

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026917.D
 Acq On : 19 Sep 2018 23:08
 Operator : MD/SY
 Sample : J4934-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW184S-20180912

Quant Time: Sep 20 05:36:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	76982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	130671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70917	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	66922	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
35) Dibromofluoromethane	4.88	113	60298	56.57	ug/l	0.00
Spiked Amount			Recovery	=	113.14%	
50) Toluene-d8	7.57	98	196833	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	10.31	95	65626	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

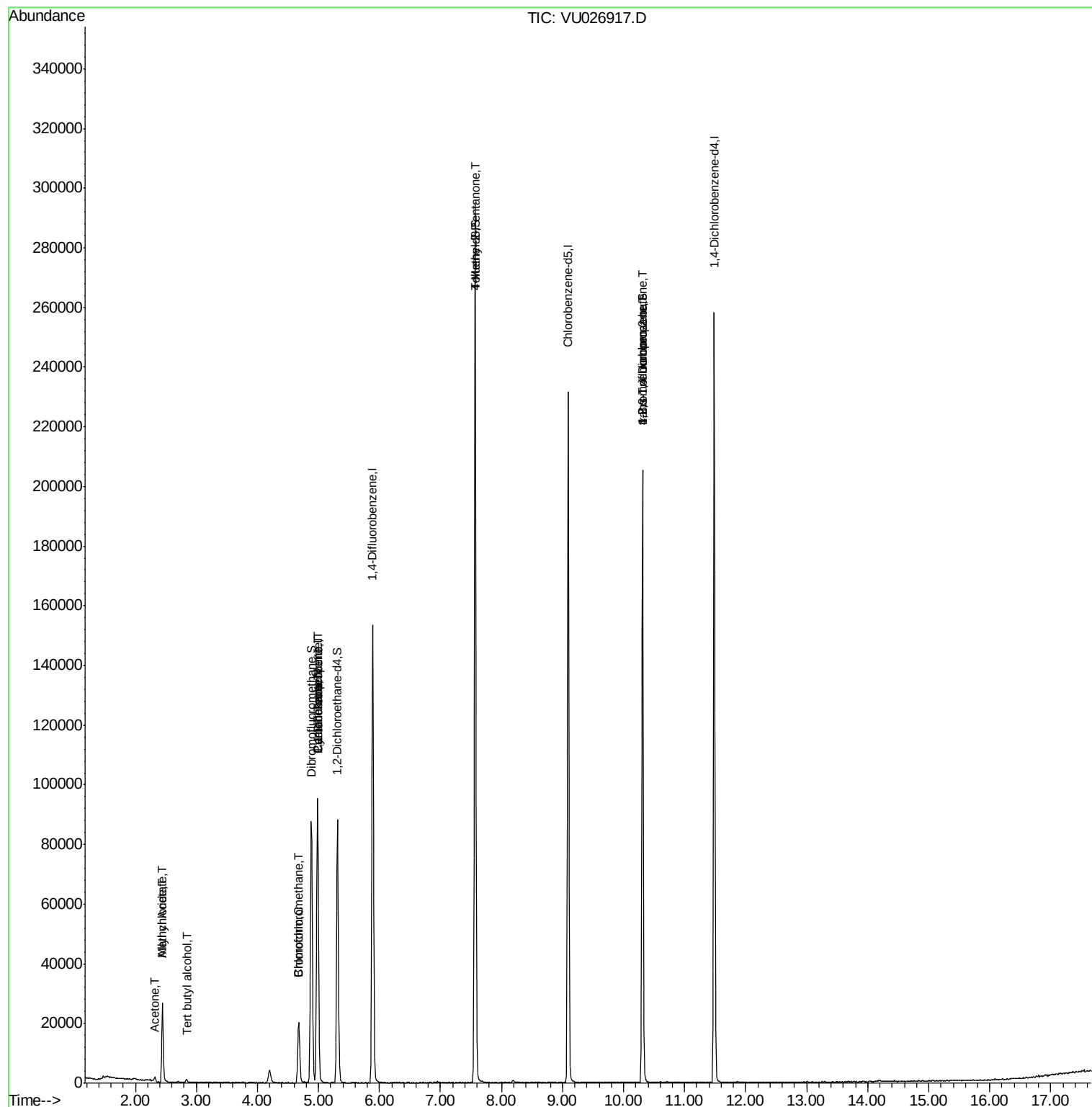
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.85	59	722	2.537	ug/l #	73
14) Allyl chloride	2.44	41	2813	1.767	ug/l #	73
16) Acetone	2.32	43	1808	2.735	ug/l	93
18) Methyl Acetate	2.44	43	6785	4.756	ug/l #	54
28) Bromochloromethane	4.67	49	1413	1.577	ug/l #	14
30) Chloroform	4.67	83	20115	10.915	ug/l	96
31) Cyclohexane	4.98	56	1251	0.551	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	5273	3.594	ug/l #	47
38) Carbon Tetrachloride	4.99	117	6808	4.392	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	662	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	31620	19.905	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	31620	61.873	ug/l #	100

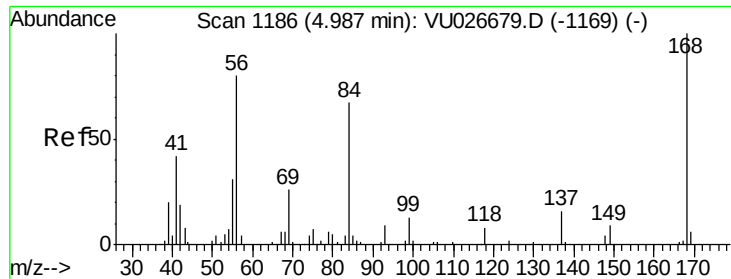
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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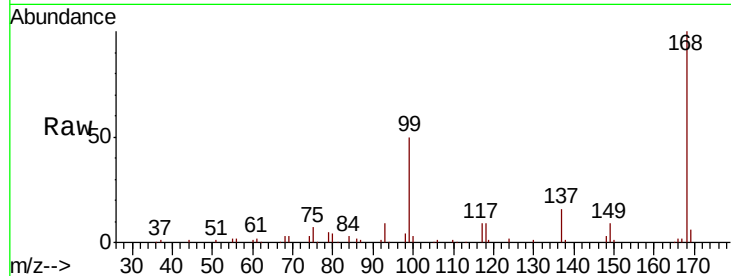




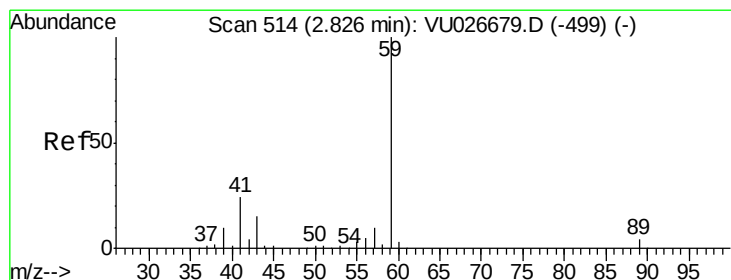
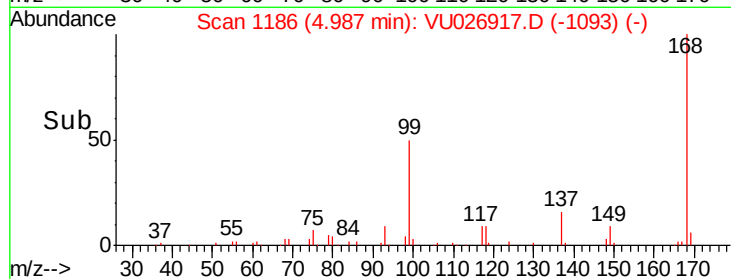
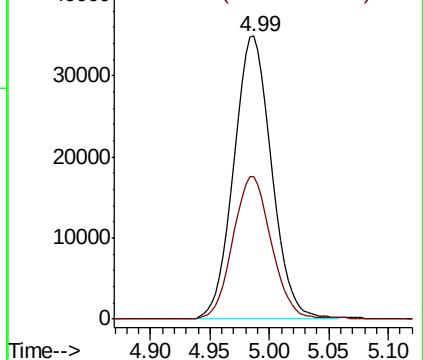
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Instrument :
MSVOA_U
ClientSampleId :
SA-MW184S-20180912

