

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027166.D
 Acq On : 26 Sep 2018 10:47
 Operator : MD/SY
 Sample : J5032-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

Quant Time: Sep 27 01:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

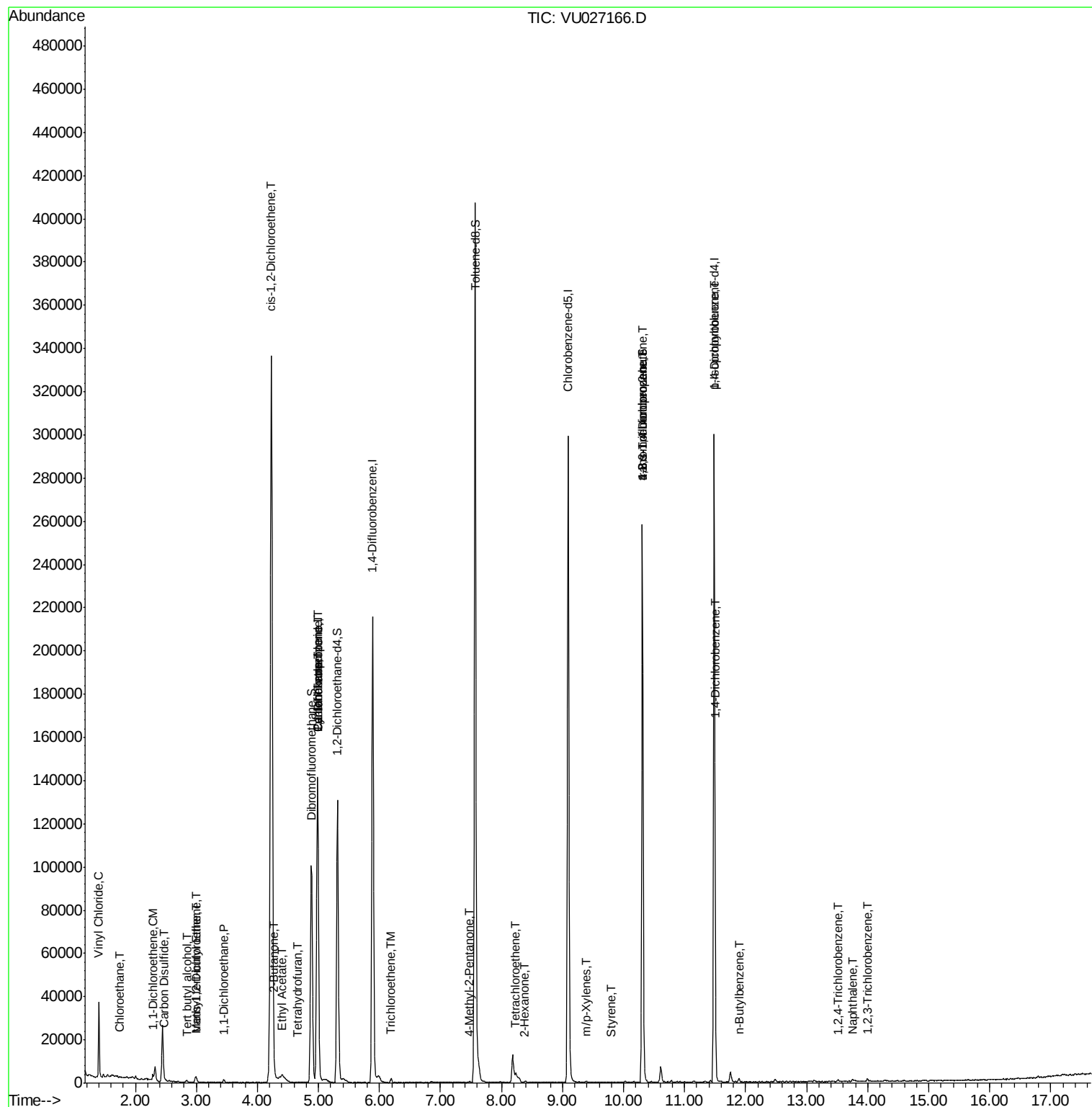
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166887	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99950	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	4.88	113	69227	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	7.57	98	263574	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	10.31	95	84927	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	21781	10.524	ug/l	98
6) Chloroethane	1.75	64	269	0.203	ug/l #	43
11) Tert butyl alcohol	2.83	59	995	2.190	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	684	0.503	ug/l	82
16) Acetone	2.32	43	6863	Below Cal		99
17) Carbon Disulfide	2.48	76	972	0.219	ug/l #	75
19) Methyl tert-butyl Ether	3.01	73	1322	0.264	ug/l #	86
21) trans-1,2-Dichloroethene	2.99	96	862	0.593	ug/l #	80
24) 1,1-Dichloroethane	3.45	63	1697	0.522	ug/l #	84
25) 2-Butanone	4.28	43	423	0.254	ug/l #	53
27) cis-1,2-Dichloroethene	4.23	96	174104	106.146	ug/l	92
29) Tetrahydrofuran	4.66	42	279	0.277	ug/l #	37
31) Cyclohexane	4.99	56	2703	0.344	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9622	4.320	ug/l #	49
37) Ethyl Acetate	4.40	43	2000	0.663	ug/l #	70
38) Carbon Tetrachloride	4.98	117	10784	5.088	ug/l #	19
44) Trichloroethene	6.19	130	723	0.502	ug/l	100
51) 4-Methyl-2-Pentanone	7.48	43	680	0.230	ug/l #	38
59) 2-Hexanone	8.38	43	539	0.233	ug/l #	57
64) Tetrachloroethene	8.23	164	263	0.217	ug/l	95
68) m/p-Xylenes	9.38	106	173	1.562	ug/l #	61
70) Styrene	9.81	104	137	1.839	ug/l #	34
76) 1,2,3-Trichloropropane	10.31	75	46590	21.437	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	46590	68.601	ug/l #	100
86) p-Isopropyltoluene	11.48	119	642	1.051	ug/l #	79
88) 1,4-Dichlorobenzene	11.51	146	709	0.263	ug/l #	58
89) n-Butylbenzene	11.89	91	859	2.558	ug/l	96
93) 1,2,4-Trichlorobenzene	13.51	180	545	0.360	ug/l #	81
95) Naphthalene	13.75	128	1824	1.987	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.00	180	638	0.393	ug/l #	86

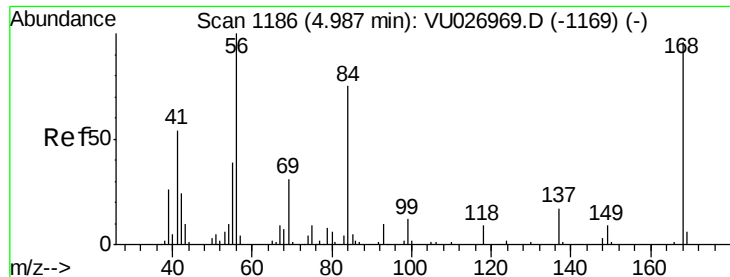
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

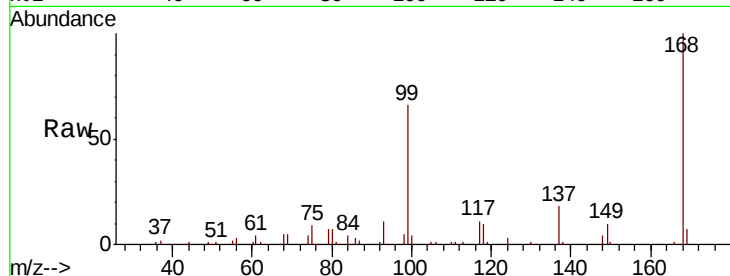
MW-16-092018

Tgt Ion:168 Resp: 98494

Ion Ratio Lower Upper

168 100

99 65.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

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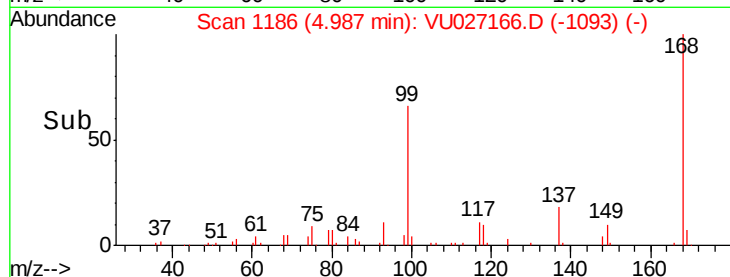
4.99

4.99

4.99

4.99

4.99



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.99

4.99

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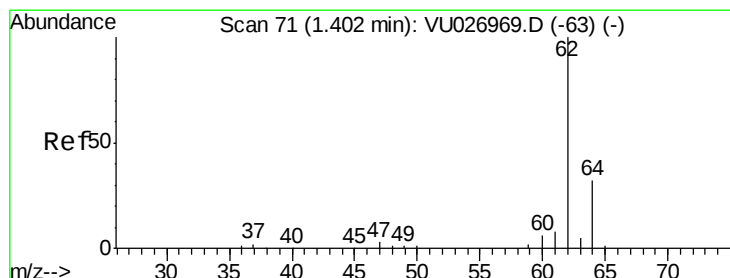
4.99

4.99

4.99

4.99

4.99



#4

Vinyl Chloride

Concen: 10.524 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027166.D

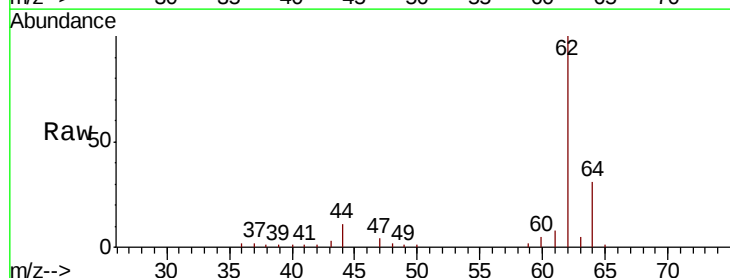
Acq: 26 Sep 2018 10:47

Tgt Ion: 62 Resp: 21781

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

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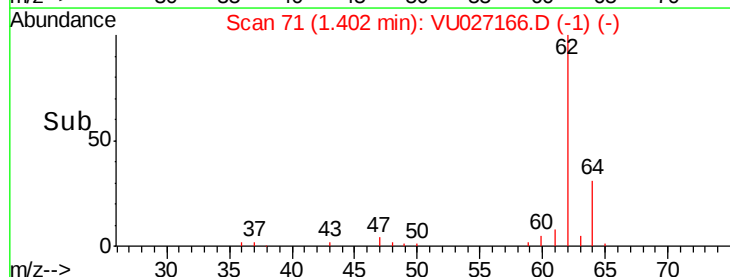
1.40

1.40

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1.40

1.40



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

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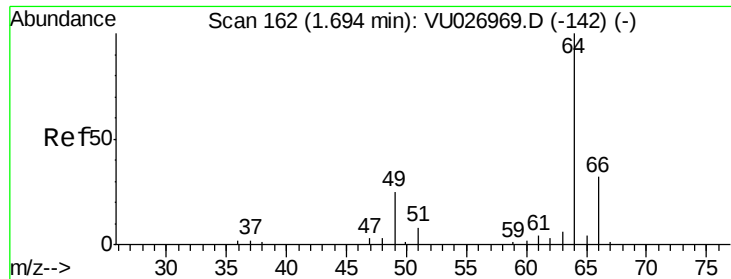
1.40

1.40

1.40

1.40

1.40



#6

Chloroethane

Concen: 0.203 ug/l

RT: 1.75 min Scan# 178

Delta R.T. 0.05 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

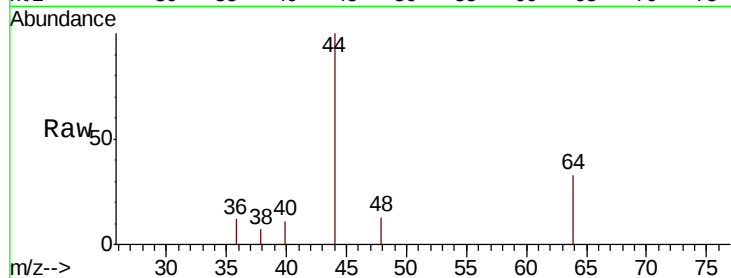
MW-16-092018

Tgt Ion: 64 Resp: 269

Ion Ratio Lower Upper

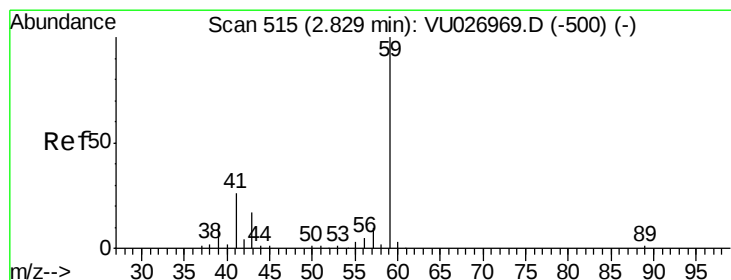
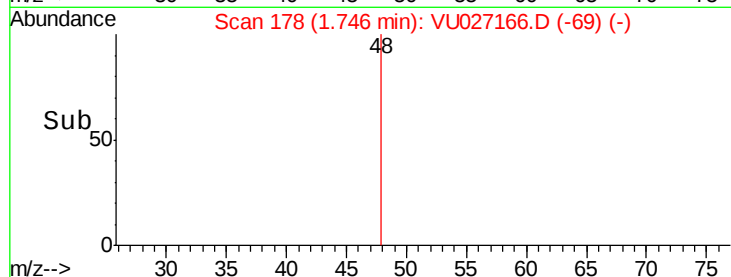
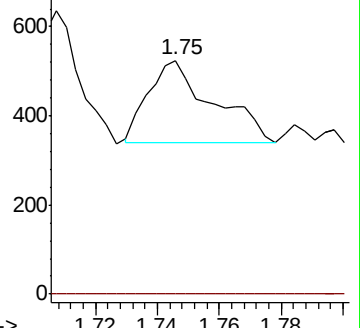
64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#11

