

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026986.D
 Acq On : 21 Sep 2018 22:48
 Operator : MD/SY
 Sample : J4916-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW05S-20180911

Quant Time: Sep 22 02:24:23 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	79857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156858	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	159684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76549	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.31	65	92903	57.80	ug/l	0.00
Spiked Amount	50.000			Recovery	=	115.60%	
35) Dibromofluoromethane		4.89	113	69714	51.27	ug/l	0.00
Spiked Amount	50.000			Recovery	=	102.54%	
50) Toluene-d8		7.57	98	244791	47.24	ug/l	0.00
Spiked Amount	50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene		10.31	95	87192	49.04	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.08%	

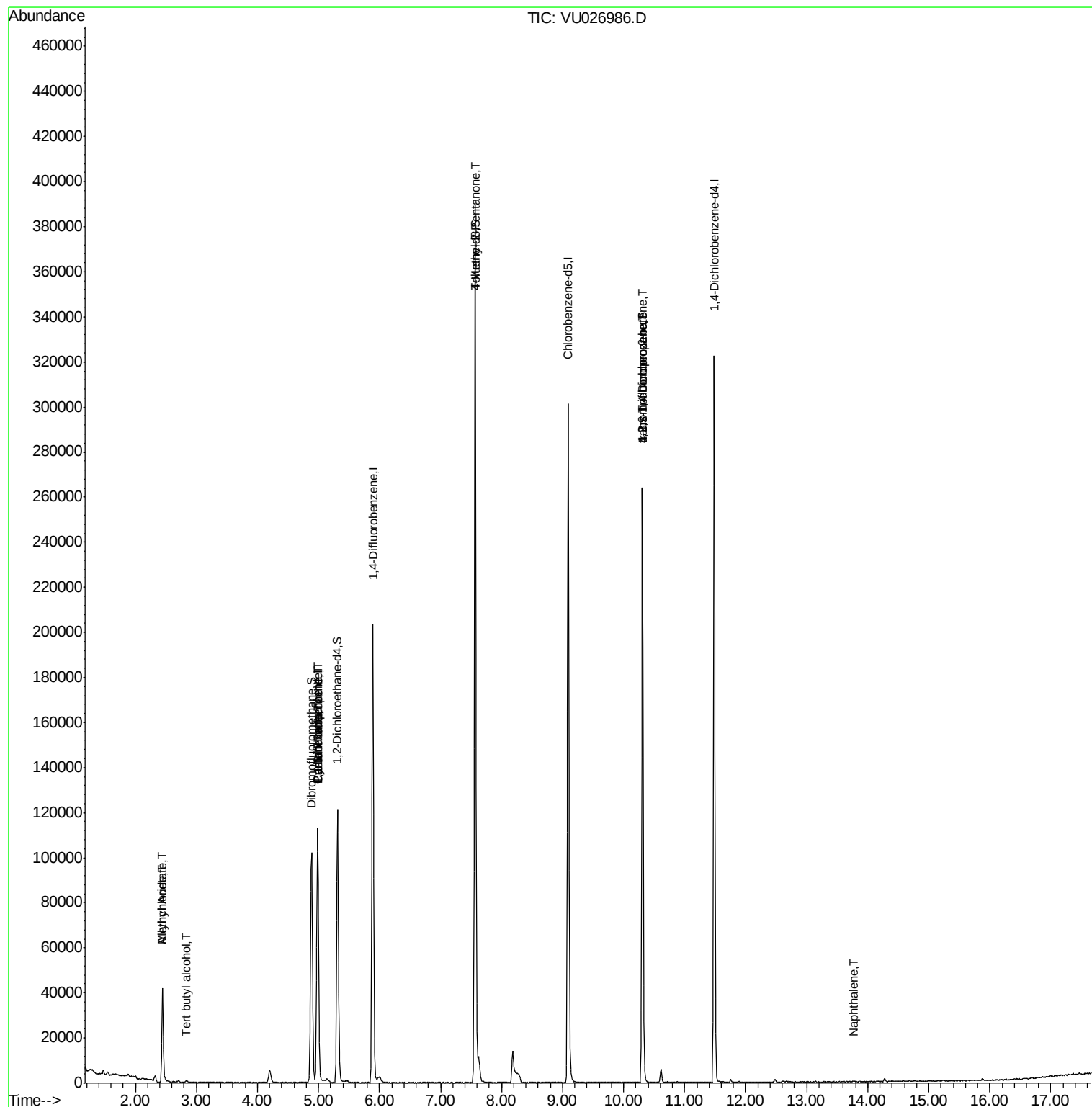
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	596	1.618	ug/l #	72
14) Allyl chloride	2.45	41	4015	1.795	ug/l #	68
16) Acetone	2.32	43	2917	Below Cal		99
18) Methyl Acetate	2.45	43	10700	4.677	ug/l #	55
31) Cyclohexane	4.98	56	1866	0.206	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	7566	3.614	ug/l #	49
38) Carbon Tetrachloride	4.99	117	7941	3.986	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1280	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	46271	19.897	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	46271	63.674	ug/l #	100
95) Naphthalene	13.77	128	187	1.718	ug/l #	69

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

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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: VU026986.D

Acq: 21 Sep 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

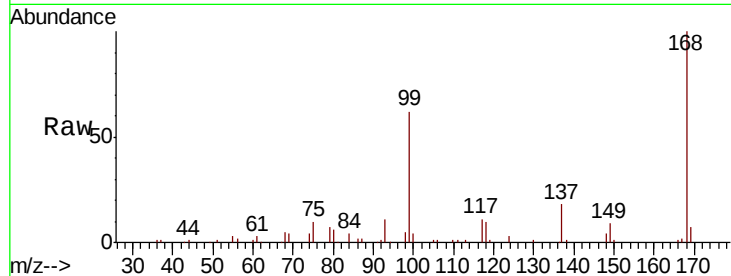
FC-MW05S-20180911

Tgt Ion:168 Resp: 79857

Ion Ratio Lower Upper

168 100

99 61.7 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) (-)

4.99

40000

30000

20000

10000

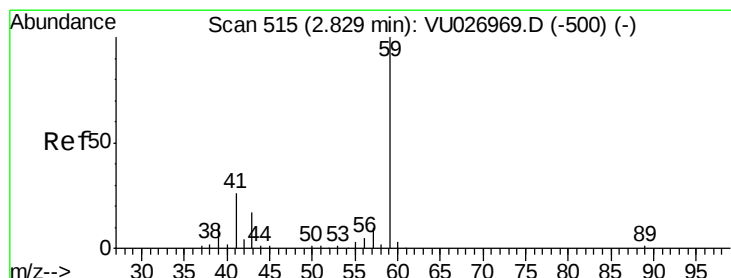
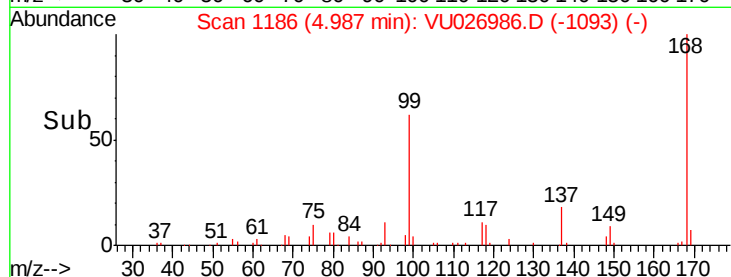
0