Tgt Ion: 168 Resp: 76982
Ion Ratio Lower Upper
168 100
99 50.3 42.0 63.0

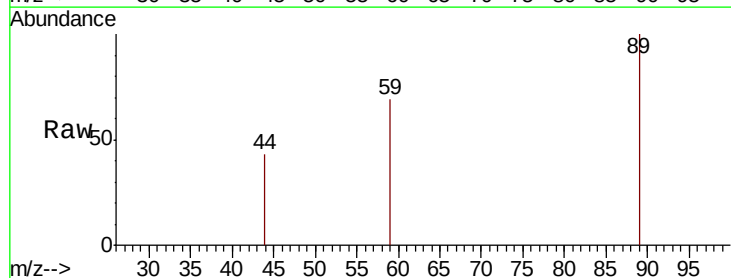


Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

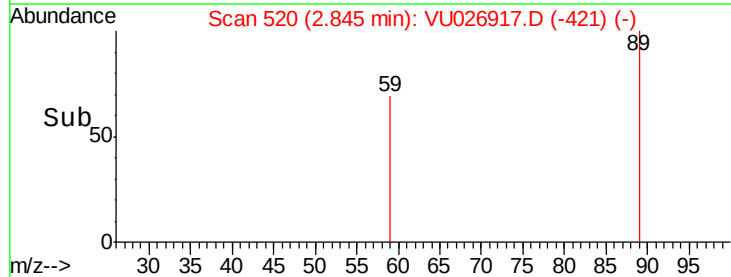
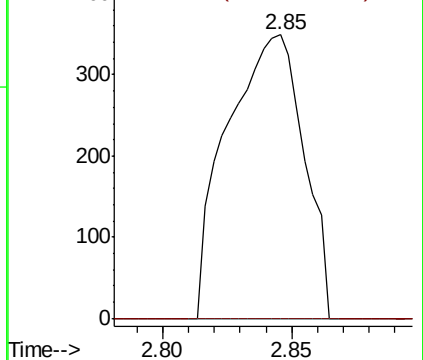


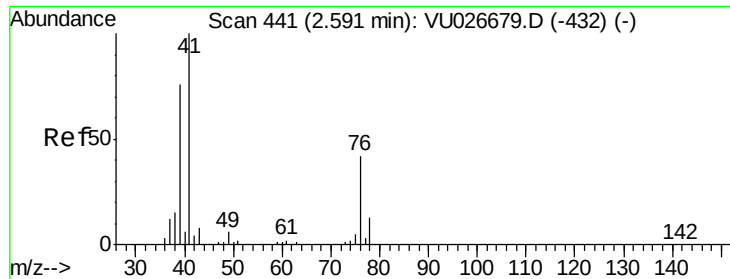
#11
Tert butyl alcohol
Concen: 2.537 ug/l
RT: 2.85 min Scan# 520
Delta R.T. 0.02 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU026679.D (-499) (-)
Ion 57.00 (56.70 to 57.70): VU026679.D (-499) (-)

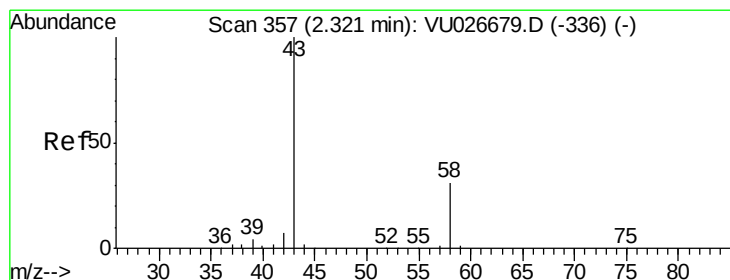
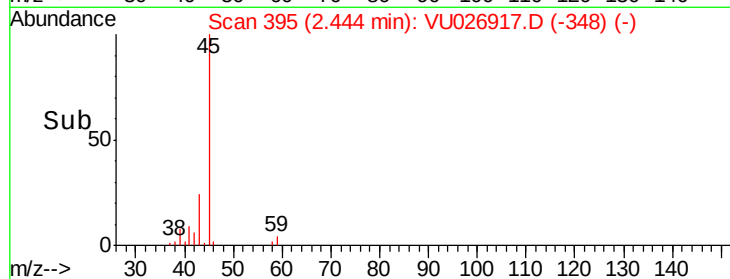
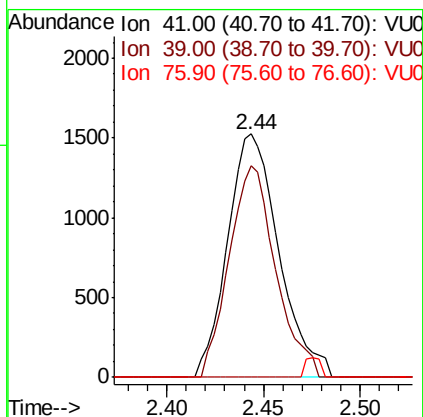
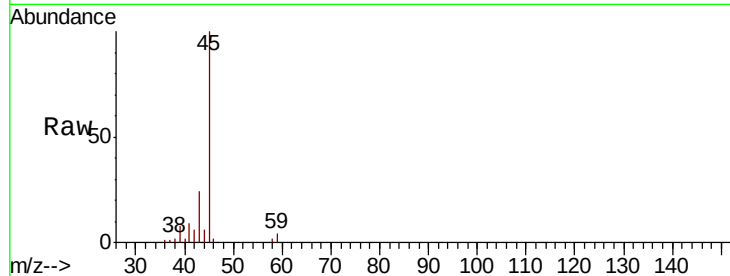




#14
 Allyl chloride
 Concen: 1.767 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