Tert butyl alcohol

Concen: 2.190 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027166.D

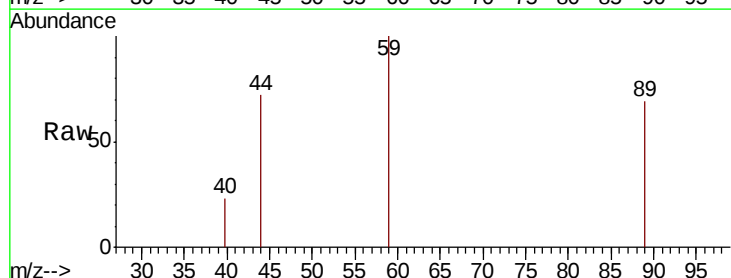
Acq: 26 Sep 2018 10:47

Tgt Ion: 59 Resp: 995

Ion Ratio Lower Upper

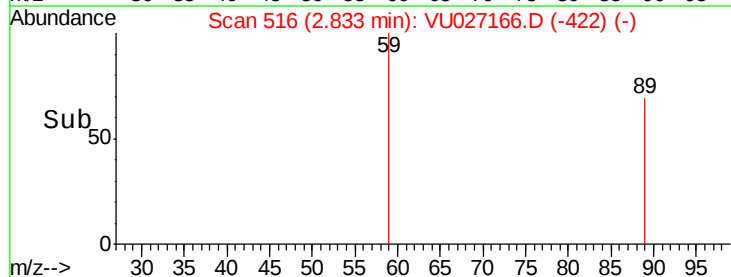
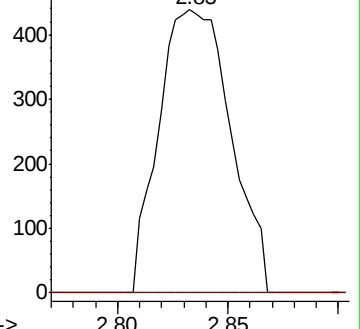
59 100

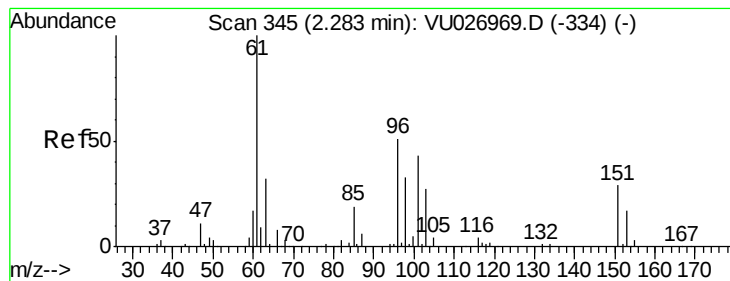
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#12

1,1-Dichloroethene

Concen: 0.503 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

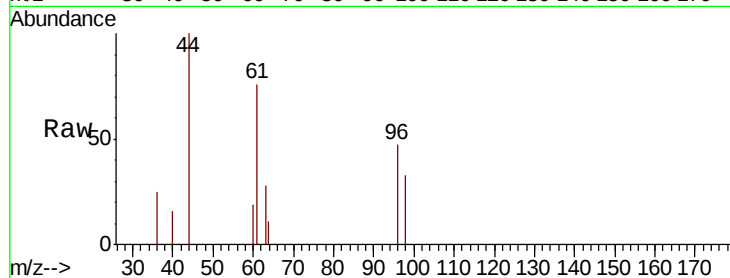
Tgt Ion: 96 Resp: 684

Ion Ratio Lower Upper

96 100

61 163.5 156.1 234.1

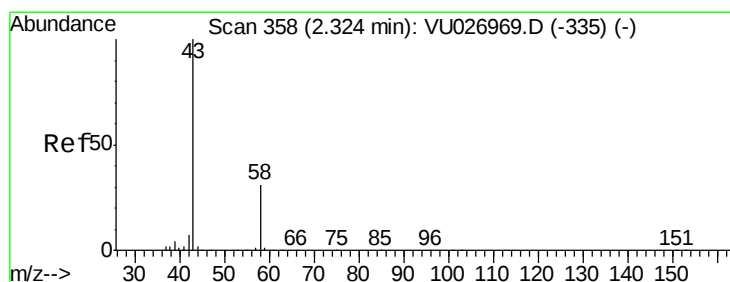
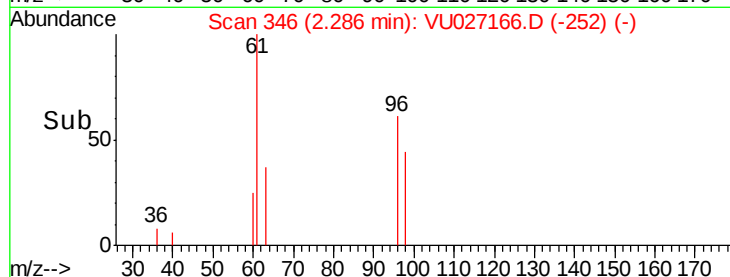
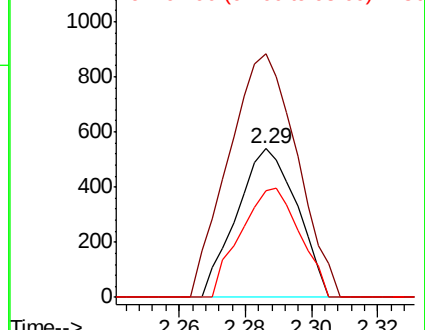
98 71.5 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VU027166.D (-252) (-)

Ion 60.90 (60.60 to 61.60): VU027166.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU027166.D (-252) (-)



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027166.D

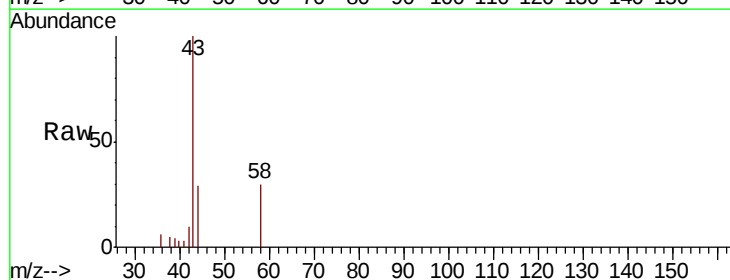
Acq: 26 Sep 2018 10:47

Tgt Ion: 43 Resp: 6863

Ion Ratio Lower Upper

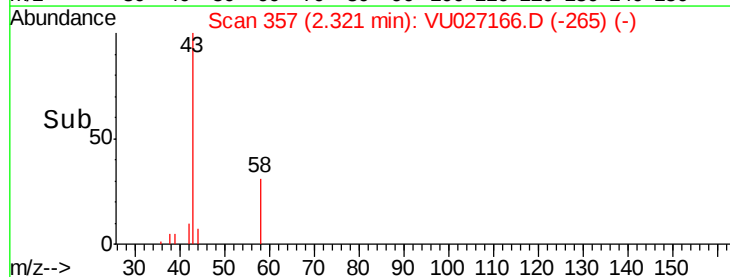
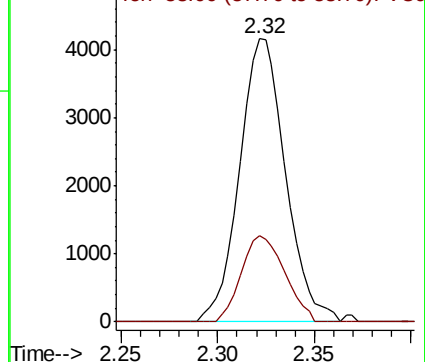
43 100

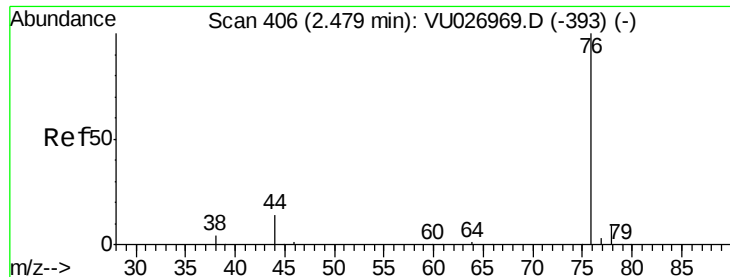
58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027166.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027166.D (-265) (-)

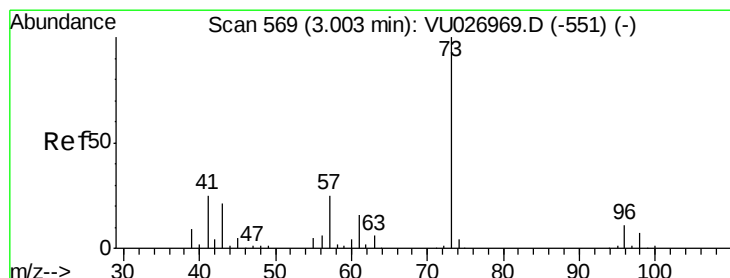
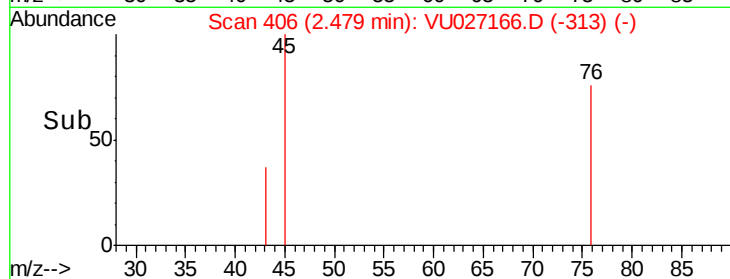
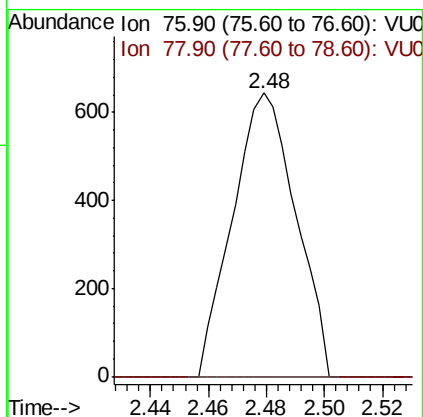
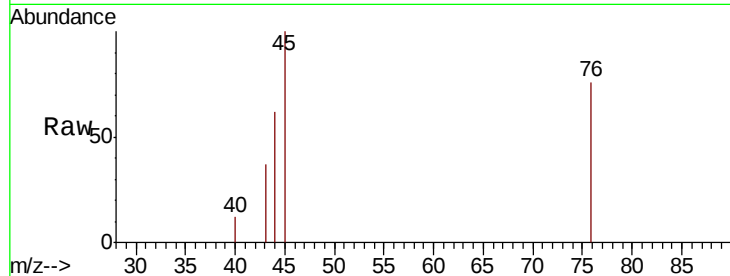




#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

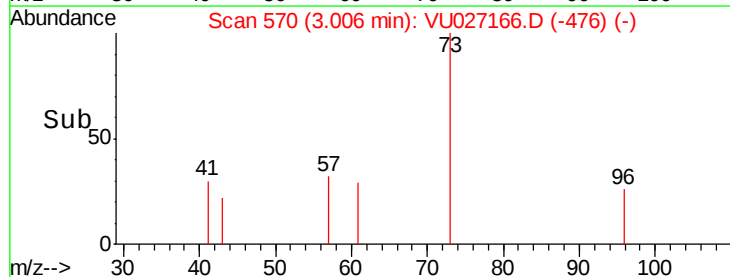
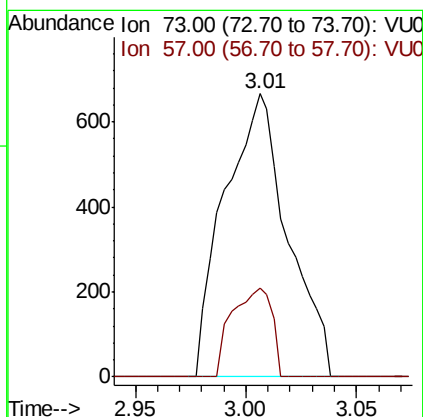
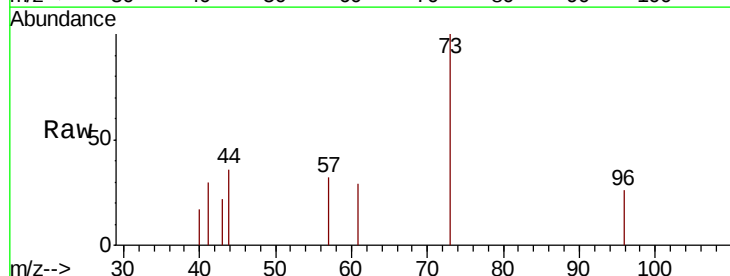
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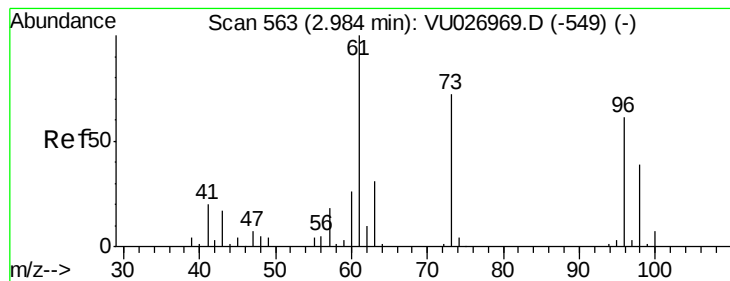
Tgt Ion: 76 Resp: 972
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#19
Methyl tert-butyl Ether
Concen: 0.264 ug/l
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 73 Resp: 1322
Ion Ratio Lower Upper
73 100
57 31.5 19.8 29.6#





