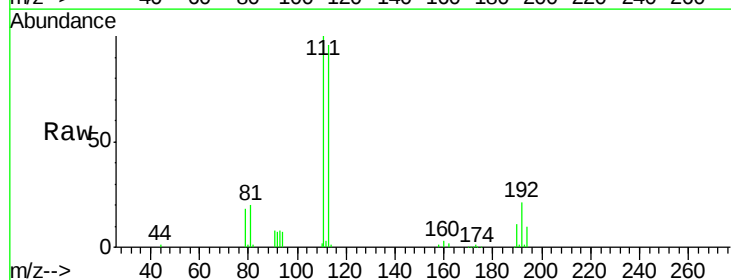
Tgt Ion:113 Resp: 125651

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

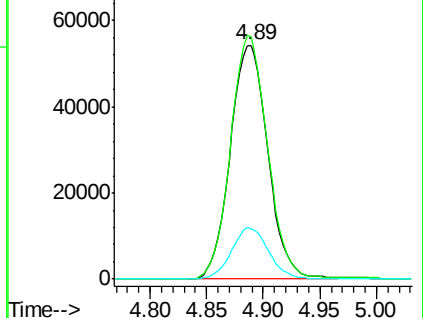
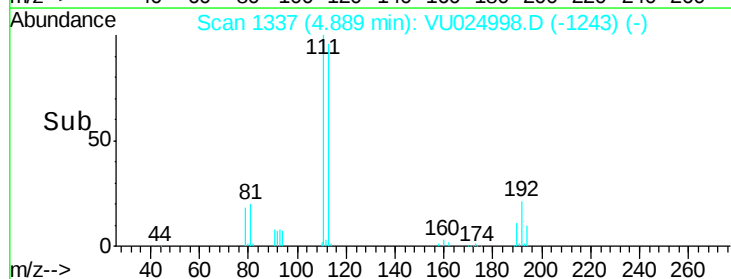
192 21.7 16.2 24.4

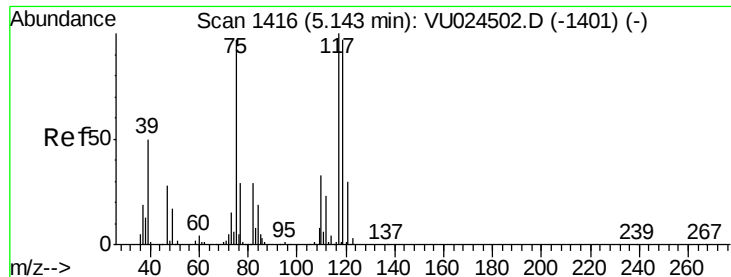


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

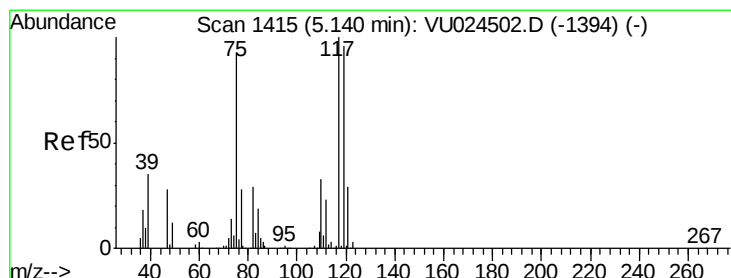
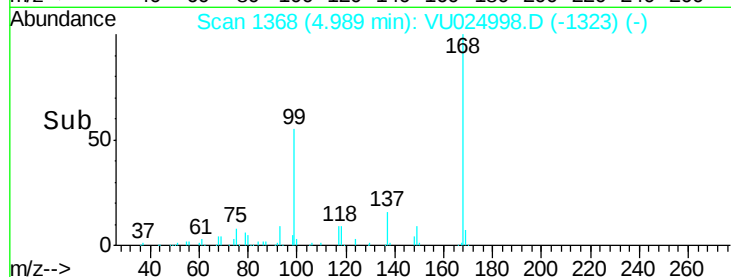
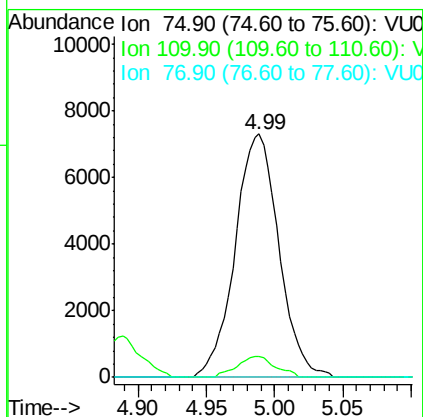
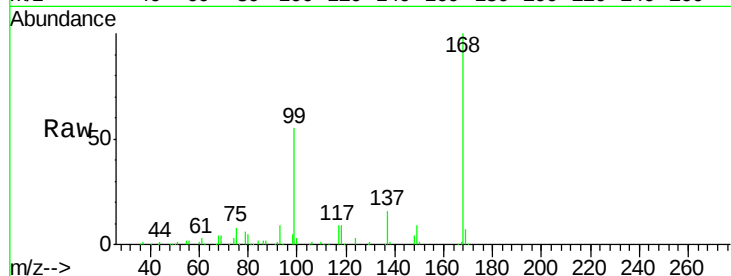