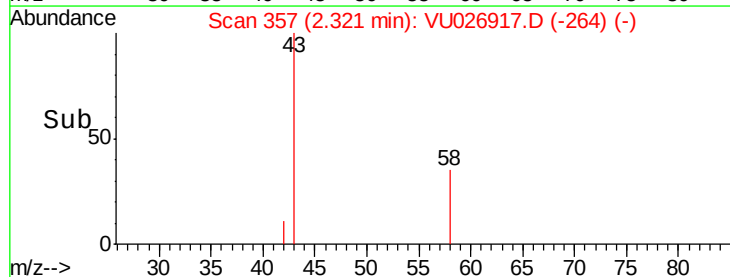
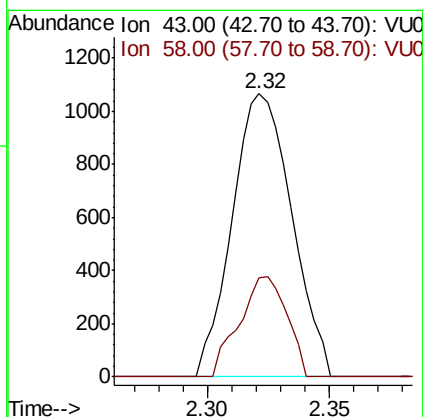
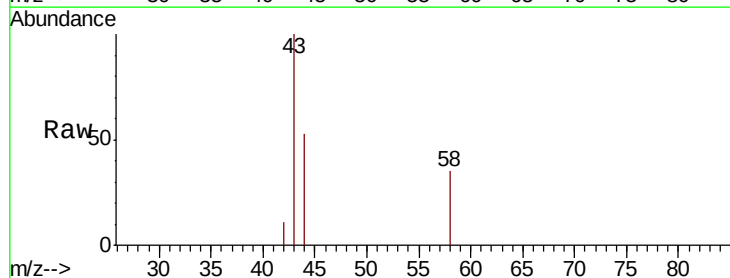
Instrument :
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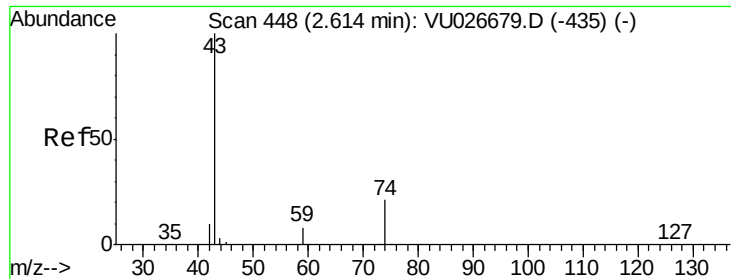
Tgt Ion: 41 Resp: 2813
 Ion Ratio Lower Upper
 41 100
 39 78.7 56.9 85.3
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 2.735 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

Tgt Ion: 43 Resp: 1808
 Ion Ratio Lower Upper
 43 100
 58 35.2 25.1 37.7

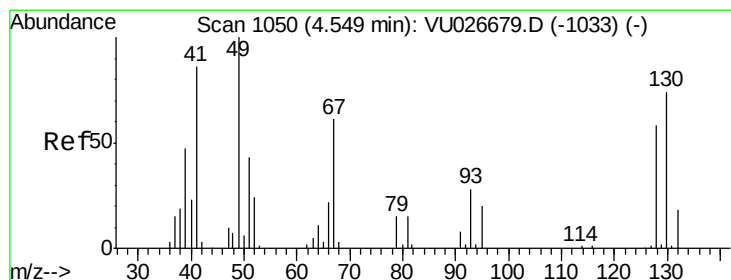
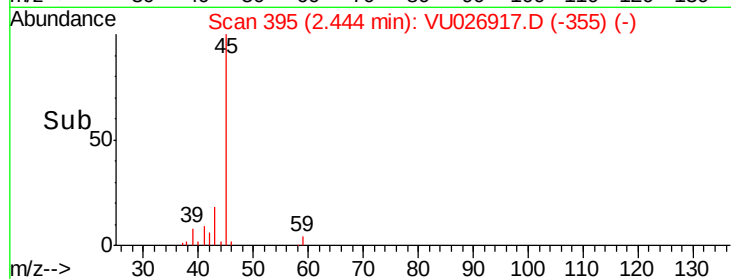
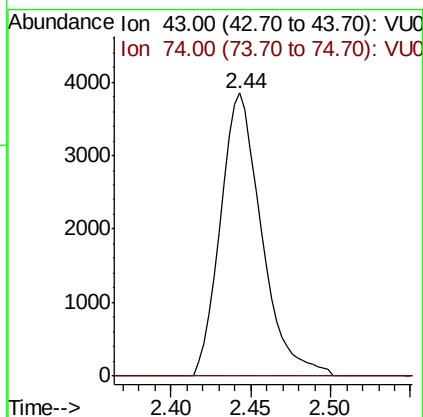
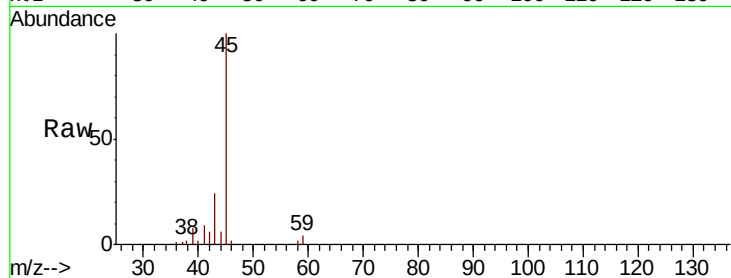




#18
Methyl Acetate
Concen: 4.756 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

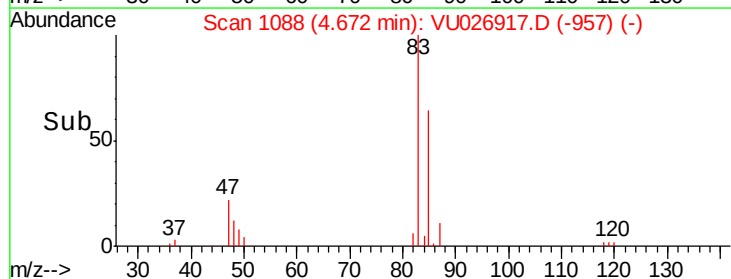
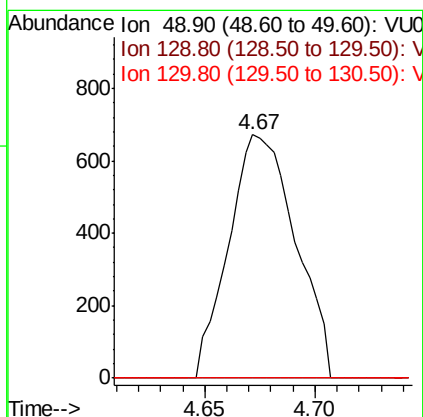
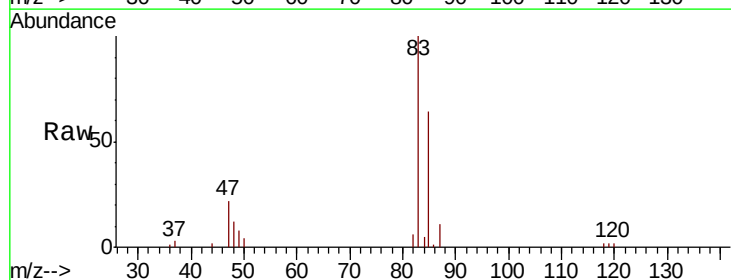
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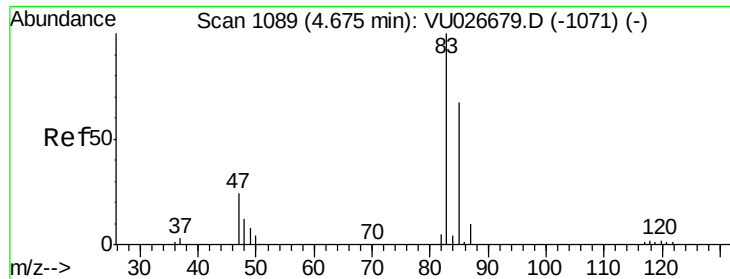
Tgt Ion: 43 Resp: 6785
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#28
Bromochloromethane
Concen: 1.577 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.12 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 49 Resp: 1413
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 59.8 89.6#