4.90

5.00

5.10

Time-->



#11

Tert butyl alcohol

Concen: 1.618 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.01 min

Lab File: VU026986.D

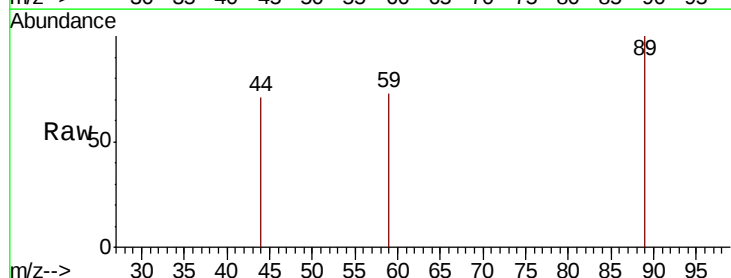
Acq: 21 Sep 2018 22:48

Tgt Ion: 59 Resp: 596

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.84

300

200

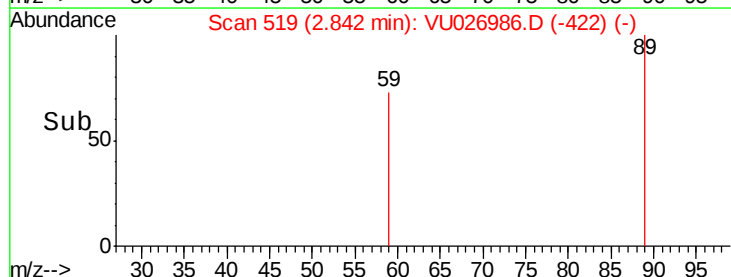
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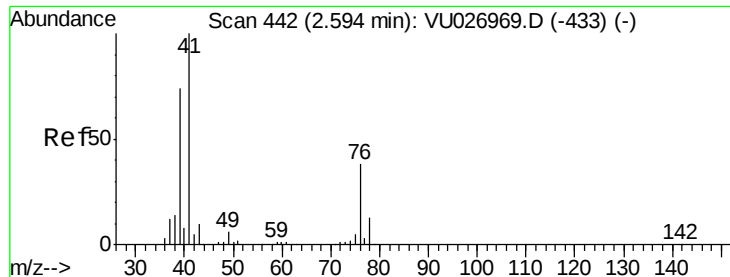
0

2.80

2.85

Time-->

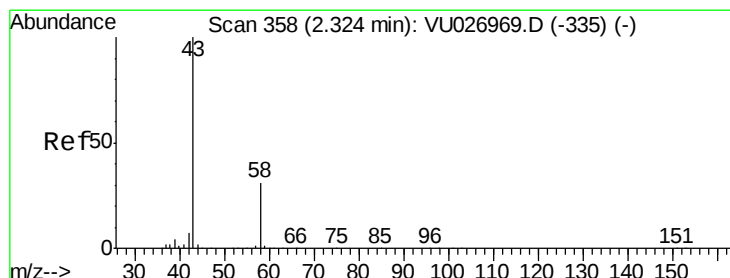
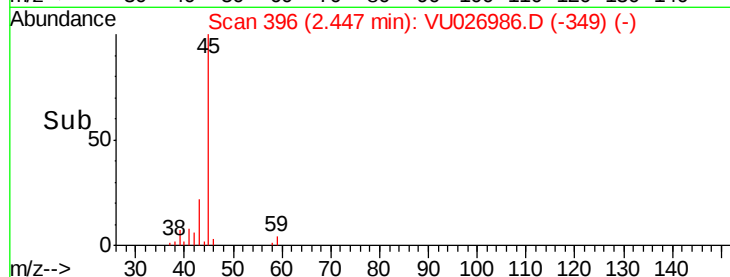
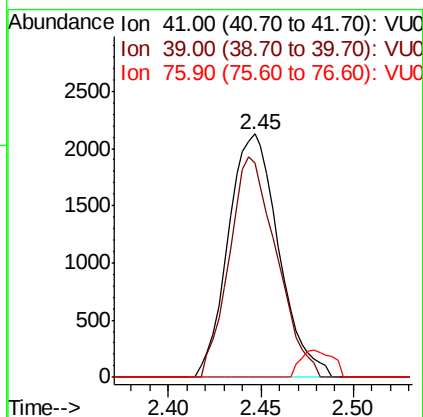
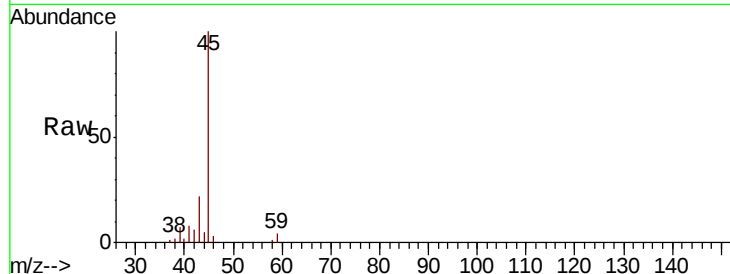




#14
 Allyl chloride
 Concen: 1.795 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.15 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

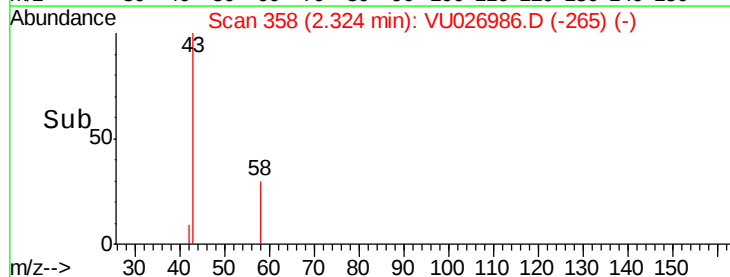
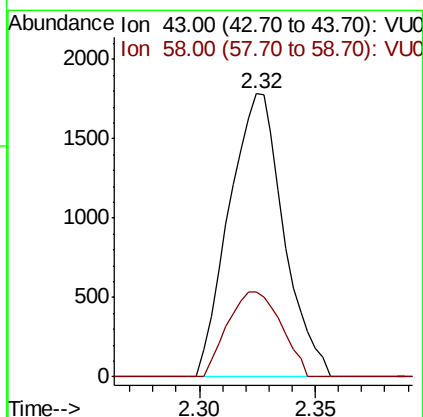
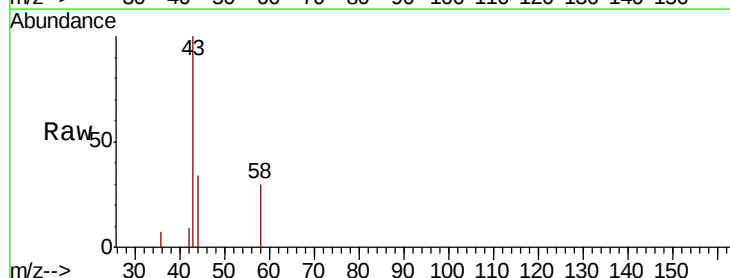
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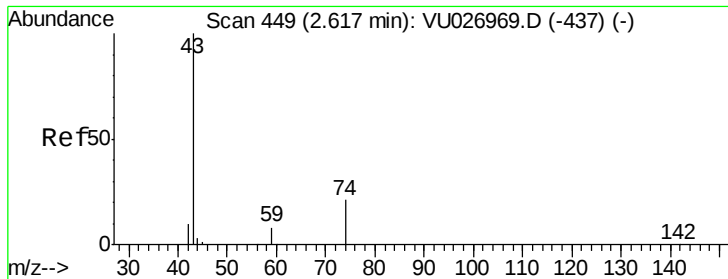
Tgt Ion: 41 Resp: 4015
 Ion Ratio Lower Upper
 41 100
 39 84.9 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

