

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062518\
 Data File : VU024915.D
 Acq On : 26 Jun 2018 07:51
 Operator : MD/SY
 Sample : J3669-24ME 200X
 Misc : 4.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-29-31-180620ME

Quant Time: Jun 26 08:42:36 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

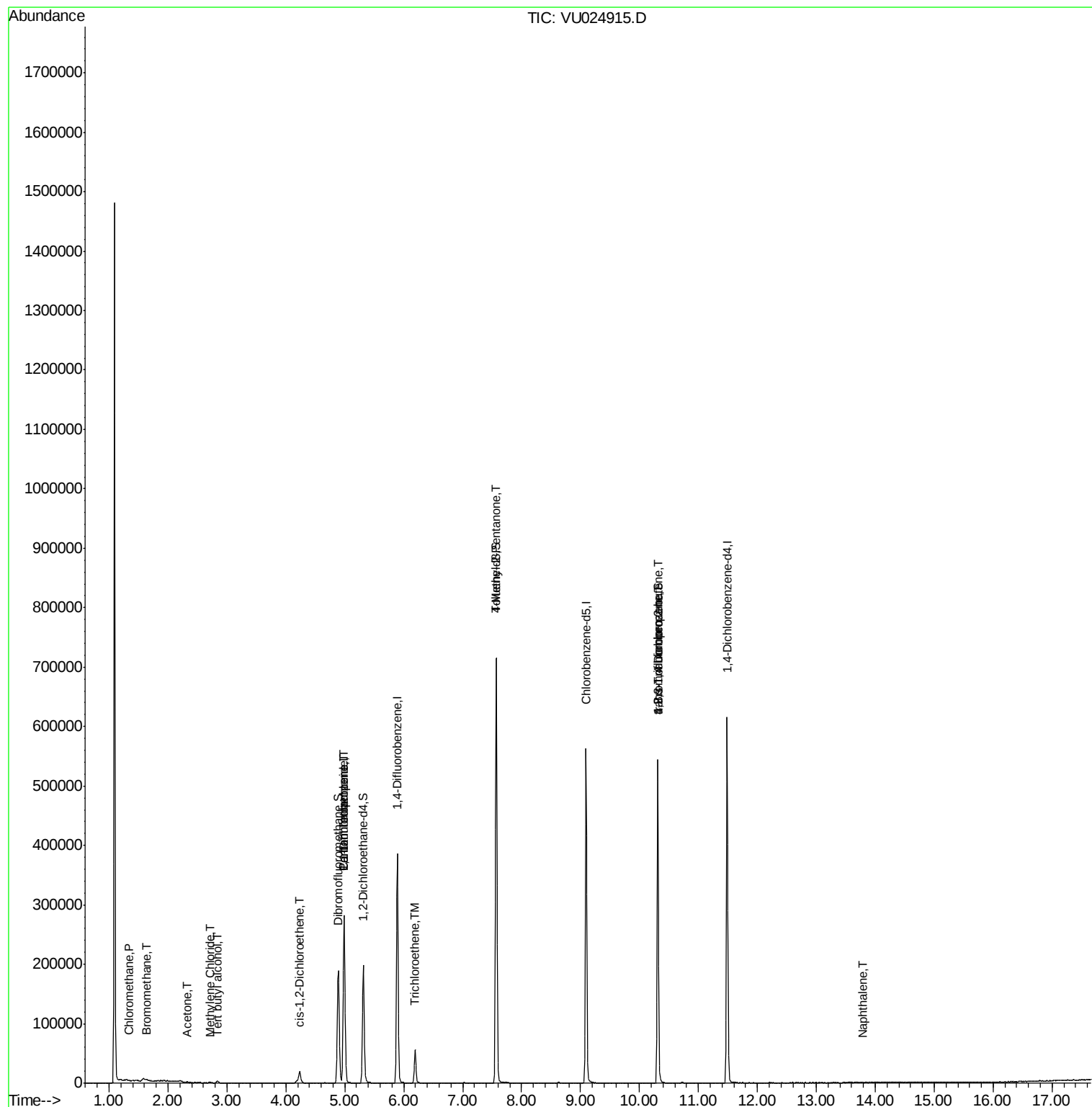
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	216163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	328012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	162982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160620	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
35) Dibromofluoromethane	4.89	113	126386	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	7.57	98	473566	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	175370	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	573	0.207 ug/l #		86
5) Bromomethane	1.64	94	299	0.217 ug/l #		64
6) Chloroethane	1.70	64	62	Below Cal #		43
11) Tert butyl alcohol	2.84	59	1783	2.077 ug/l #		72
16) Acetone	2.33	43	1946	1.026 ug/l #		73
20) Methylene Chloride	2.70	84	642	0.216 ug/l #		74
27) cis-1,2-Dichloroethene	4.23	96	10671	3.424 ug/l		88
31) Cyclohexane	4.98	56	4247	Below Cal #		3
36) 1,1-Dichloropropene	4.99	75	15900	4.125 ug/l #		52
38) Carbon Tetrachloride	4.99	117	21125	4.984 ug/l #		16
44) Trichloroethene	6.19	130	19987	6.394 ug/l		92
51) 4-Methyl-2-Pentanone	7.57	43	2134	0.468 ug/l #		1
76) 1,2,3-Trichloropropane	10.31	75	91774	25.576 ug/l #		35
81) trans-1,4-Dichloro-2-buten	10.31	75	91774	59.194 ug/l #		100
95) Naphthalene	13.78	128	41	0.683 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: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

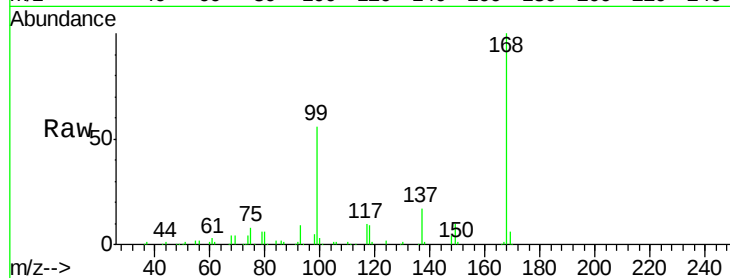
WP021SB479-29-31-180620ME

Tgt Ion:168 Resp: 216163

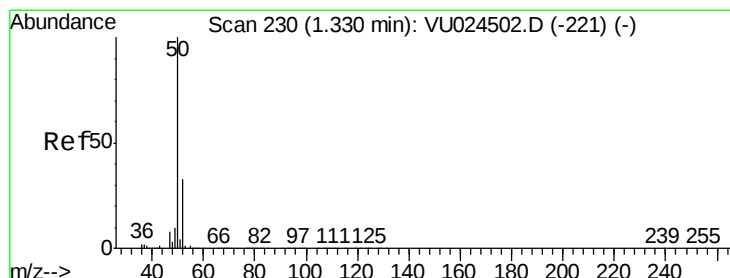
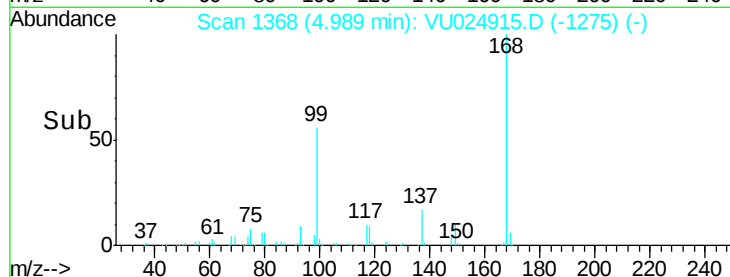
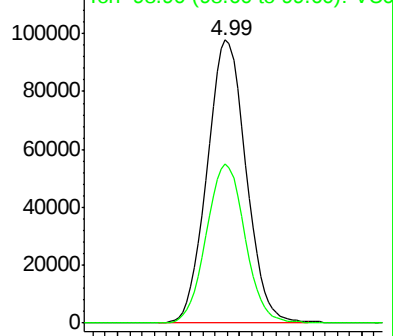
Ion Ratio Lower Upper