#36
 1,1-Dichloropropene
 Concen: 4.267 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024998.D
 Acq: 28 Jun 2018 04:34

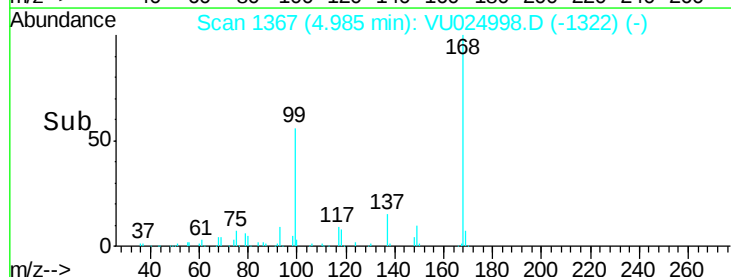
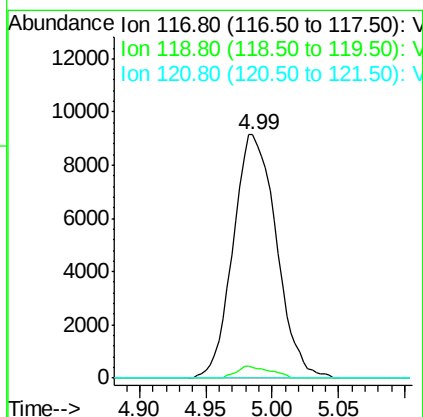
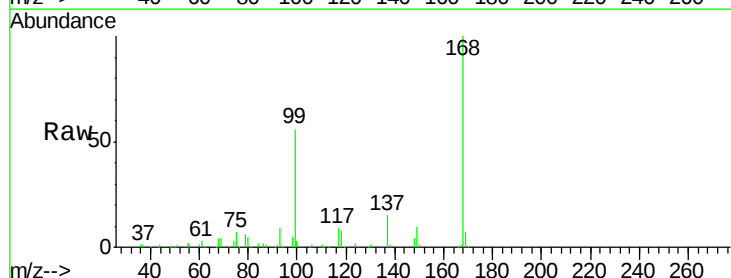
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-21-23-180621ME

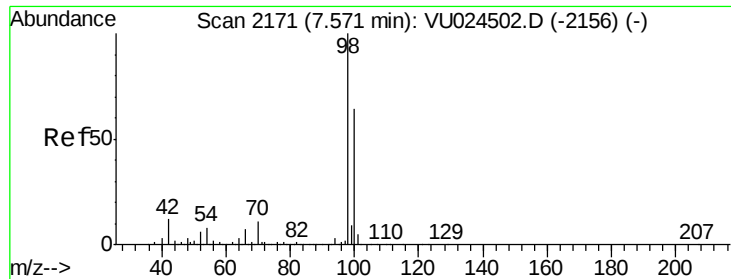
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	50.9#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 4.943 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU024998.D
 Acq: 28 Jun 2018 04:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.1	114.1#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 47.728 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