#21

trans-1,2-Dichloroethene

Concen: 0.593 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

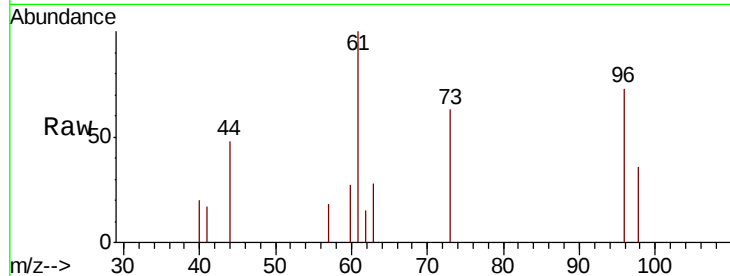
Tgt Ion: 96 Resp: 862

Ion Ratio Lower Upper

96 100

61 137.4 131.8 197.6

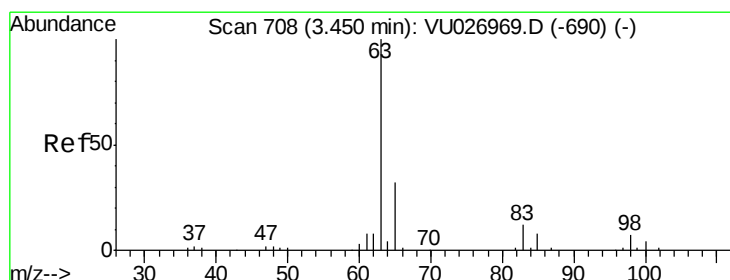
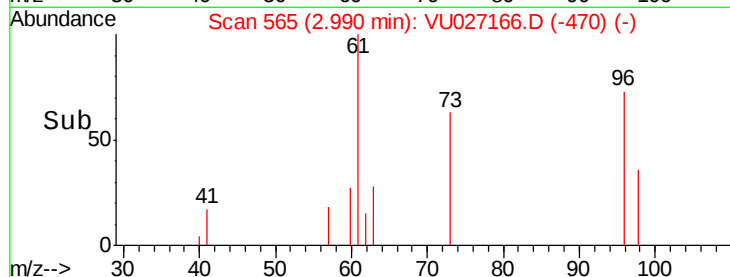
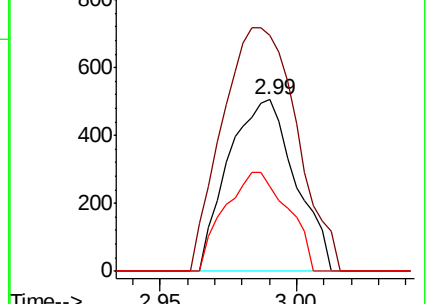
98 49.3 50.9 76.3#



Abundance Ion 95.90 (95.60 to 96.60): VU027166.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027166.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027166.D (-470) (-)



#24

1,1-Dichloroethane

Concen: 0.522 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

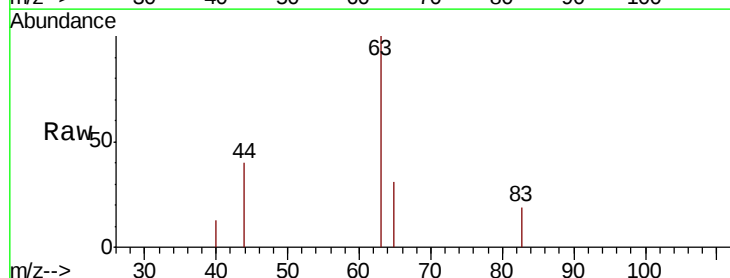
Tgt Ion: 63 Resp: 1697

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

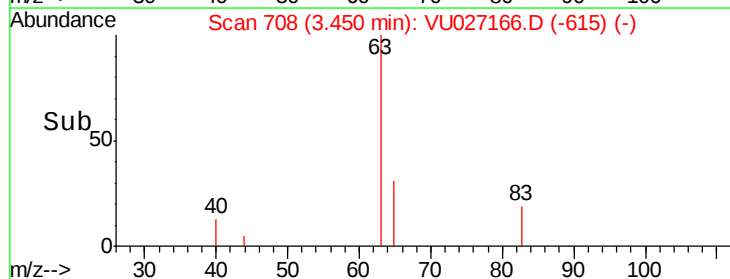
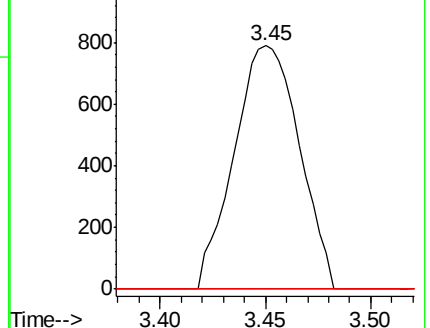
100 0.0 2.0 5.8#

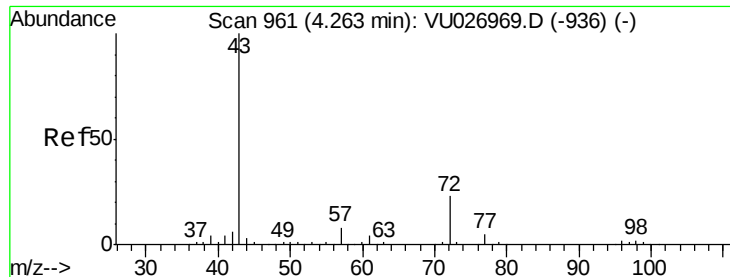


Abundance Ion 62.90 (62.60 to 63.60): VU027166.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027166.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027166.D (-615) (-)





#25

2-Butanone

Concen: 0.254 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

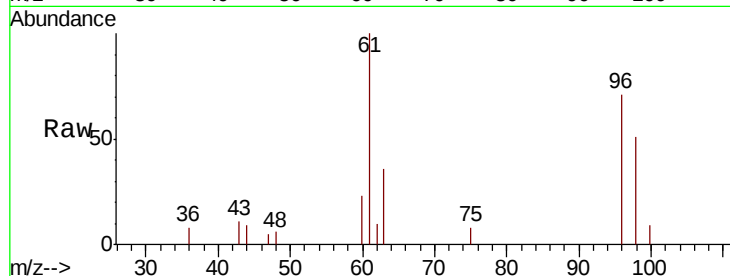
MW-16-092018

Tgt Ion: 43 Resp: 423

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

600

400

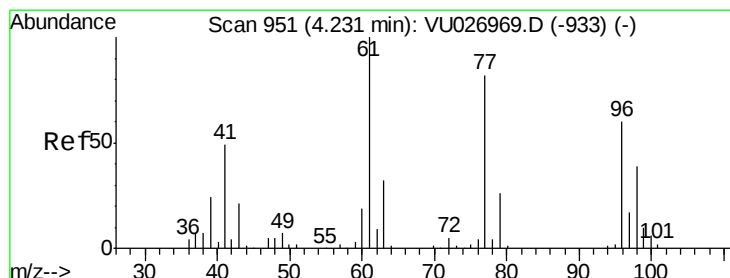
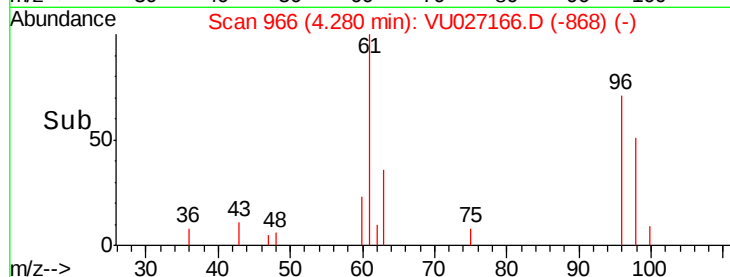
200

0

4.24 4.26 4.28 4.30

4.28

Time-->



#27

cis-1,2-Dichloroethene

Concen: 106.146 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

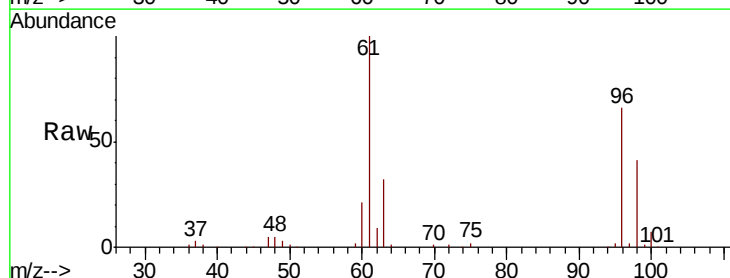
Tgt Ion: 96 Resp: 174104

Ion Ratio Lower Upper

96 100

61 152.9 0.0 337.2

98 63.7 0.0 127.6



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

150000

100000

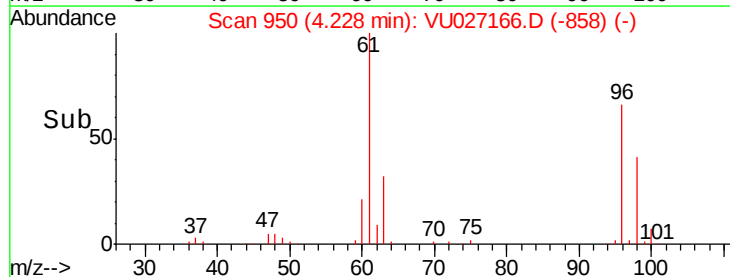
50000

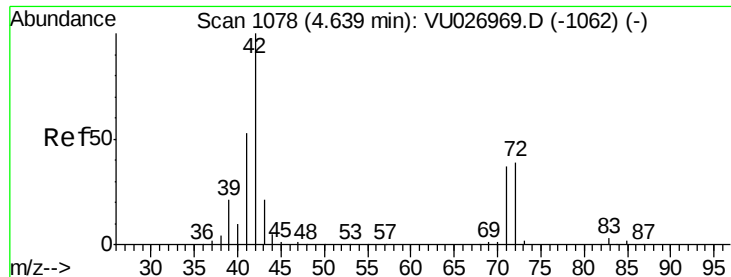
0

4.10 4.20 4.30

4.23

Time-->

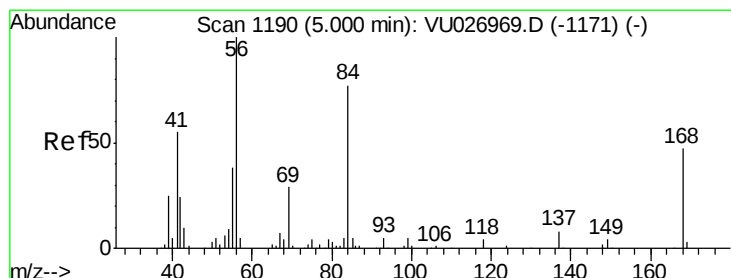
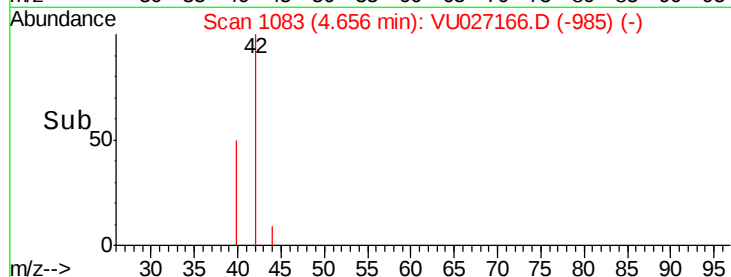
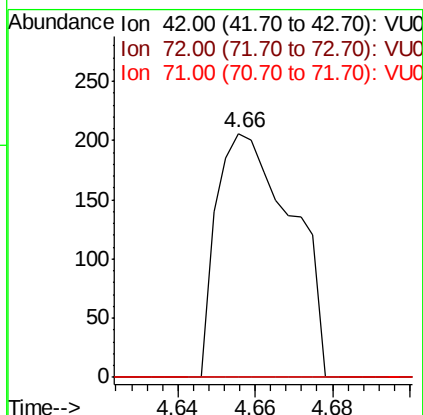
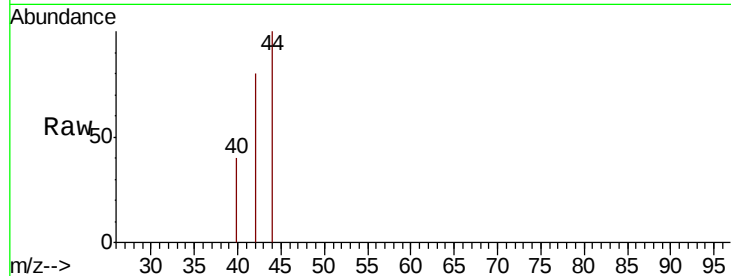




