

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062518\
 Data File : VU024911.D
 Acq On : 26 Jun 2018 06:15
 Operator : MD/SY
 Sample : J3669-30ME 200X
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-31-33-180620ME

Quant Time: Jun 26 08:41:44 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

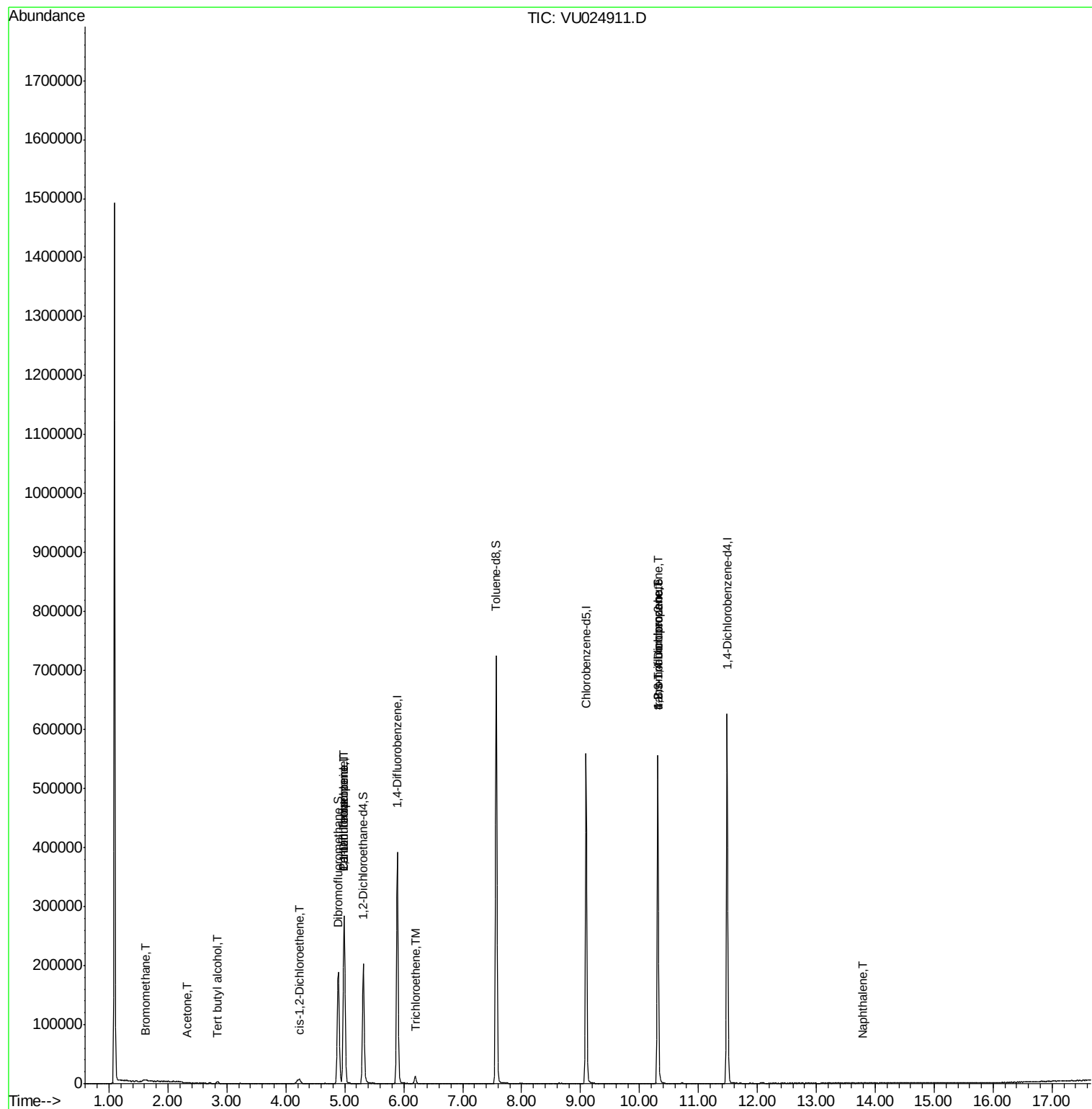
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	221229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	331252	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	164840	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
35) Dibromofluoromethane	4.89	113	129023	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	7.57	98	485344	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.31	95	180112	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.63	94	499	0.354	ug/l	84
6) Chloroethane	1.68	64	91	Below Cal	#	43
11) Tert butyl alcohol	2.83	59	1470	1.674	ug/l #	72
16) Acetone	2.33	43	1196	0.616	ug/l #	78
27) cis-1,2-Dichloroethene	4.23	96	4041	1.267	ug/l	90
31) Cyclohexane	4.99	56	4387	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15878	4.079	ug/l #	51
38) Carbon Tetrachloride	4.99	117	20862	4.874	ug/l #	16
44) Trichloroethene	6.19	130	4907	1.555	ug/l	89
76) 1,2,3-Trichloropropane	10.31	75	93224	25.629	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	93224	59.316	ug/l #	100
95) Naphthalene	13.79	128	39	0.682	ug/l #	69

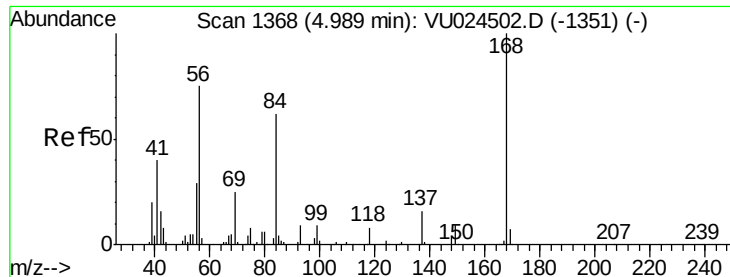
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

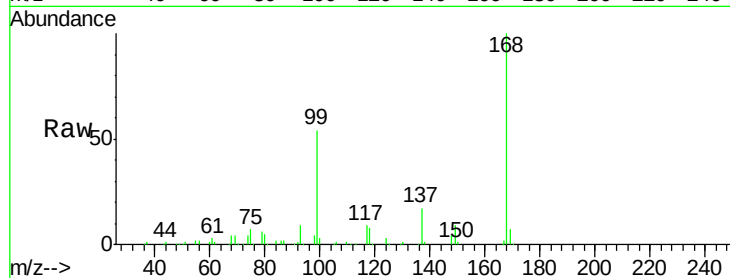
WP021SB474-31-33-180620ME

Tgt Ion:168 Resp: 221229

Ion Ratio Lower Upper

168 100

99 54.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024911.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024911.D (-1275) (-)