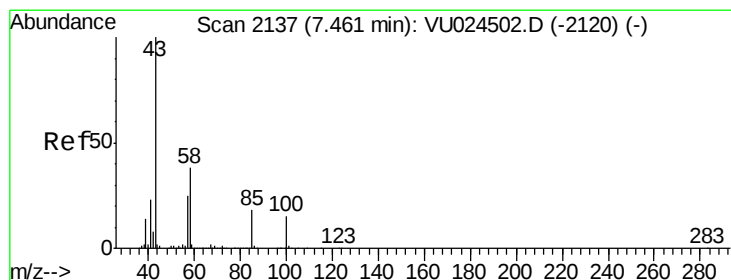
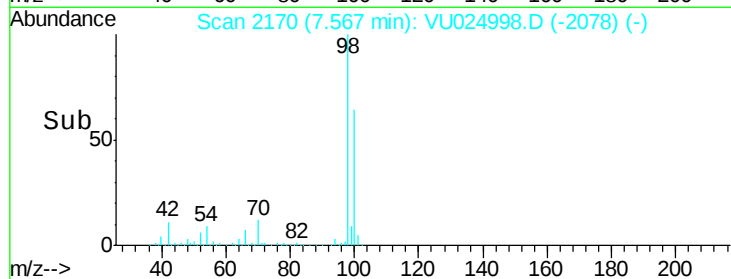
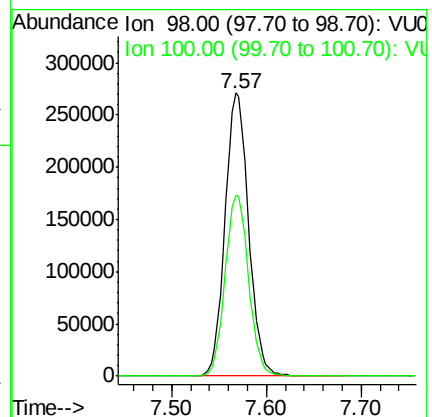
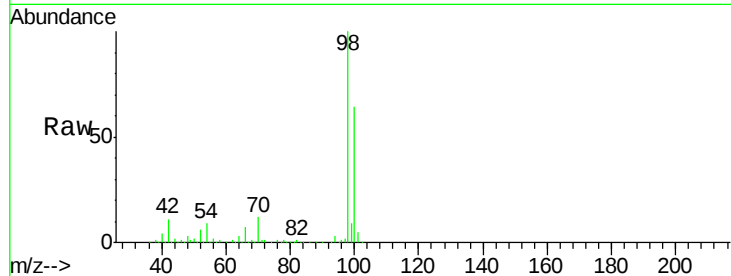
WP021SB478-21-23-180621ME

Tgt Ion: 98 Resp: 469372

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.465 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.11 min

Lab File: VU024998.D

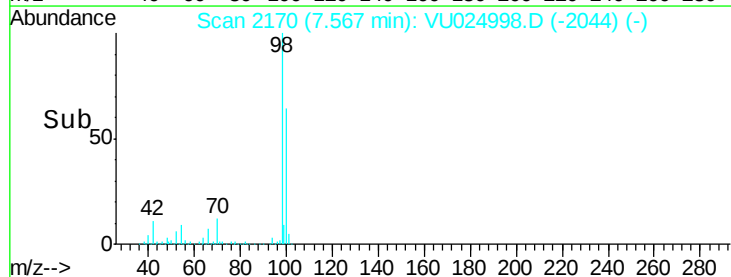
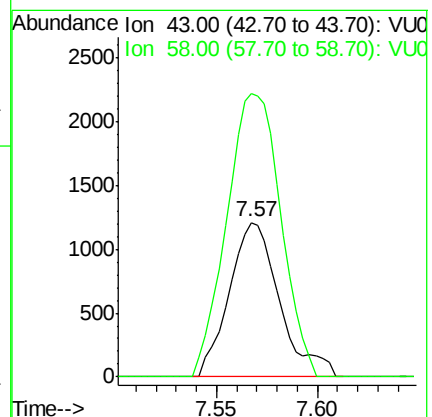
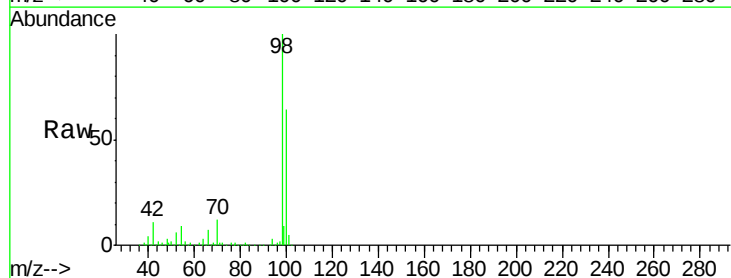
Acq: 28 Jun 2018 04:34