168 100

99 56.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024915.D (-1275) (-)



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU024915.D

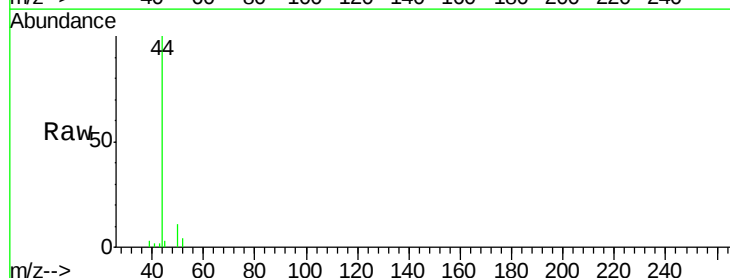
Acq: 26 Jun 2018 07:51

Tgt Ion: 50 Resp: 573

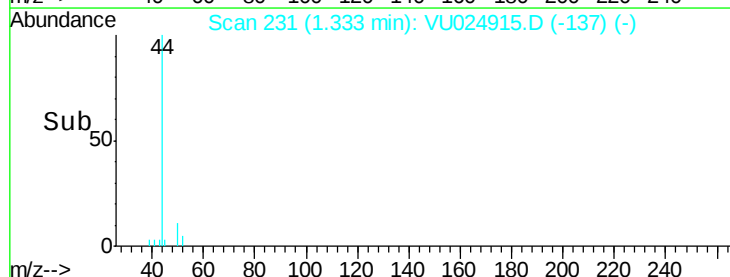
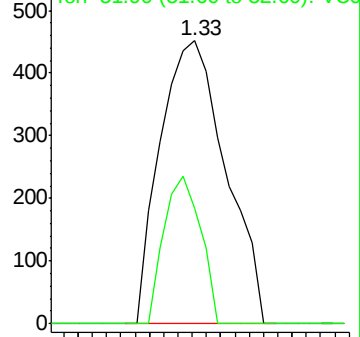
Ion Ratio Lower Upper

50 100

52 40.7 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024915.D (-137) (-)





#5

Bromomethane

Concen: 0.217 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

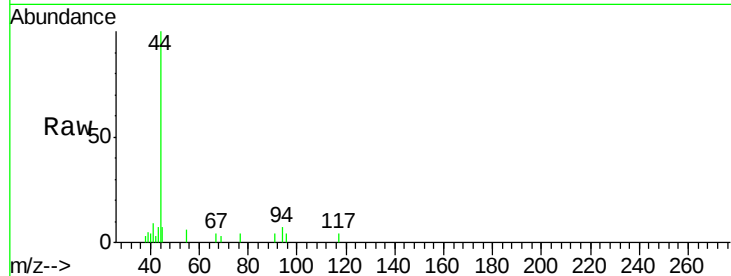
WP021SB479-29-31-180620ME

Tgt Ion: 94 Resp: 299

Ion Ratio Lower Upper

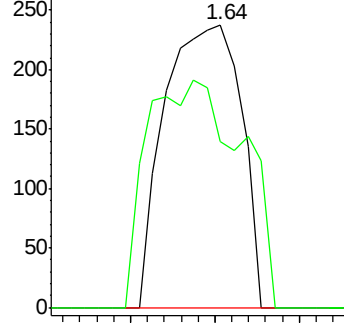
94 100

96 58.8 74.5 111.7#

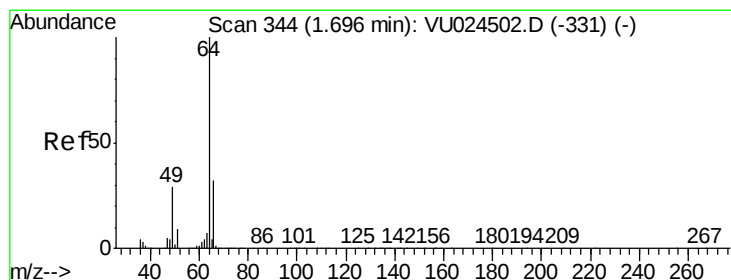
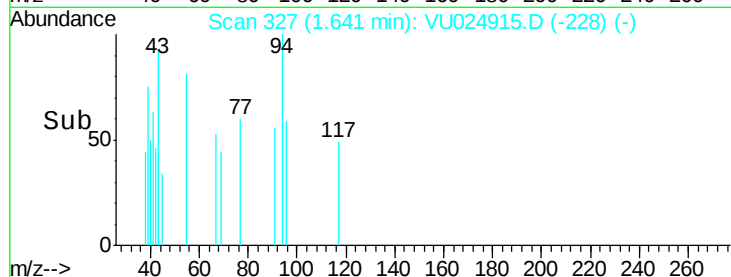


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024915.D

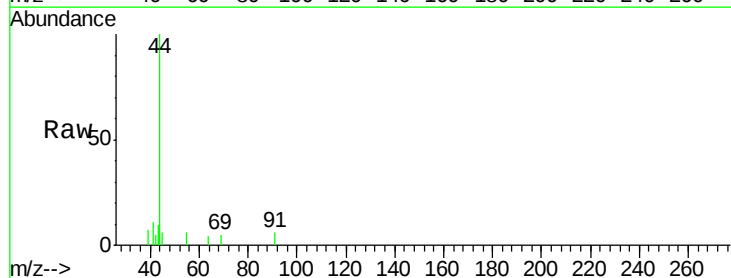
Acq: 26 Jun 2018 07:51

Tgt Ion: 64 Resp: 62

Ion Ratio Lower Upper

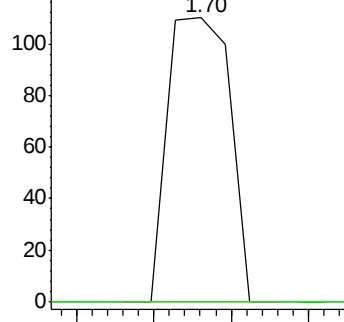
64 100

66 0.0 25.5 38.3#

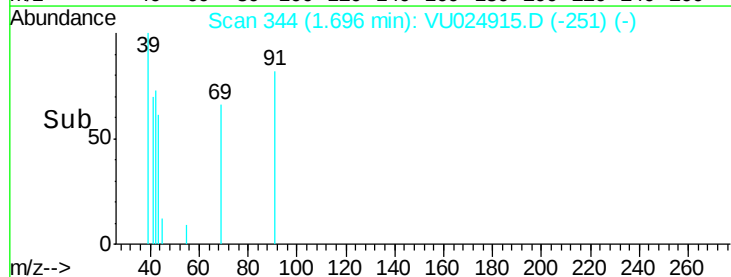


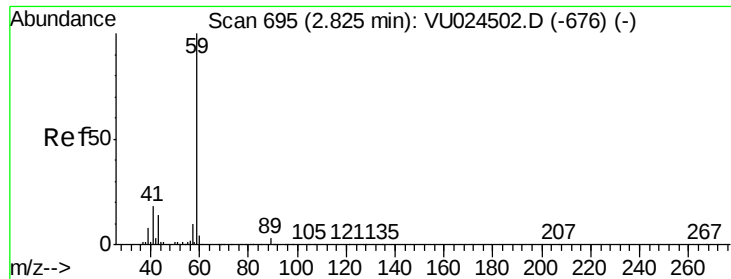
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->