Tgt Ion: 43 Resp: 2917
 Ion Ratio Lower Upper
 43 100
 58 30.2 24.6 36.8

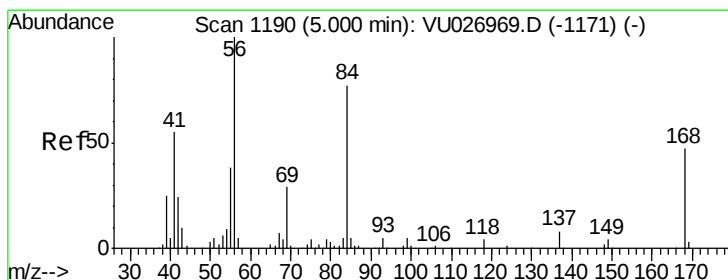
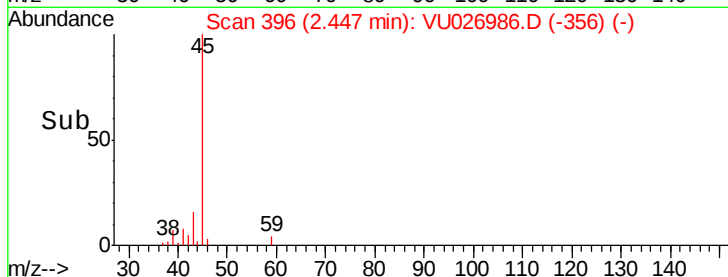
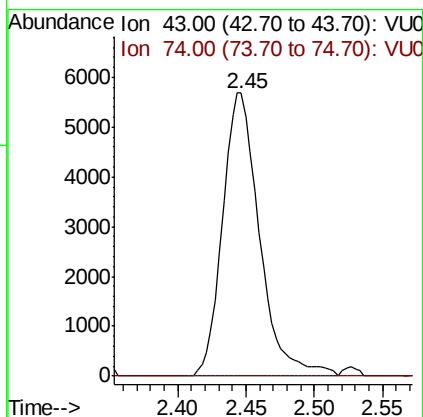
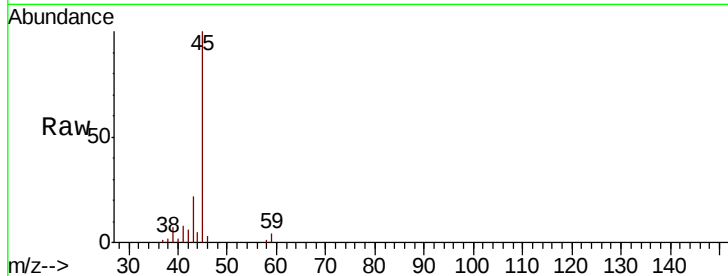




#18
Methyl Acetate
Concen: 4.677 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU026986.D
Acq: 21 Sep 2018 22:48

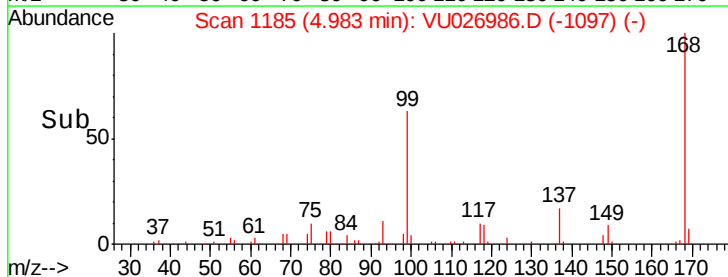
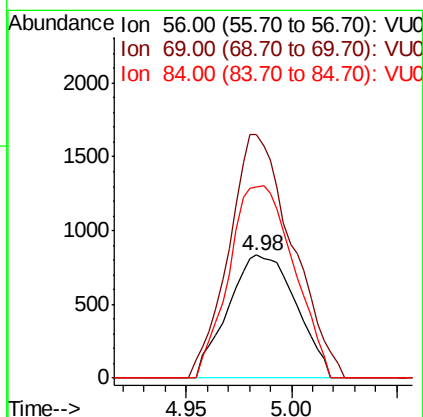
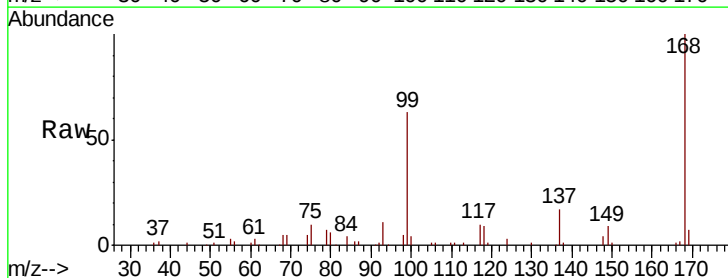
Instrument :
MSVOA_U
ClientSampleId :
FC-MW05S-20180911

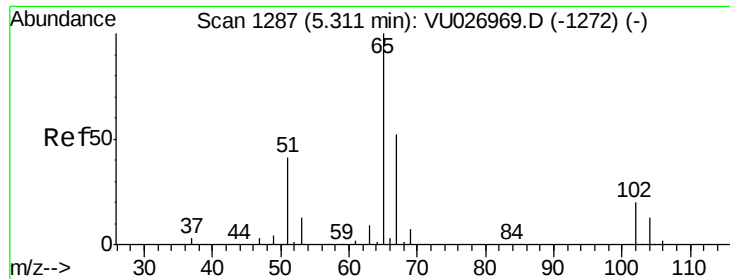
Tgt Ion: 43 Resp: 10700
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.206 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU026986.D
Acq: 21 Sep 2018 22:48