4.99

100000

80000

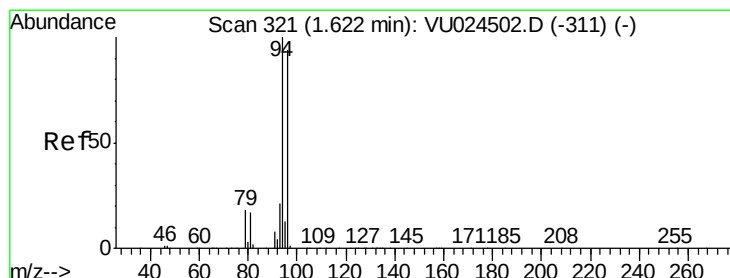
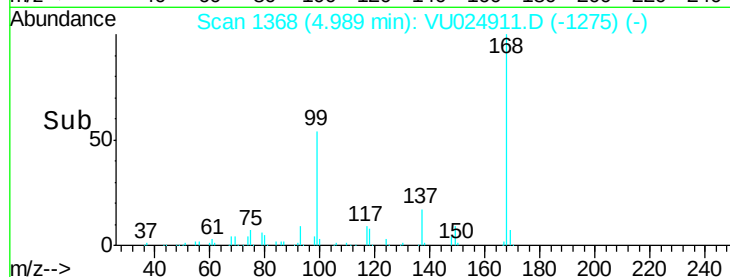
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.354 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

Lab File: VU024911.D

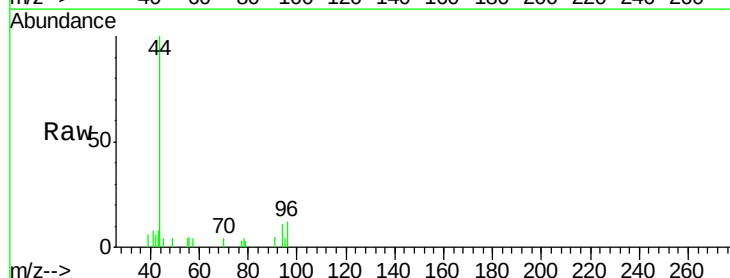
Acq: 26 Jun 2018 06:15

Tgt Ion: 94 Resp: 499

Ion Ratio Lower Upper

94 100

96 108.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU024911.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU024911.D (-228) (-)

1.63

400

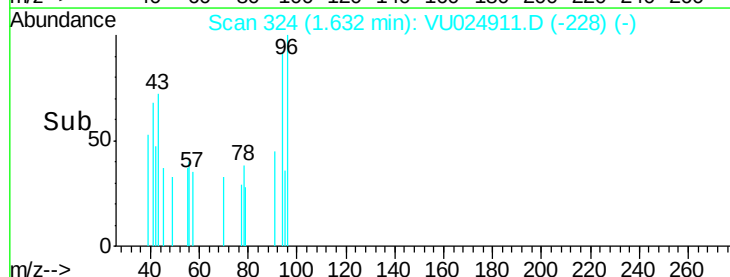
300

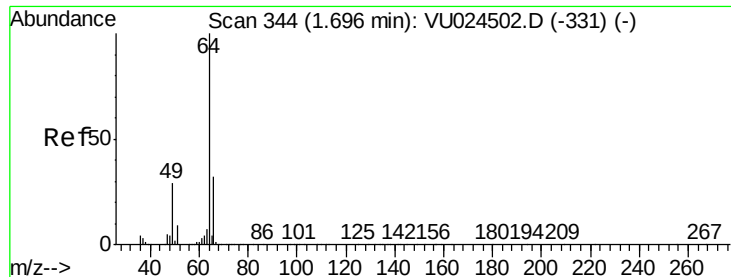
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

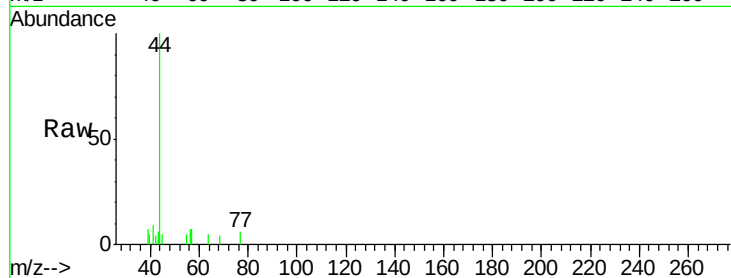
WP021SB474-31-33-180620ME

Tgt Ion: 64 Resp: 91

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



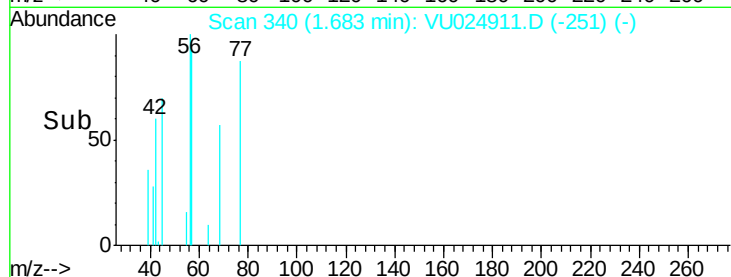
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

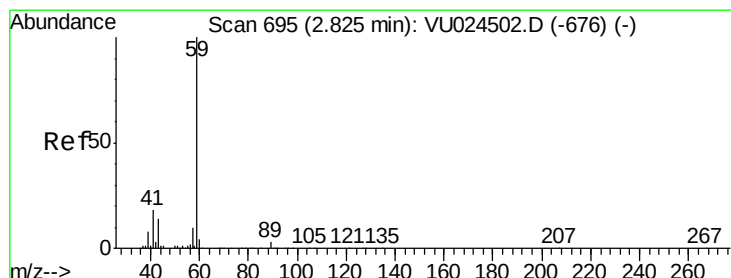
1.68

1.69

1.70



Time-->



#11

Tert butyl alcohol

Concen: 1.674 ug/l

RT: 2.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VU024911.D

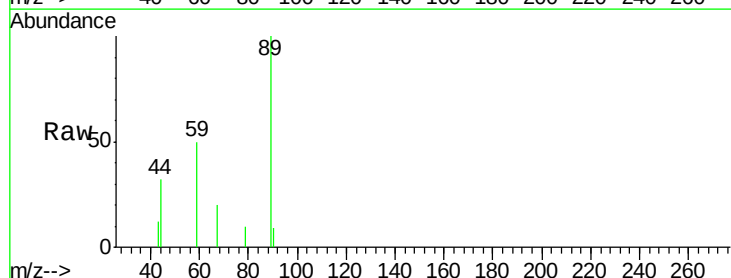
Acq: 26 Jun 2018 06:15

Tgt Ion: 59 Resp: 1470

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



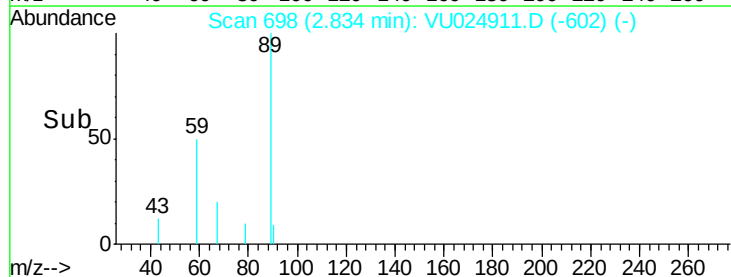
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