#29
Tetrahydrofuran
Concen: 0.277 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

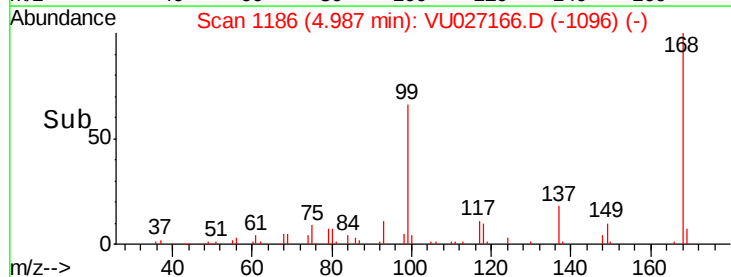
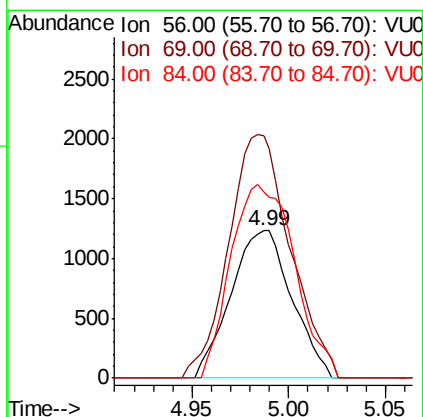
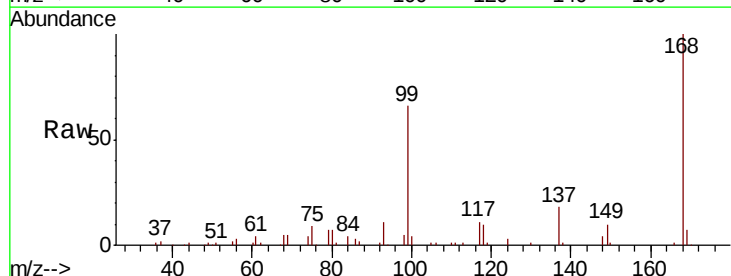
Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

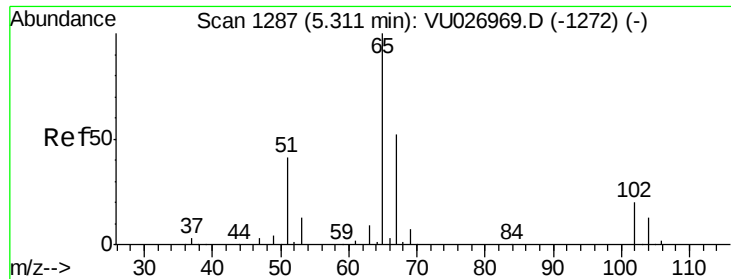
Tgt Ion: 42 Resp: 279
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 0.0 29.6 44.4#



#31
Cyclohexane
Concen: 0.344 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 56 Resp: 2703
Ion Ratio Lower Upper
56 100
69 164.7 23.0 34.4#
84 126.3 61.4 92.2#

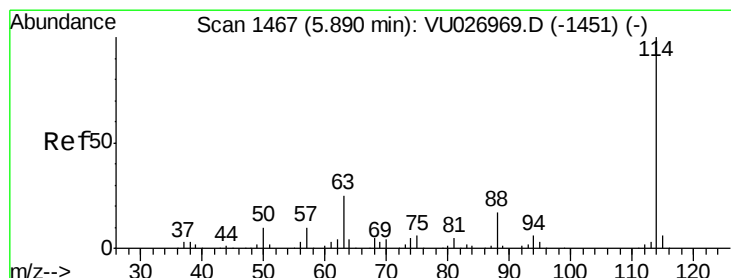
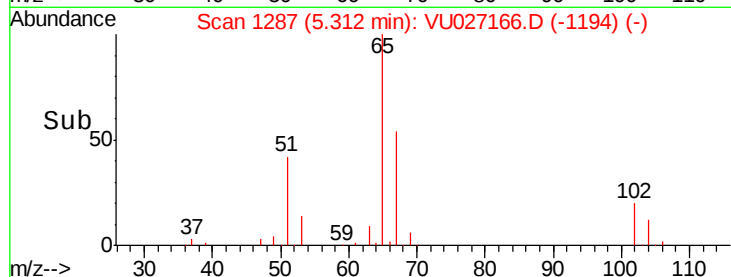
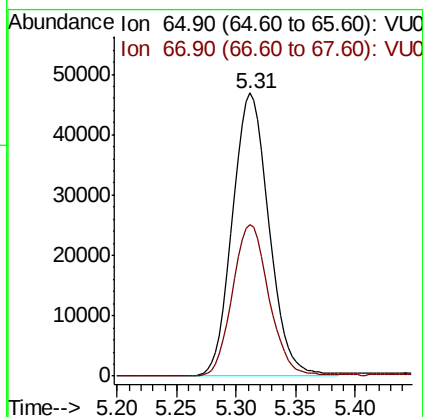
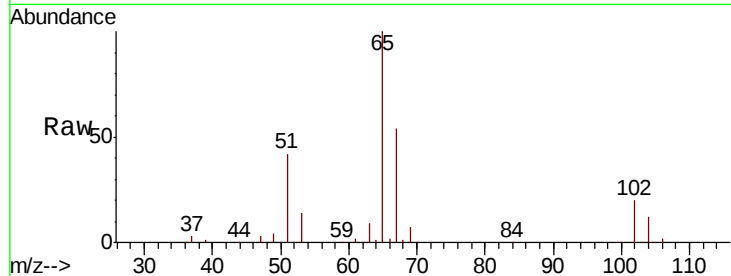




#33
 1,2-Dichloroethane-d4
 Concen: 50.420 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

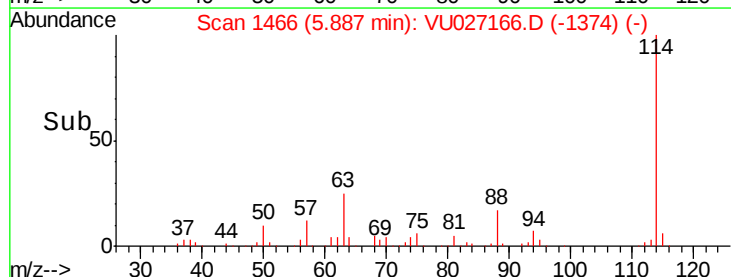
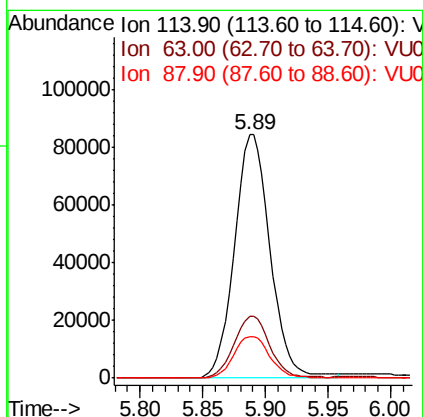
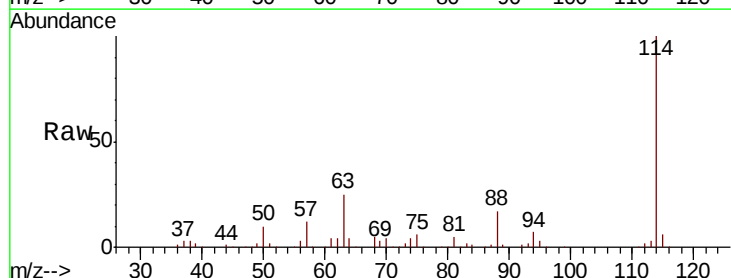
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

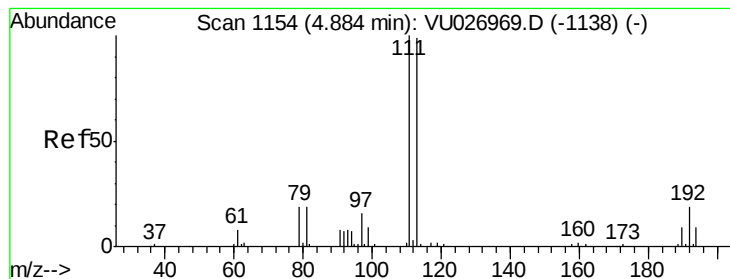
Tgt Ion: 65 Resp: 99950
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion: 114 Resp: 166887
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.856 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

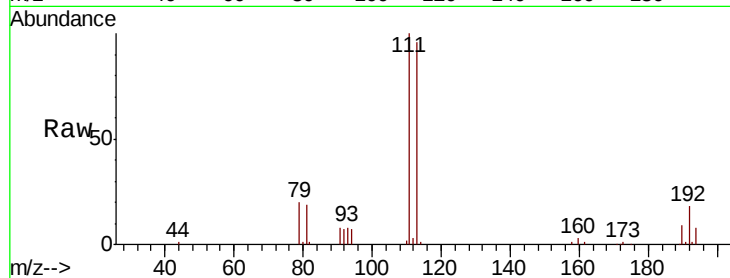
Tgt Ion:113 Resp: 69227

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

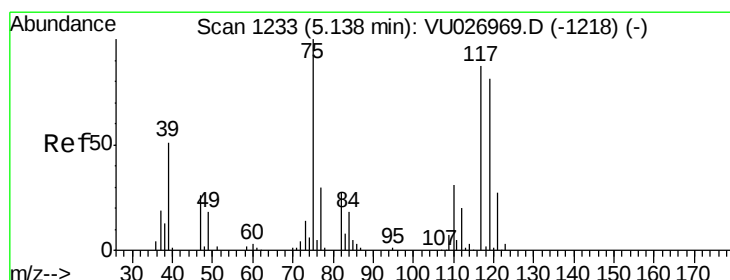
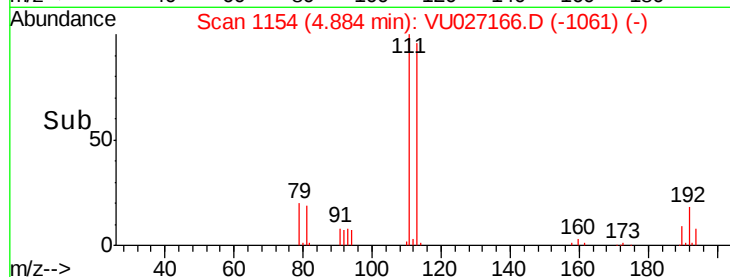
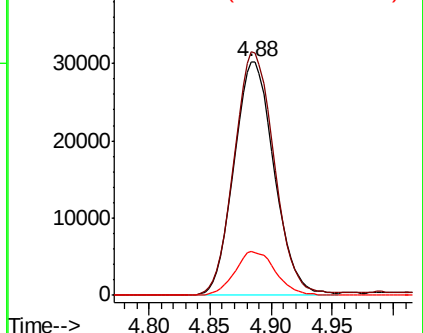
192 18.9 15.2 22.8



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: 4.320 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

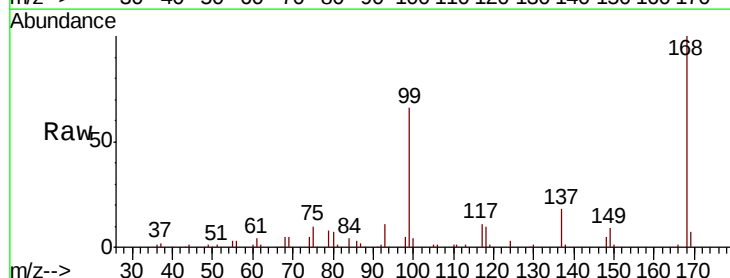
Tgt Ion: 75 Resp: 9622

Ion Ratio Lower Upper

75 100

110 6.7 16.1 48.2#

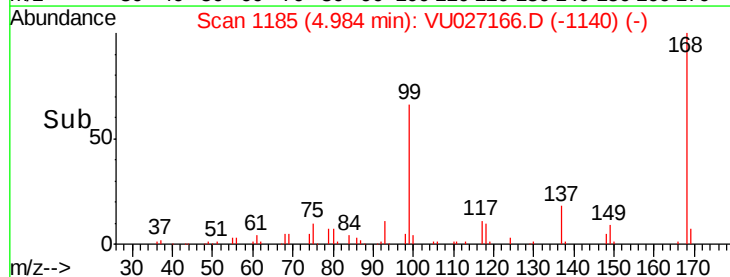
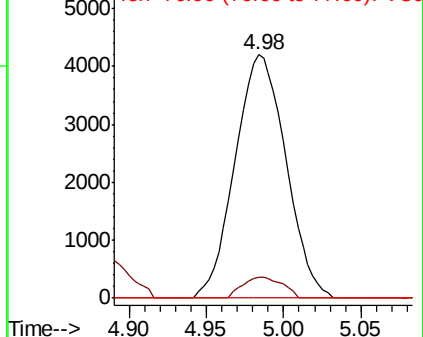
77 0.0 24.6 36.8#