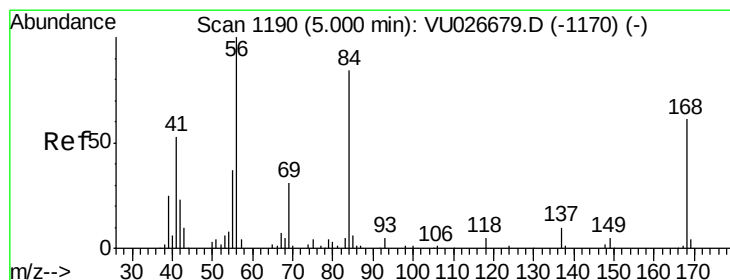
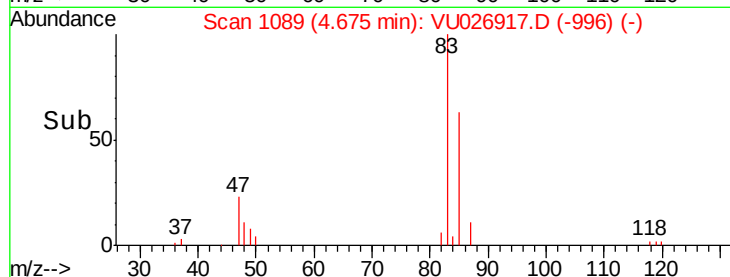
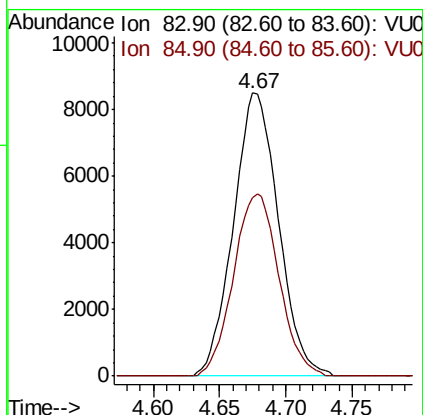
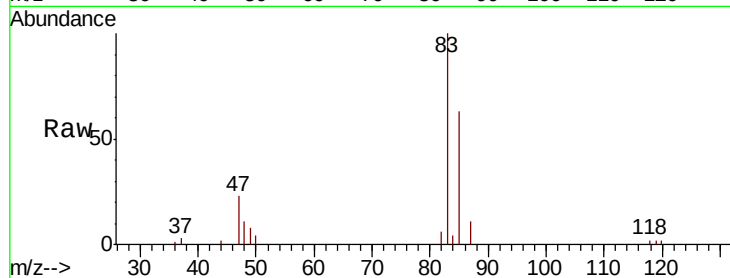




#30
Chloroform
Concen: 10.915 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

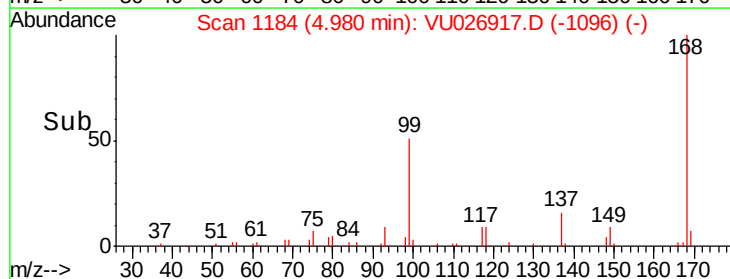
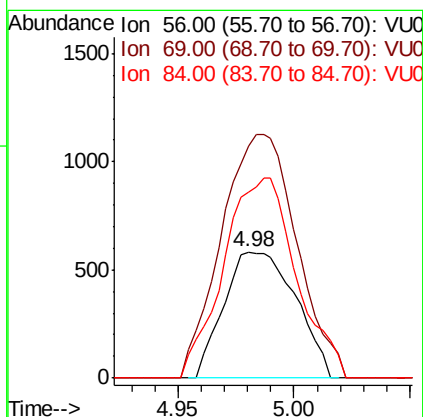
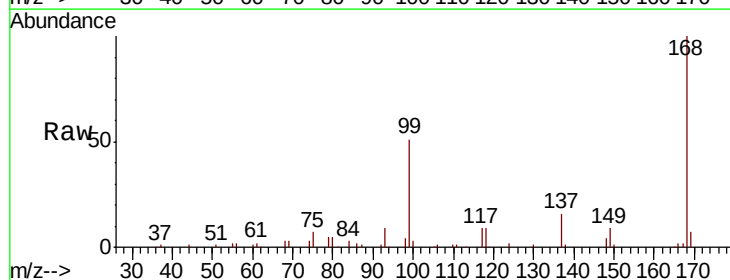
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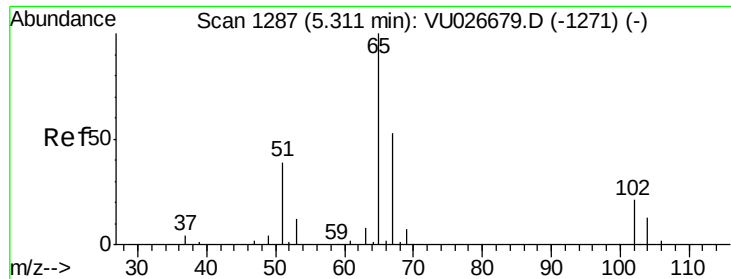
Tgt Ion: 83 Resp: 20115
Ion Ratio Lower Upper
83 100
85 63.1 53.3 79.9



#31
Cyclohexane
Concen: 0.551 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 56 Resp: 1251
Ion Ratio Lower Upper
56 100
69 163.9 24.9 37.3#
84 128.9 66.6 100.0#

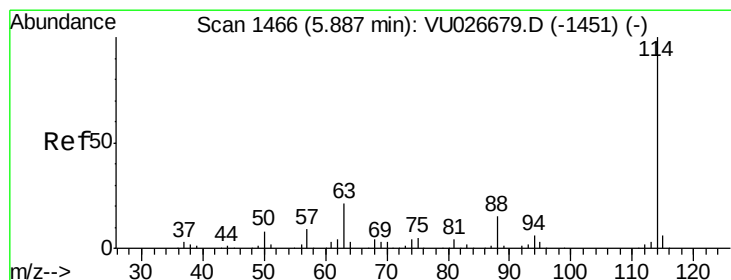
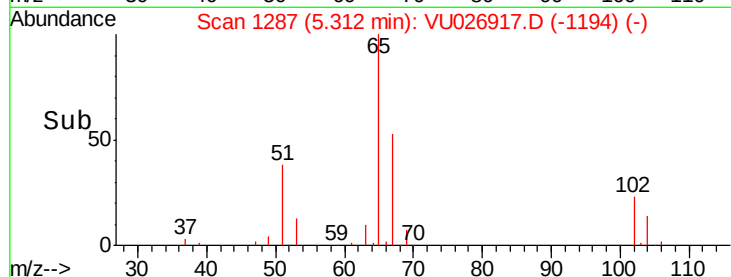
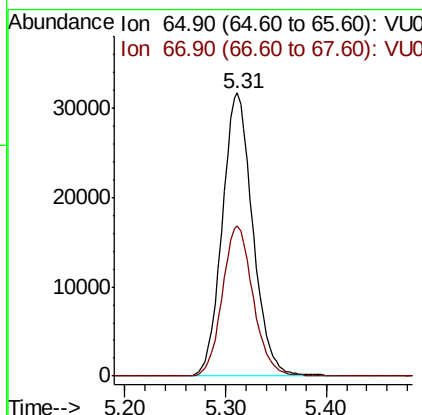
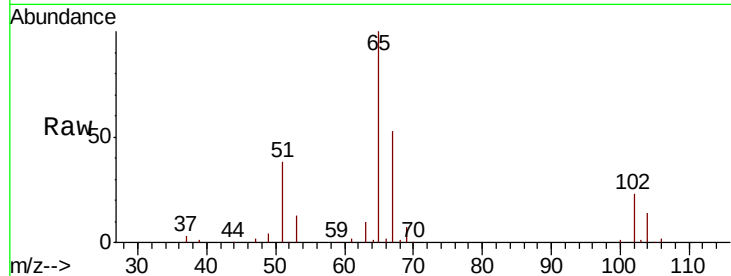