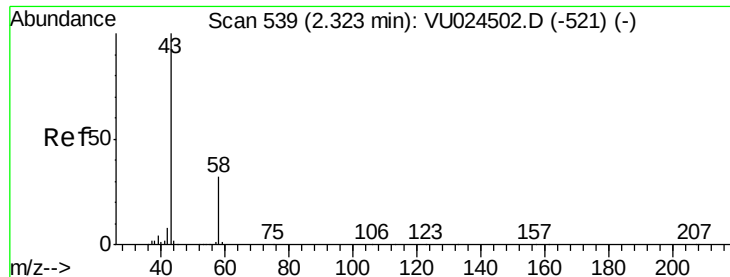
2.83

2.85

2.90



Time-->



#16

Acetone

Concen: 0.616 ug/l

RT: 2.33 min Scan# 542

Delta R.T. 0.01 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

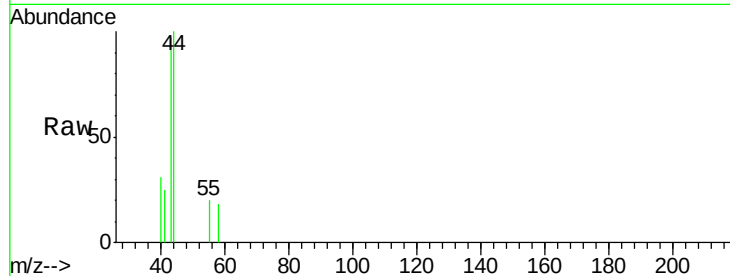
WP021SB474-31-33-180620ME

Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

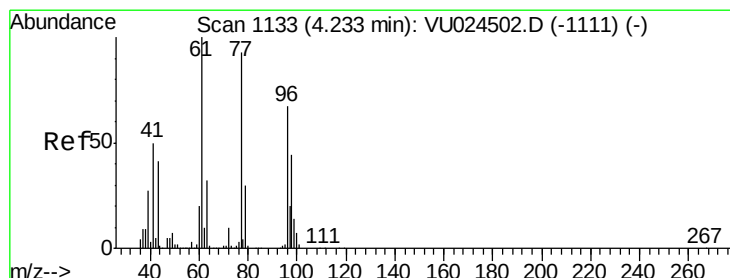
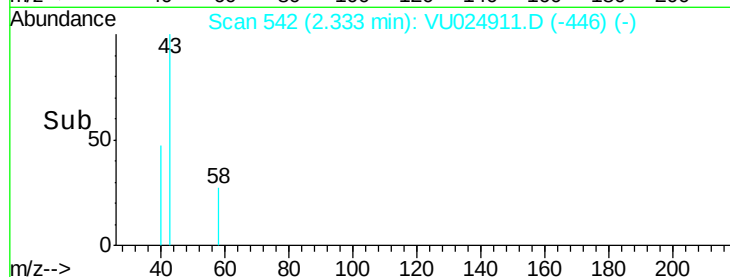
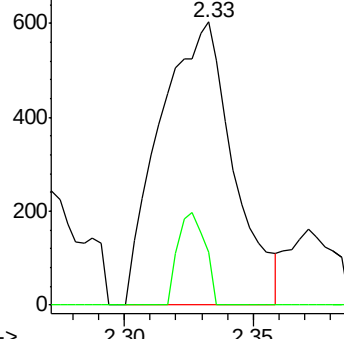
43 100

58 18.6 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 1.267 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

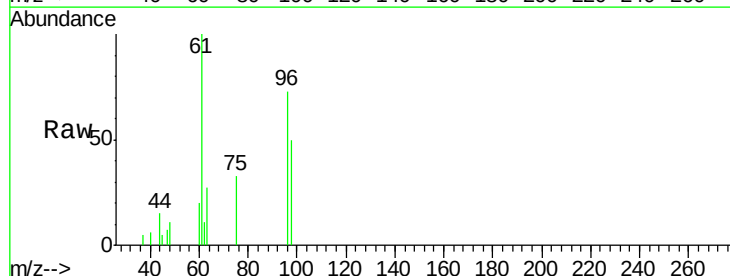
Tgt Ion: 96 Resp: 4041

Ion Ratio Lower Upper

96 100

61 135.8 0.0 306.6

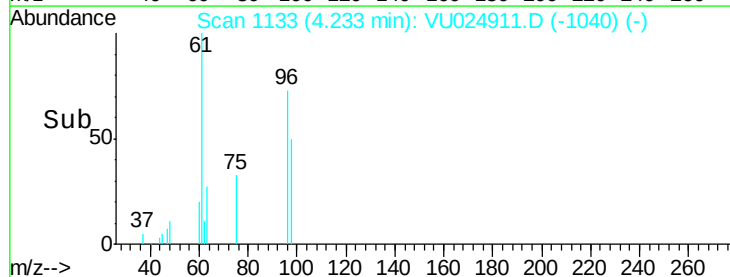
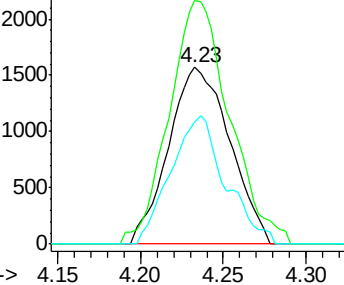
98 64.6 0.0 128.8