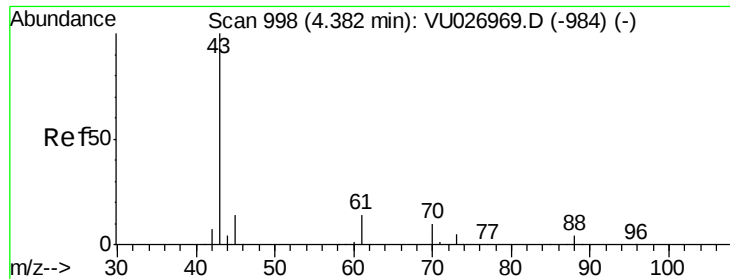


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

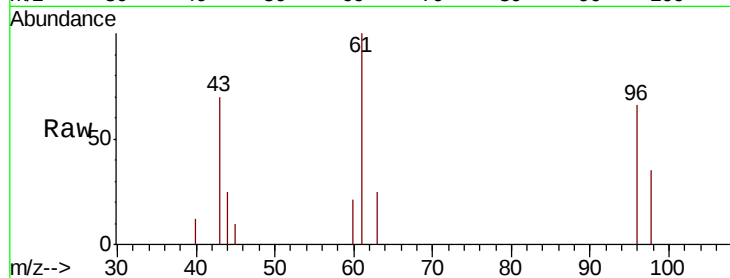




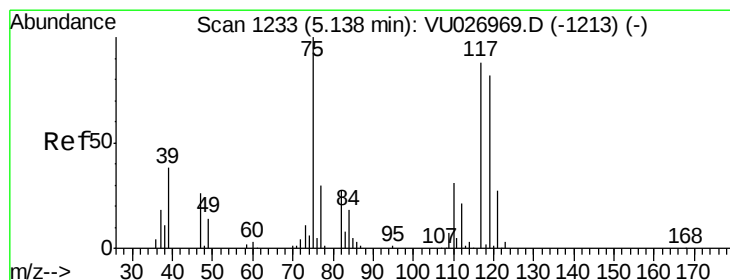
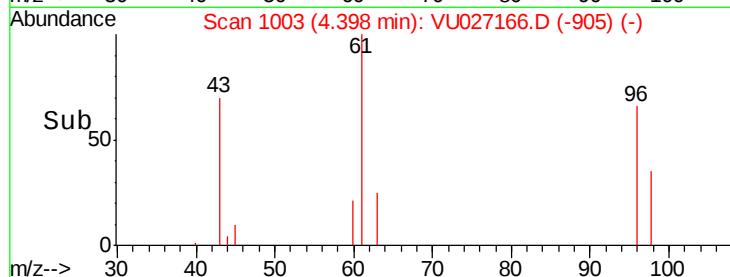
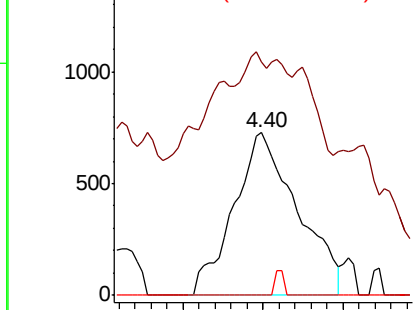
#37
 Ethyl Acetate
 Concen: 0.663 ug/l
 RT: 4.40 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

Tgt Ion: 43 Resp: 2000
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#

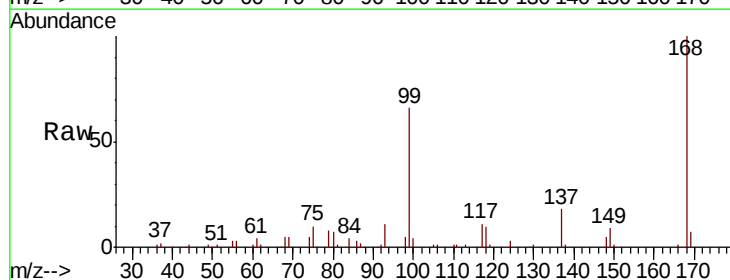


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

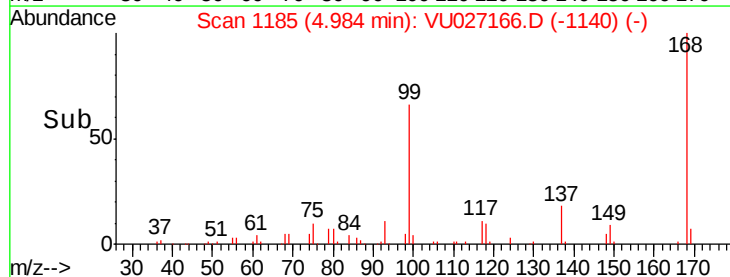
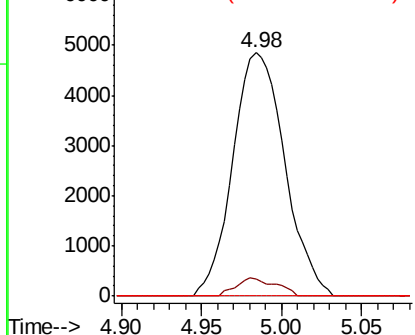


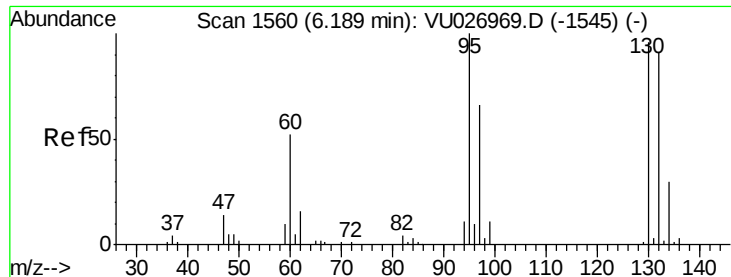
#38
 Carbon Tetrachloride
 Concen: 5.088 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion: 117 Resp: 10784
 Ion Ratio Lower Upper
 117 100
 119 7.0 74.4 111.6#
 121 0.0 24.2 36.4#



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





#44

Trichloroethene

Concen: 0.502 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

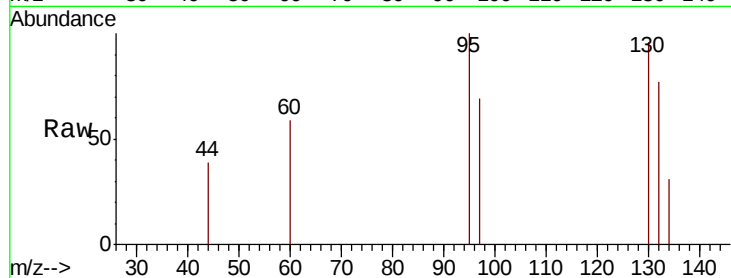
MW-16-092018

Tgt Ion:130 Resp: 723

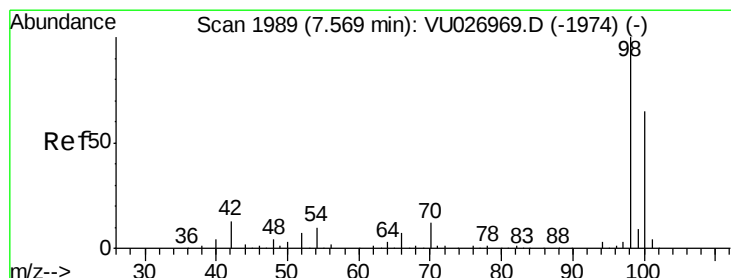
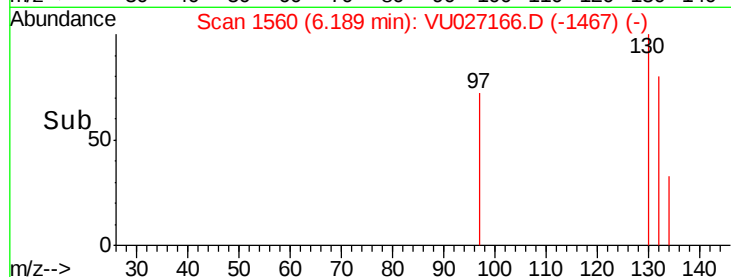
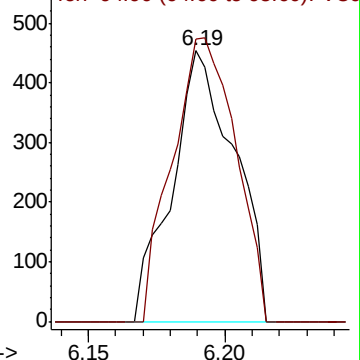
Ion Ratio Lower Upper

130 100

95 104.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)



#50

Toluene-d8

Concen: 47.810 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027166.D

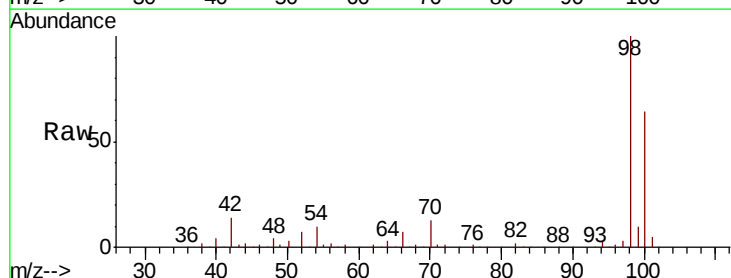
Acq: 26 Sep 2018 10:47

Tgt Ion: 98 Resp: 263574

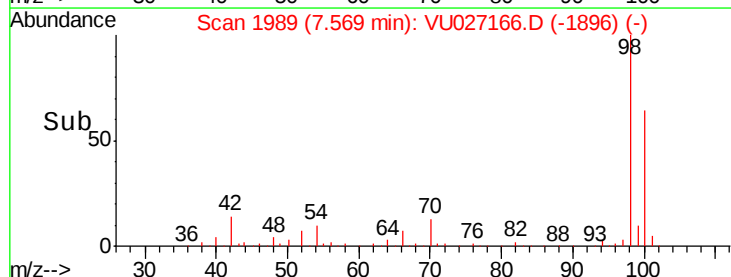
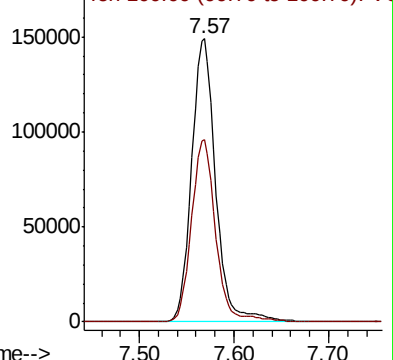
Ion Ratio Lower Upper

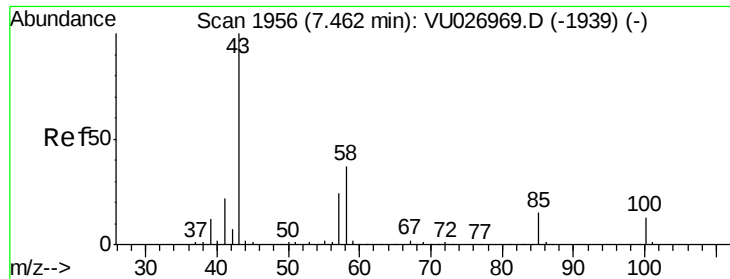
98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

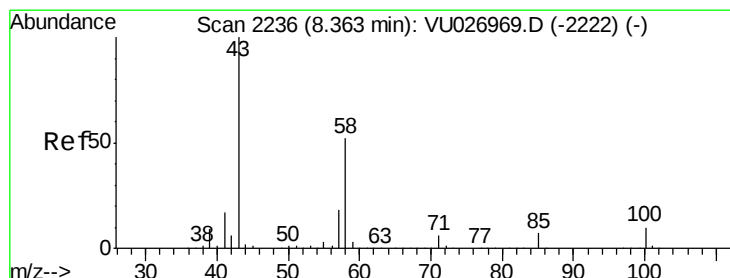
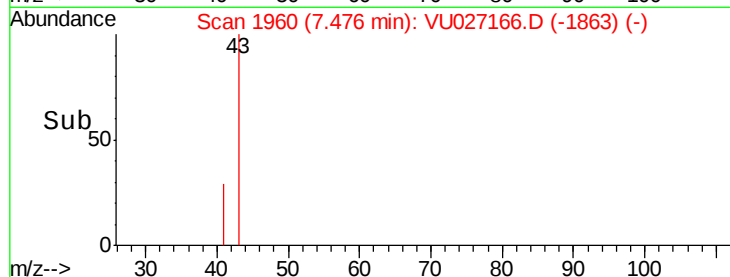
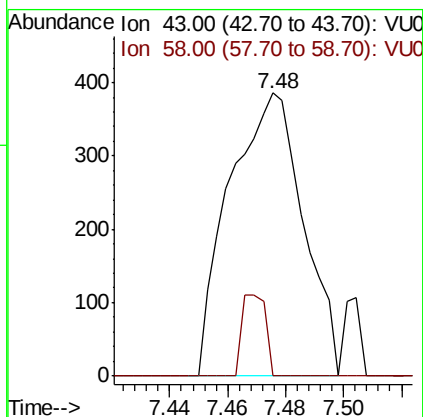
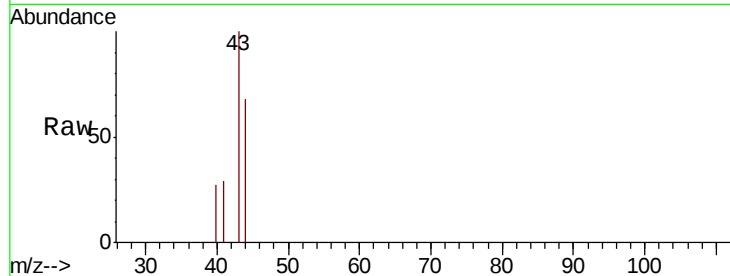