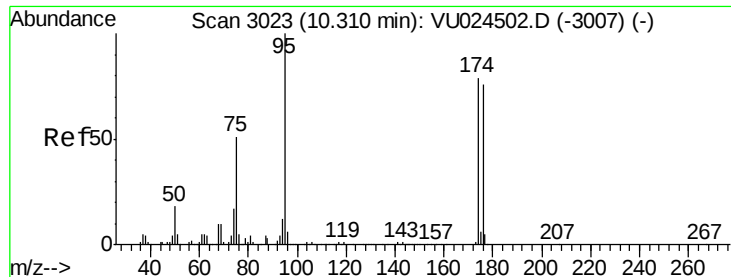
Tgt Ion: 43 Resp: 2102

Ion Ratio Lower Upper

43 100

58 197.7 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 45.739 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-21-23-180621ME

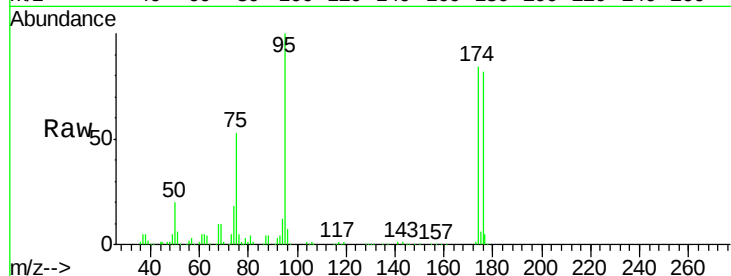
Tgt Ion: 95 Resp: 178593

Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

176 82.8 0.0 159.4



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

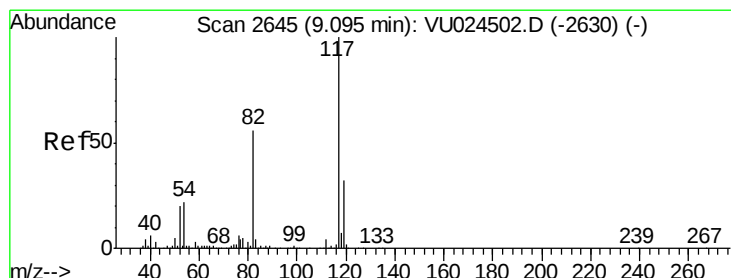
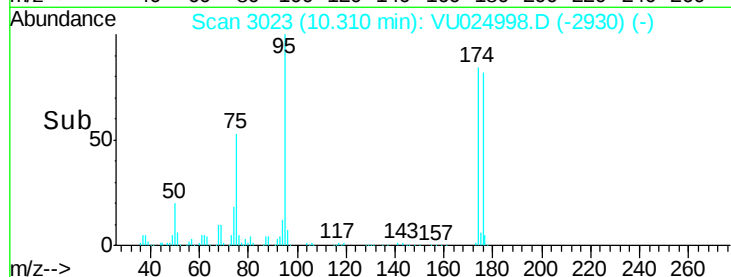
Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