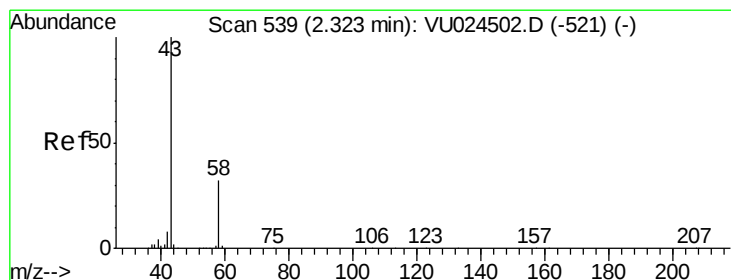
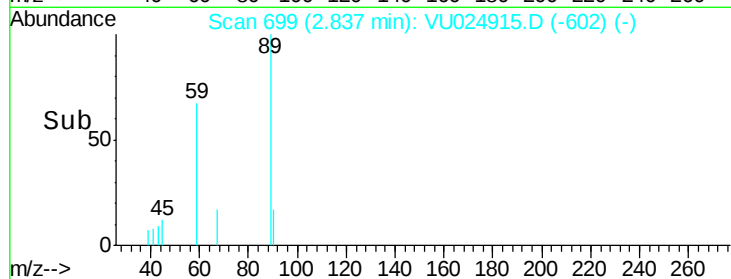
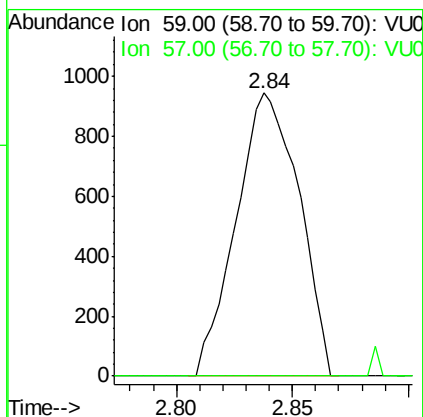
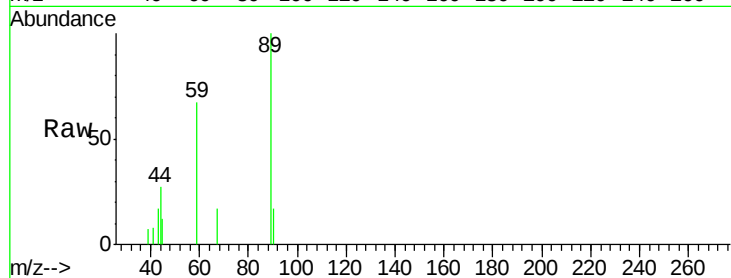




#11
Tert butyl alcohol
Concen: 2.077 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

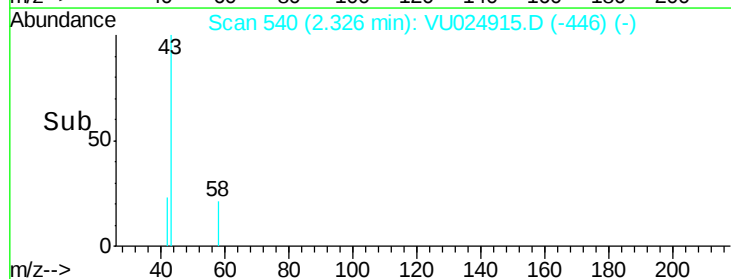
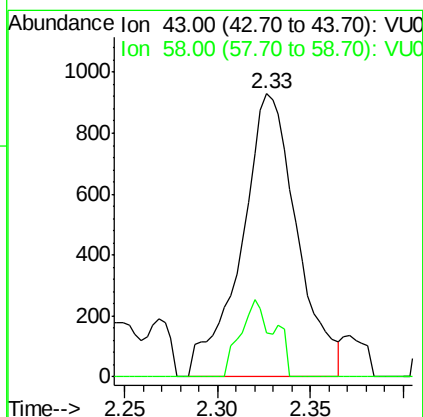
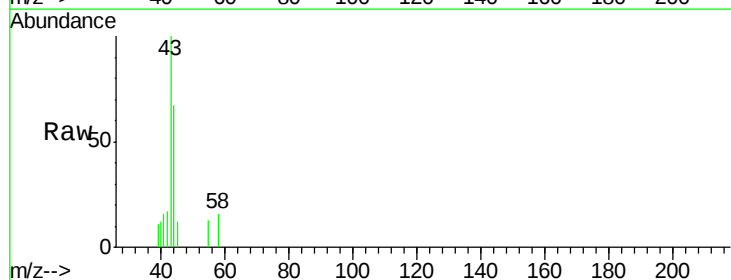
Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-29-31-180620ME

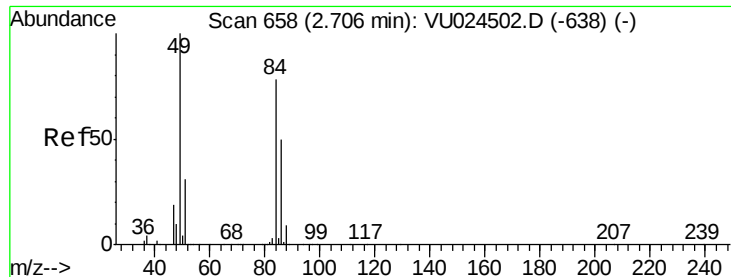
Tgt Ion: 59 Resp: 1783
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.026 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 15.5 24.4 36.6#





#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-29-31-180620ME

Tgt Ion: 84 Resp: 642

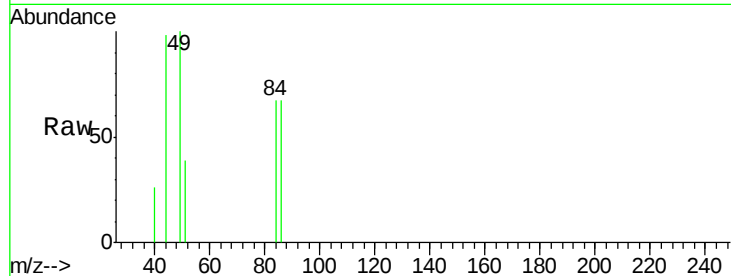
Ion Ratio Lower Upper

84 100

49 148.4 103.8 155.8

51 58.4 32.0 48.0#

86 100.0 51.6 77.4#

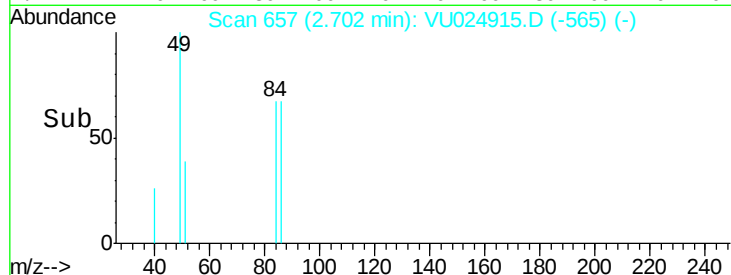
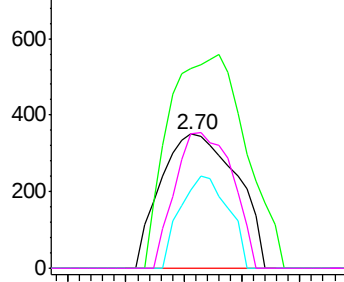


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 3.424 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

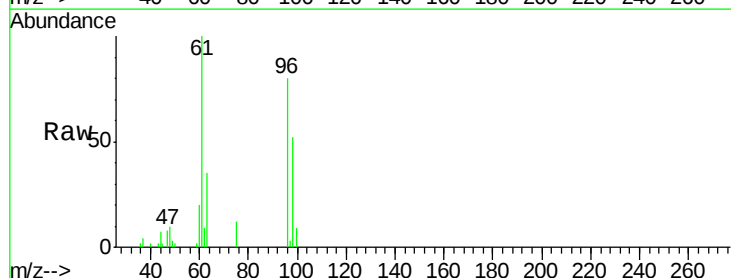
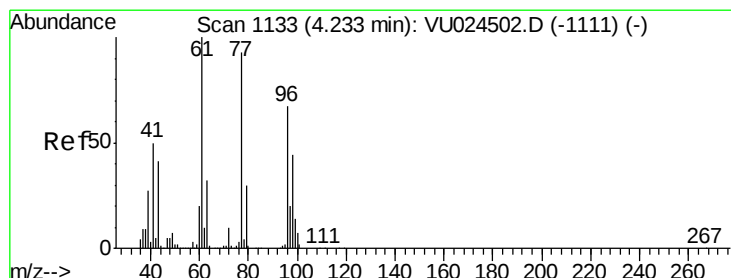
Tgt Ion: 96 Resp: 10671