#33
 1,2-Dichloroethane-d4
 Concen: 57.307 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

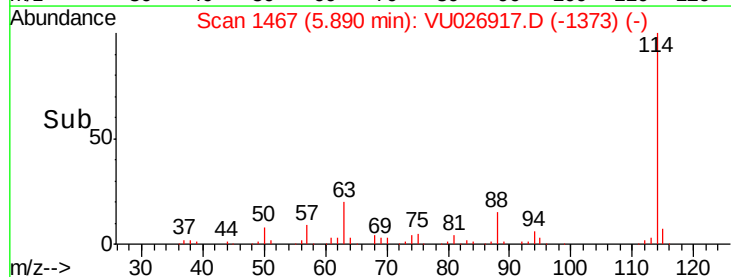
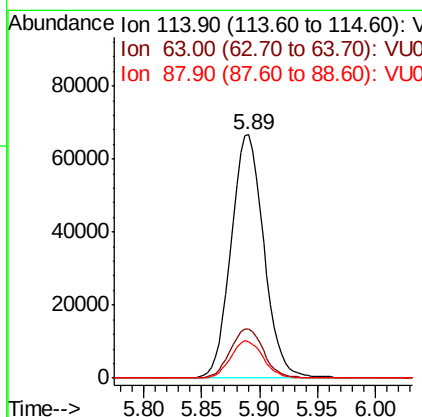
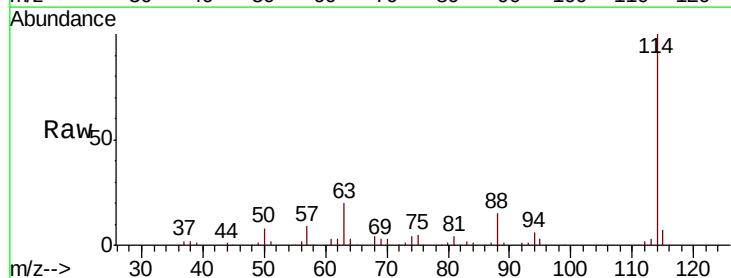
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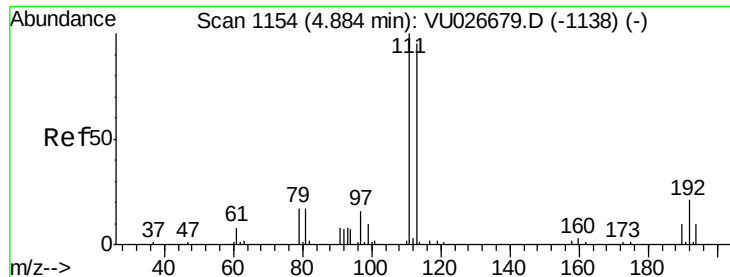
Tgt Ion: 65 Resp: 66922
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

Tgt Ion: 114 Resp: 130671
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.1 0.0 30.8

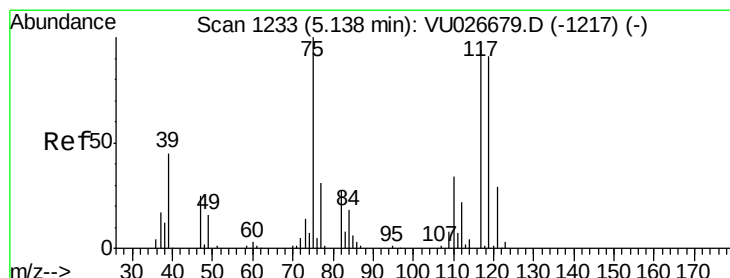
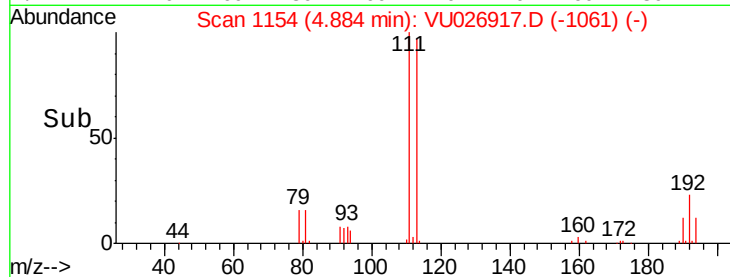
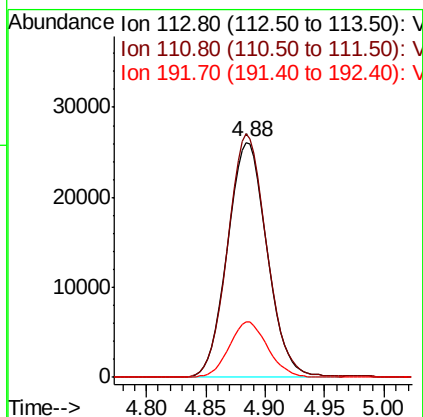
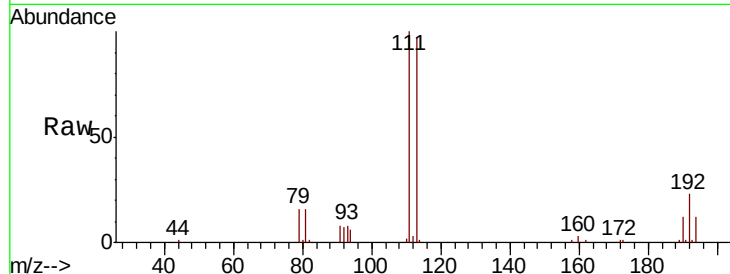




#35
 Dibromofluoromethane
 Concen: 56.571 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