#51
 4-Methyl-2-Pentanone
 Concen: 0.230 ug/l
 RT: 7.48 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

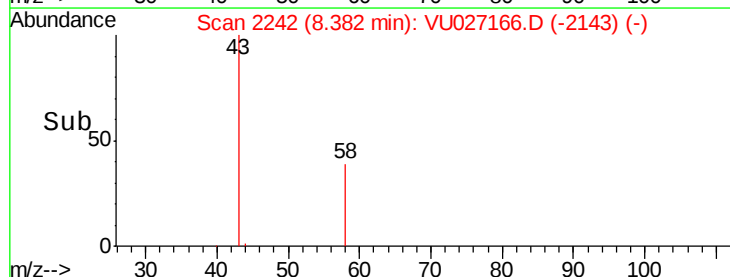
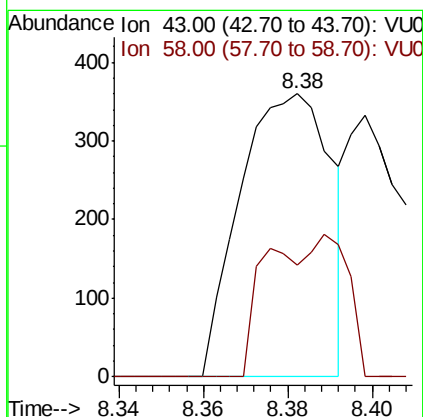
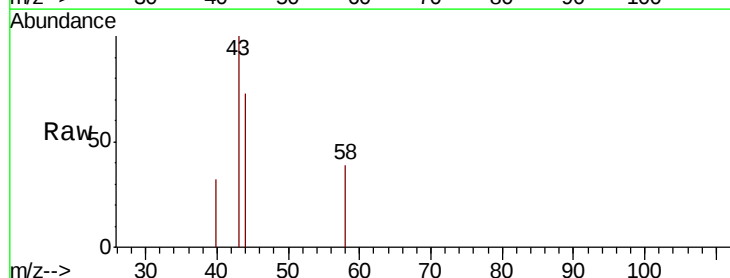
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

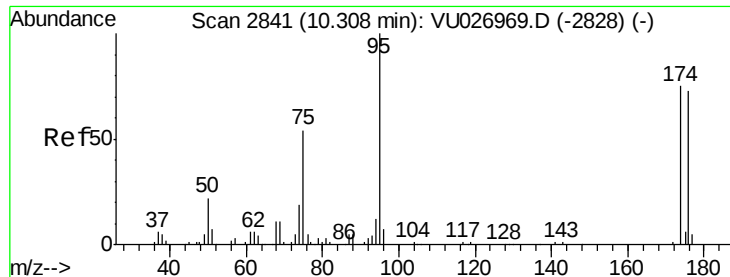
Tgt Ion: 43 Resp: 680
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.6#



#59
 2-Hexanone
 Concen: 0.233 ug/l
 RT: 8.38 min Scan# 2242
 Delta R.T. 0.02 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion: 43 Resp: 539
 Ion Ratio Lower Upper
 43 100
 58 21.5 26.1 78.2#





#62

4-Bromofluorobenzene

Concen: 44.895 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

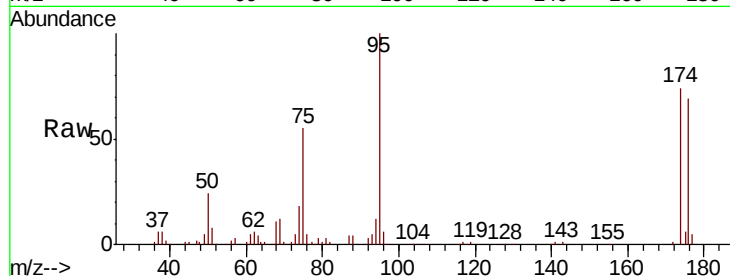
Tgt Ion: 95 Resp: 84927

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.2

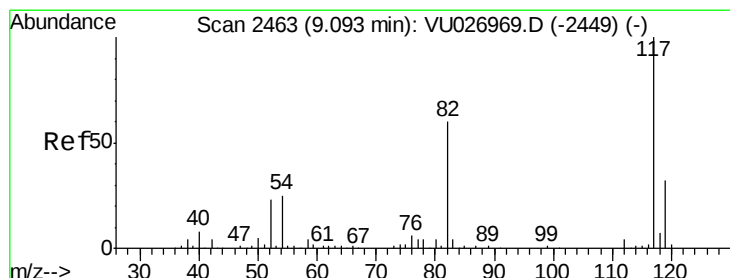
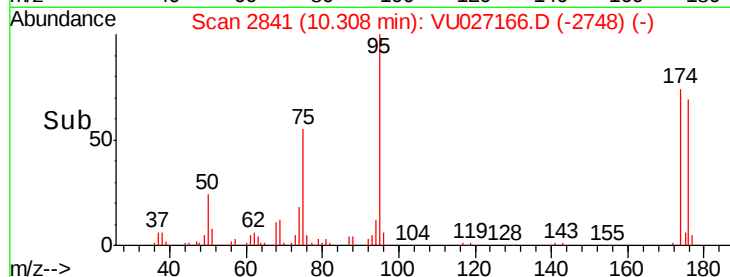
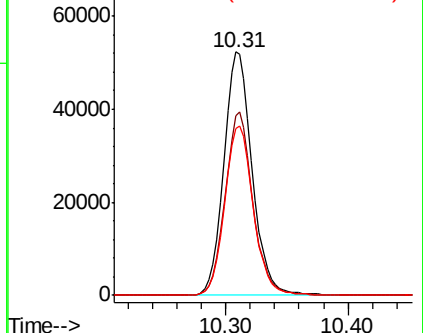
176 70.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

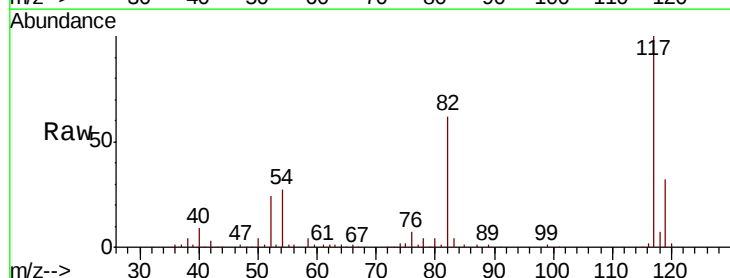
Tgt Ion: 117 Resp: 157463

Ion Ratio Lower Upper

117 100

82 62.0 48.0 72.0

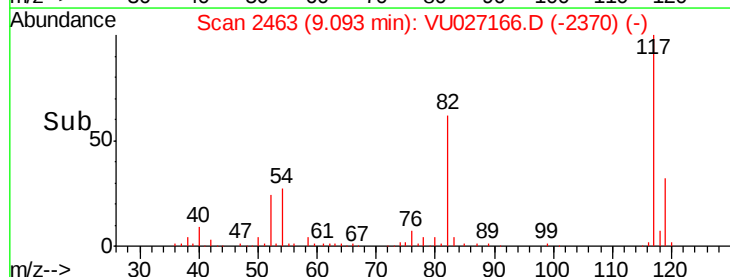
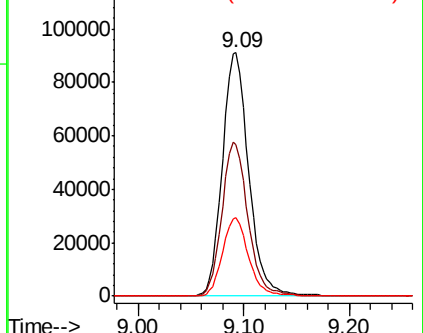
119 32.2 25.8 38.8

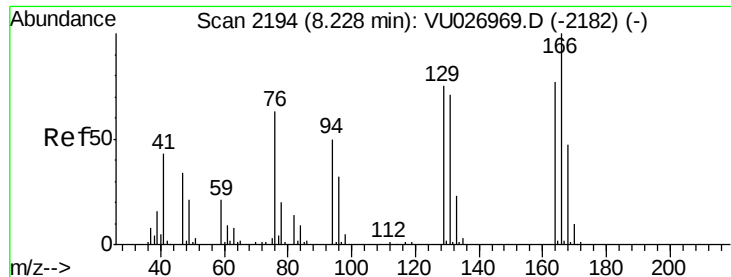


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#64

Tetrachloroethene

Concen: 0.217 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

Tgt Ion:164 Resp: 263

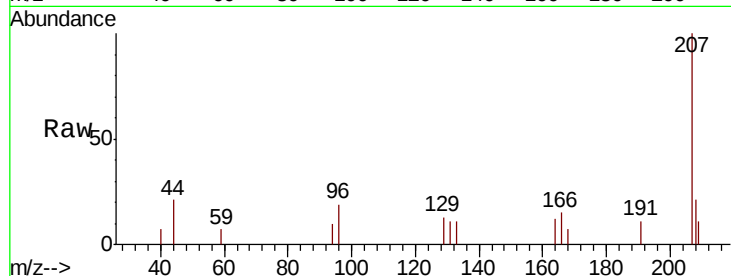
Ion Ratio Lower Upper

164 100

166 123.9 104.4 156.6

129 107.2 78.7 118.1

131 93.8 73.9 110.9

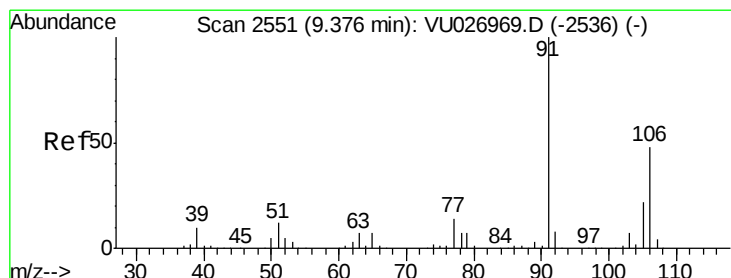
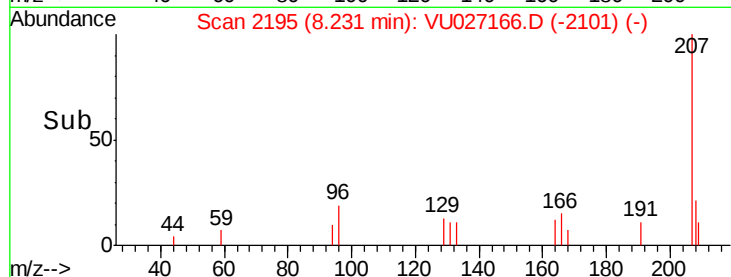
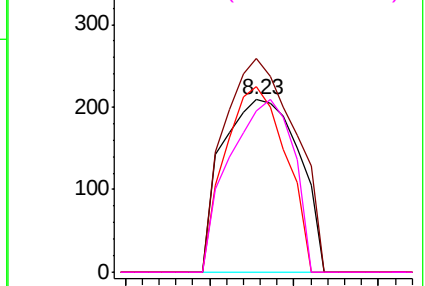


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 1.562 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027166.D

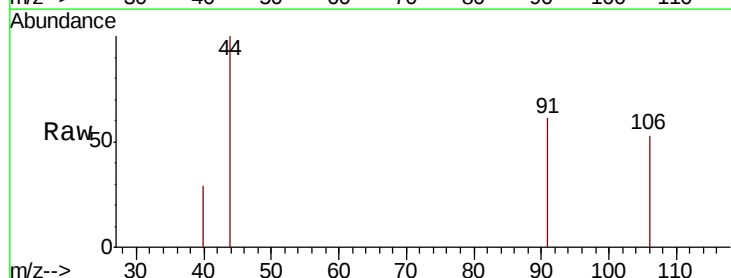
Acq: 26 Sep 2018 10:47

Tgt Ion:106 Resp: 173

Ion Ratio Lower Upper

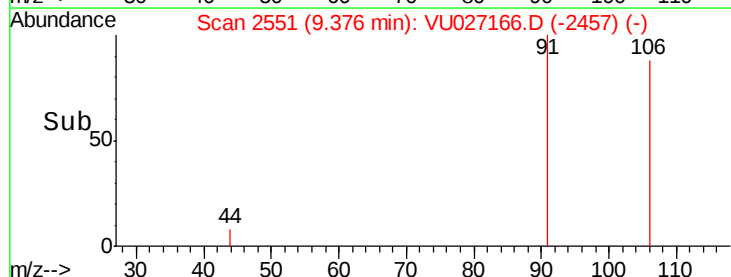
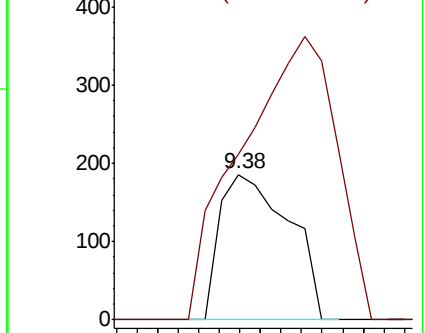
106 100