Tgt Ion: 56 Resp: 1866
Ion Ratio Lower Upper
56 100
69 198.4 23.0 34.4#
84 156.1 61.4 92.2#

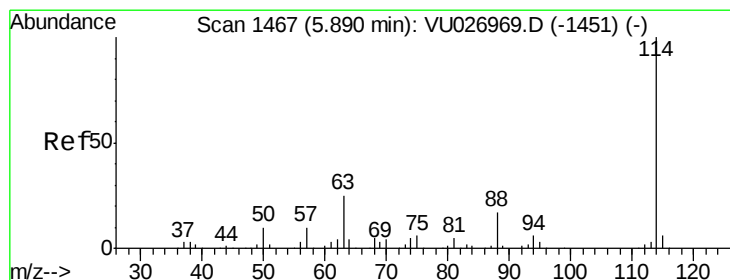
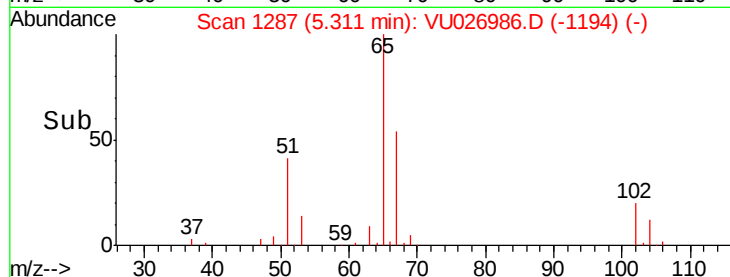
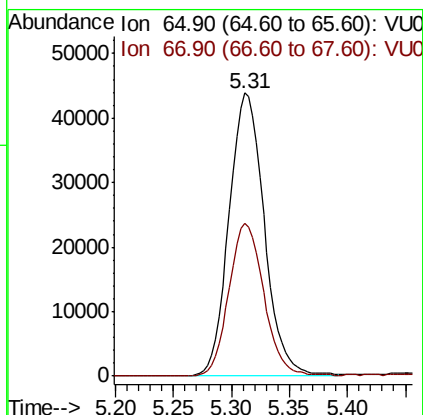
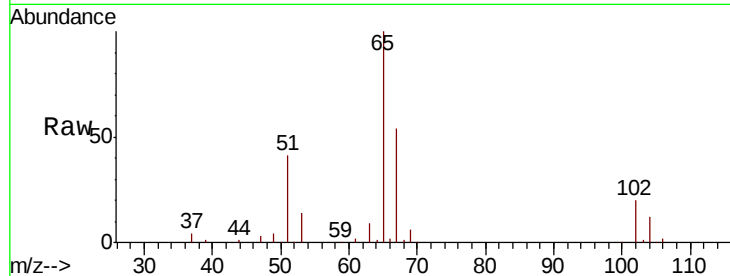




#33
 1,2-Dichloroethane-d4
 Concen: 57.802 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

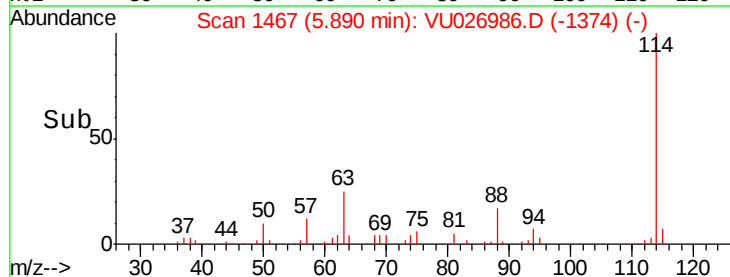
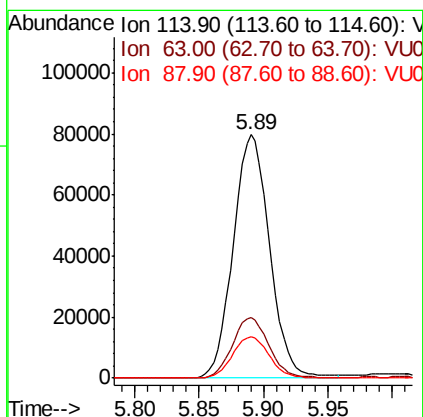
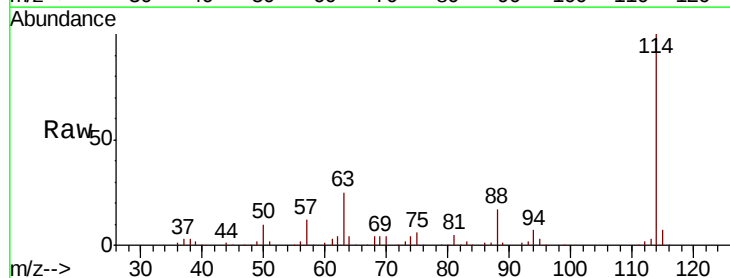
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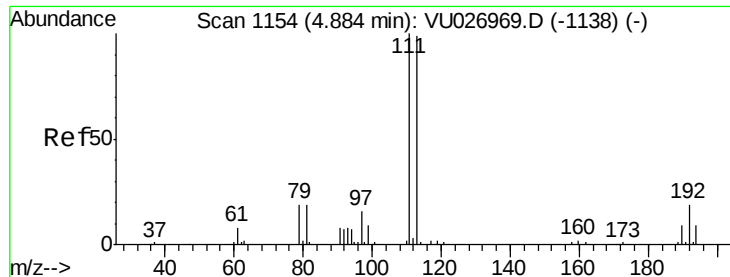
Tgt Ion: 65 Resp: 92903
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

Tgt Ion: 114 Resp: 156858
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.0 0.0 33.8

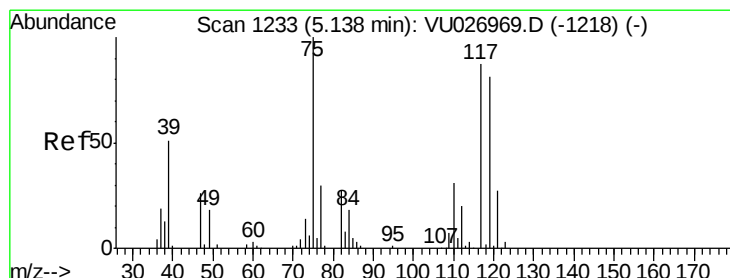
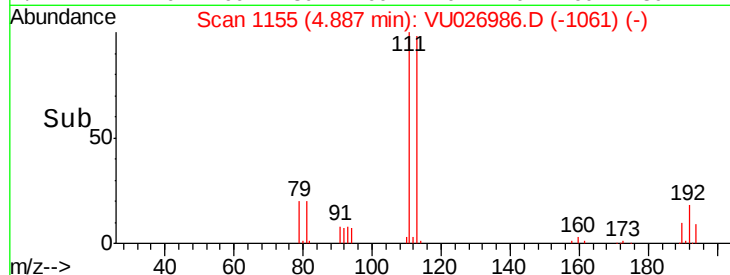
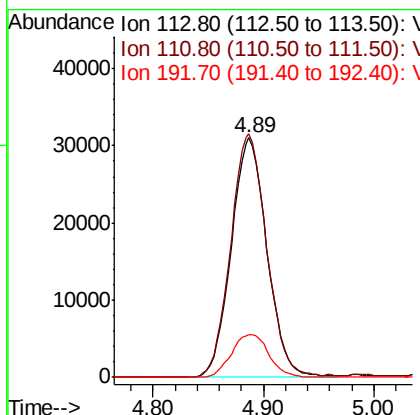
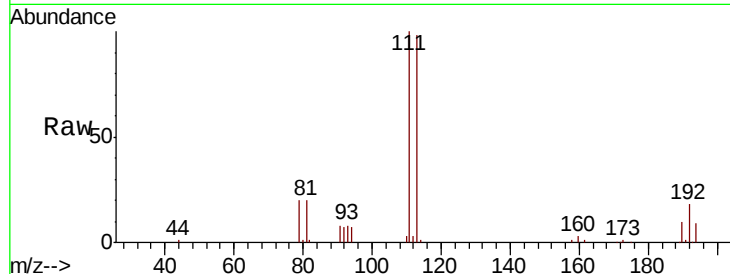