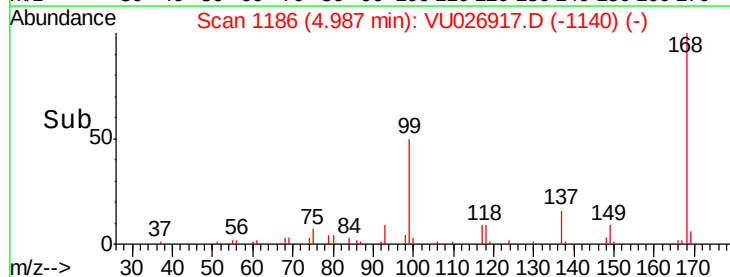
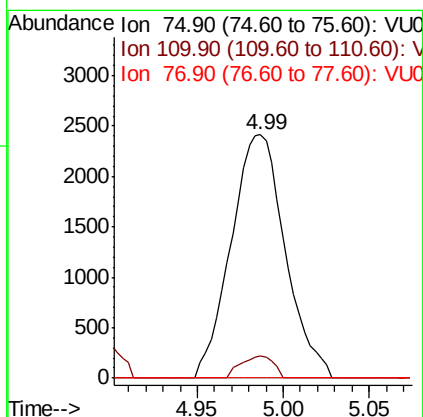
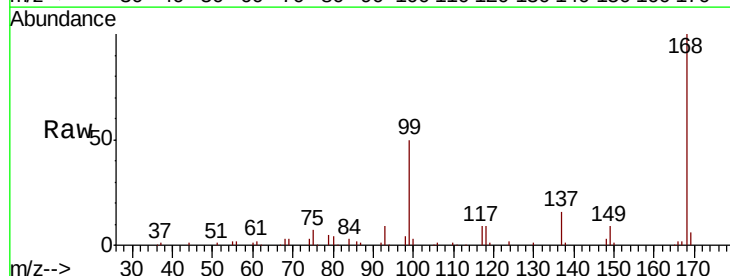
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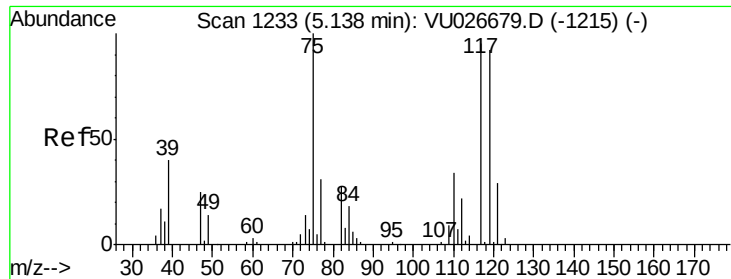
Tgt Ion:113 Resp: 60298
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.1 124.7
 192 22.9 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 3.594 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026917.D
 Acq: 19 Sep 2018 23:08

Tgt Ion: 75 Resp: 5273
 Ion Ratio Lower Upper
 75 100
 110 5.6 17.3 51.9#
 77 0.0 24.9 37.3#

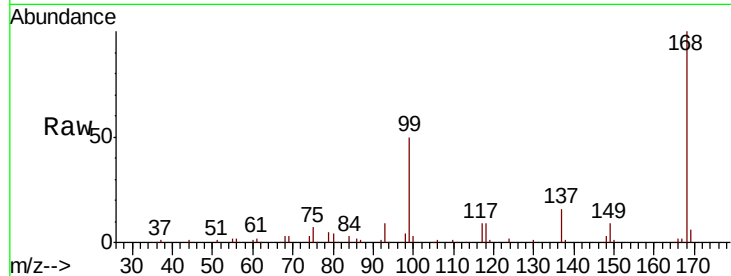




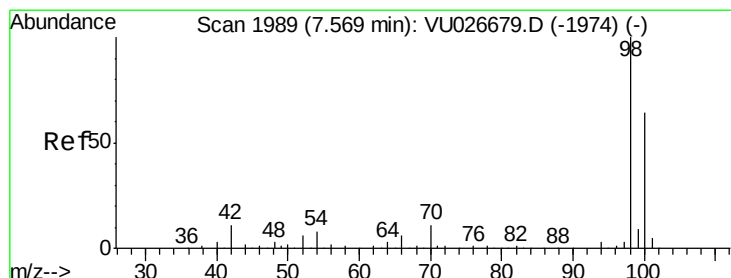
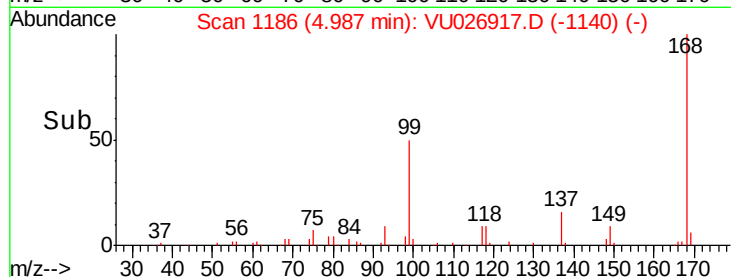
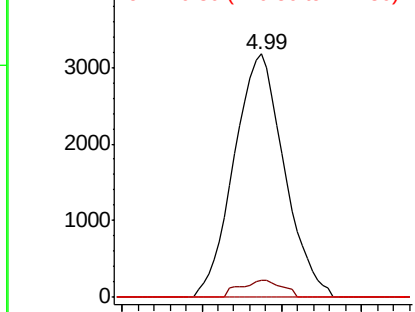
#38
Carbon Tetrachloride
Concen: 4.392 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Instrument :
MSVOA_U
ClientSampleId :
SA-MW184S-20180912

Tgt Ion:117 Resp: 6808
Ion Ratio Lower Upper
117 100
119 7.2 77.8 116.8#
121 0.0 25.0 37.4#

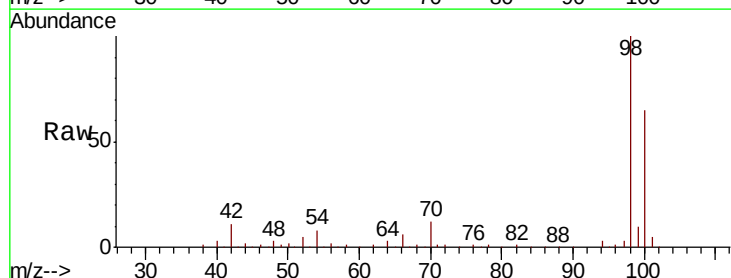


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

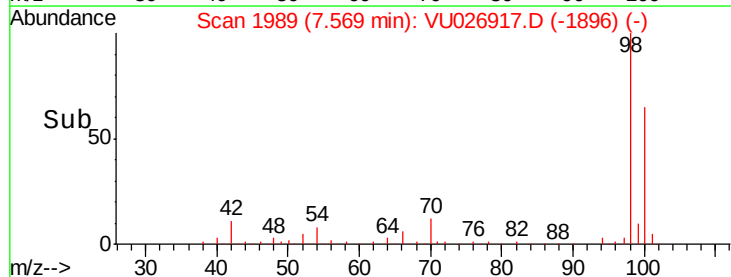
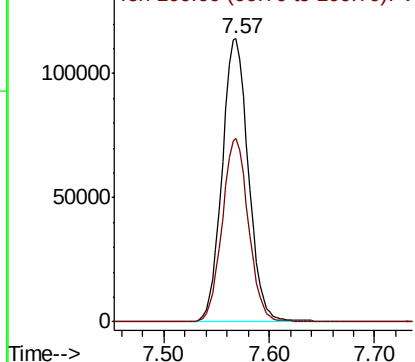


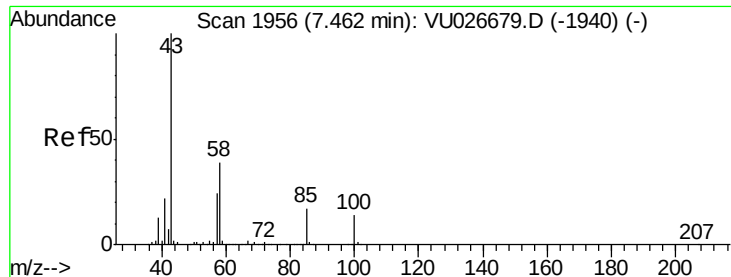
#50
Toluene-d8
Concen: 49.929 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 98 Resp: 196833
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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: 0.368 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU026917.D