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

10.31

10.25 10.30 10.35 10.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

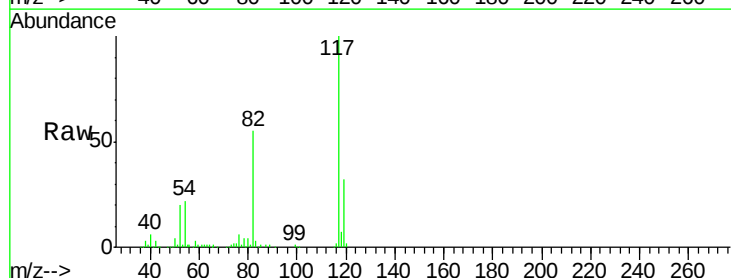
Tgt Ion: 117 Resp: 306841

Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

119 32.2 25.4 38.2



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

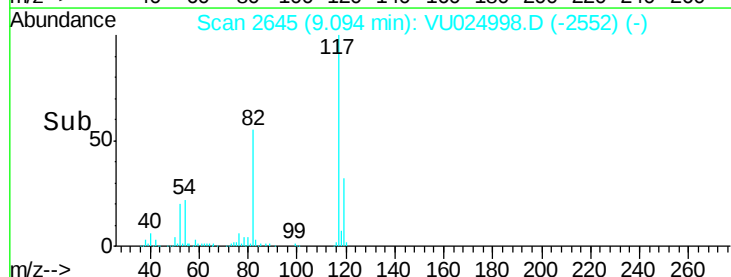
Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

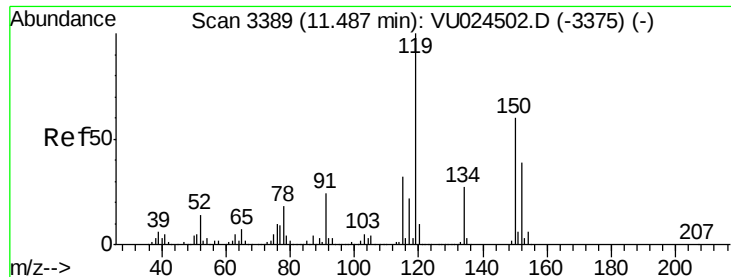
Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

9.09

9.00 9.10 9.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-21-23-180621ME

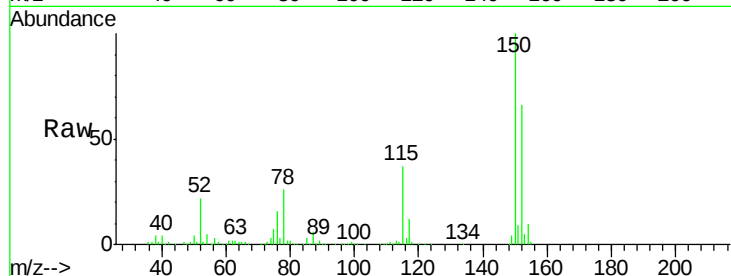
Tgt Ion:152 Resp: 169239

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

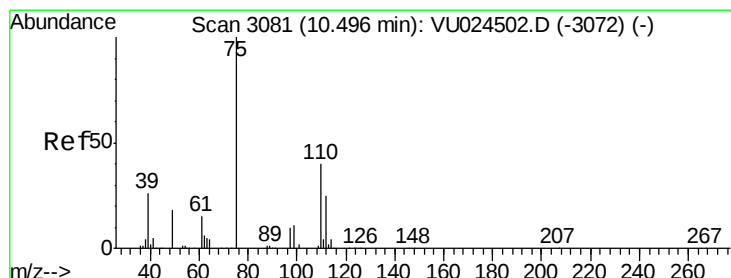
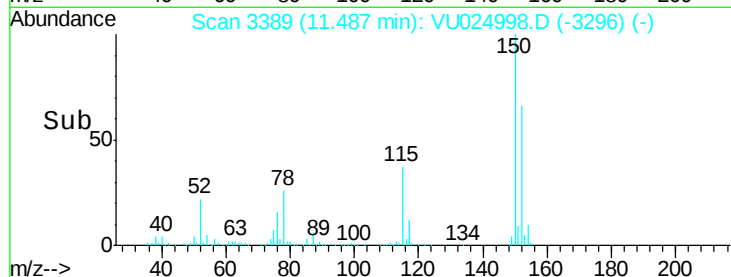
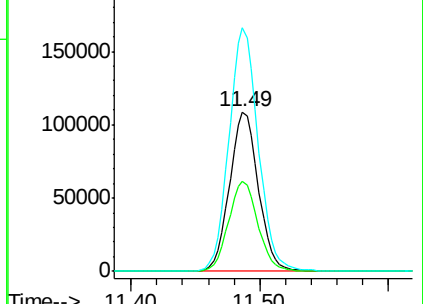
150 154.4 0.0 354.0