Ion Ratio Lower Upper

96 100

61 131.9 0.0 306.6

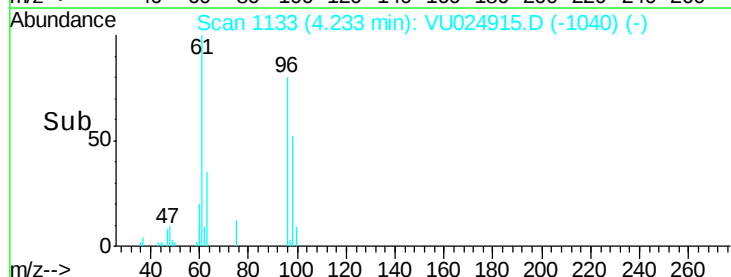
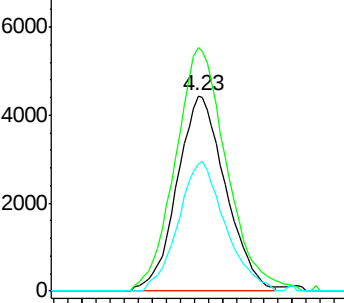
98 64.2 0.0 128.8

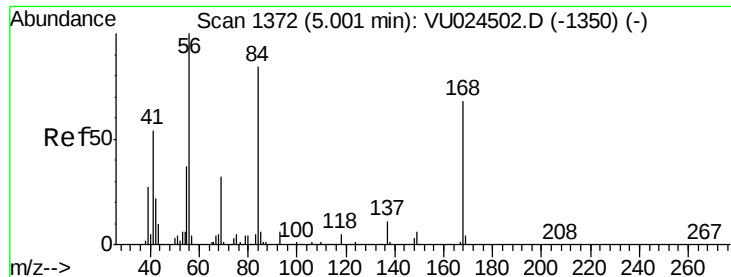


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

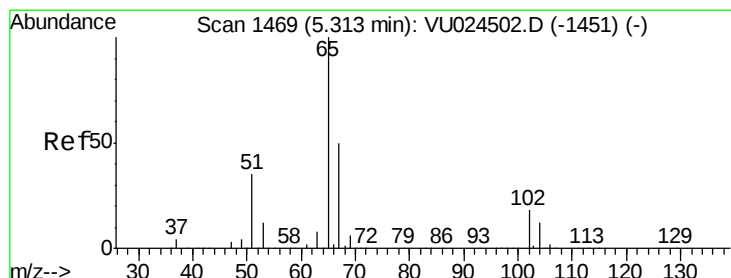
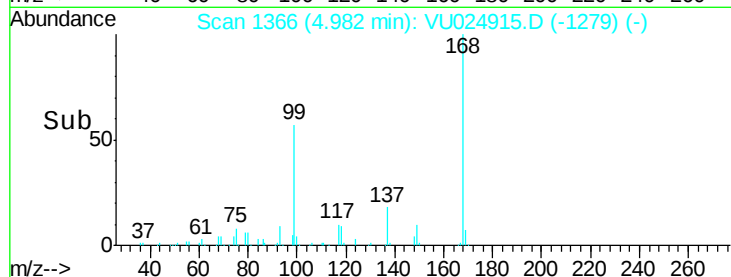
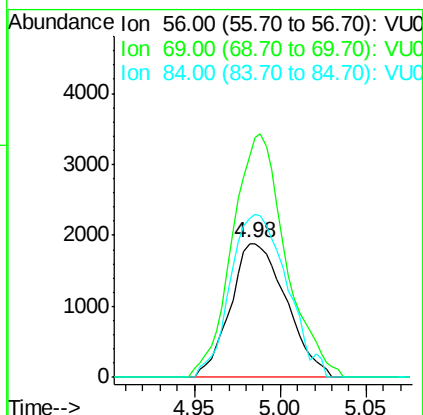
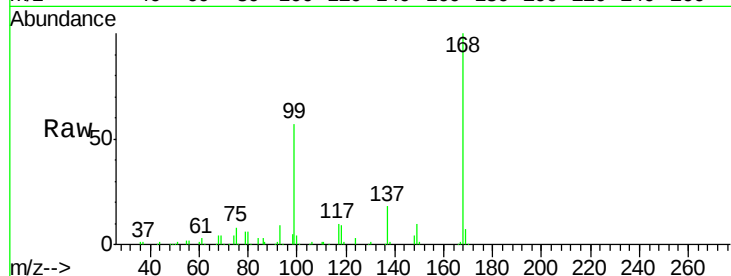




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

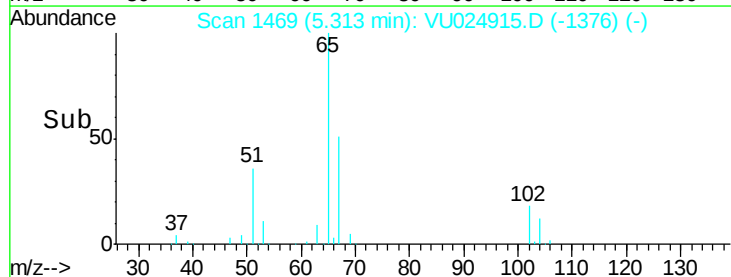
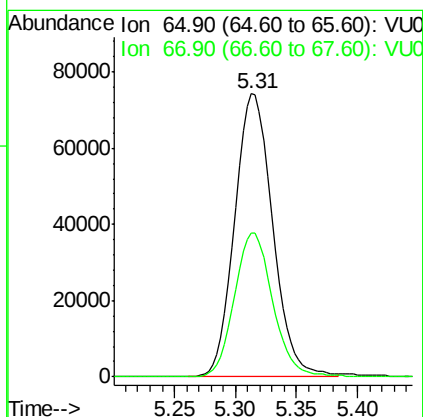
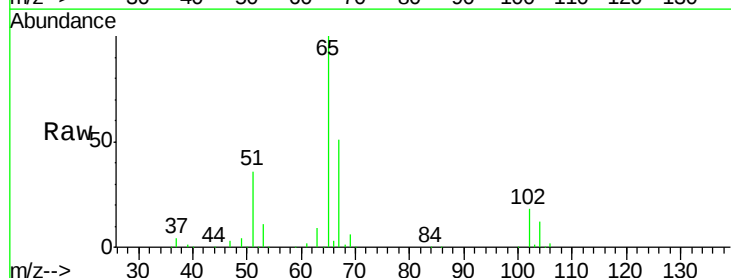
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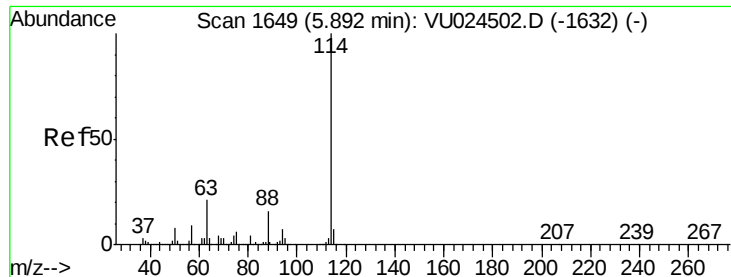
Tgt Ion: 56 Resp: 4247
Ion Ratio Lower Upper
56 100
69 165.1 24.8 37.2#
84 118.3 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 45.516 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