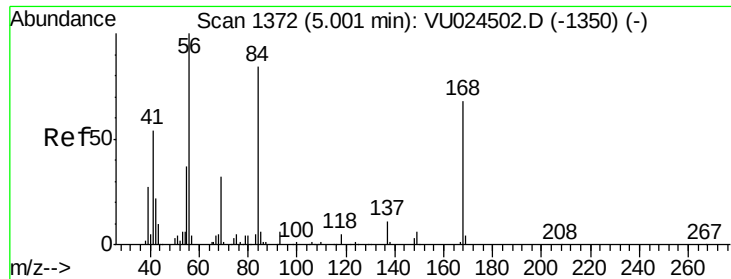


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

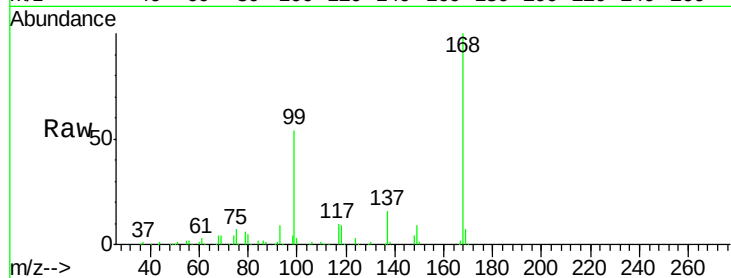




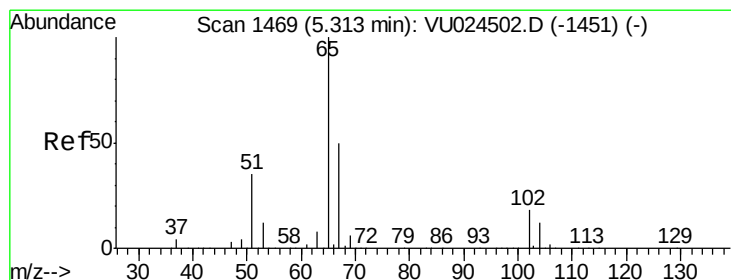
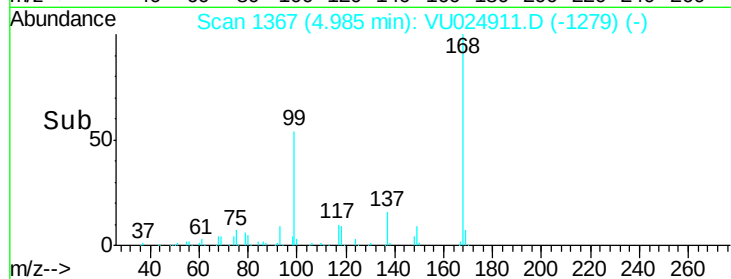
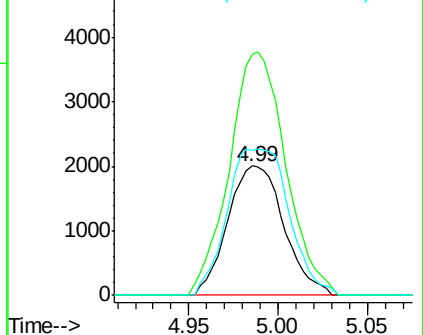
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024911.D
Acq: 26 Jun 2018 06:15

Instrument :
MSVOA_U
ClientSampleId :
WP021SB474-31-33-180620ME

Tgt Ion: 56 Resp: 4387
Ion Ratio Lower Upper
56 100
69 186.3 24.8 37.2#
84 112.4 65.2 97.8#

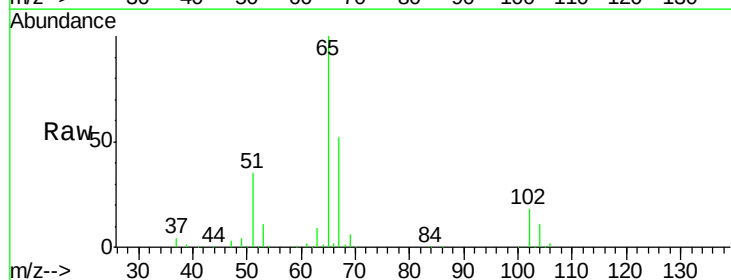


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

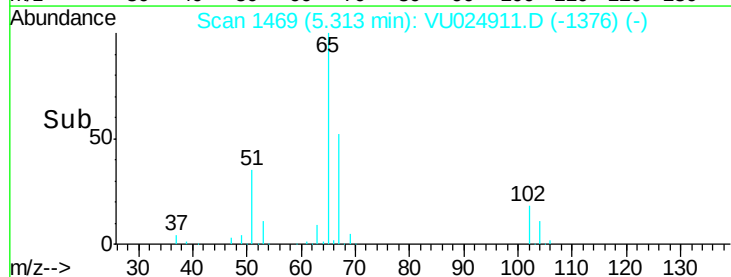
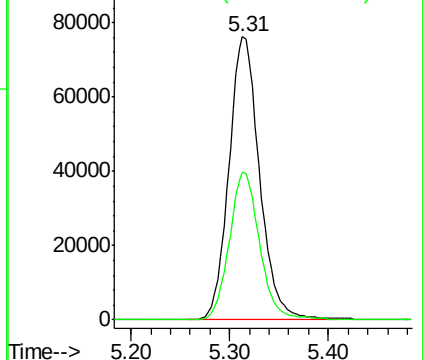


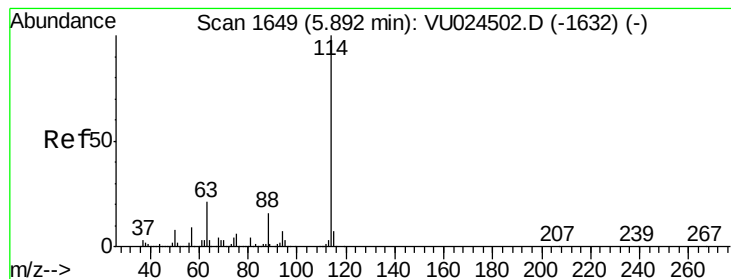
#33
1,2-Dichloroethane-d4
Concen: 45.642 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024911.D
Acq: 26 Jun 2018 06:15

Tgt Ion: 65 Resp: 164840
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-31-33-180620ME

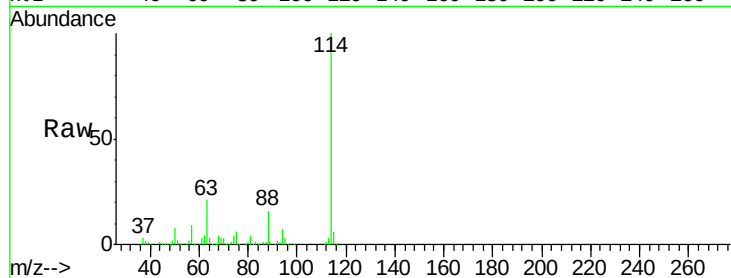
Tgt Ion:114 Resp: 331252

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

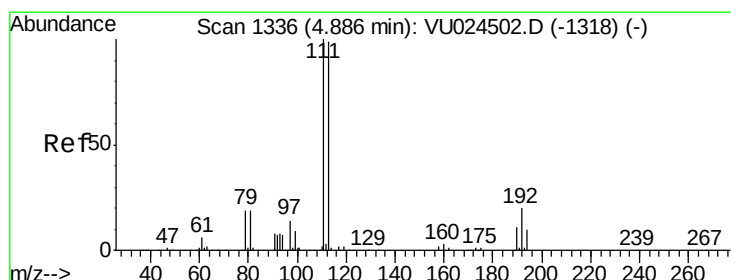
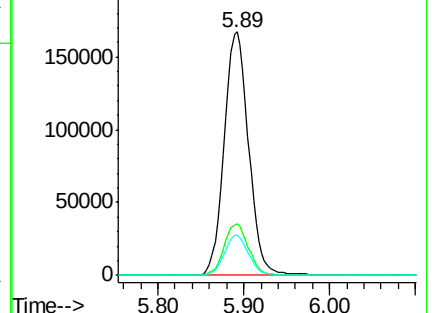
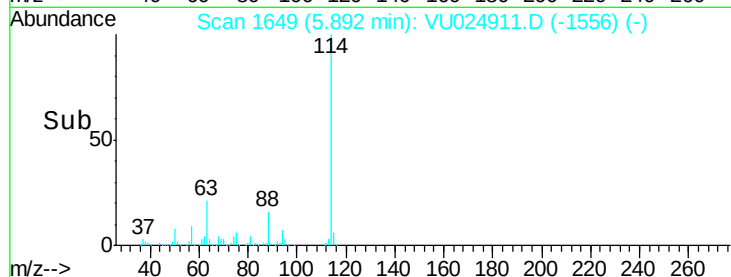
88 16.2 0.0 31.0



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: 46.932 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

