

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026901.D
 Acq On : 19 Sep 2018 16:55
 Operator : MD/SY
 Sample : J4913-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Quant Time: Sep 20 05:34:14 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	86848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146090	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76173	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	70193	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
35) Dibromofluoromethane	4.88	113	62896	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
50) Toluene-d8	7.57	98	213861	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.31	95	71914	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

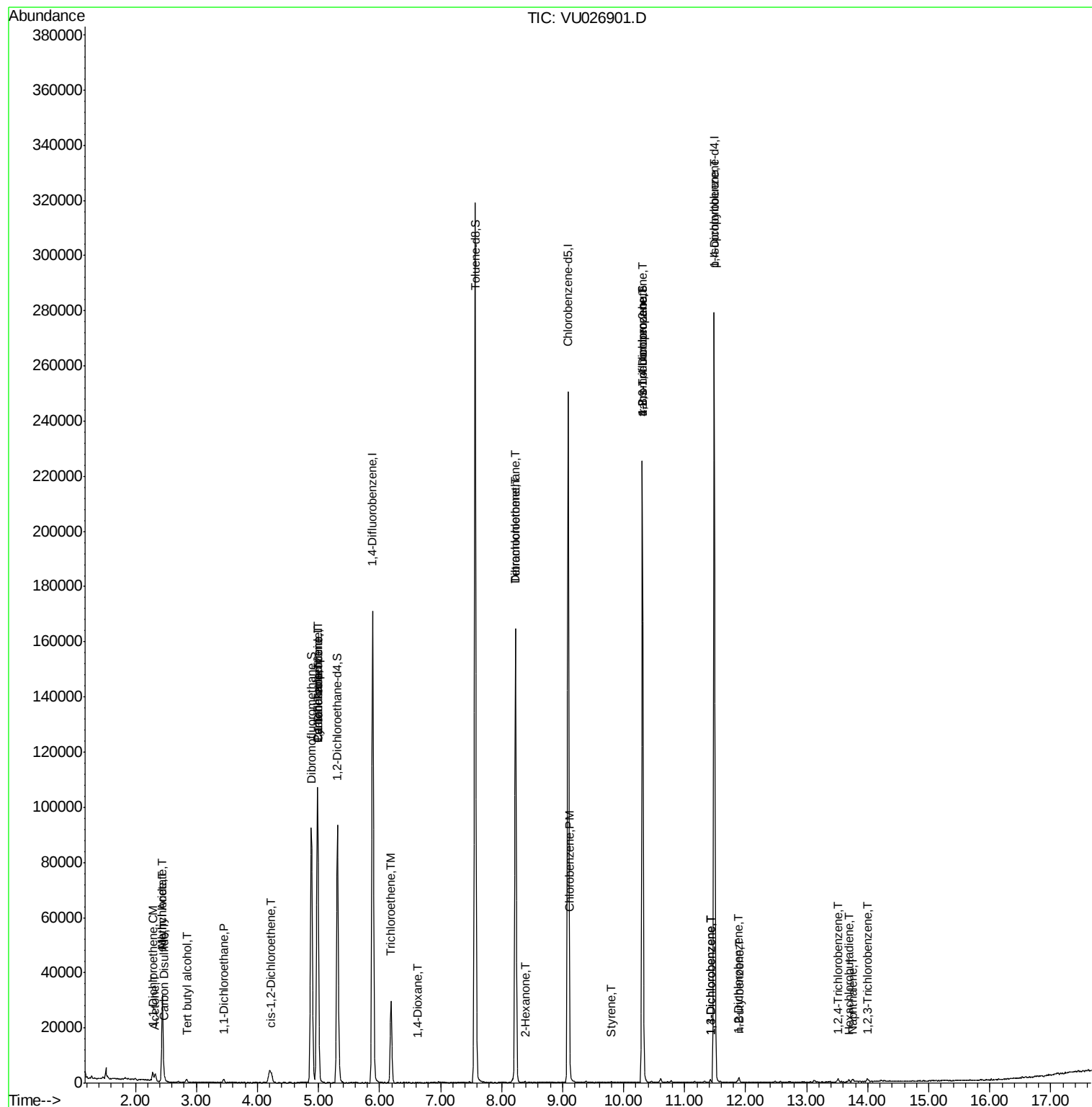
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	441	1.373	ug/l #	73
12) 1,1-Dichloroethene	2.28	96	1087	1.090	ug/l	88
14) Allyl chloride	2.44	41	2956	1.646	ug/l #	69
16) Acetone	2.32	43	2498	3.349	ug/l	98
17) Carbon Disulfide	2.48	76	1087	0.343	ug/l #	76
18) Methyl Acetate	2.44	43	7751	4.816	ug/l #	54
24) 1,1-Dichloroethane	3.45	63	1945	0.920	ug/l #	84
27) cis-1,2-Dichloroethene	4.23	96	1327	1.096	ug/l	98
31) Cyclohexane	4.99	56	1623	0.661	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	6211	3.787	ug/l #	46
38) Carbon Tetrachloride	4.99	117	7629	4.402	ug/l #	16
44) Trichloroethene	6.19	130	11141	8.837	ug/l	93
49) 1,4-Dioxane	6.63	88	89	32.195	ug/l #	22
59) 2-Hexanone	8.39	43	565	0.357	ug/l	66
60) Dibromochloromethane	8.23	129	34759	24.688	ug/l #	11
64) Tetrachloroethene	8.23	164	38694	33.970	ug/l	97
65) Chlorobenzene	9.12	112	831	0.234	ug/l	96
70) Styrene	9.80	104	183	1.903	ug/l #	42
76) 1,2,3-Trichloropropane	10.31	75	35015	20.521	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	35015	63.337	ug/l #	100
86) p-Isopropyltoluene	11.48	119	462	1.137	ug/l #	69
87) 1,3-Dichlorobenzene	11.42	146	670	0.255	ug/l	82
88) 1,4-Dichlorobenzene	11.42	146	670	0.245	ug/l	82
89) n-Butylbenzene	11.90	91	729	2.259	ug/l #	83
91) 1,2-Dichlorobenzene	11.88	146	707	0.267	ug/l	82
93) 1,2,4-Trichlorobenzene	13.51	180	705	0.401	ug/l #	84
94) Hexachlorobutadiene	13.69	225	272	0.301	ug/l	94
95) Naphthalene	13.75	128	1738	1.303	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.00	180	775	0.422	ug/l #	92

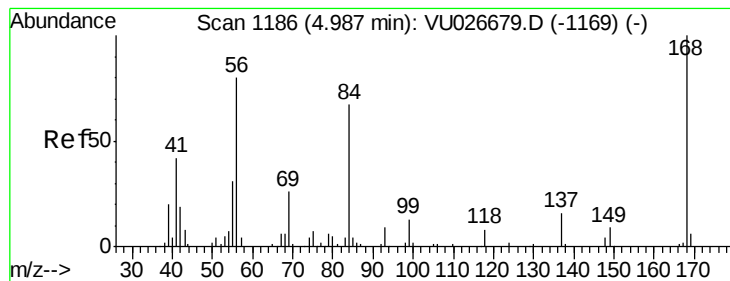
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026901.D
Acq On : 19 Sep 2018 16:55
Operator : MD/SY
Sample : J4913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW303I1-20180912

Quant Time: Sep 20 05:34:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 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: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

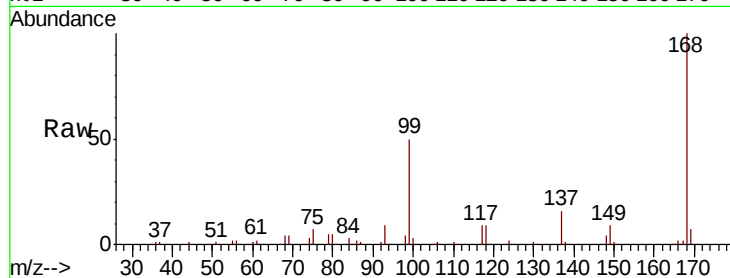
BPSI-TT-MW30311-20180912

Tgt Ion:168 Resp: 86848

Ion Ratio Lower Upper

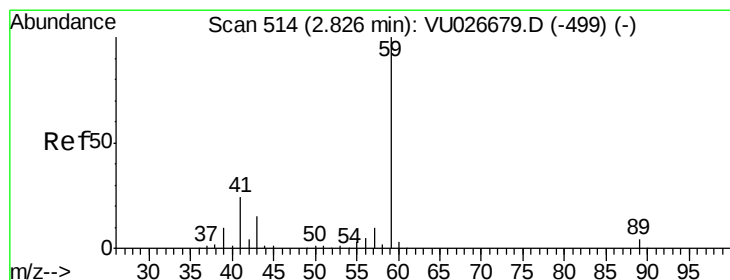
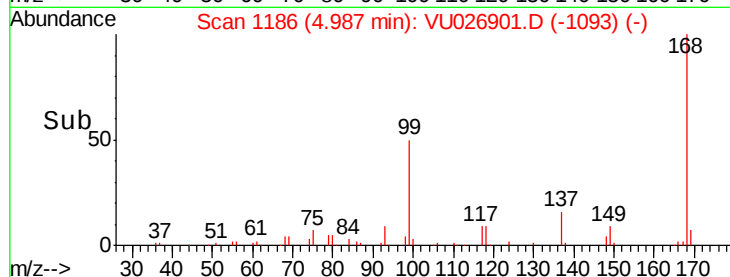
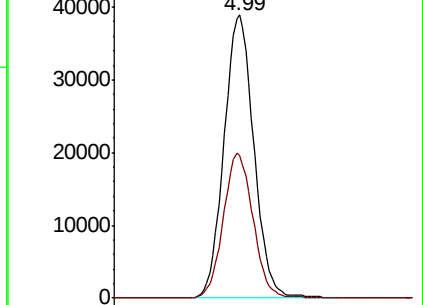
168 100

99 50.4 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU026901.D (-1093) (-)