#35
 Dibromofluoromethane
 Concen: 51.274 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

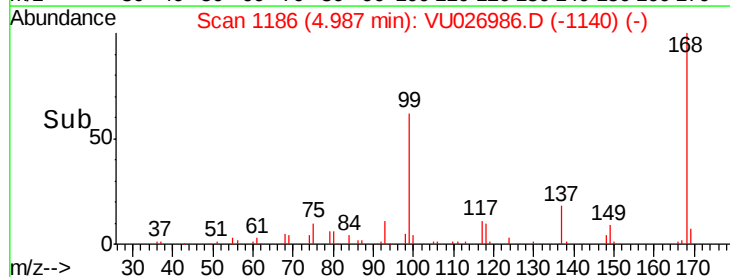
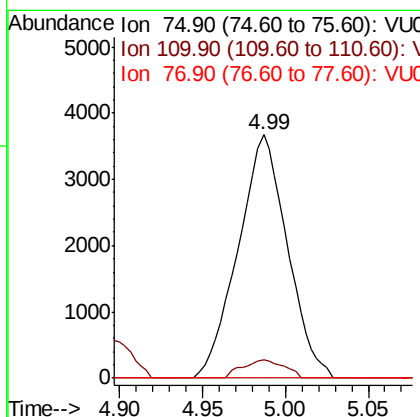
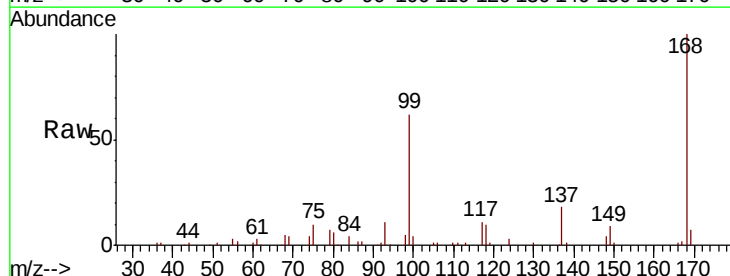
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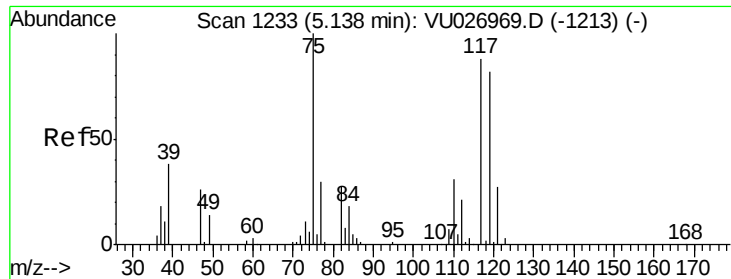
Tgt Ion:113 Resp: 69714
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 18.7 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.614 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

Tgt Ion: 75 Resp: 7566
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 3.986 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026986.D

Acq: 21 Sep 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

FC-MW05S-20180911

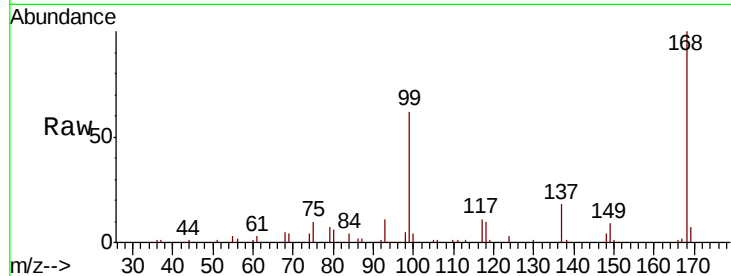
Tgt Ion:117 Resp: 7941

Ion Ratio Lower Upper

117 100

119 7.1 74.4 111.6#

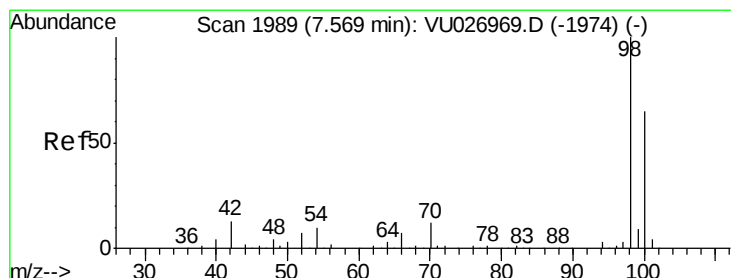
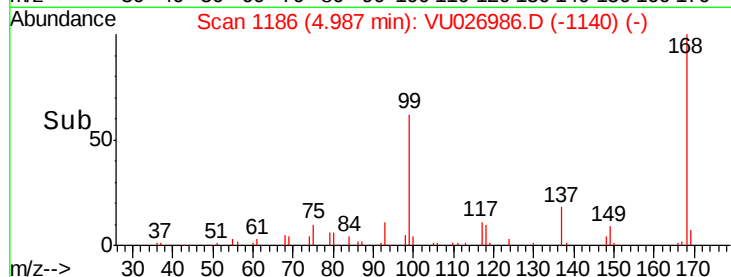
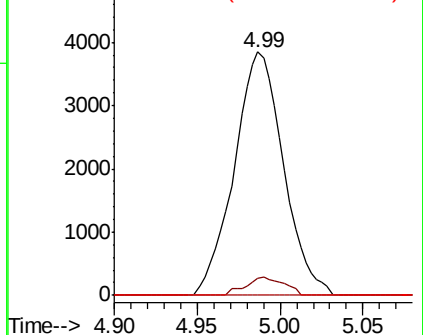
121 0.0 24.2 36.4#