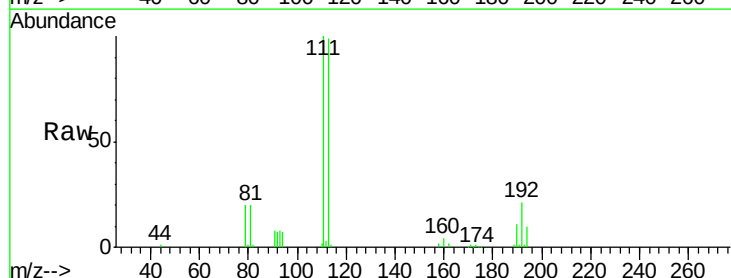
Tgt Ion:113 Resp: 129023

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

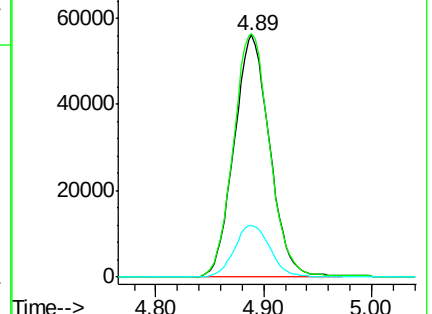
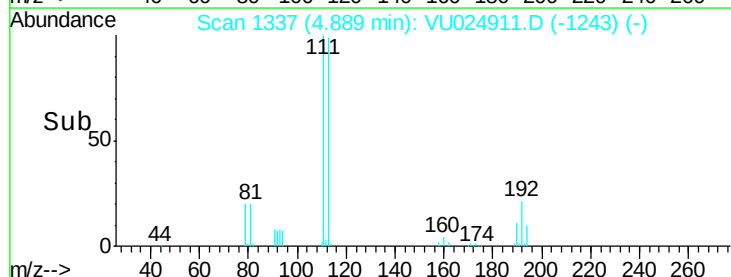
192 21.5 16.2 24.4

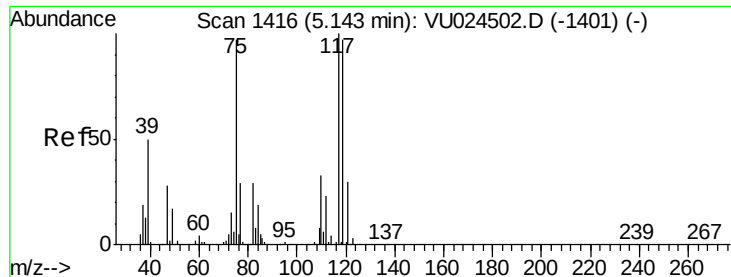


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

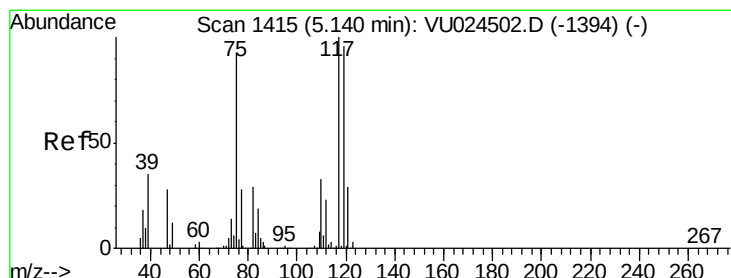
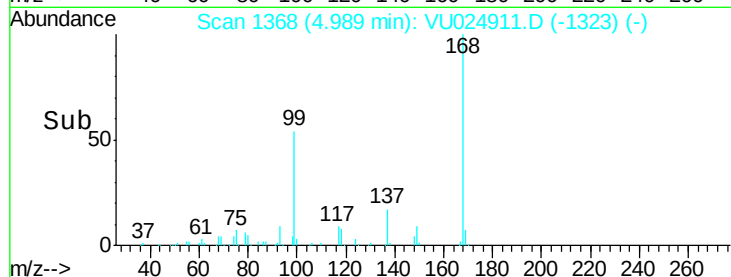
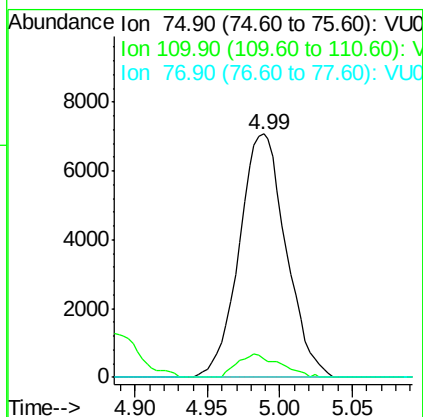
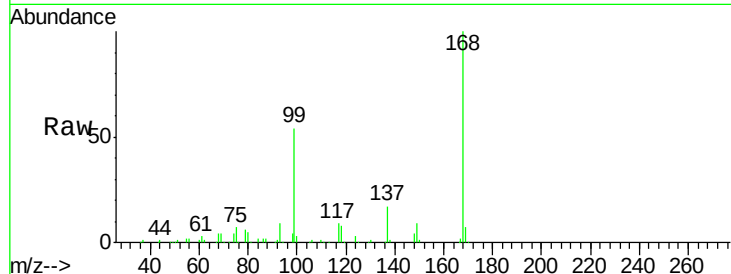




#36
 1,1-Dichloropropene
 Concen: 4.079 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024911.D
 Acq: 26 Jun 2018 06:15

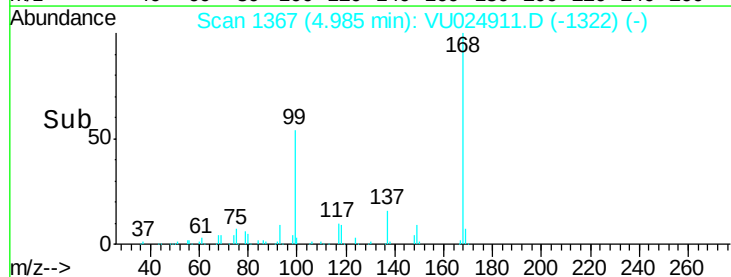
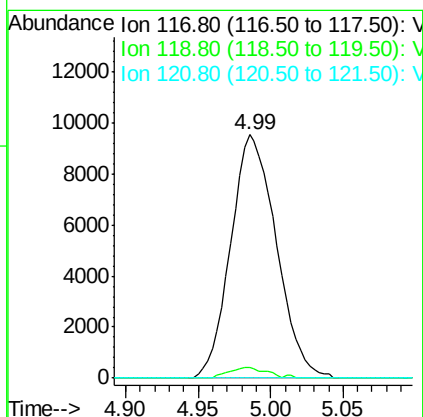
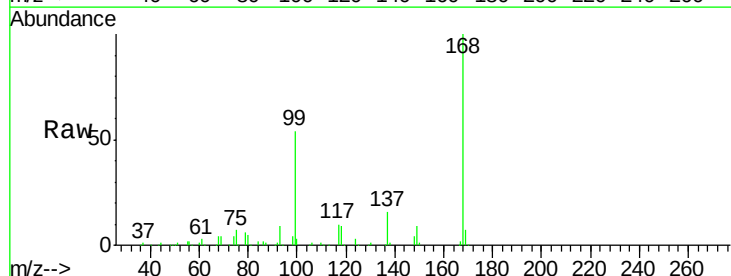
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-31-33-180620ME