Tgt Ion: 65 Resp: 160620
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.0

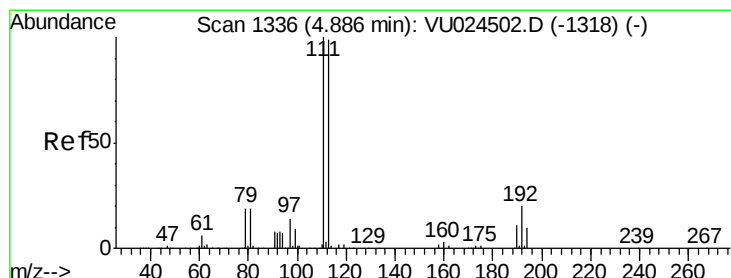
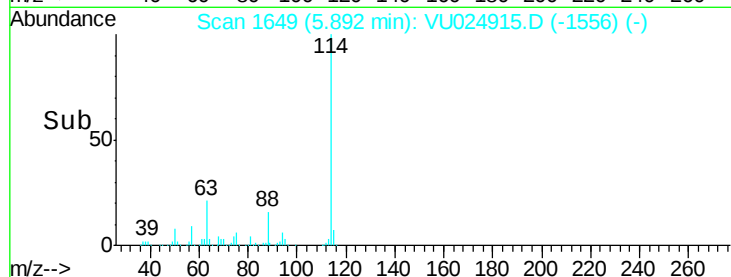
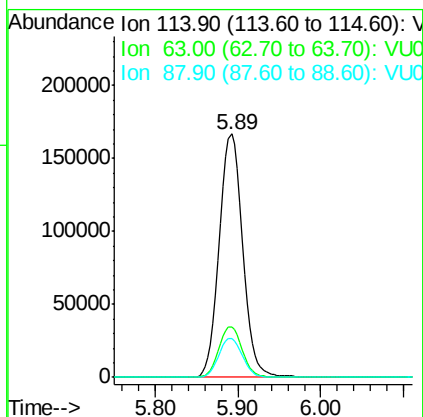
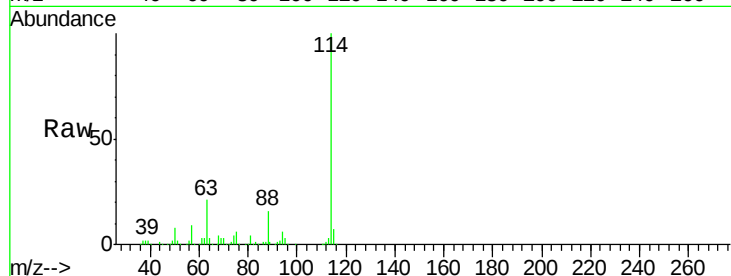




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024915.D
 Acq: 26 Jun 2018 07:51

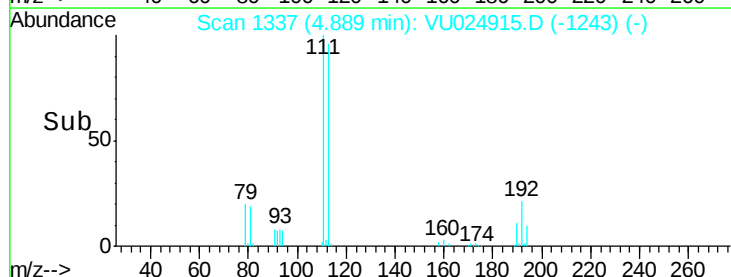
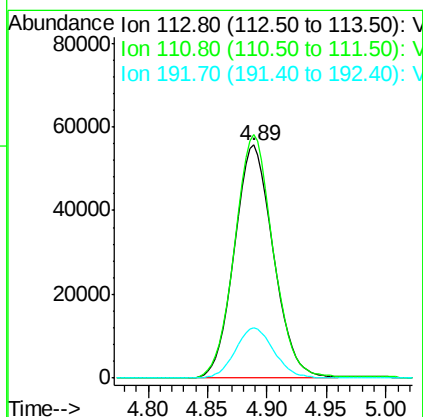
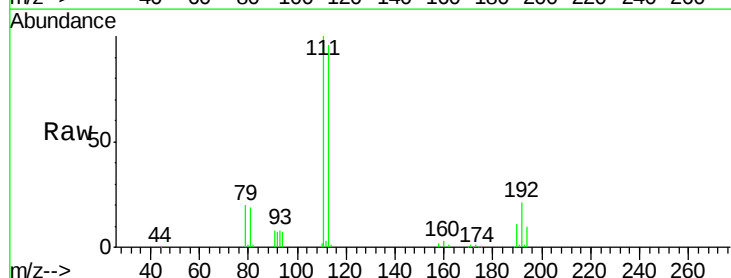
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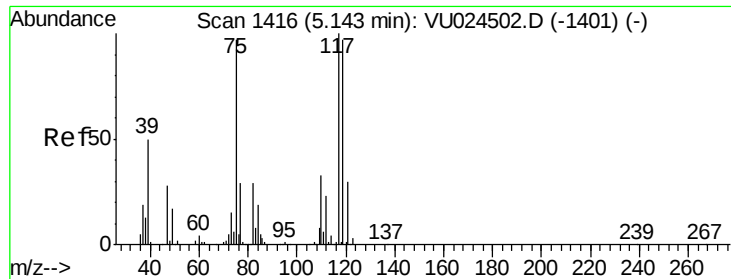
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	45.4
88	15.9	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 46.427 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024915.D
 Acq: 26 Jun 2018 07:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	21.6	16.2	24.4





#36

1,1-Dichloropropene

Concen: 4.125 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-29-31-180620ME

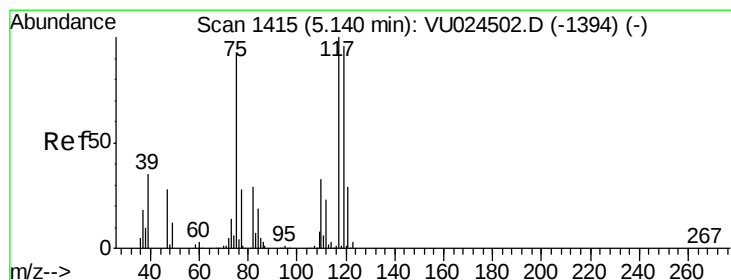
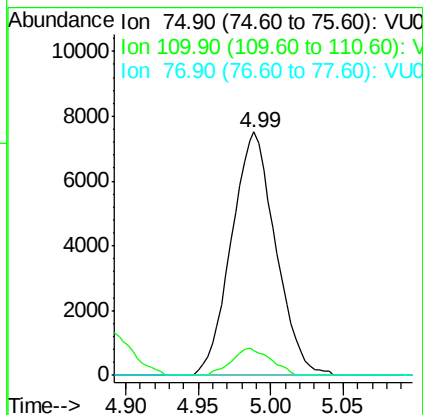
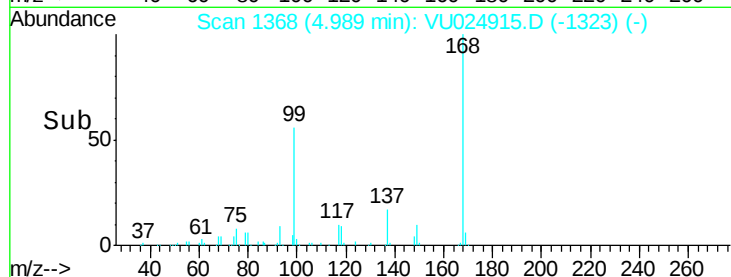
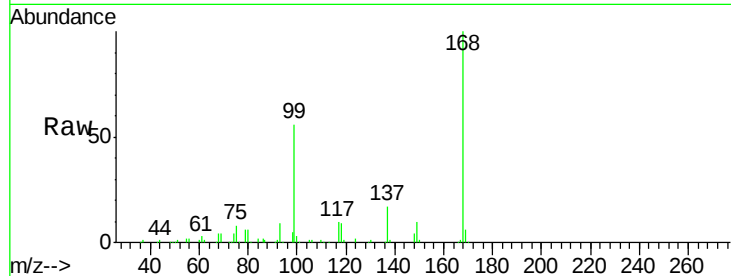
Tgt Ion: 75 Resp: 15900

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 4.984 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