#11

Tert butyl alcohol

Concen: 1.373 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU026901.D

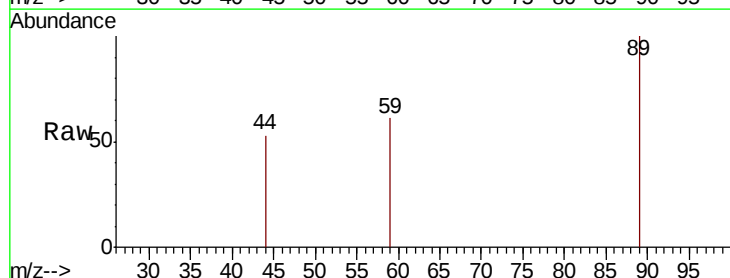
Acq: 19 Sep 2018 16:55

Tgt Ion: 59 Resp: 441

Ion Ratio Lower Upper

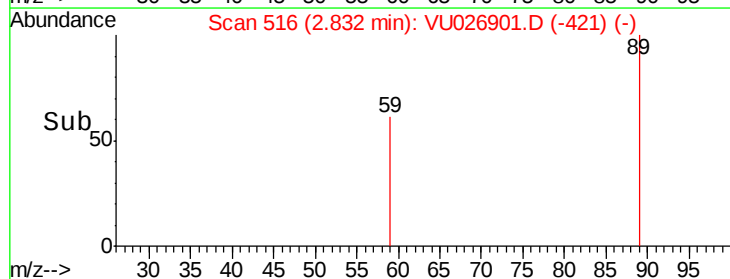
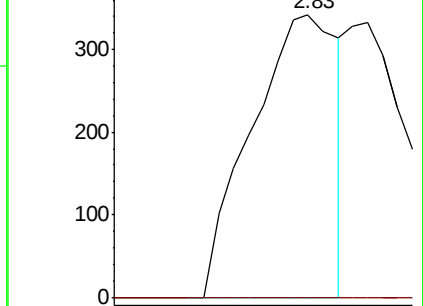
59 100

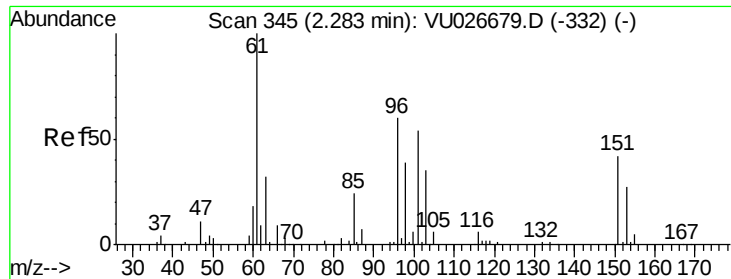
57 0.0 8.0 12.0#



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

Ion 57.00 (56.70 to 57.70): VU026901.D (-421) (-)

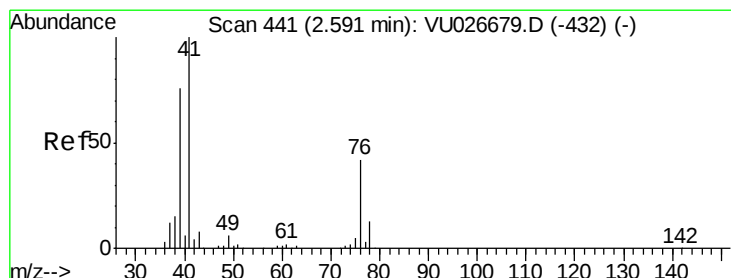
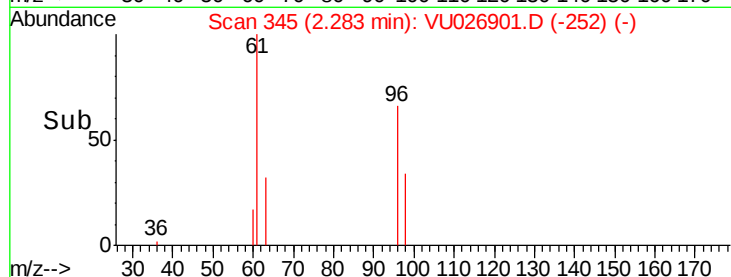
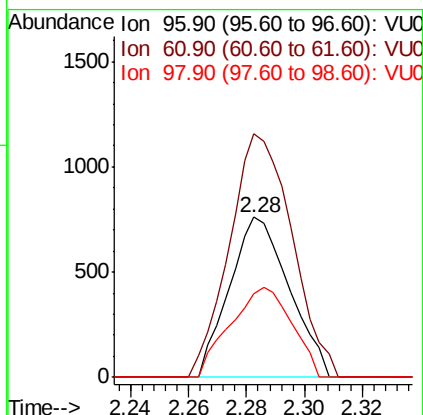
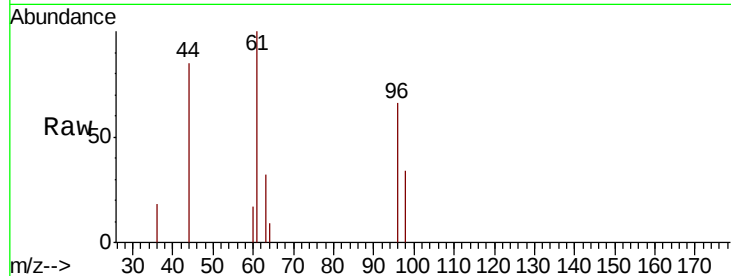




#12
 1,1-Dichloroethene
 Concen: 1.090 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

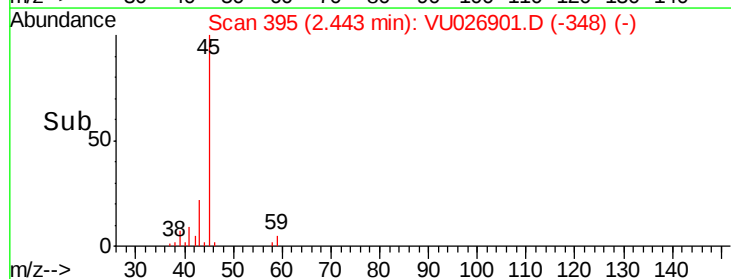
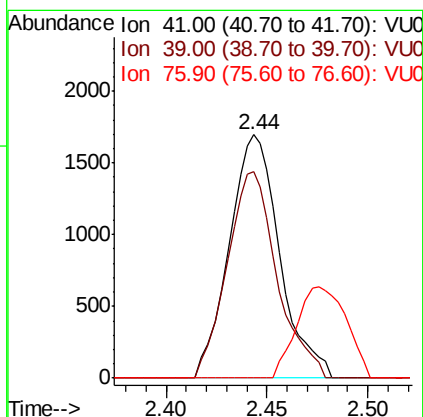
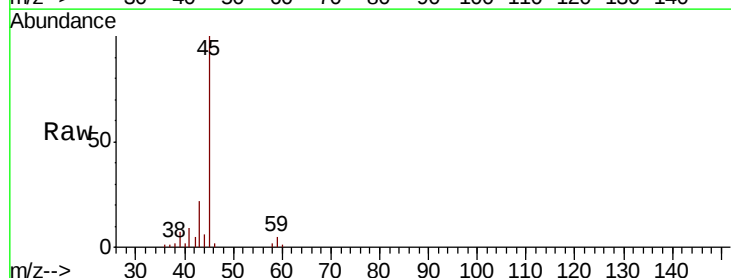
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

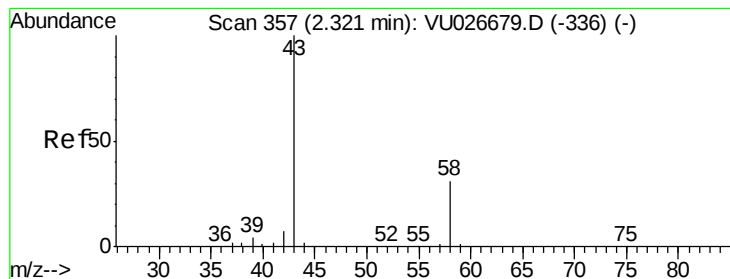
Tgt Ion: 96 Resp: 1087
 Ion Ratio Lower Upper
 96 100
 61 152.0 133.0 199.6
 98 52.0 51.3 76.9



#14
 Allyl chloride
 Concen: 1.646 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 41 Resp: 2956
 Ion Ratio Lower Upper
 41 100
 39 83.8 56.9 85.3
 76 0.0 29.7 44.5#





#16

Acetone

Concen: 3.349 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

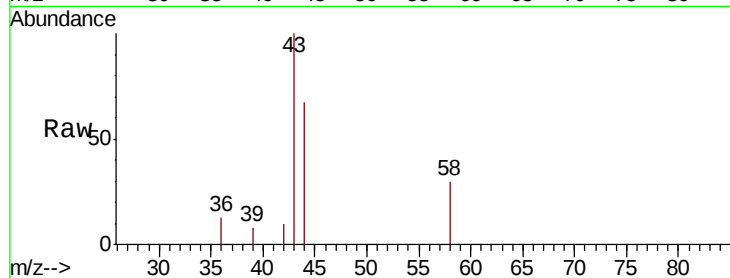
BPSI-TT-MW30311-20180912

Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

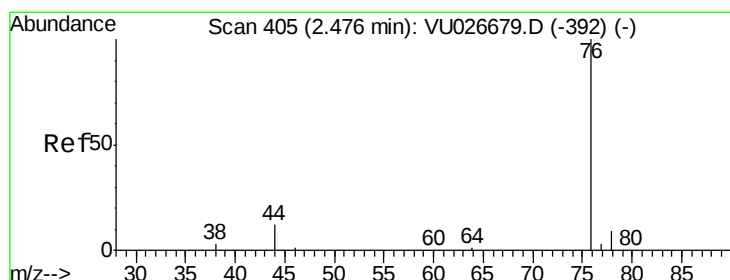
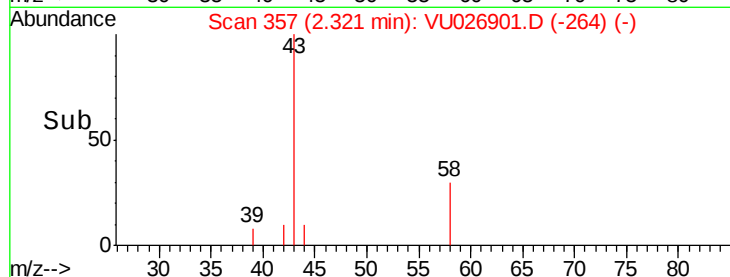
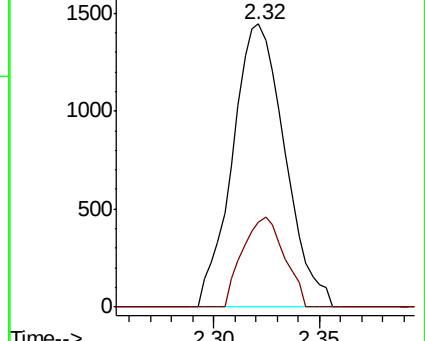
43 100