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



#50

Toluene-d8

Concen: 47.242 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026986.D

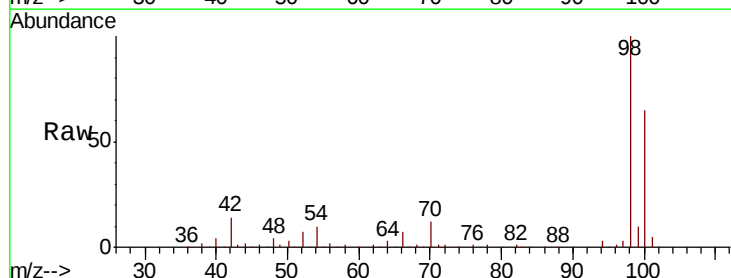
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Tgt Ion: 98 Resp: 244791

Ion Ratio Lower Upper

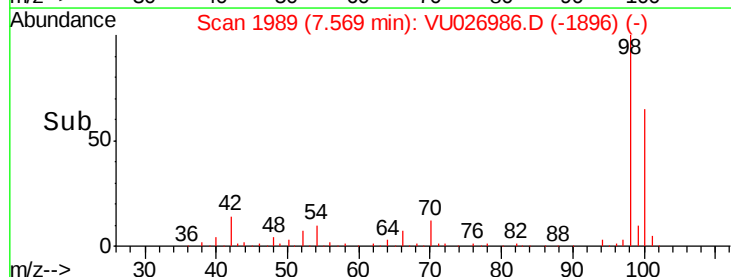
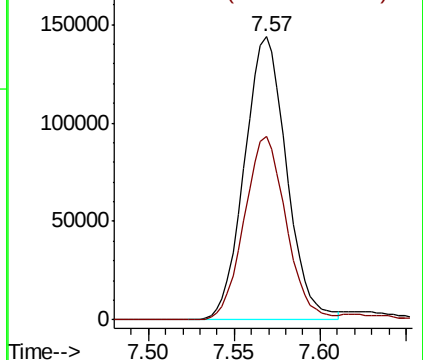
98 100

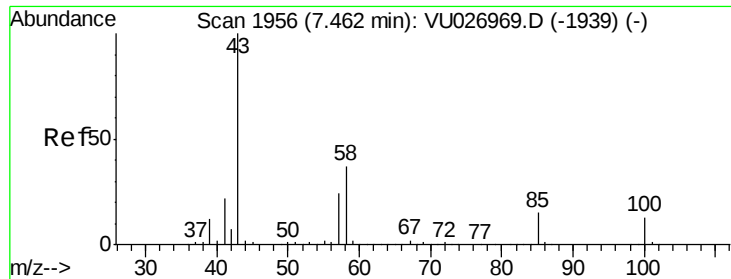
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

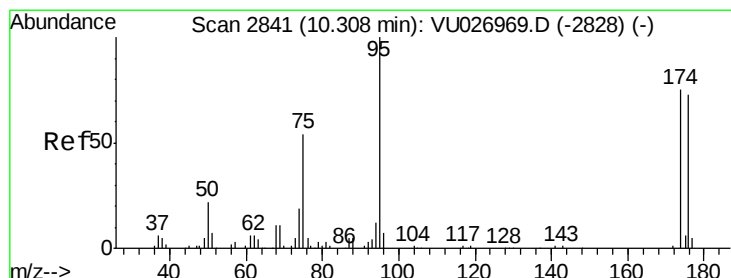
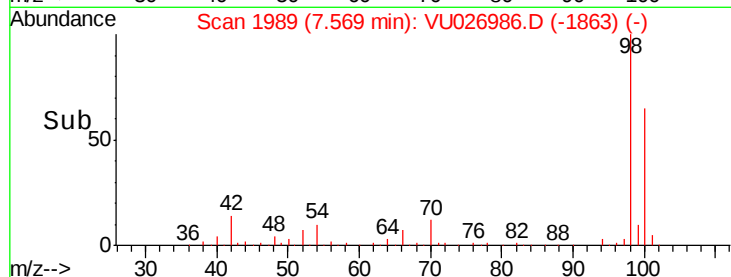
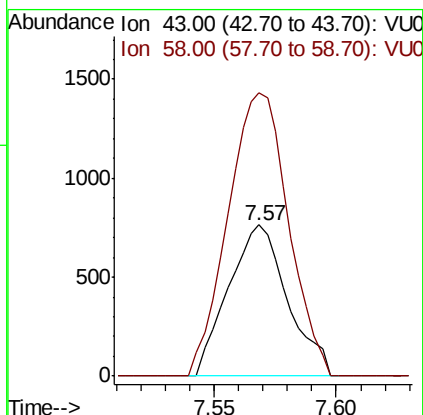
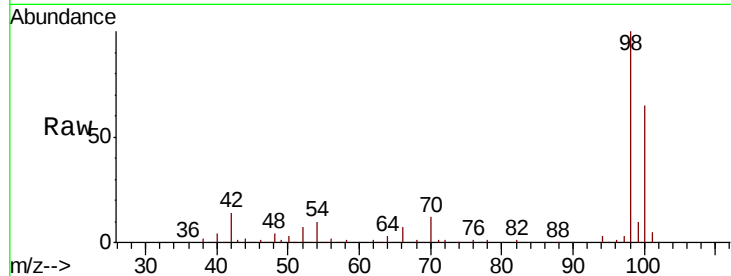




#51
 4-Methyl-2-Pentanone
 Concen: 0.460 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

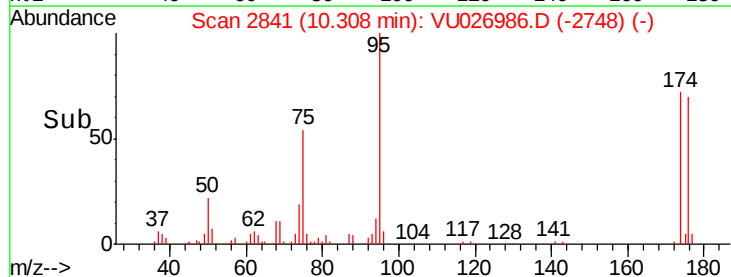
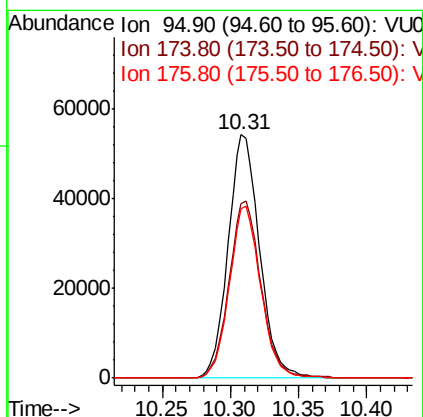
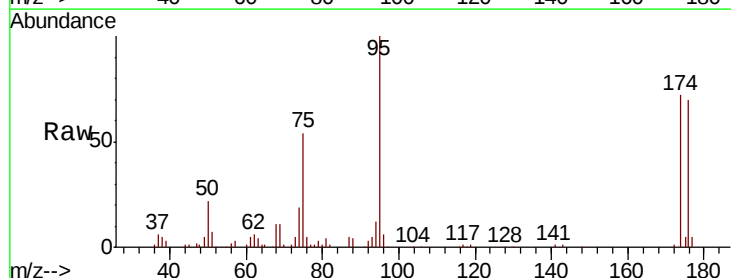
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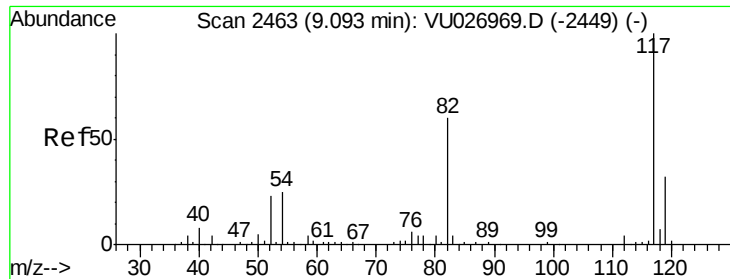
Tgt Ion: 43 Resp: 1280
 Ion Ratio Lower Upper
 43 100
 58 192.0 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 49.040 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