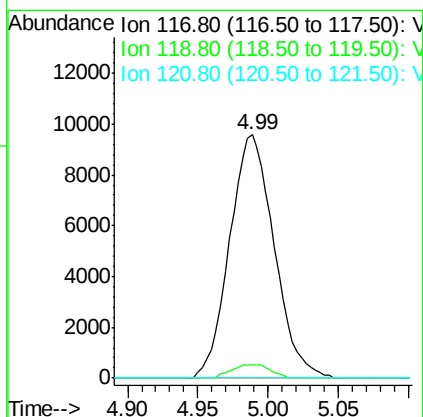
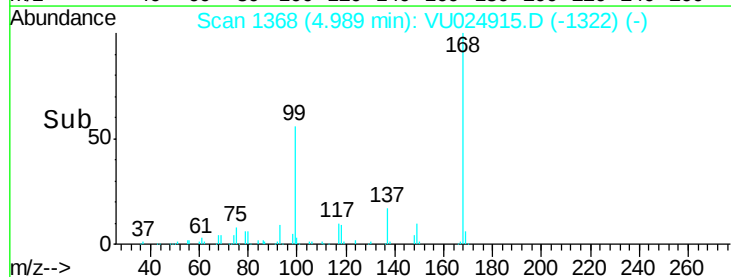
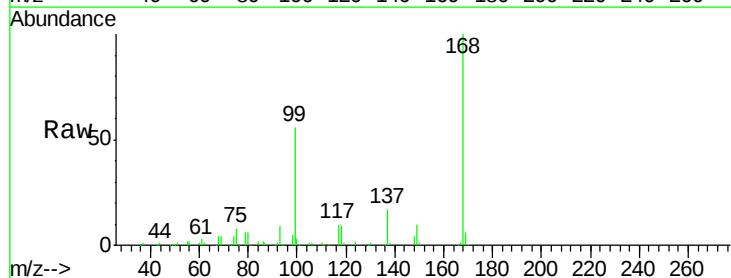
Tgt Ion: 117 Resp: 21125

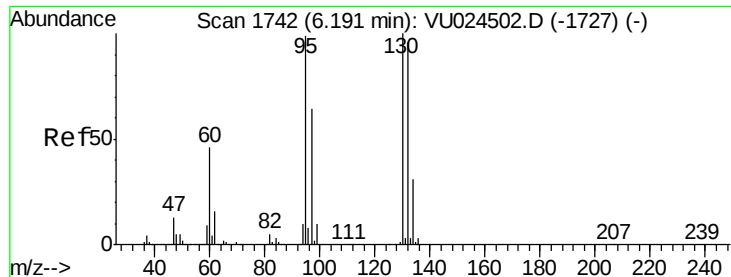
Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

121 0.0 23.7 35.5#





#44

Trichloroethene

Concen: 6.394 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

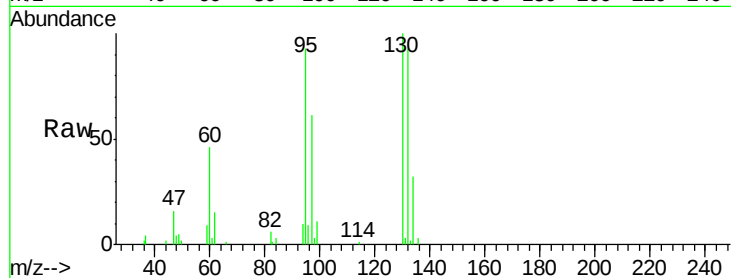
WP021SB479-29-31-180620ME

Tgt Ion:130 Resp: 19987

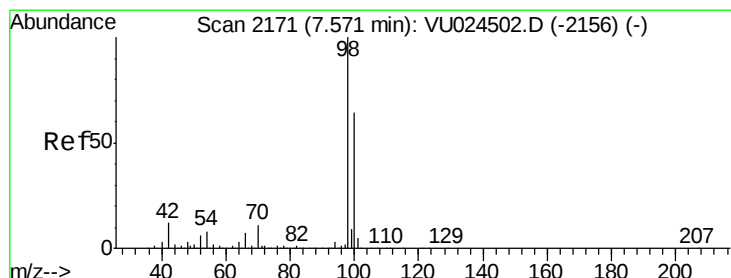
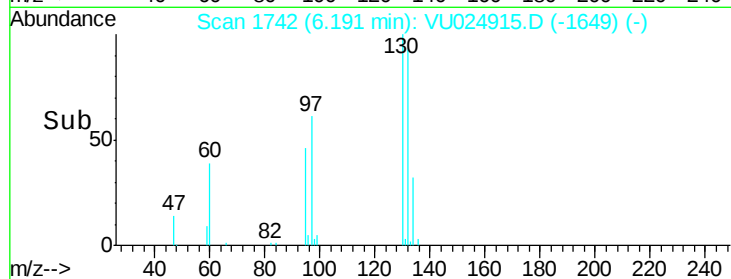
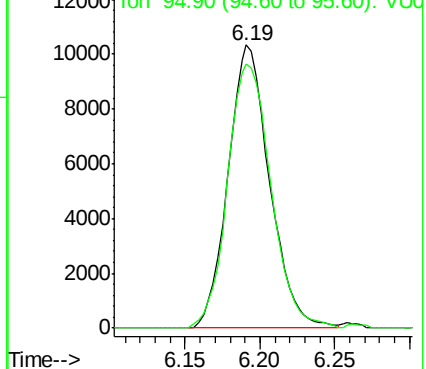
Ion Ratio Lower Upper

130 100

95 93.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)



#50

Toluene-d8

Concen: 47.692 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024915.D

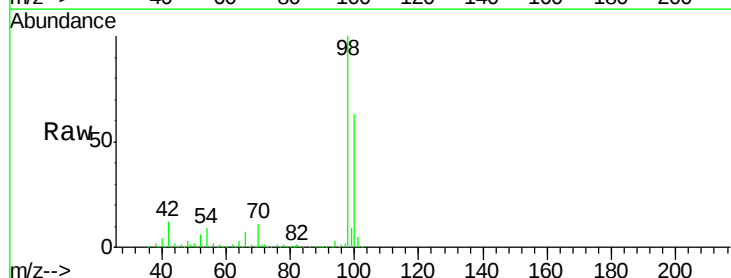
Acq: 26 Jun 2018 07:51

Tgt Ion: 98 Resp: 473566

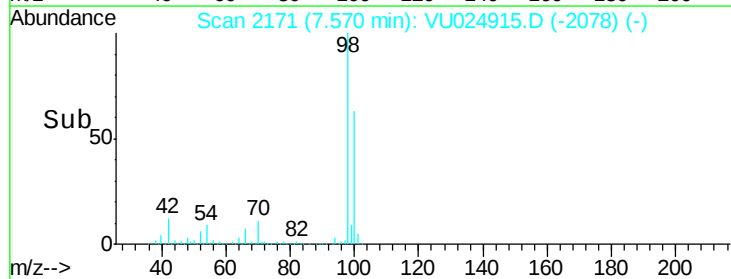
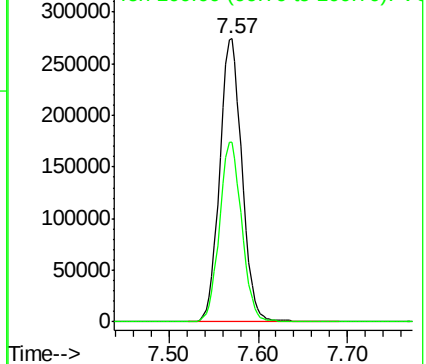
Ion Ratio Lower Upper

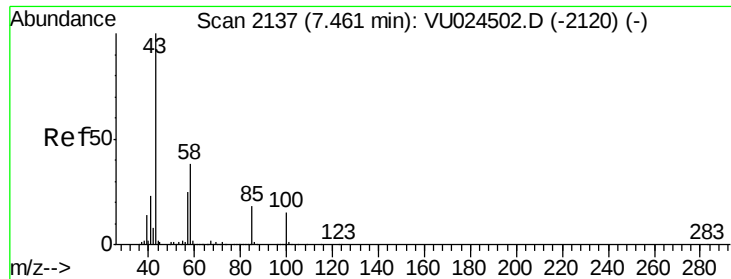
98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.11 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