58 30.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU026901.D

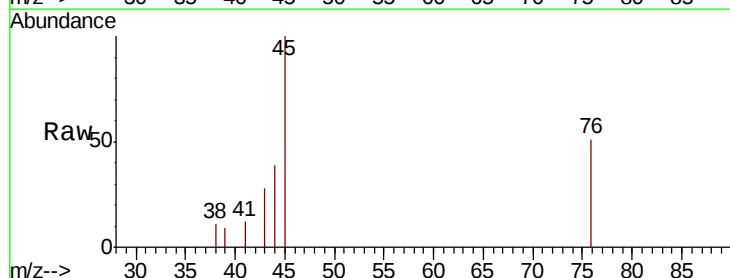
Acq: 19 Sep 2018 16:55

Tgt Ion: 76 Resp: 1087

Ion Ratio Lower Upper

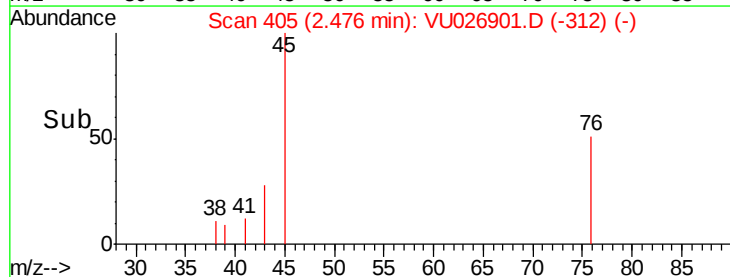
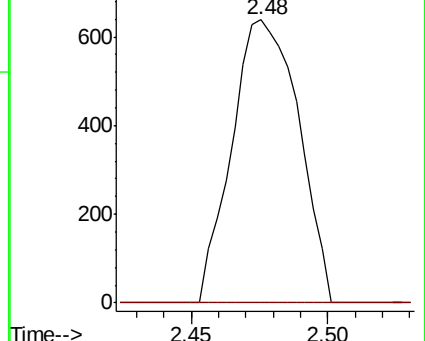
76 100

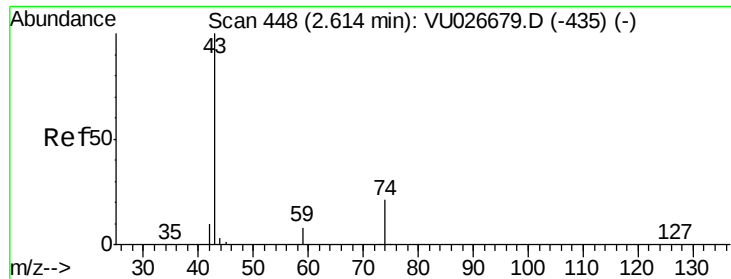
78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

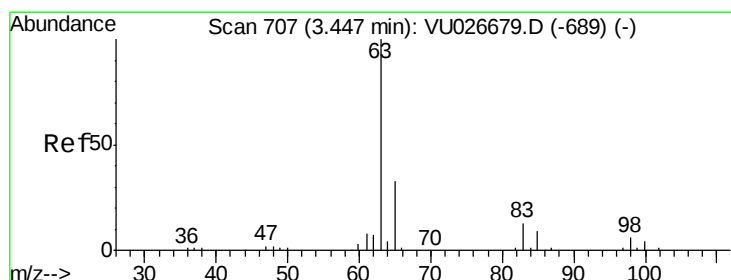
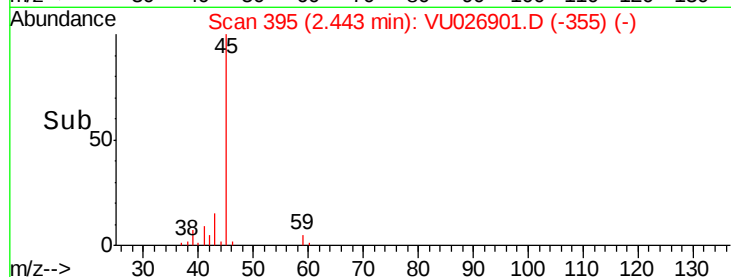
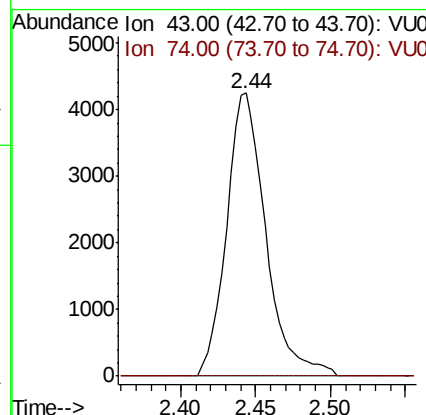
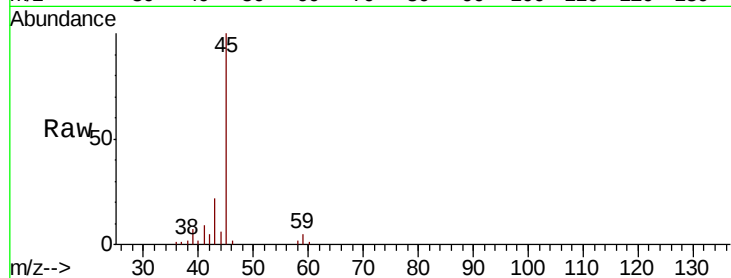




#18
Methyl Acetate
Concen: 4.816 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

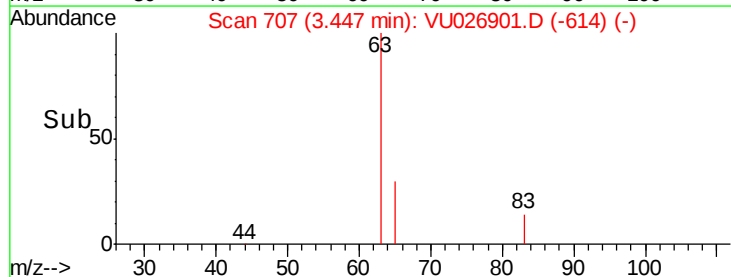
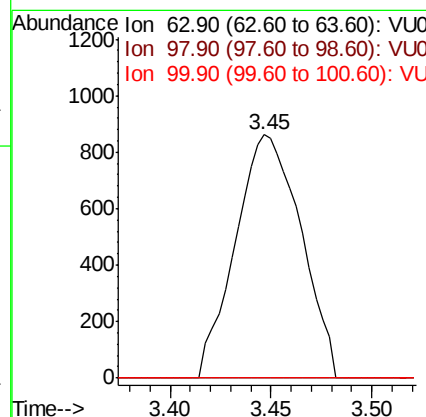
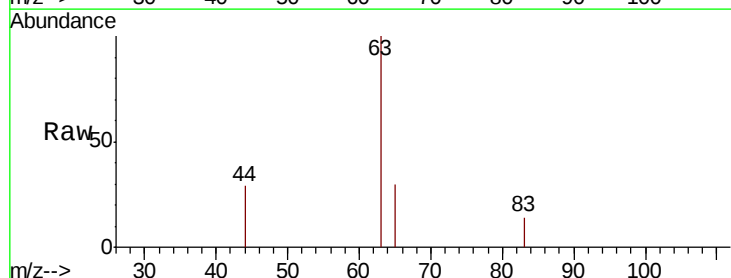
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW303I1-20180912

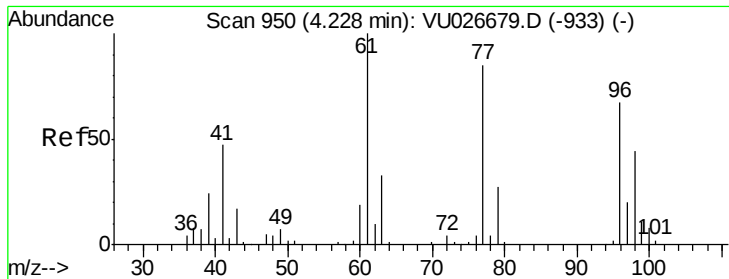
Tgt Ion: 43 Resp: 7751
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#24
1,1-Dichloroethane
Concen: 0.920 ug/l
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 63 Resp: 1945
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 2.0 6.0#



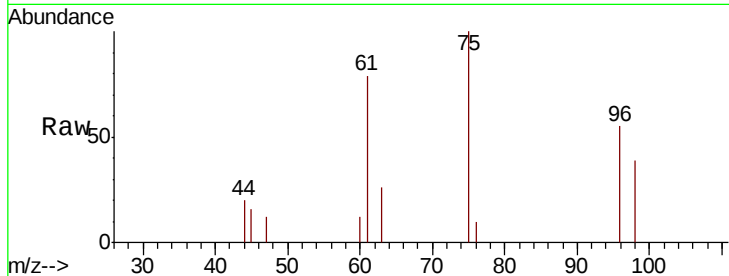


#27

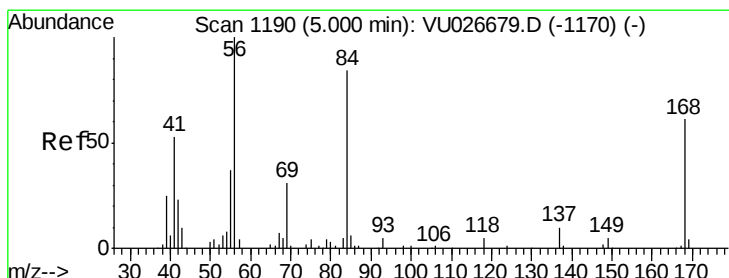
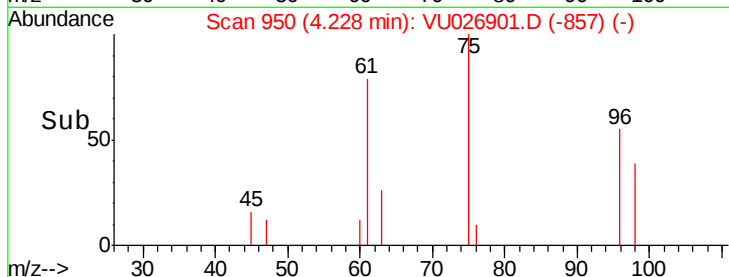
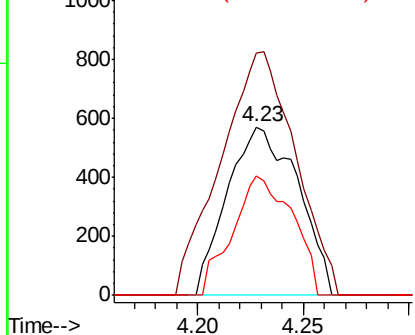
cis-1,2-Dichloroethene
Concen: 1.096 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