Tgt Ion: 95 Resp: 87192
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 150.2
 176 70.0 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU026986.D

Acq: 21 Sep 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

FC-MW05S-20180911

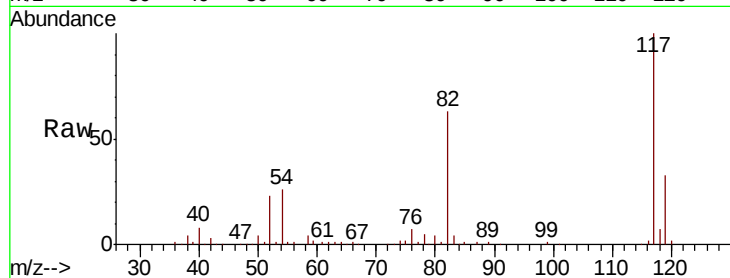
Tgt Ion:117 Resp: 159684

Ion Ratio Lower Upper

117 100

82 62.7 48.0 72.0

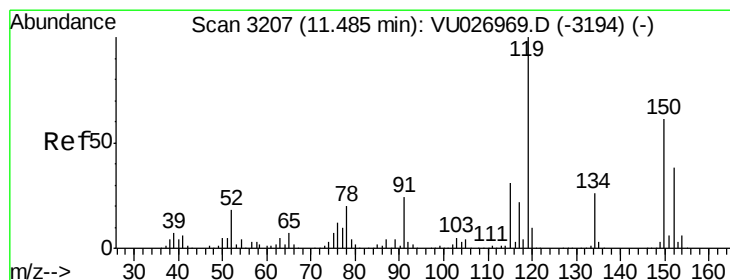
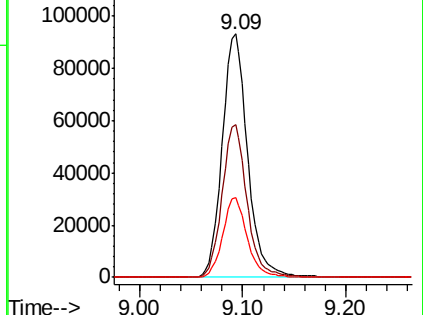
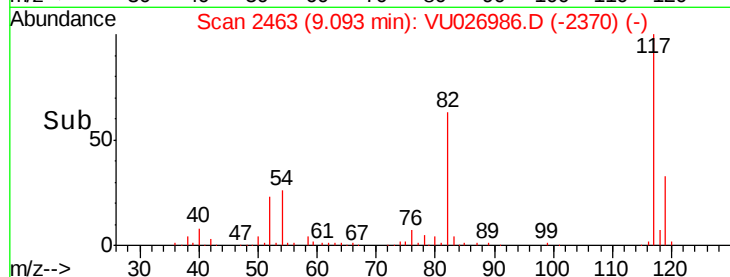
119 32.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): 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: VU026986.D

Acq: 21 Sep 2018 22:48

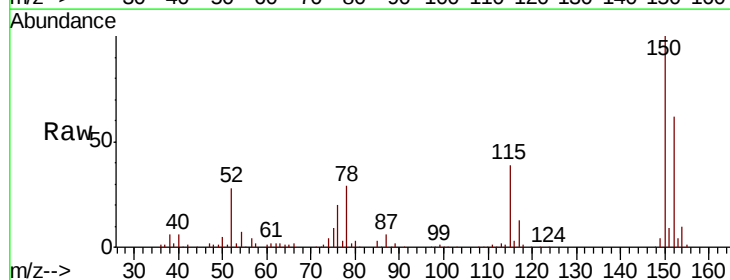
Tgt Ion:152 Resp: 76549

Ion Ratio Lower Upper

152 100

115 60.6 44.9 134.5

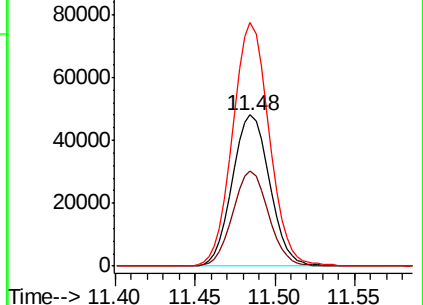
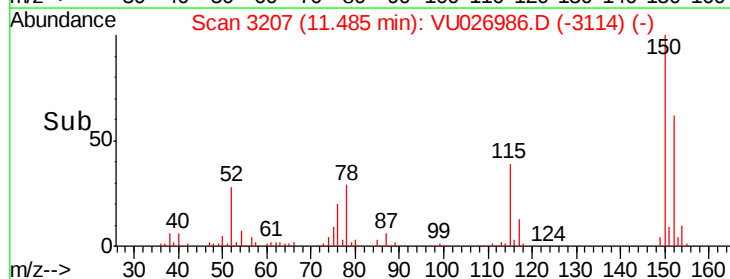
150 157.7 0.0 355.8