Acq: 19 Sep 2018 23:08

Instrument :

MSVOA_U

ClientSampleId :

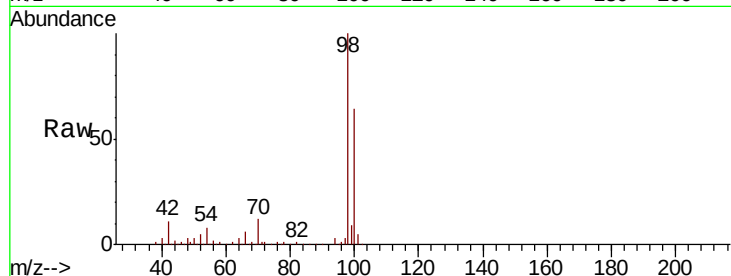
SA-MW184S-20180912

Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

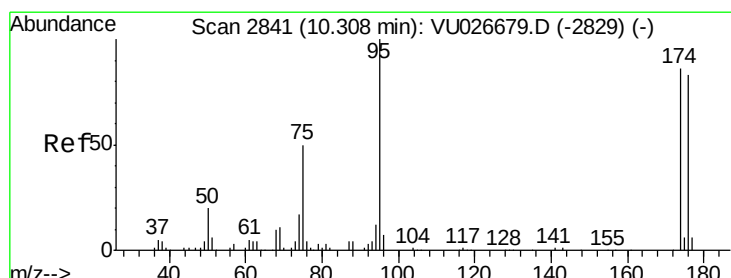
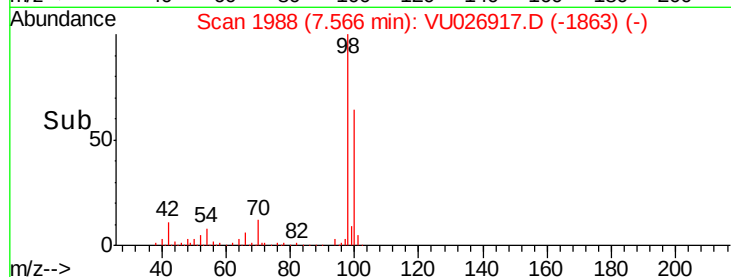
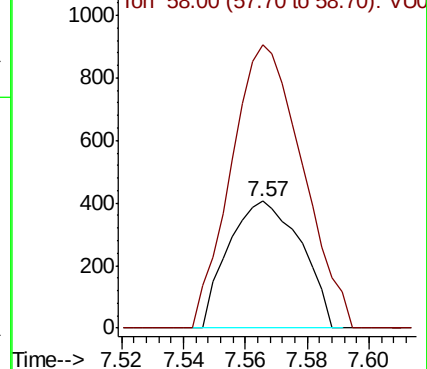
43 100

58 218.6 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.931 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026917.D

Acq: 19 Sep 2018 23:08

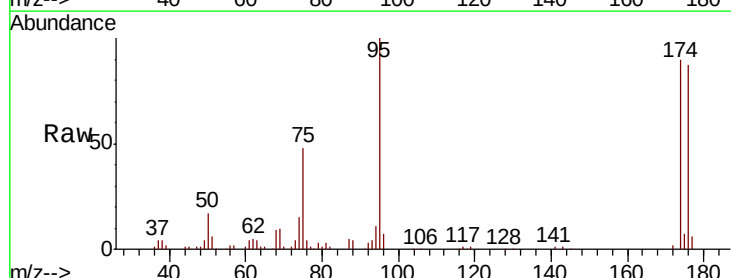
Tgt Ion: 95 Resp: 65626

Ion Ratio Lower Upper

95 100

174 93.7 0.0 172.8

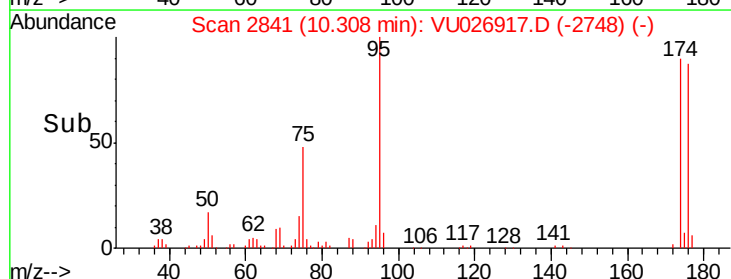
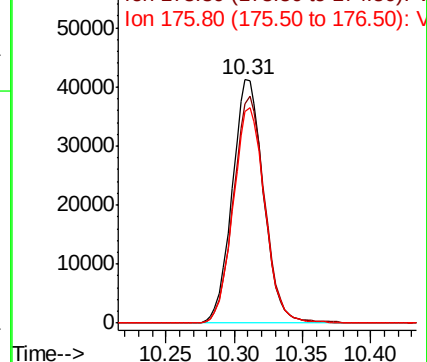
176 89.5 0.0 168.6

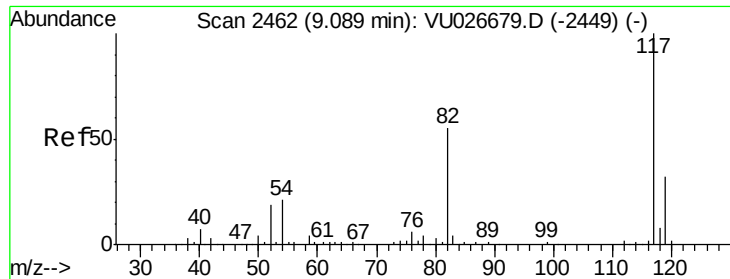


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

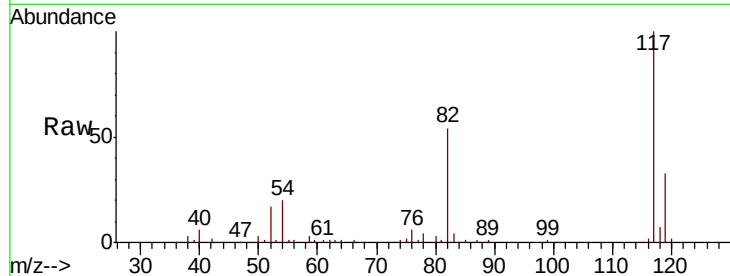




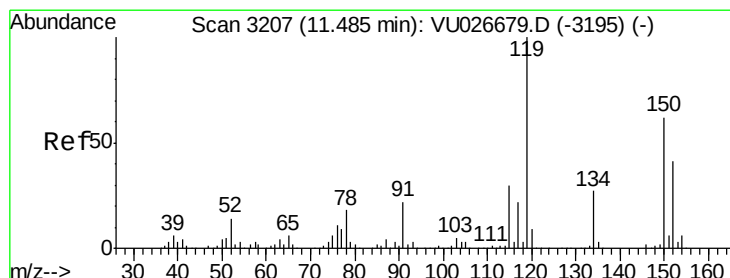
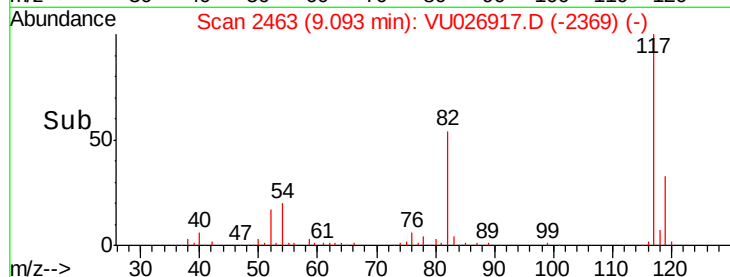
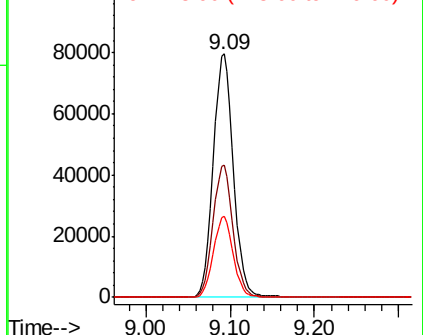
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Instrument :
MSVOA_U
ClientSampleId :
SA-MW184S-20180912