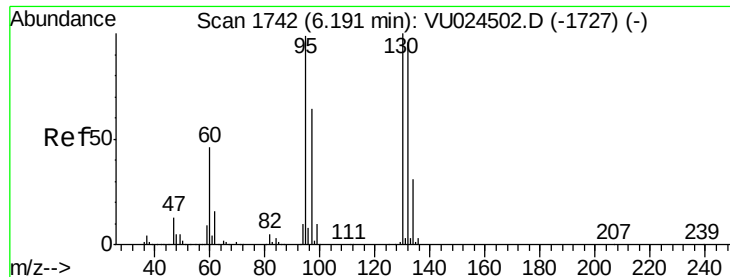
Tgt Ion: 75 Resp: 15878
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 4.874 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU024911.D
 Acq: 26 Jun 2018 06:15

Tgt Ion: 117 Resp: 20862
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.1 114.1#
 121 0.0 23.7 35.5#





#44

Trichloroethene

Concen: 1.555 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

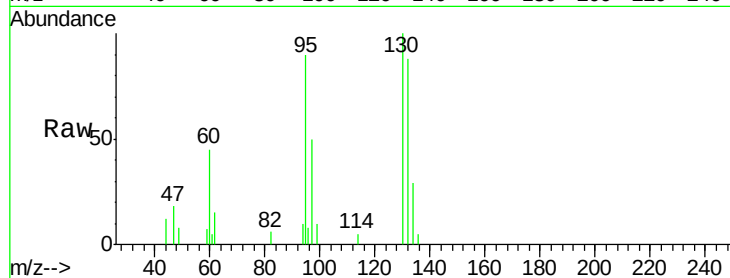
WP021SB474-31-33-180620ME

Tgt Ion:130 Resp: 4907

Ion Ratio Lower Upper

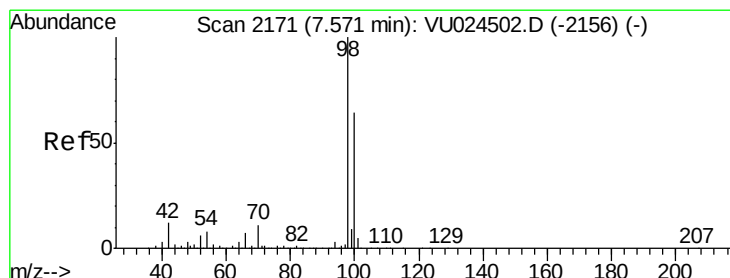
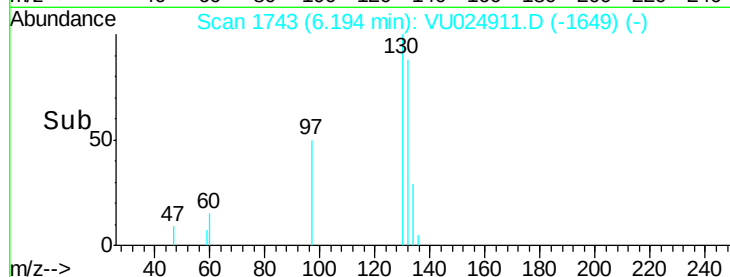
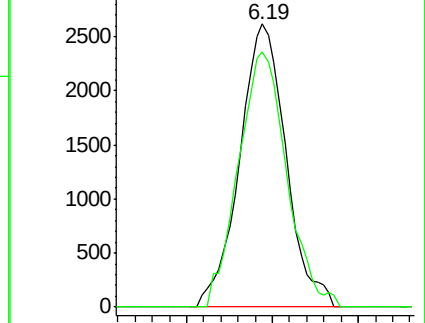
130 100

95 90.1 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 48.400 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024911.D

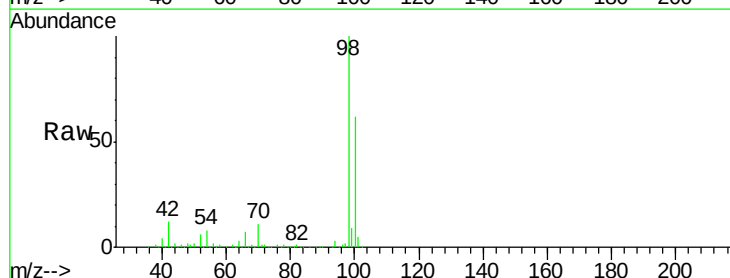
Acq: 26 Jun 2018 06:15

Tgt Ion: 98 Resp: 485344

Ion Ratio Lower Upper

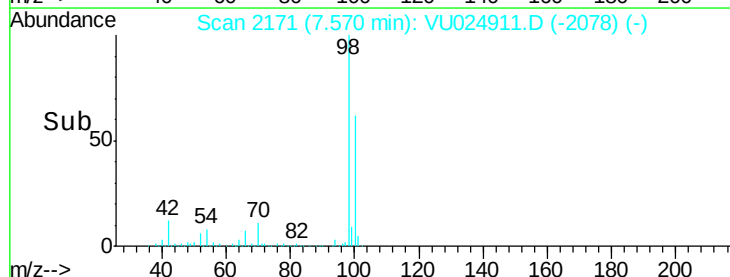
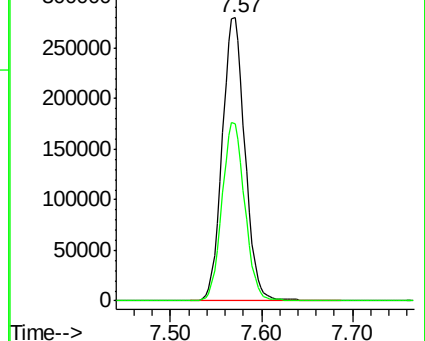
98 100

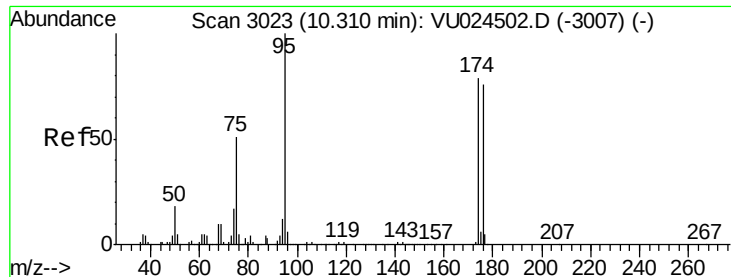
100 63.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.238 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-31-33-180620ME