Tgt Ion: 96 Resp: 1327
Ion Ratio Lower Upper
96 100
61 152.7 0.0 301.8
98 60.0 0.0 127.2



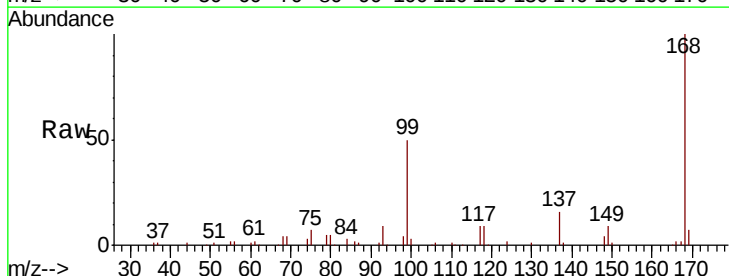
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



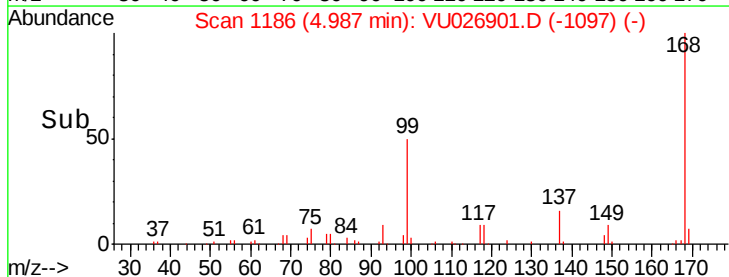
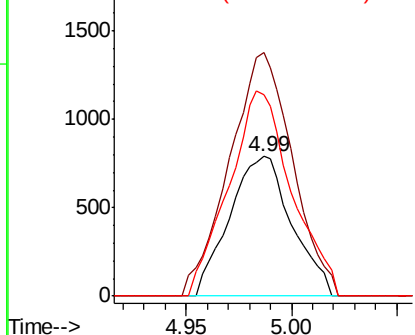
#31

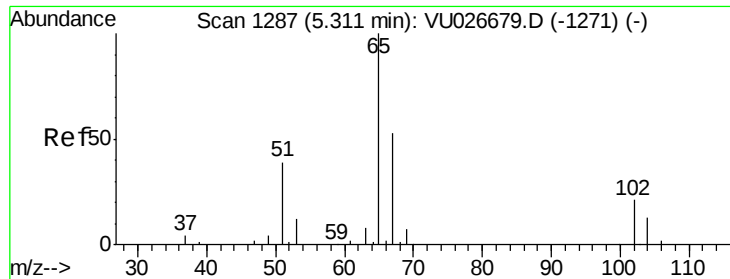
Cyclohexane
Concen: 0.661 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 56 Resp: 1623
Ion Ratio Lower Upper
56 100
69 174.7 24.9 37.3#
84 144.5 66.6 100.0#



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

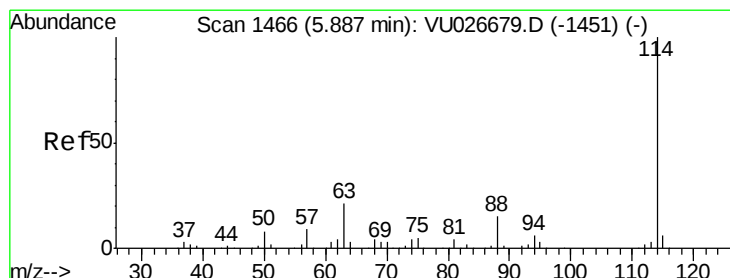
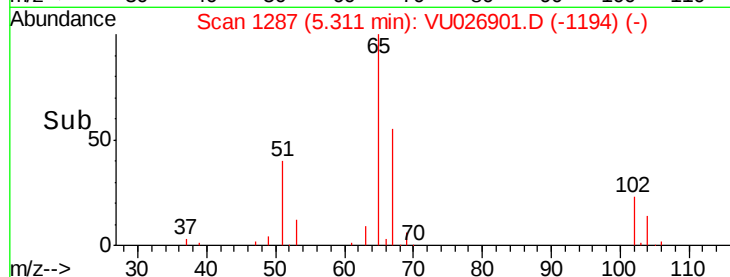
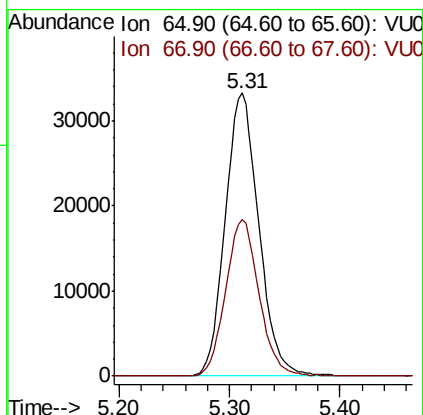
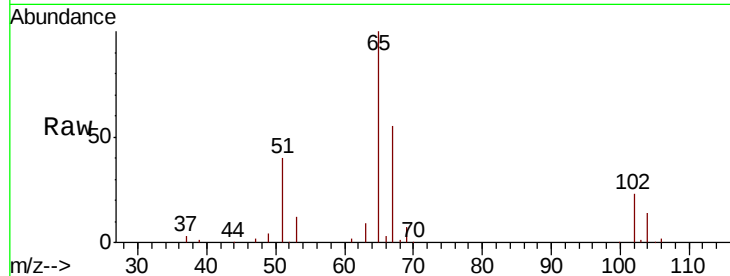




#33
 1,2-Dichloroethane-d4
 Concen: 53.280 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

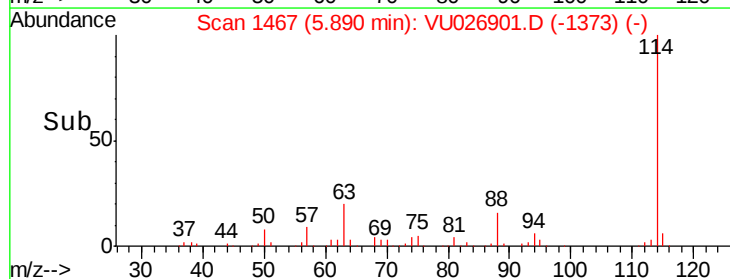
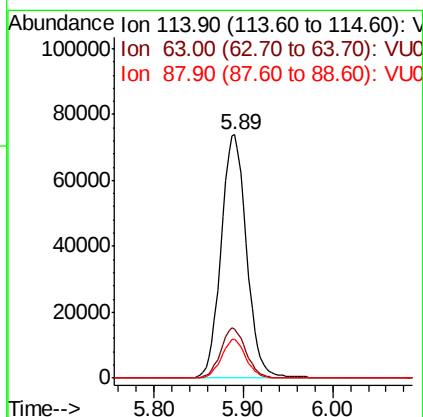
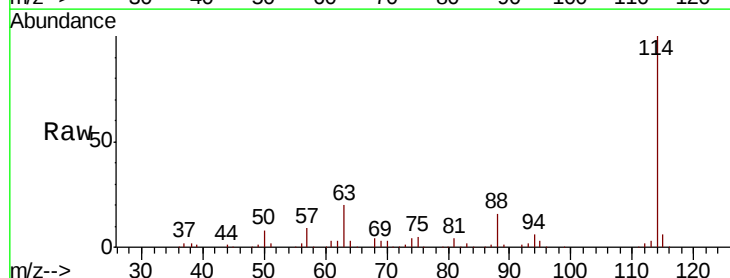
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

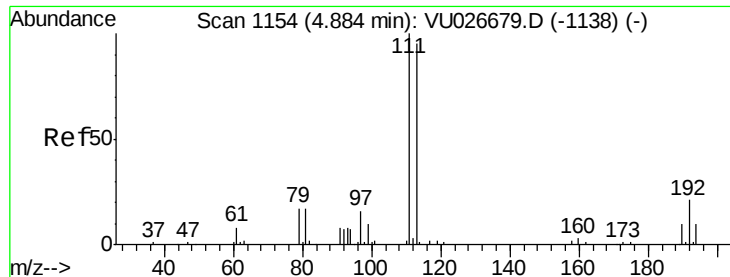
Tgt Ion: 65 Resp: 70193
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 114 Resp: 146090
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.8 0.0 30.8

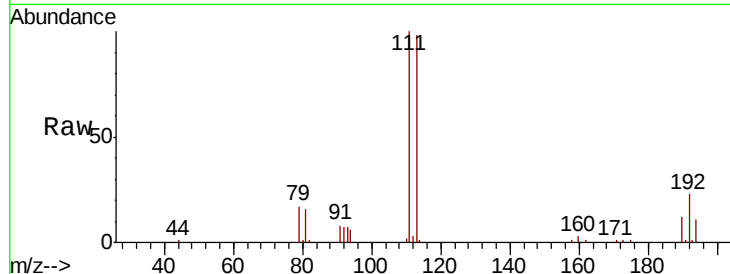




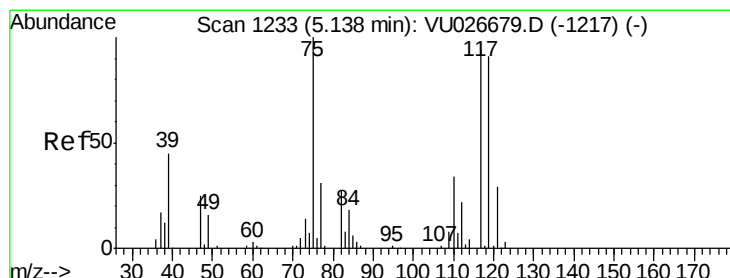
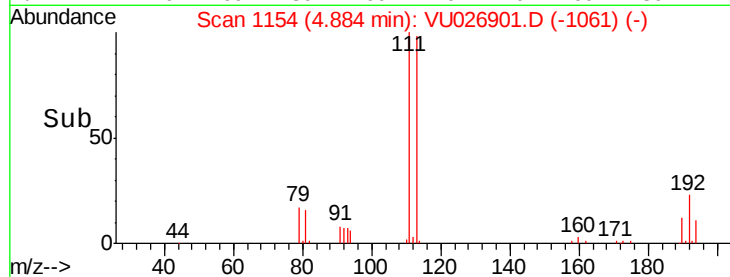
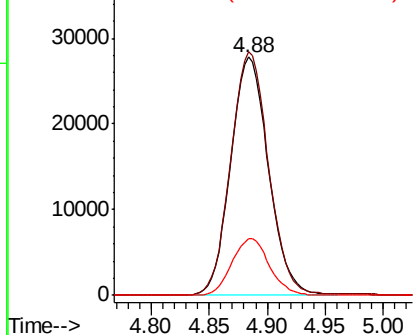
#35
 Dibromofluoromethane
 Concen: 52.781 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Tgt Ion:113 Resp: 62896
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 23.5 17.4 26.2