Tgt Ion:117 Resp: 132144
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 33.3 25.7 38.5

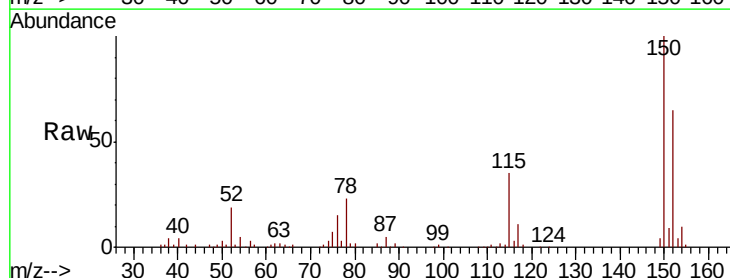


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

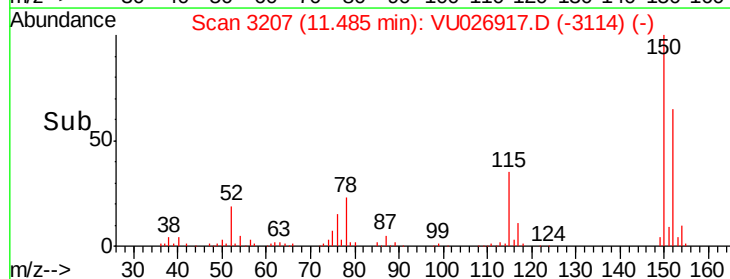
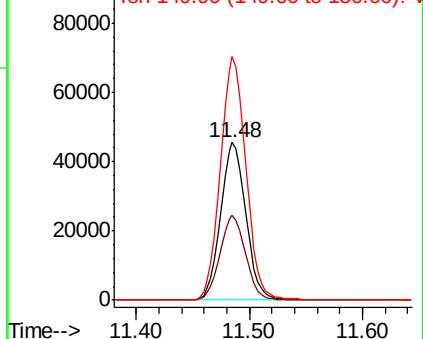


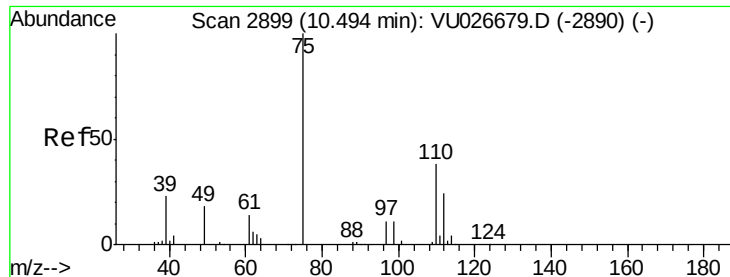
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026917.D
Acq: 19 Sep 2018 23:08

Tgt Ion:152 Resp: 70917
Ion Ratio Lower Upper
152 100
115 54.1 40.4 121.1
150 155.6 0.0 345.2



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: 19.905 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU026917.D

Acq: 19 Sep 2018 23:08

Instrument :

MSVOA_U

ClientSampleId :

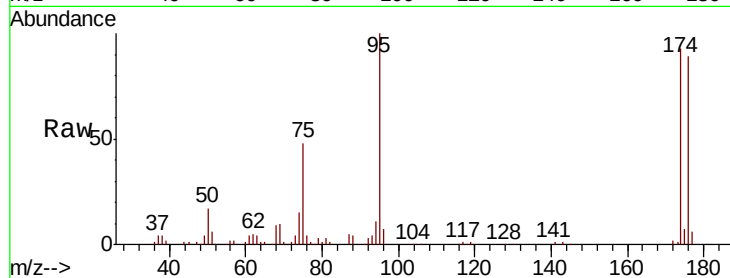
SA-MW184S-20180912

Tgt Ion: 75 Resp: 31620

Ion Ratio Lower Upper

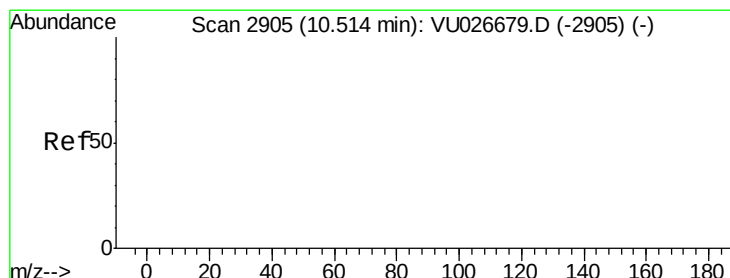
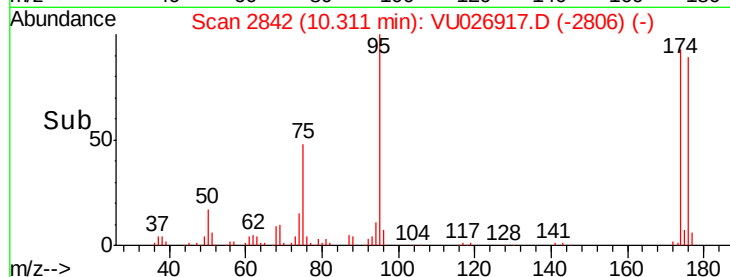
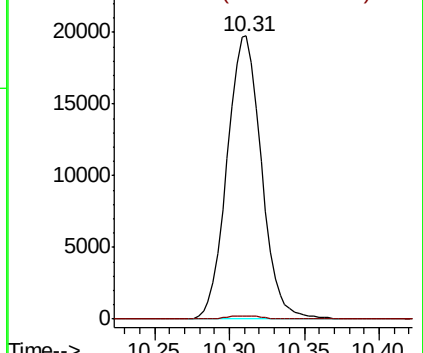
75 100

77 1.1 21.1 63.1#



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: 61.873 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU026917.D

Acq: 19 Sep 2018 23:08

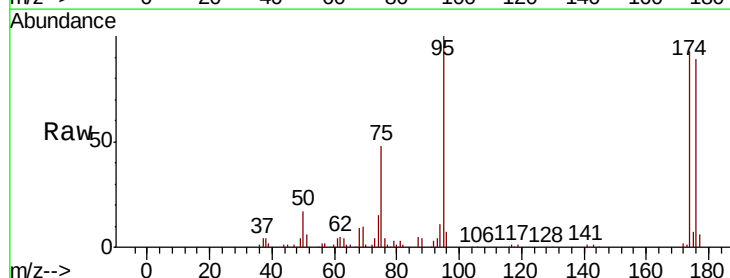
Tgt Ion: 75 Resp: 31620

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