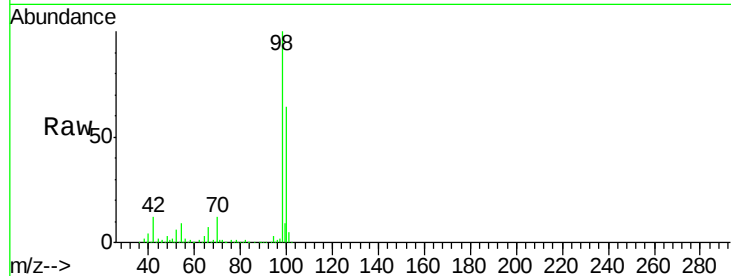
WP021SB479-29-31-180620ME

Tgt Ion: 43 Resp: 2134

Ion Ratio Lower Upper

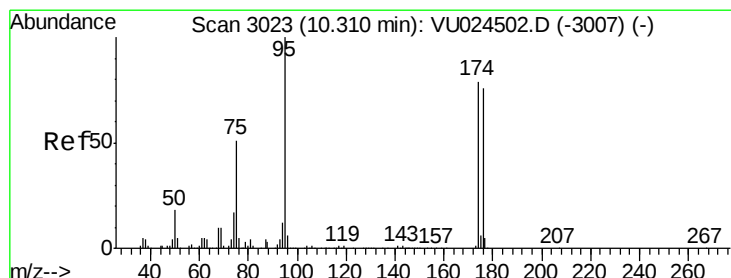
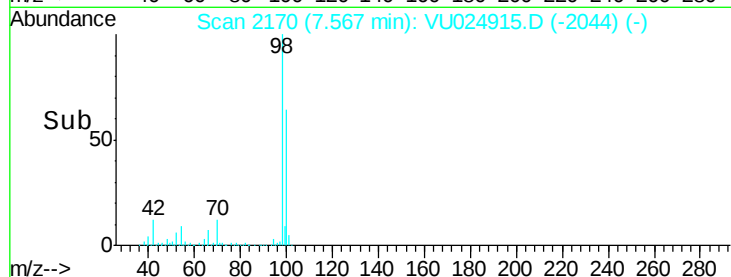
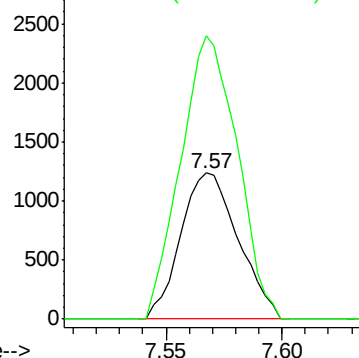
43 100

58 190.3 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.482 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

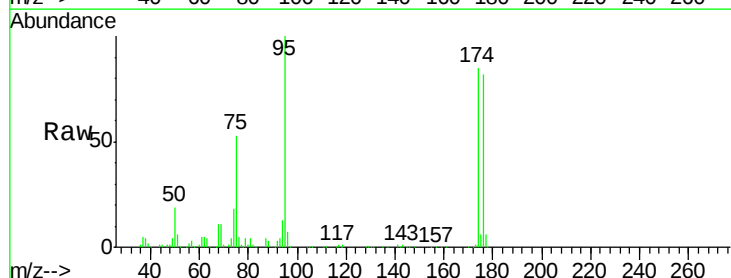
Tgt Ion: 95 Resp: 175370

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

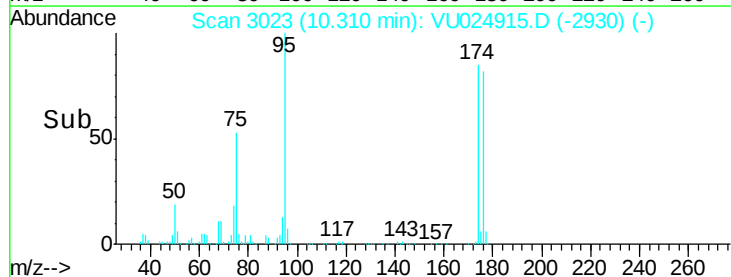
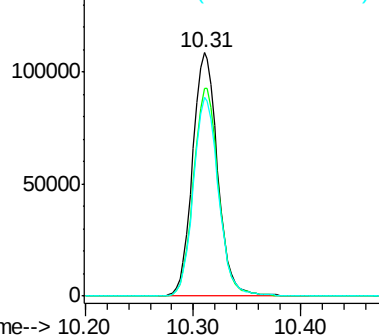
176 82.0 0.0 159.4

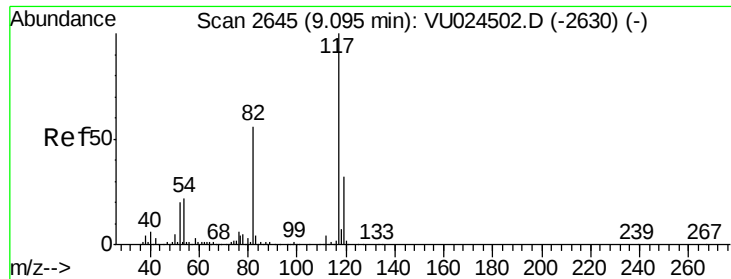


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

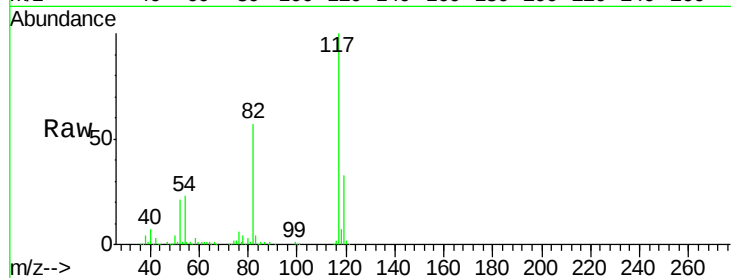




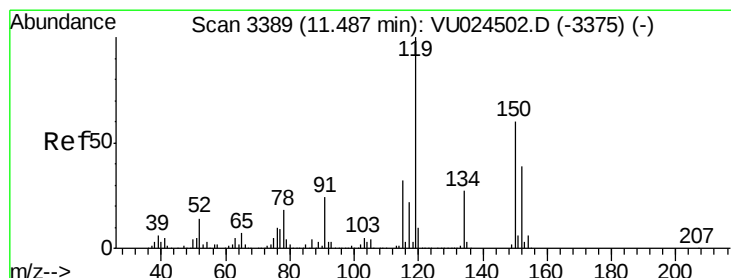
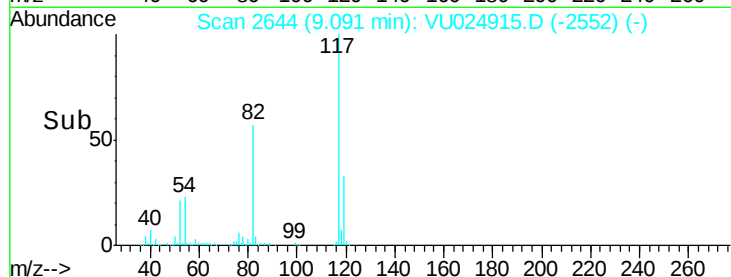
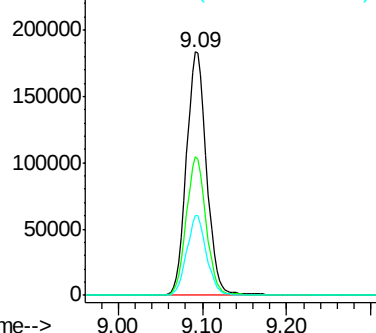
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-29-31-180620ME