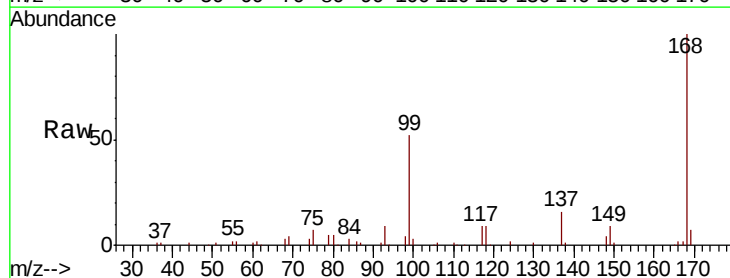


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

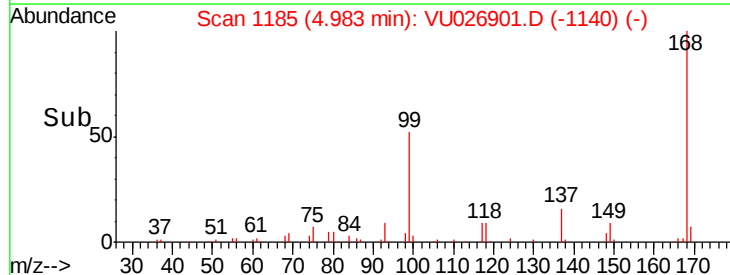
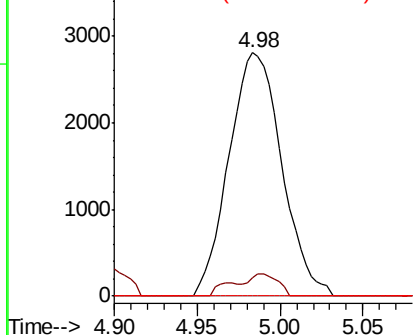


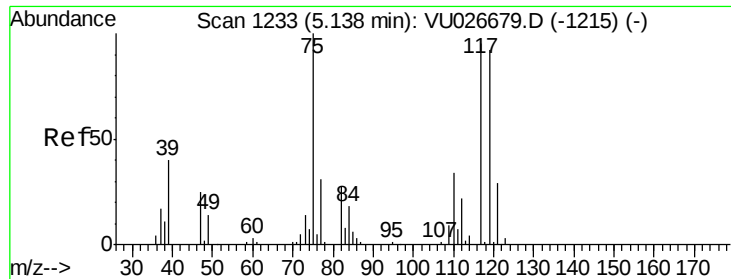
#36
 1,1-Dichloropropene
 Concen: 3.787 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 75 Resp: 6211
 Ion Ratio Lower Upper
 75 100
 110 4.9 17.3 51.9#
 77 0.0 24.9 37.3#



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

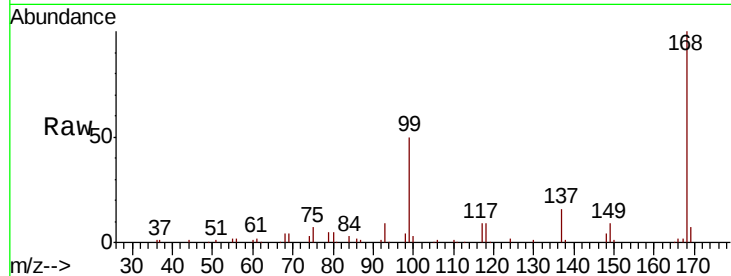




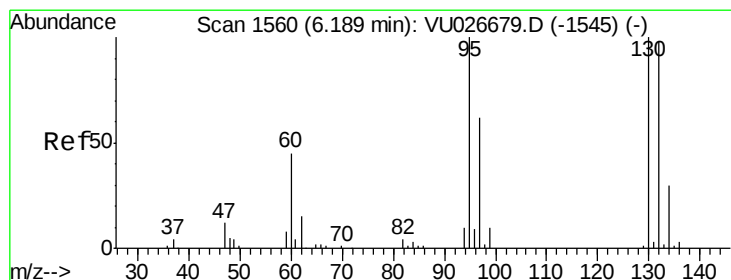
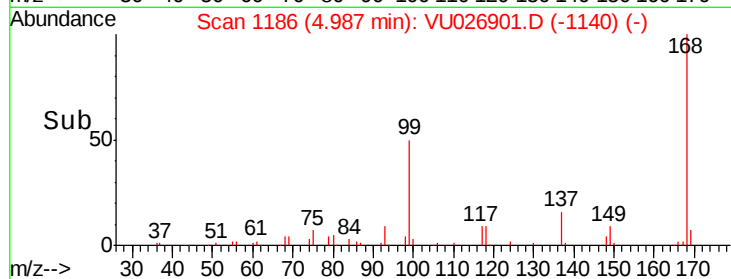
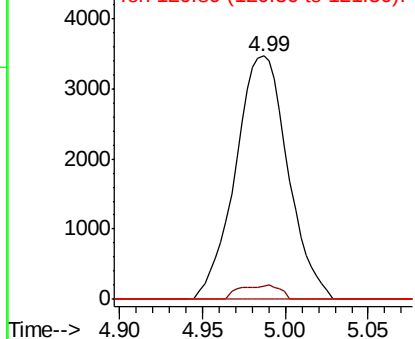
#38
Carbon Tetrachloride
Concen: 4.402 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

Tgt Ion:117 Resp: 7629
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.8#
121 0.0 25.0 37.4#

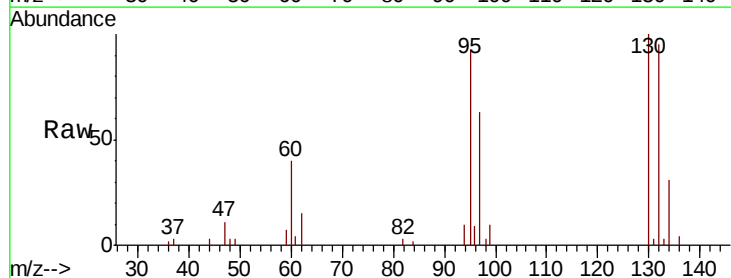


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

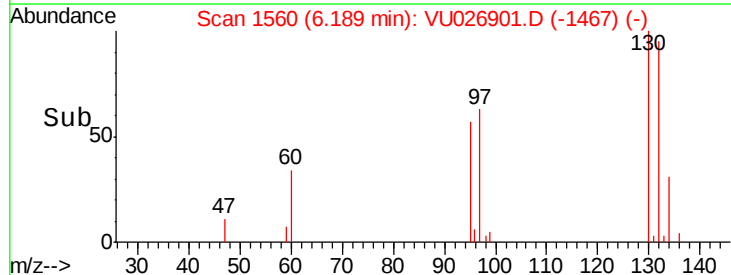
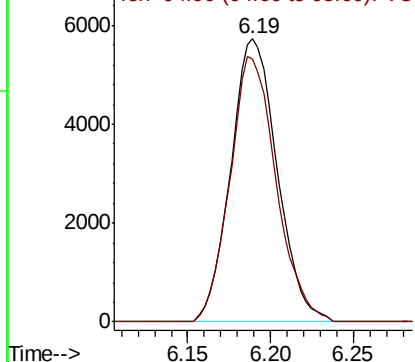


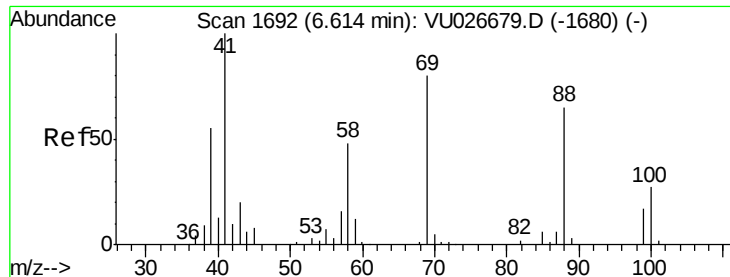
#44
Trichloroethene
Concen: 8.837 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion:130 Resp: 11141
Ion Ratio Lower Upper
130 100
95 93.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

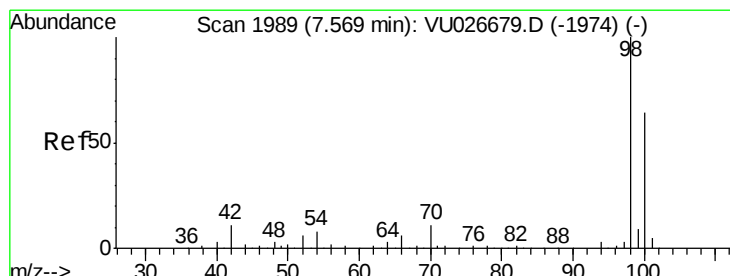
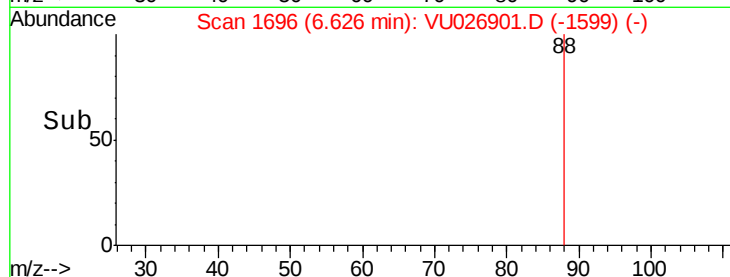
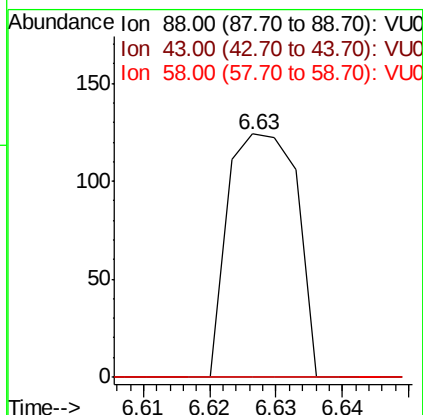
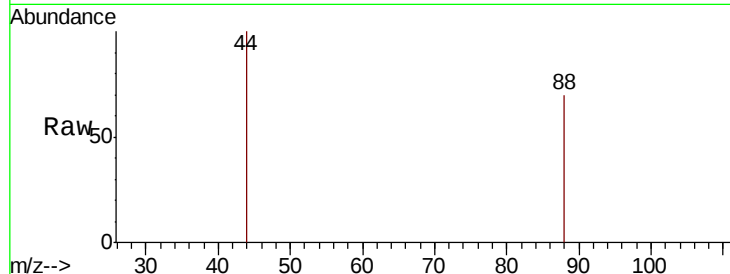