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: 24.770 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024998.D

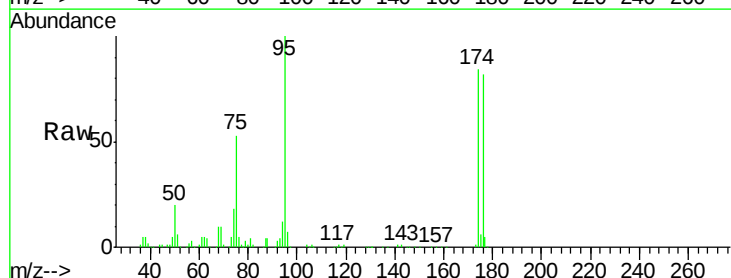
Acq: 28 Jun 2018 04:34

Tgt Ion: 75 Resp: 92294

Ion Ratio Lower Upper

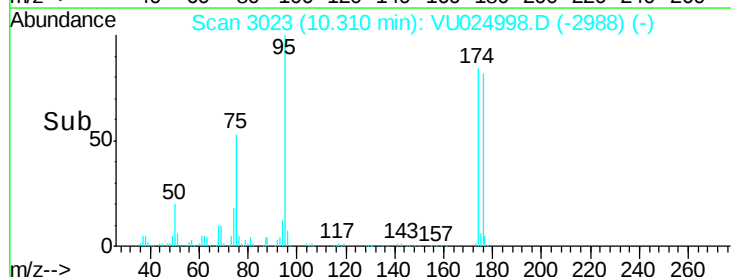
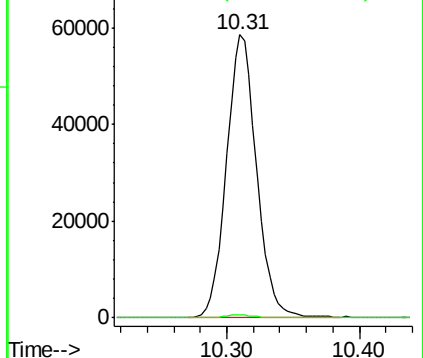
75 100

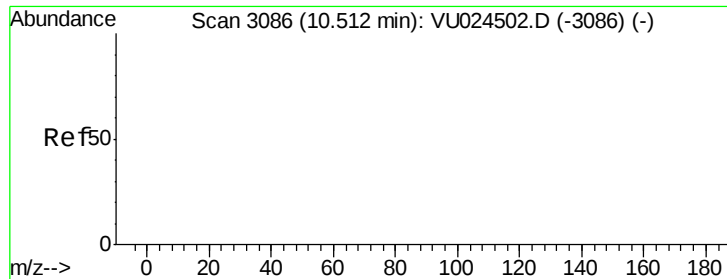
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.328 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024998.D

Acq: 28 Jun 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-21-23-180621ME

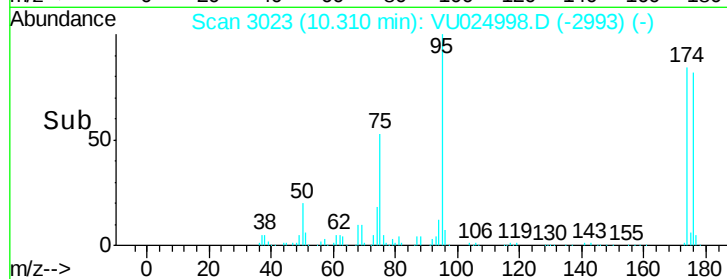
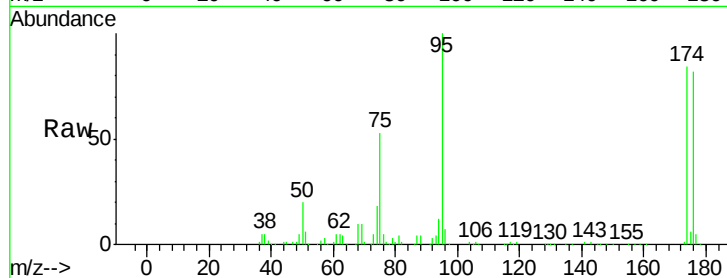
Tgt Ion: 75 Resp: 92294

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