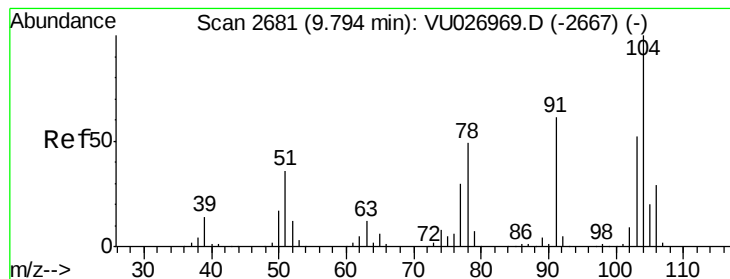
91 269.4 166.5 249.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#70

Styrene

Concen: 1.839 ug/l

RT: 9.81 min Scan# 2685

Delta R.T. 0.01 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

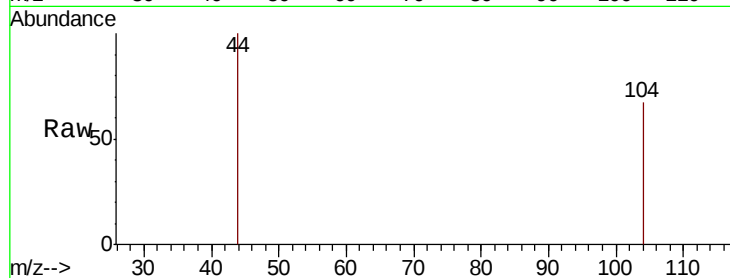
Tgt Ion:104 Resp: 137

Ion Ratio Lower Upper

104 100

78 0.0 43.0 64.4#

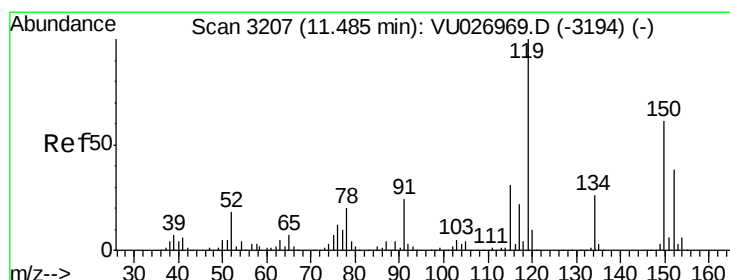
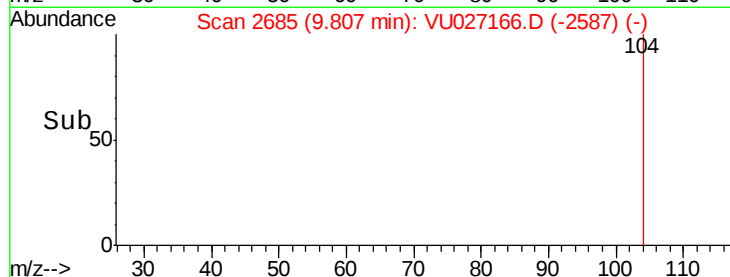
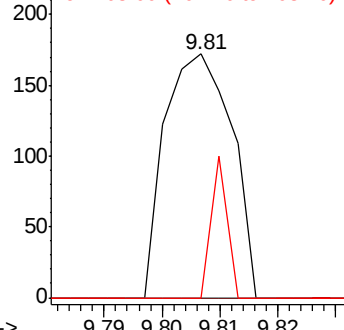
103 13.9 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

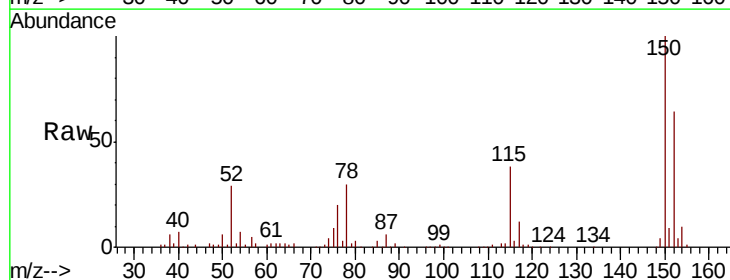
Tgt Ion:152 Resp: 71541

Ion Ratio Lower Upper

152 100

115 61.0 44.9 134.5

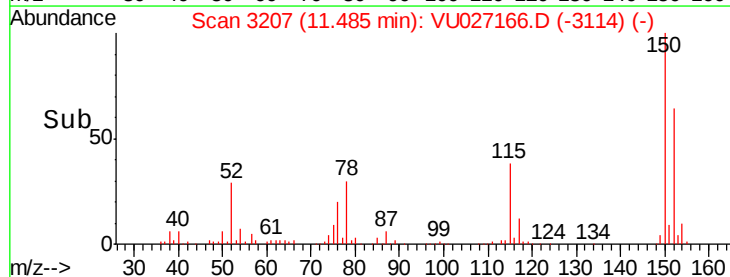
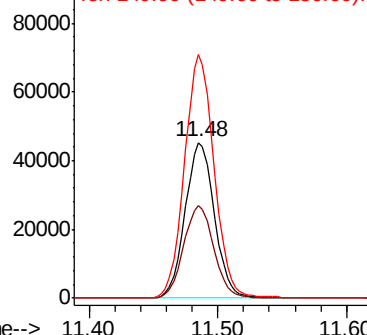
150 158.0 0.0 355.8

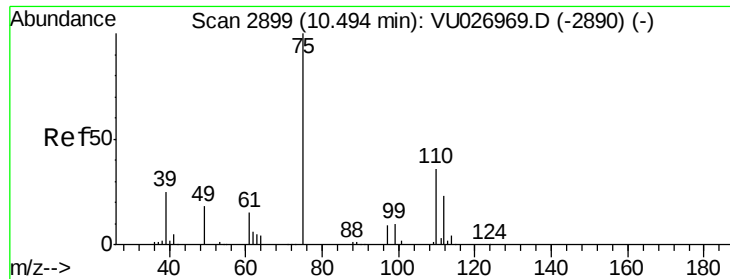


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

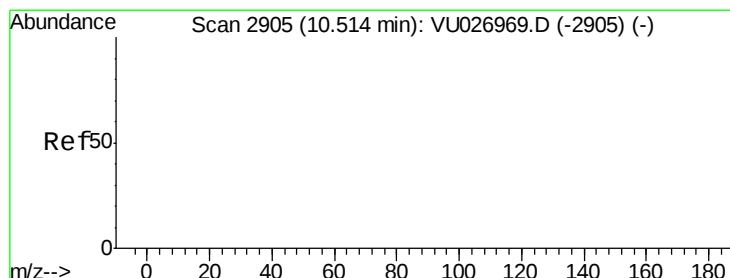
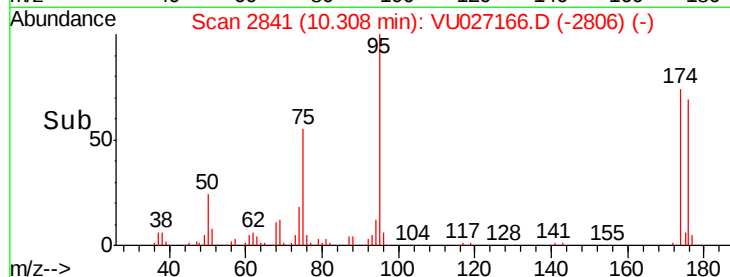
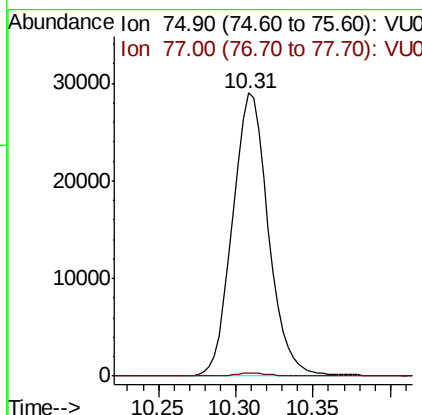
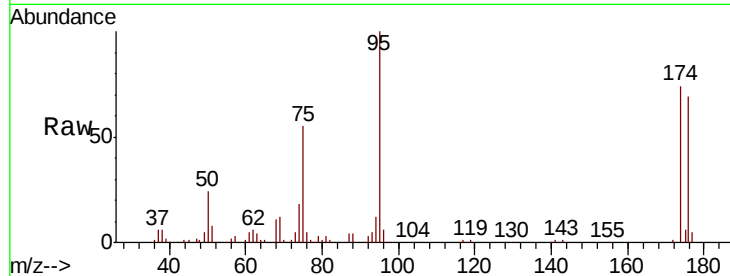




#76
 1,2,3-Trichloropropane
 Concen: 21.437 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

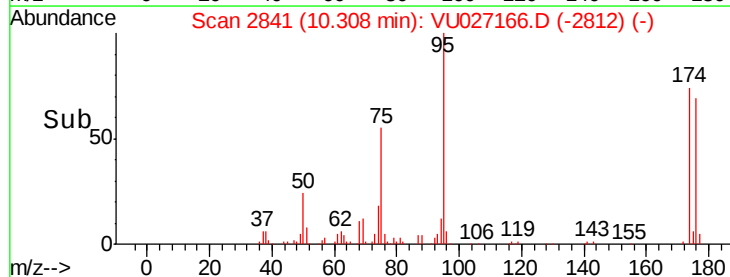
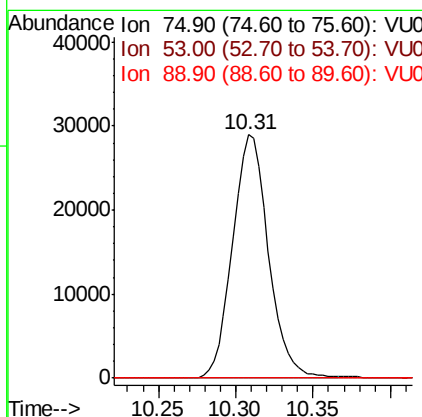
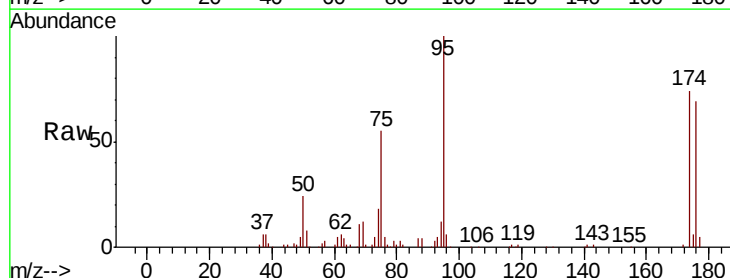
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

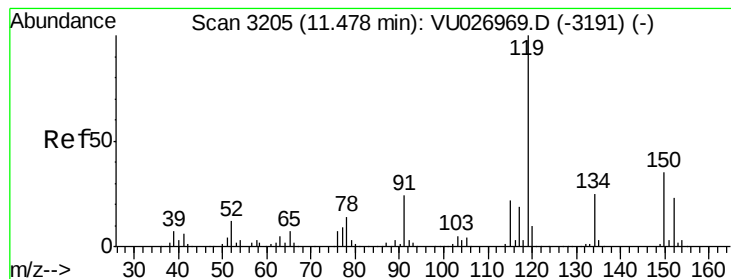
Tgt Ion: 75 Resp: 46590
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.601 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion: 75 Resp: 46590
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#86

p-Isopropyltoluene

Concen: 1.051 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

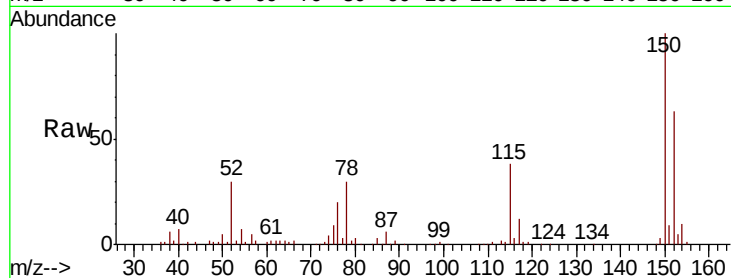
Tgt Ion:119 Resp: 642

Ion Ratio Lower Upper

119 100

134 18.4 12.8 38.3

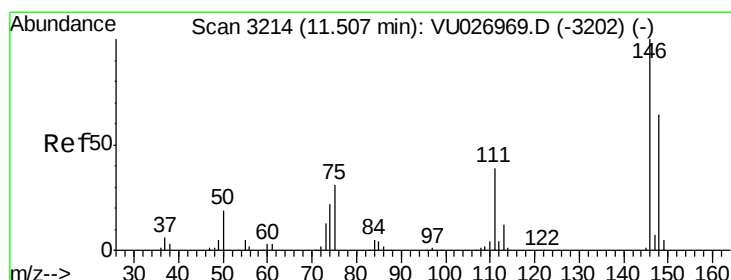
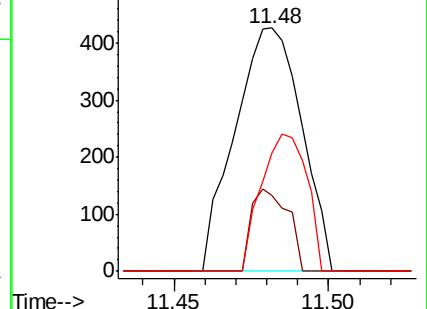
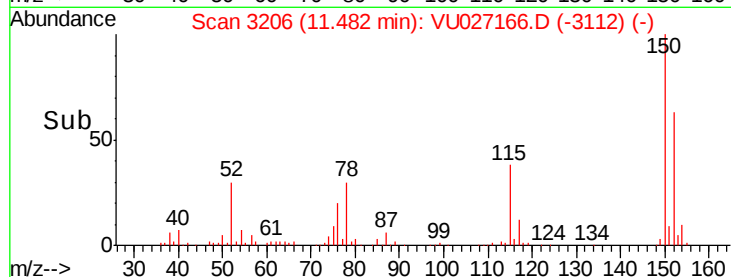
91 38.5 12.3 36.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#88