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	32.8	25.4	38.2

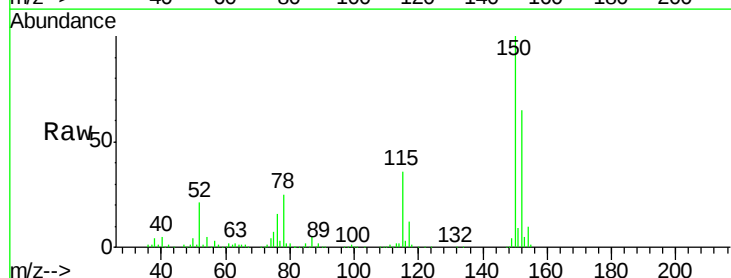


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

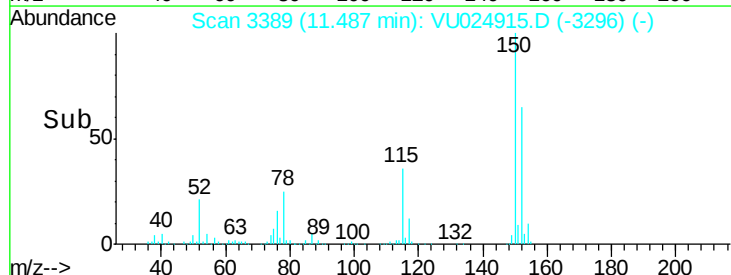
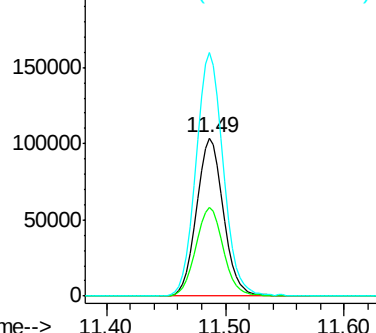


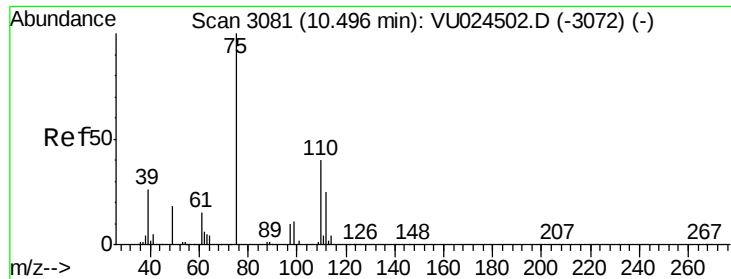
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024915.D
Acq: 26 Jun 2018 07:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	43.0	129.0
150	156.2	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: 25.576 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

Instrument :

MSVOA_U

ClientSampleId :

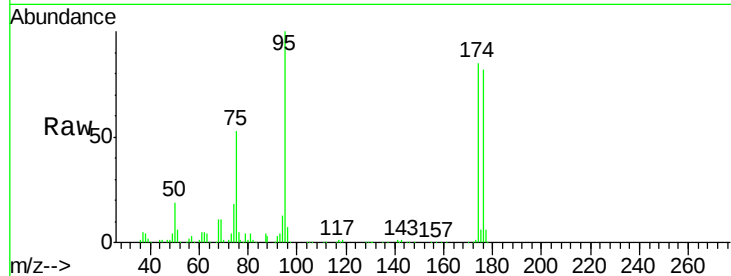
WP021SB479-29-31-180620ME

Tgt Ion: 75 Resp: 91774

Ion Ratio Lower Upper

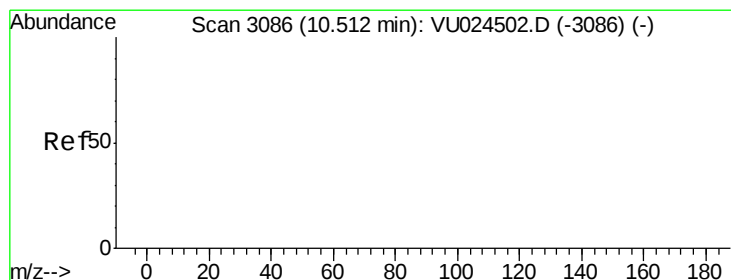
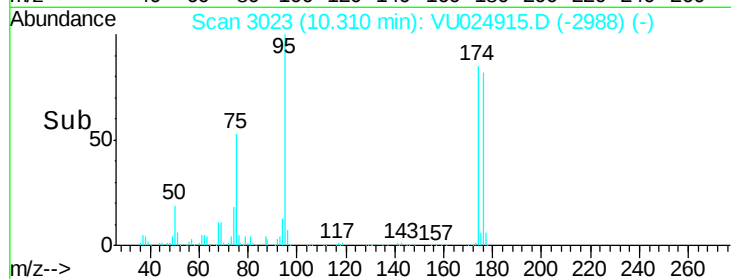
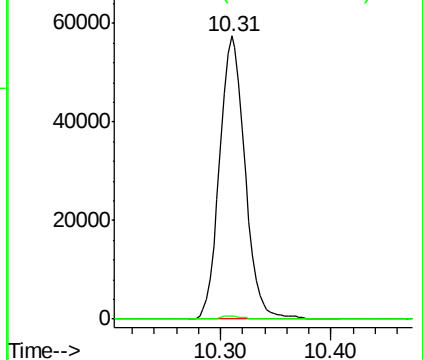
75 100

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: 59.194 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024915.D

Acq: 26 Jun 2018 07:51

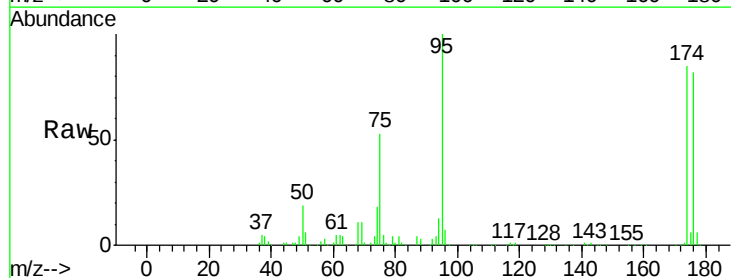
Tgt Ion: 75 Resp: 91774

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

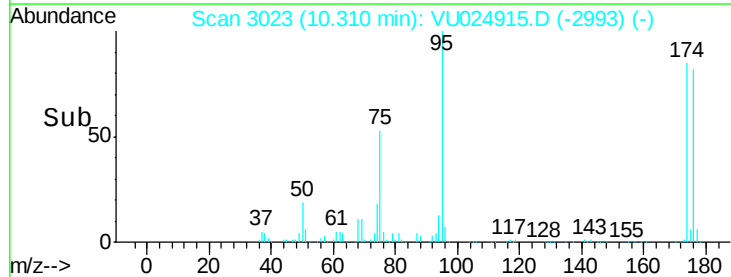
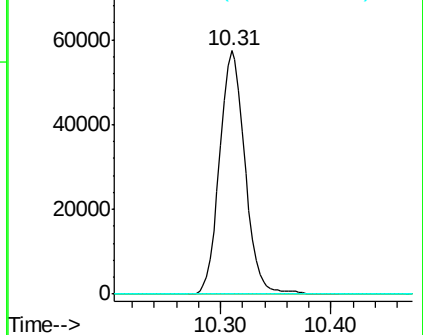
89 0.0 0.0 0.0

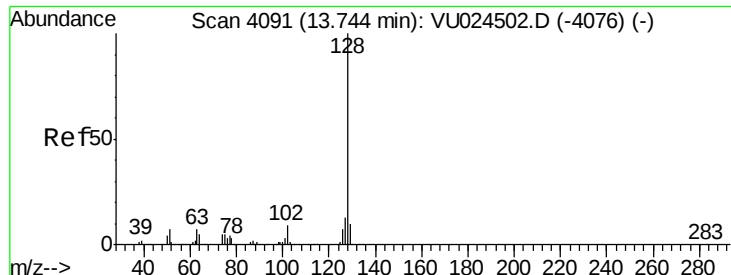


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#95
 Naphthalene
 Concen: 0.683 ug/l
 RT: 13.78 min Scan# 4102
 Delta R.T. 0.04 min
 Lab File: VU024915.D
 Acq: 26 Jun 2018 07:51

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-29-31-180620ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