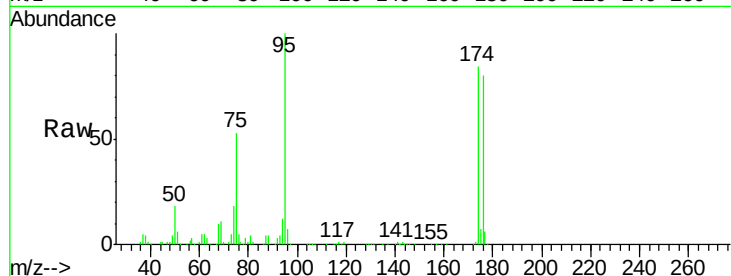
Tgt Ion: 95 Resp: 180112

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

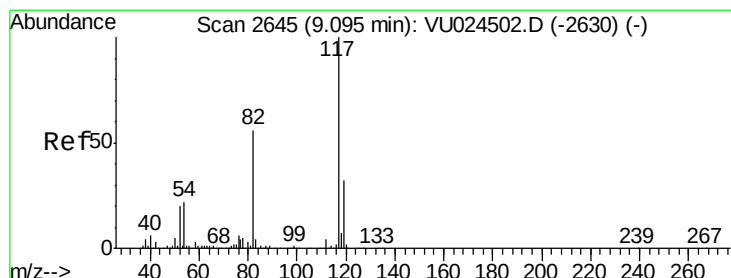
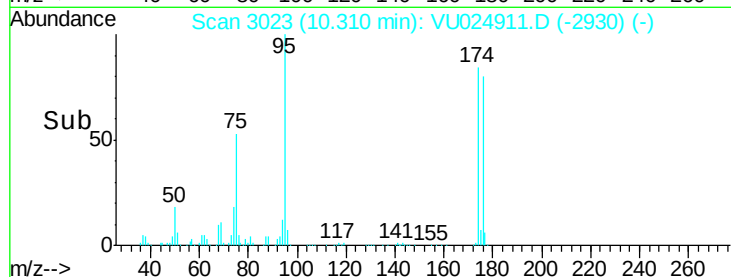
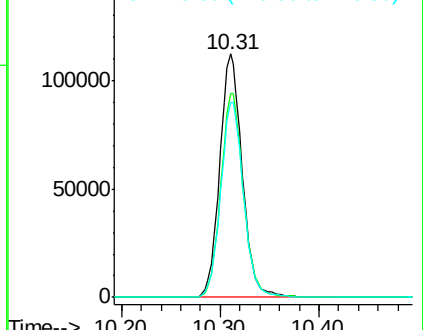
176 81.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024911.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024911.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024911.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

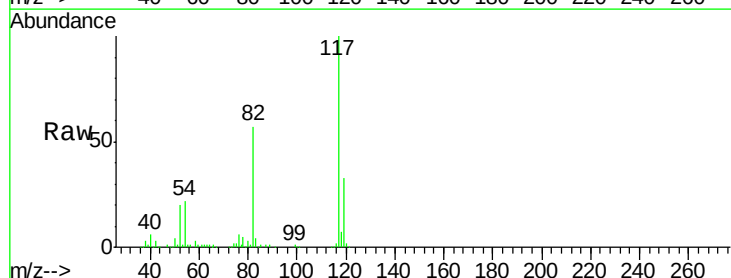
Tgt Ion: 117 Resp: 305148

Ion Ratio Lower Upper

117 100

82 56.9 44.3 66.5

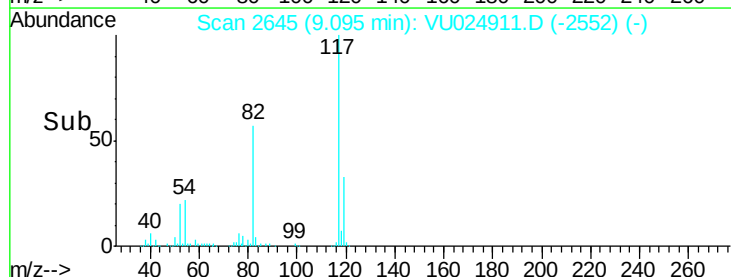
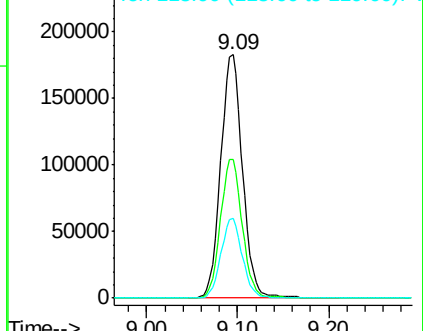
119 32.7 25.4 38.2

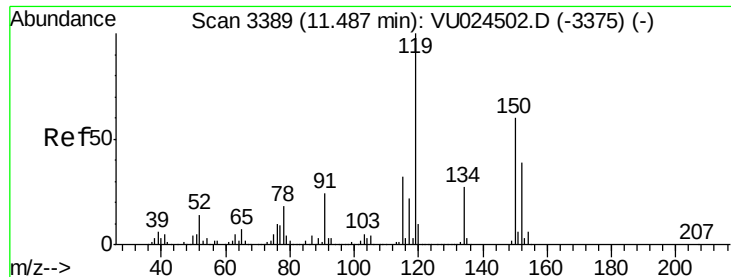


Abundance Ion 116.90 (116.60 to 117.60): VU024911.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024911.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024911.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-31-33-180620ME

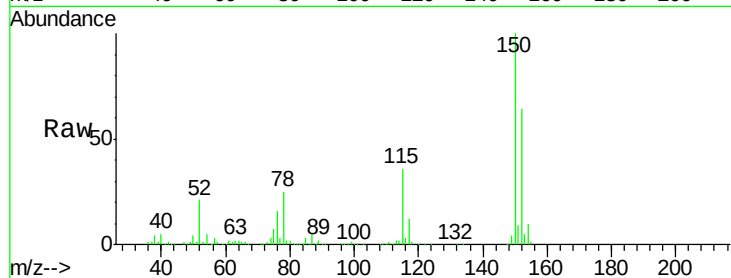
Tgt Ion:152 Resp: 165215

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

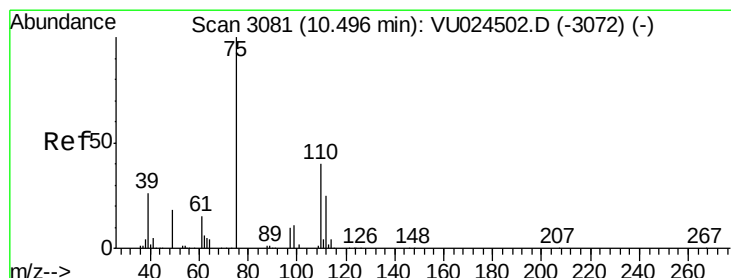
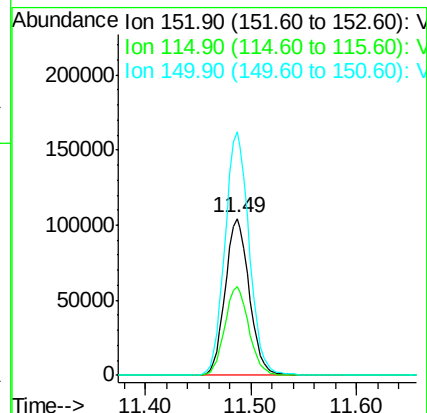
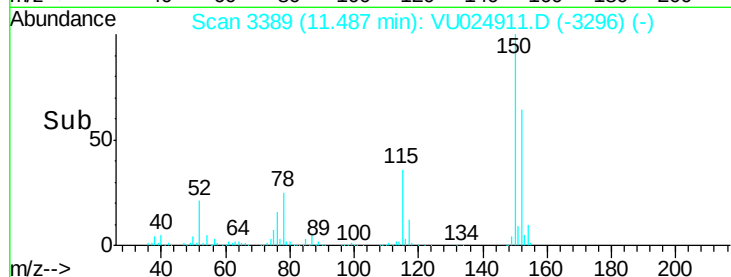
150 156.1 0.0 354.0