#49
1,4-Dioxane
Concen: 32.195 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

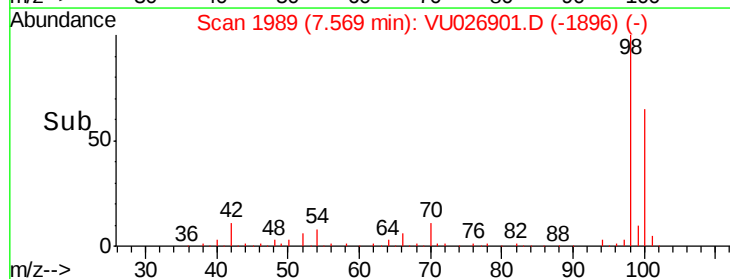
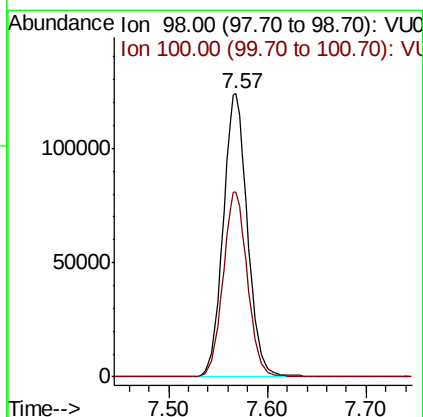
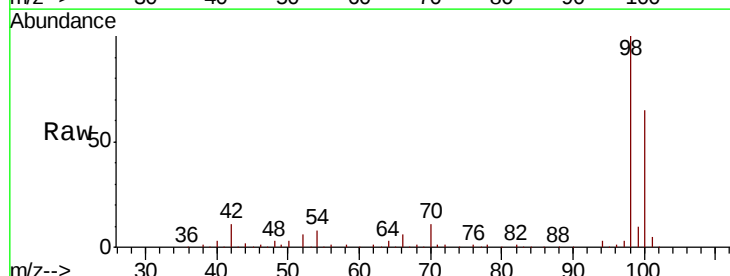
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

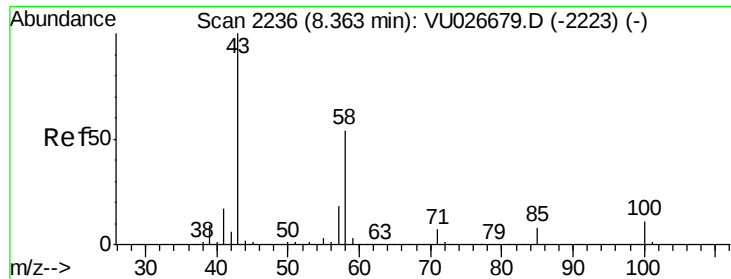
Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 0.0 25.5 38.3#
58 0.0 58.2 87.4#



#50
Toluene-d8
Concen: 48.523 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 98 Resp: 213861
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8

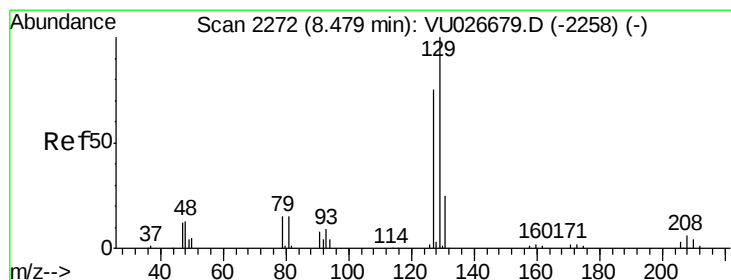
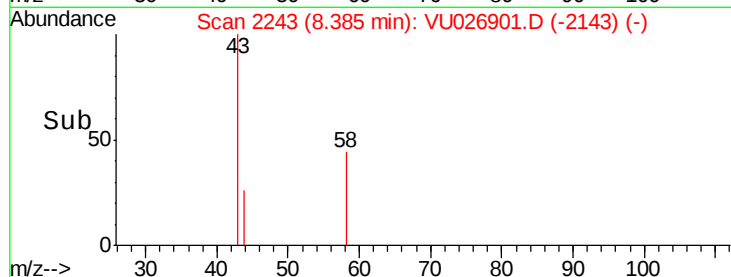
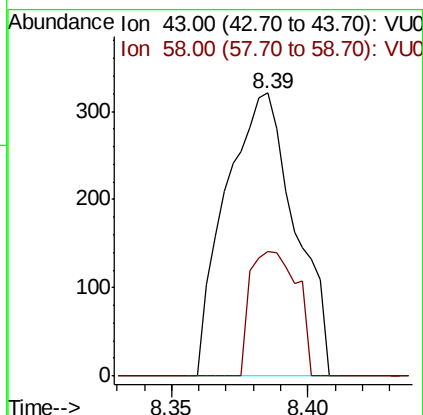
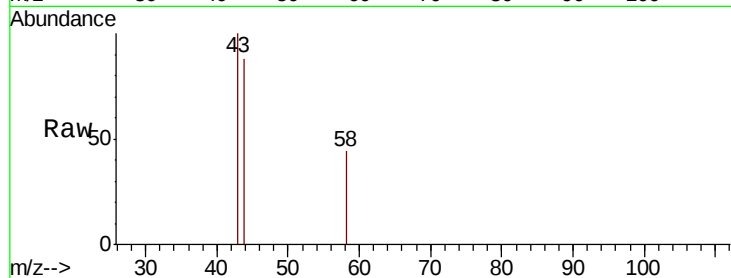




#59
 2-Hexanone
 Concen: 0.357 ug/l
 RT: 8.39 min Scan# 2243
 Delta R.T. 0.02 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

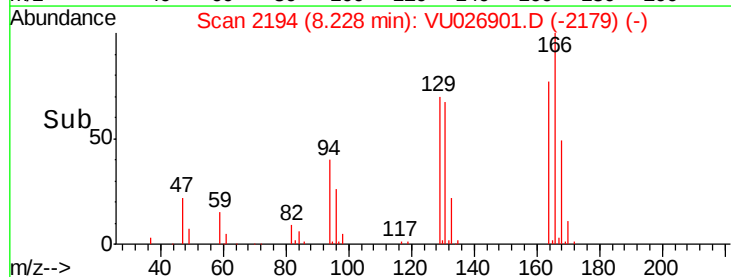
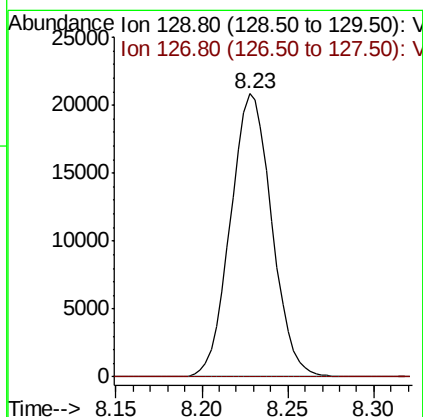
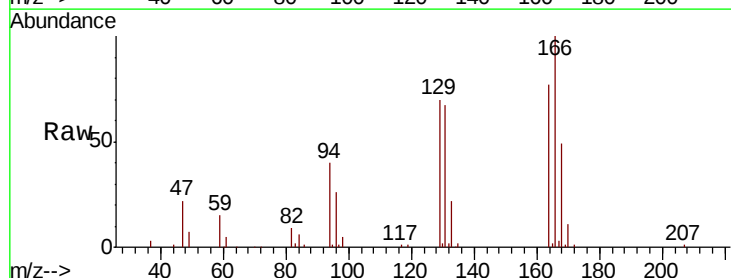
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW303I1-20180912

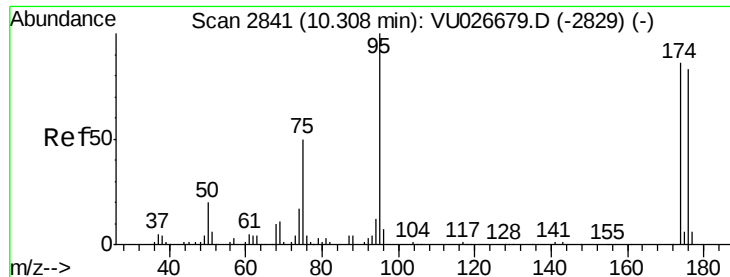
Tgt Ion: 43 Resp: 565
 Ion Ratio Lower Upper
 43 100
 58 29.7 26.9 80.7



#60
 Dibromochloromethane
 Concen: 24.688 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 129 Resp: 34759
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.9#





#62

4-Bromofluorobenzene

Concen: 45.020 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW303I1-20180912