1,4-Dichlorobenzene

Concen: 0.263 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

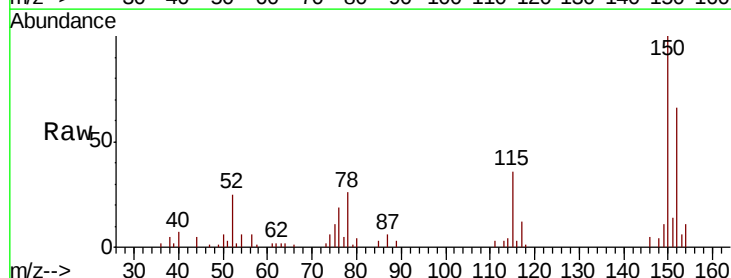
Tgt Ion:146 Resp: 709

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

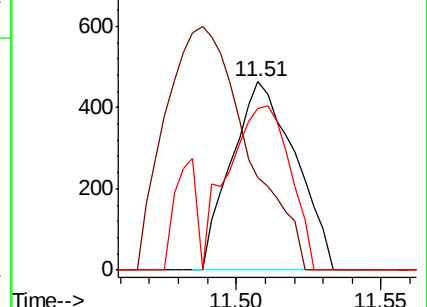
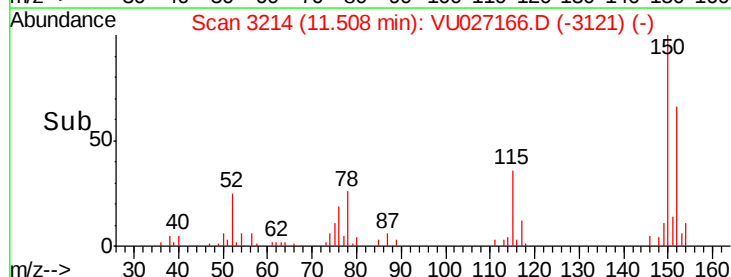
148 85.3 31.9 95.9

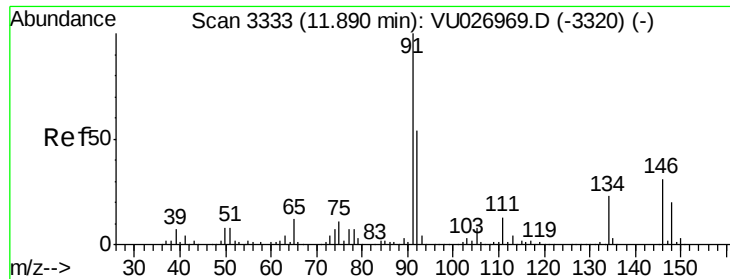


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 2.558 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

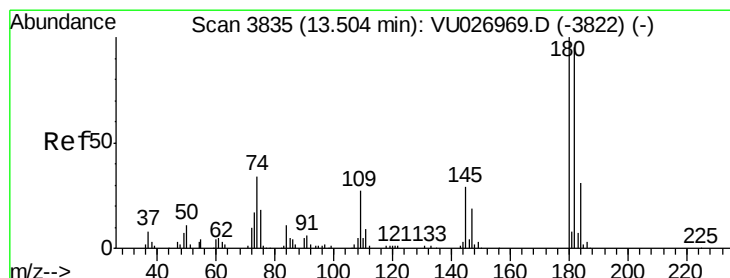
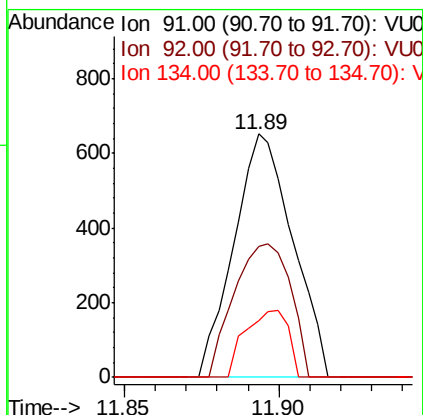
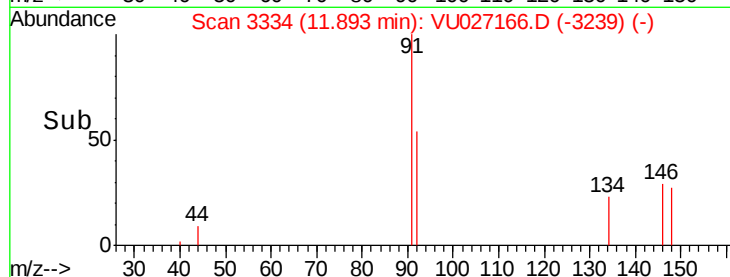
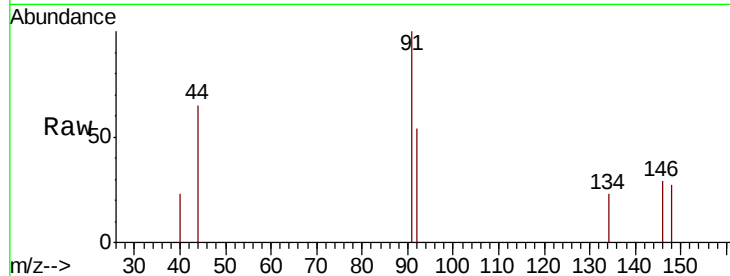
Tgt Ion: 91 Resp: 859

Ion Ratio Lower Upper

91 100

92 52.4 27.1 81.2

134 19.8 11.7 35.0



#93

1,2,4-Trichlorobenzene

Concen: 0.360 ug/l

RT: 13.51 min Scan# 3838

Delta R.T. 0.01 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

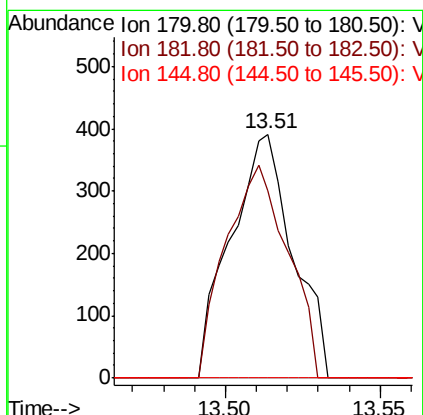
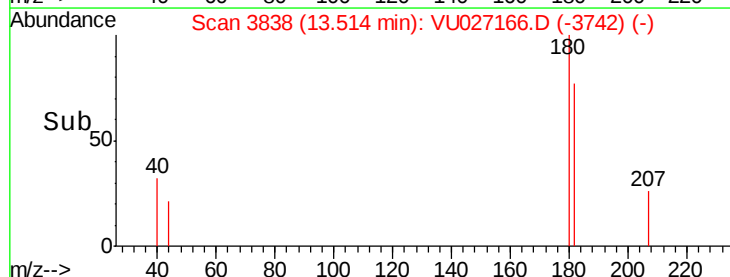
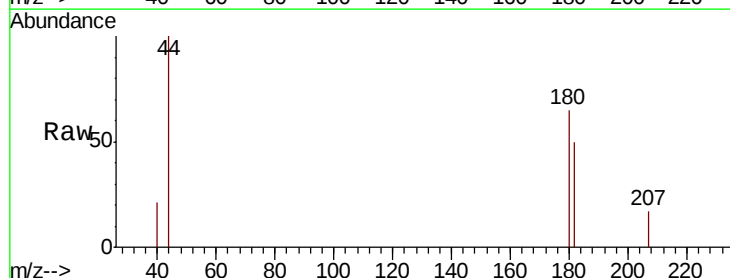
Tgt Ion: 180 Resp: 545

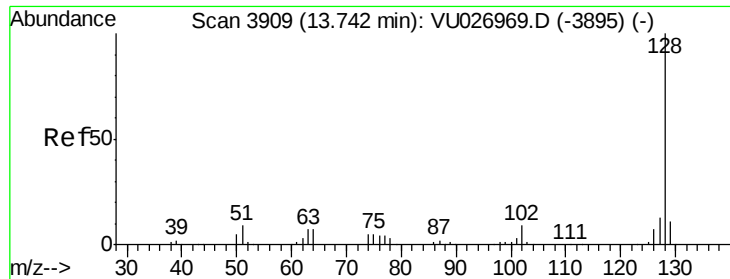
Ion Ratio Lower Upper

180 100

182 87.2 47.4 142.2

145 0.0 14.9 44.5#





#95

Naphthalene

Concen: 1.987 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

MW-16-092018

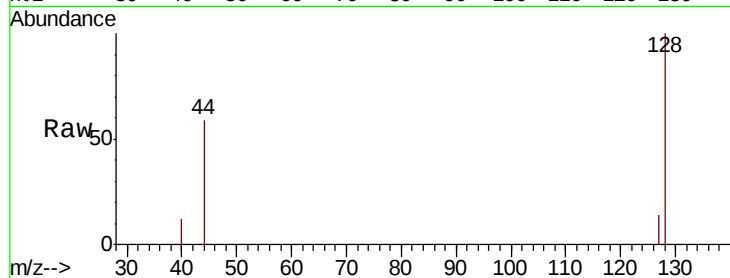
Tgt Ion:128 Resp: 1824

Ion Ratio Lower Upper

128 100

127 5.5 10.6 15.8#

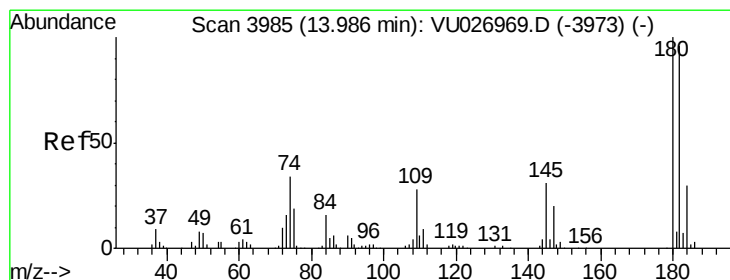
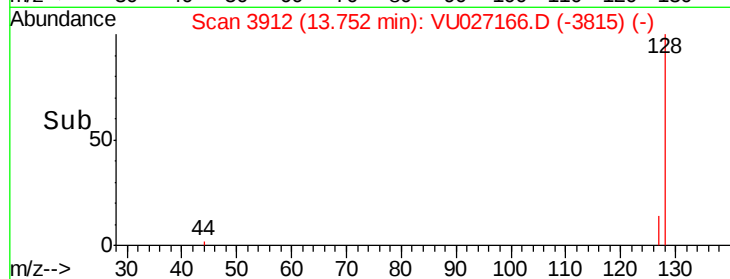
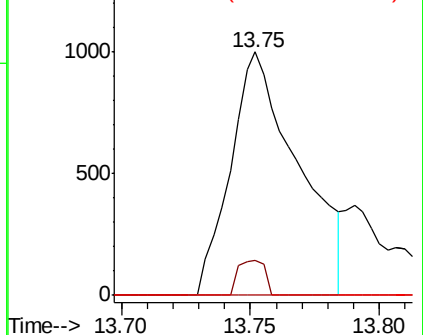
129 0.0 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.393 ug/l

RT: 14.00 min Scan# 3989

Delta R.T. 0.01 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

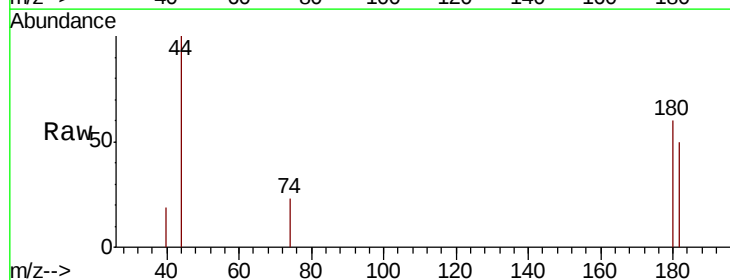
Tgt Ion:180 Resp: 638

Ion Ratio Lower Upper

180 100

182 98.9 47.5 142.5

145 6.4 15.4 46.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