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: 25.629 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024911.D

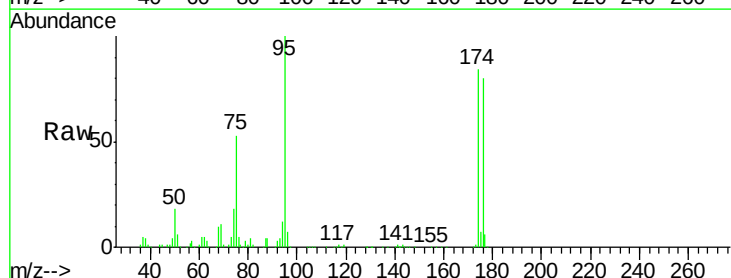
Acq: 26 Jun 2018 06:15

Tgt Ion: 75 Resp: 93224

Ion Ratio Lower Upper

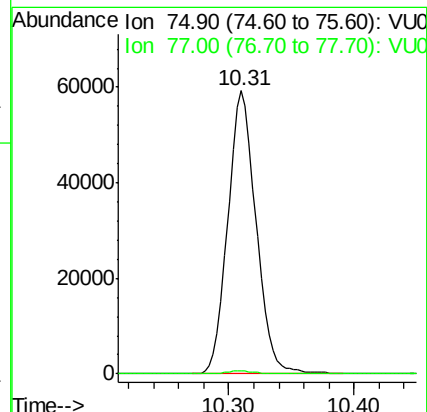
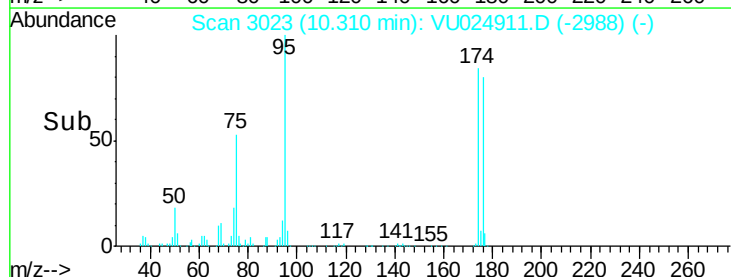
75 100

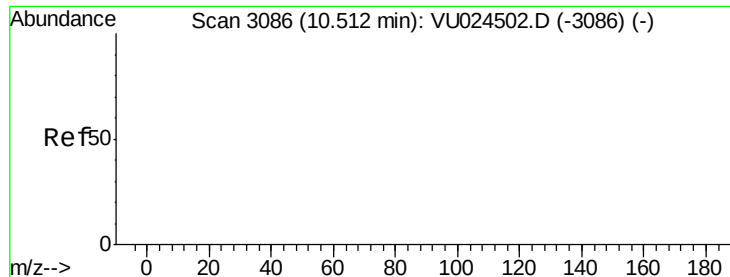
77 1.1 20.9 62.7#



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: 59.316 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-31-33-180620ME

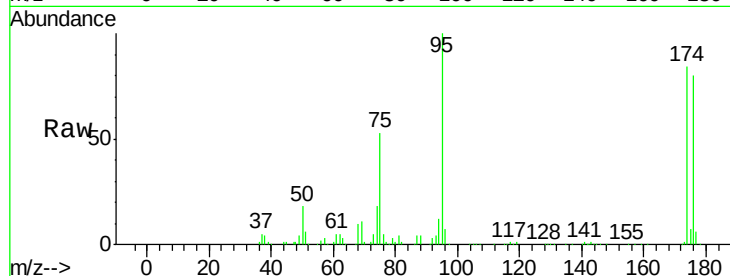
Tgt Ion: 75 Resp: 93224

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

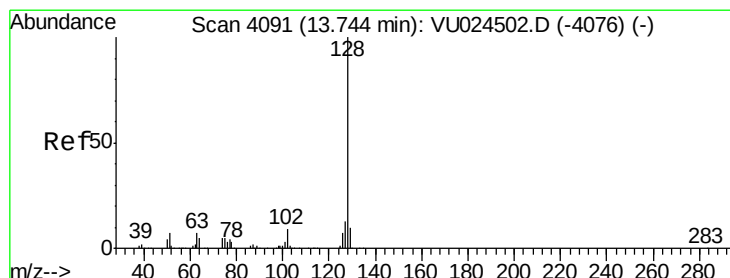
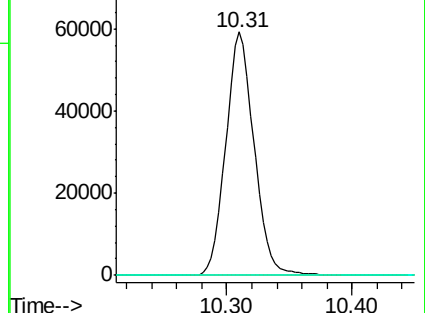
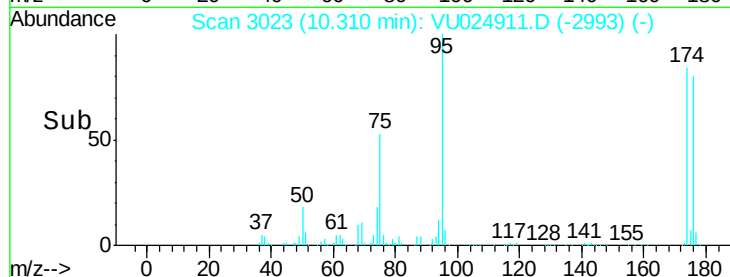
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024911.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU024911.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU024911.D (-2993) (-)



#95

Naphthalene

Concen: 0.682 ug/l

RT: 13.79 min Scan# 4104

Delta R.T. 0.04 min

Lab File: VU024911.D

Acq: 26 Jun 2018 06:15

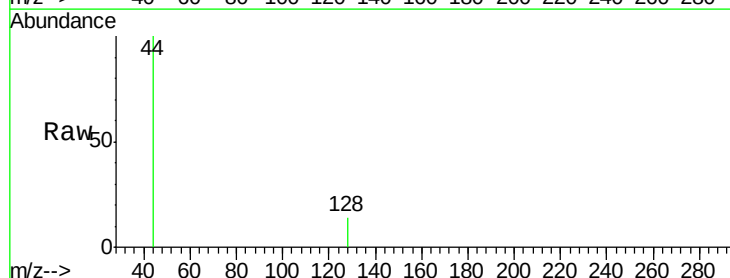
Tgt Ion: 128 Resp: 39

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU024911.D (-3997) (-)

Ion 127.00 (126.70 to 127.70): VU024911.D (-3997) (-)

Ion 129.00 (128.70 to 129.70): VU024911.D (-3997) (-)