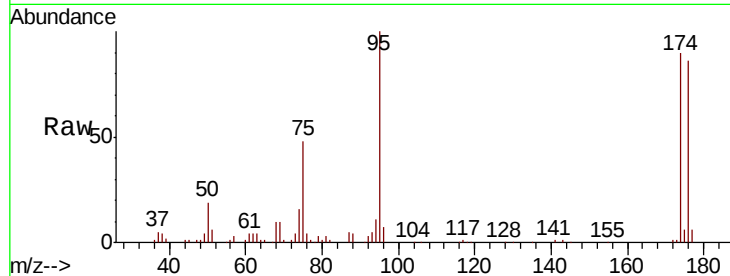
Tgt Ion: 95 Resp: 71914

Ion Ratio Lower Upper

95 100

174 92.8 0.0 172.8

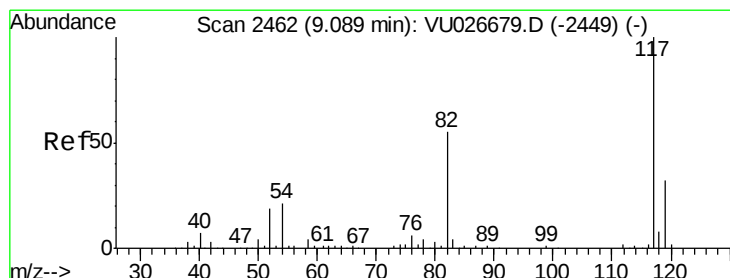
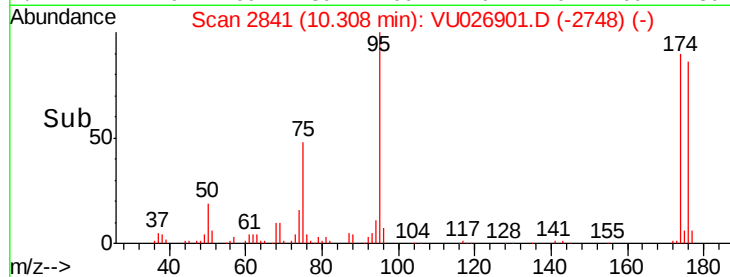
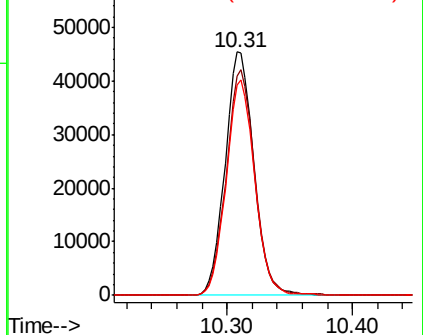
176 88.1 0.0 168.6



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: VU026901.D

Acq: 19 Sep 2018 16:55

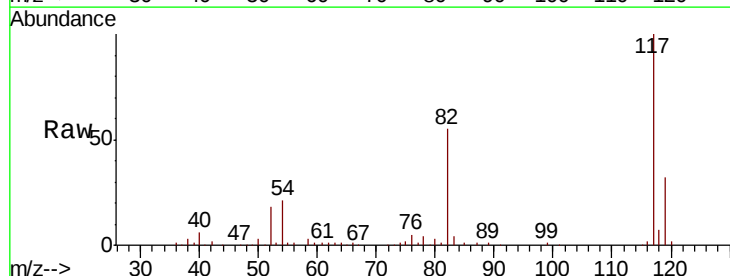
Tgt Ion: 117 Resp: 143113

Ion Ratio Lower Upper

117 100

82 55.4 44.1 66.1

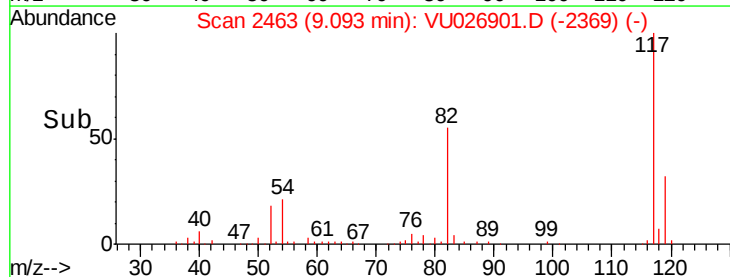
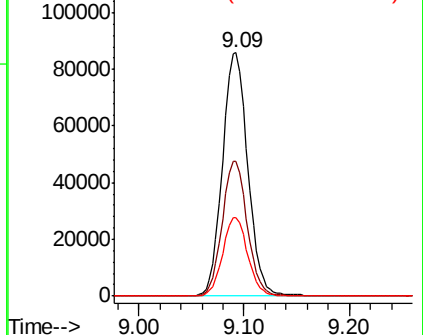
119 32.3 25.7 38.5

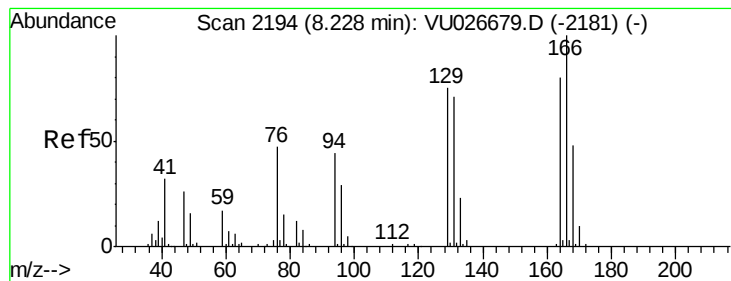


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 33.970 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW30311-20180912

Tgt Ion:164 Resp: 38694

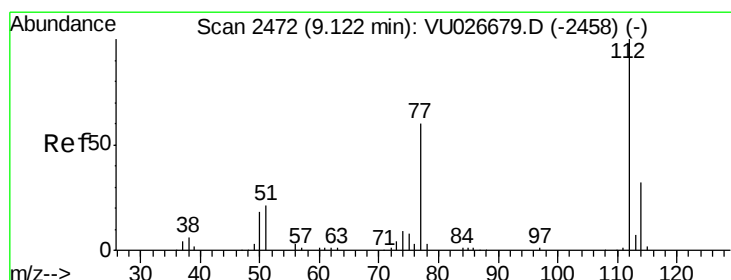
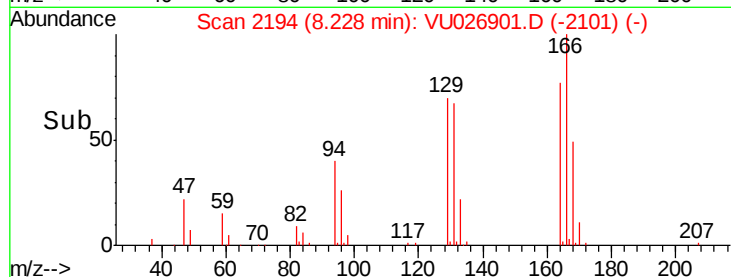
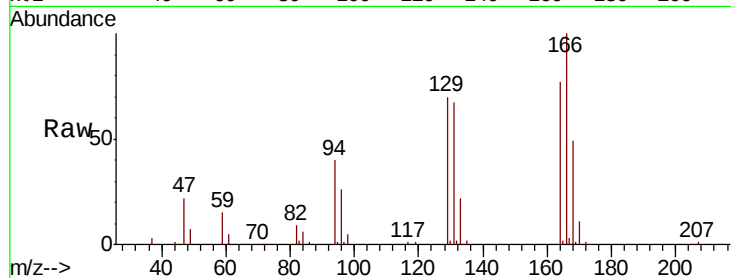
Ion Ratio Lower Upper

164 100

166 130.1 100.5 150.7

129 91.3 75.3 112.9

131 86.7 71.4 107.2



#65

Chlorobenzene

Concen: 0.234 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026901.D

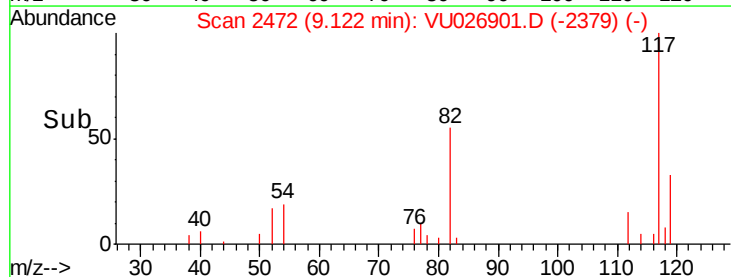
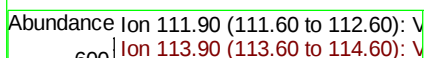
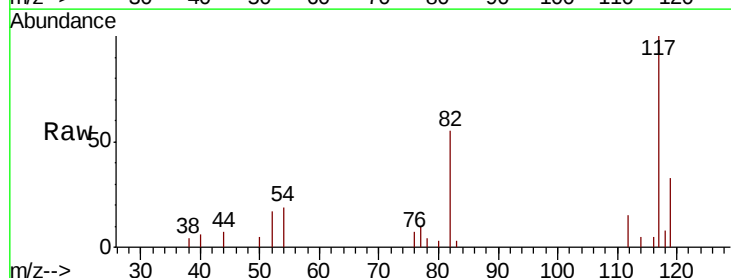
Acq: 19 Sep 2018 16:55

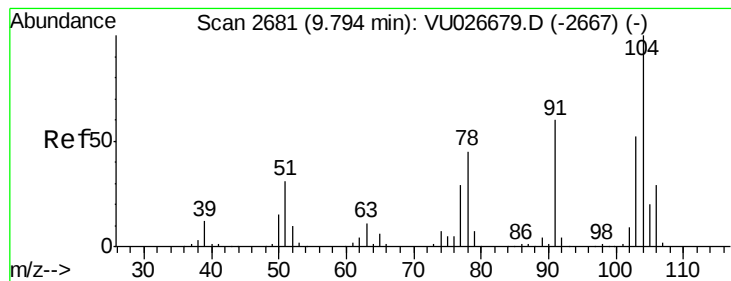
Tgt Ion:112 Resp: 831

Ion Ratio Lower Upper

112 100

114 29.9 25.5 38.3





#70

Styrene

Concen: 1.903 ug/l

RT: 9.80 min Scan# 2684

Delta R.T. 0.01 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW30311-20180912