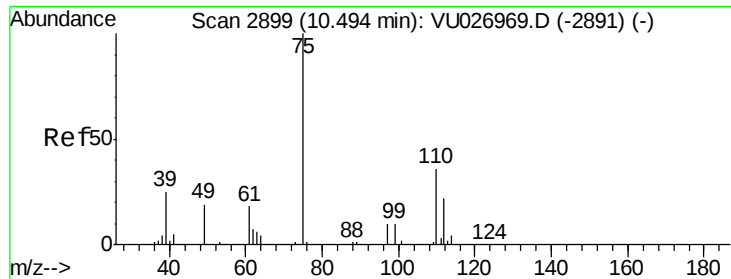


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

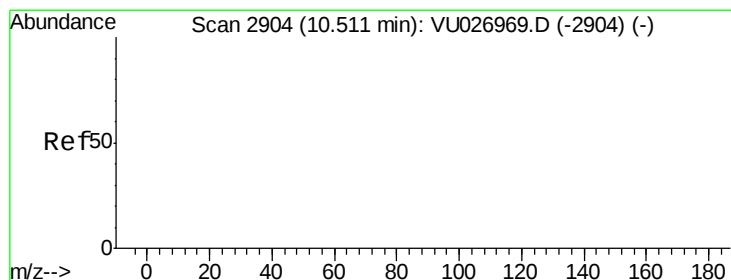
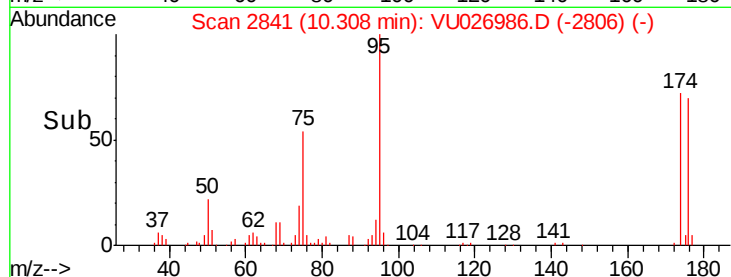
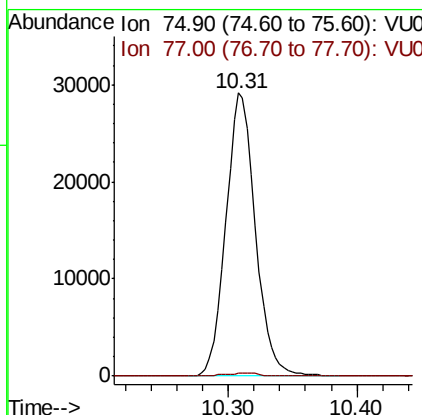
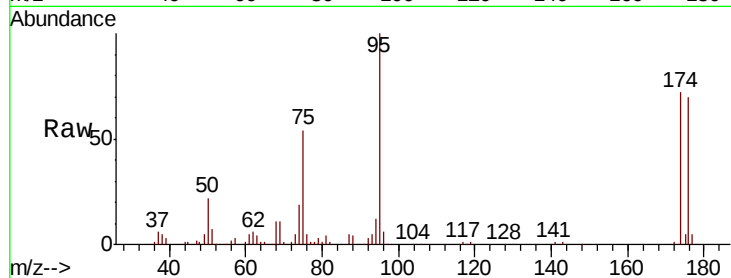




#76
 1,2,3-Trichloropropane
 Concen: 19.897 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

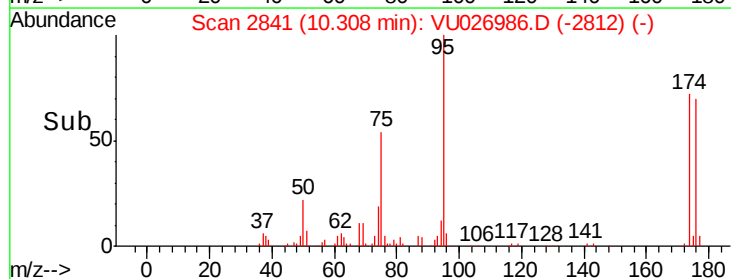
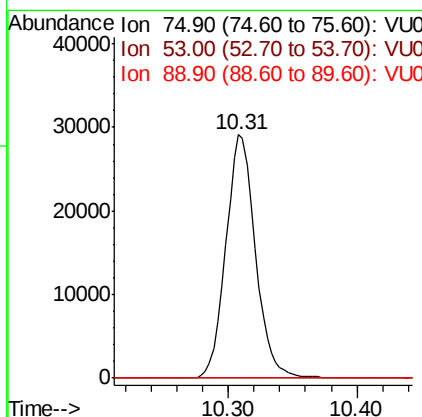
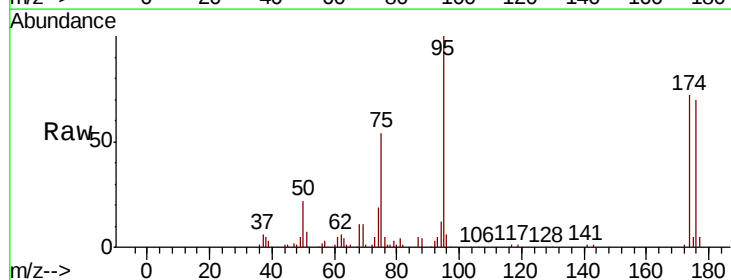
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW05S-20180911

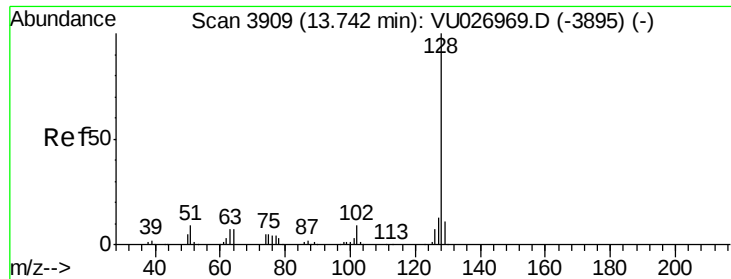
Tgt Ion: 75 Resp: 46271
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.674 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU026986.D
 Acq: 21 Sep 2018 22:48

Tgt Ion: 75 Resp: 46271
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.718 ug/l

RT: 13.77 min Scan# 3918

Delta R.T. 0.03 min

Lab File: VU026986.D

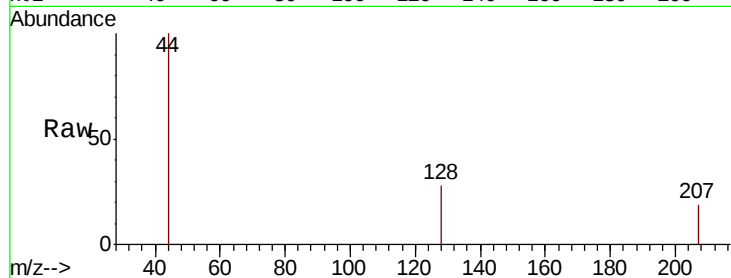
Acq: 21 Sep 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

FC-MW05S-20180911



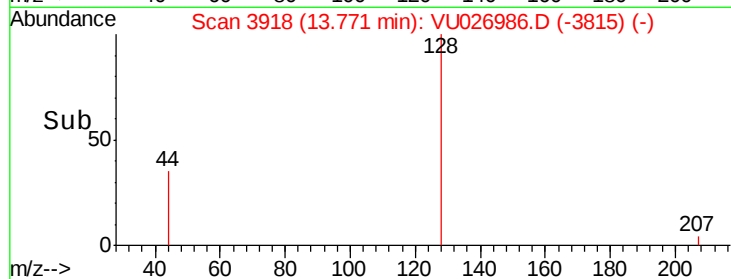
Tgt Ion:128 Resp: 187

Ion Ratio Lower Upper

128 100

127 0.0 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