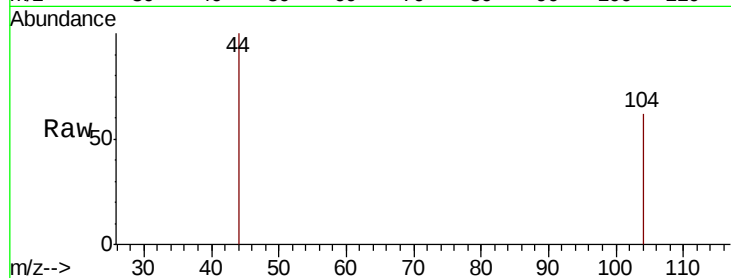
Tgt Ion:104 Resp: 183

Ion Ratio Lower Upper

104 100

78 0.0 39.4 59.2#

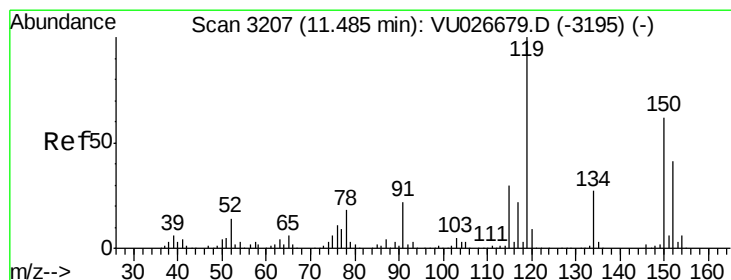
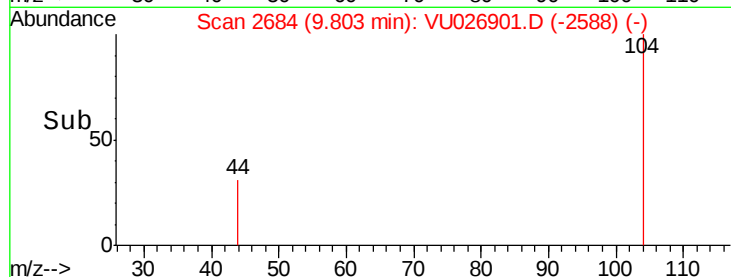
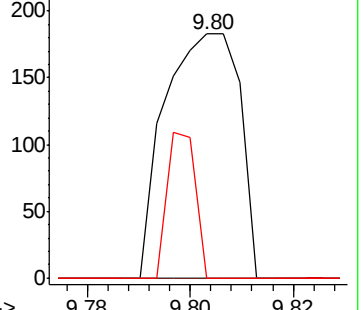
103 22.4 44.5 66.7#



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: VU026901.D

Acq: 19 Sep 2018 16:55

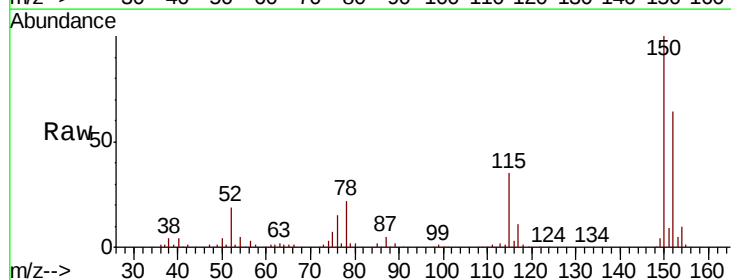
Tgt Ion:152 Resp: 76173

Ion Ratio Lower Upper

152 100

115 54.9 40.4 121.1

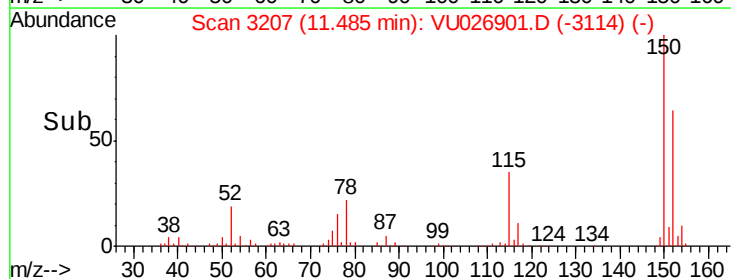
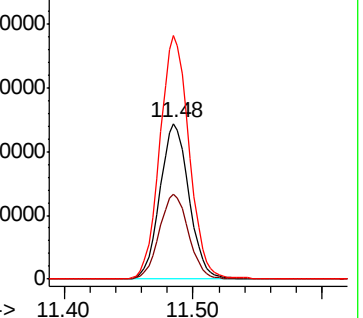
150 157.9 0.0 345.2

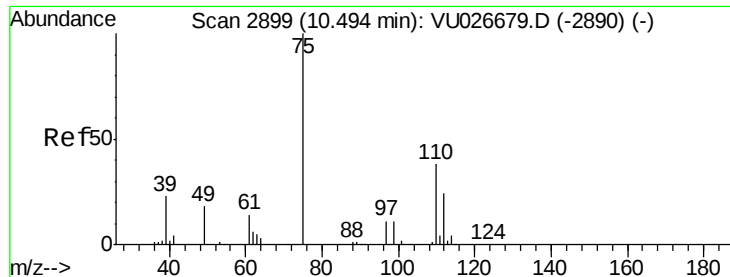


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

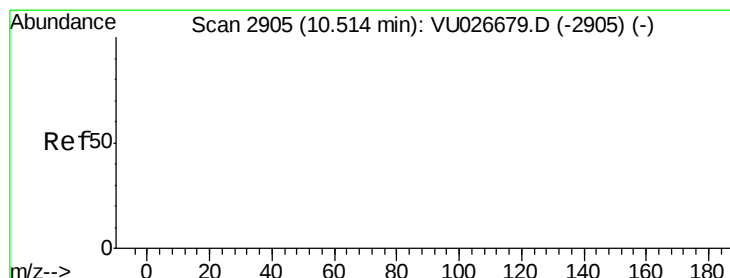
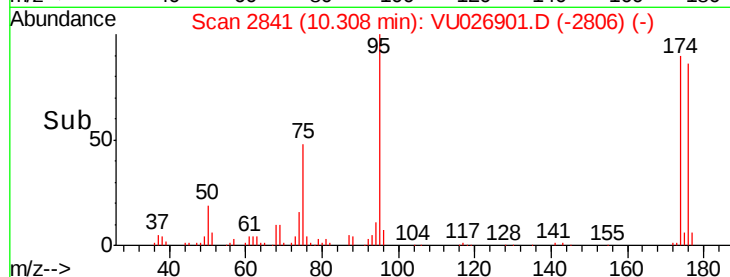
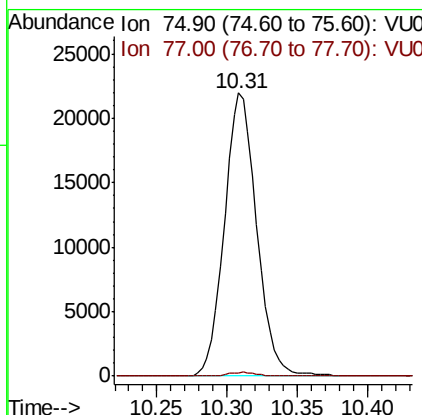
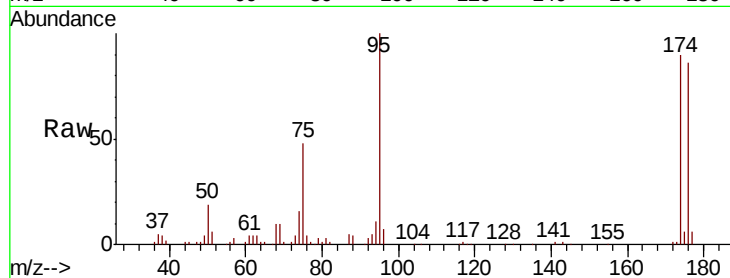




#76
 1,2,3-Trichloropropane
 Concen: 20.521 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

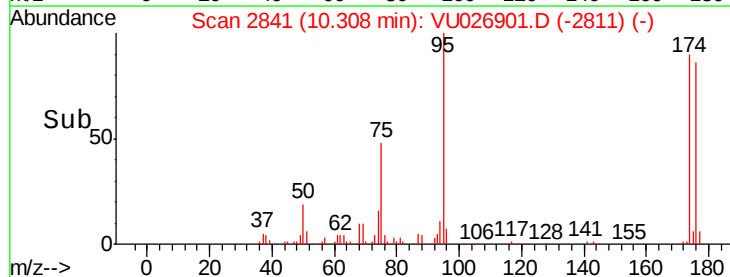
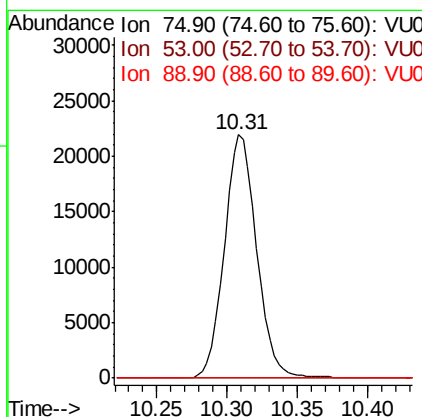
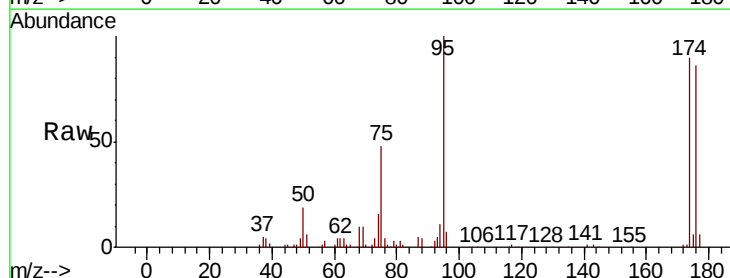
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

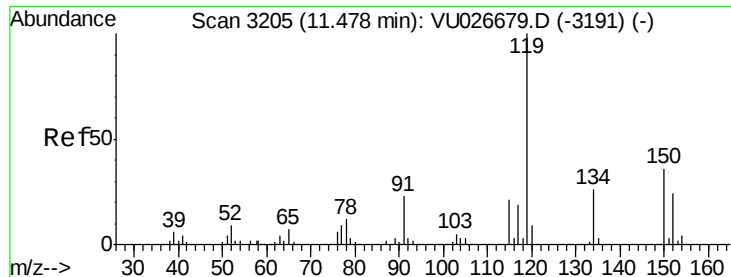
Tgt Ion: 75 Resp: 35015
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.1 63.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.337 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 75 Resp: 35015
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

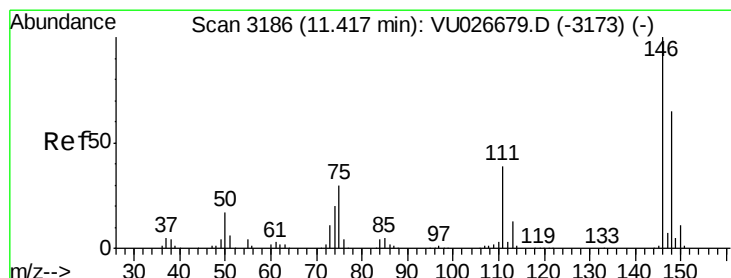
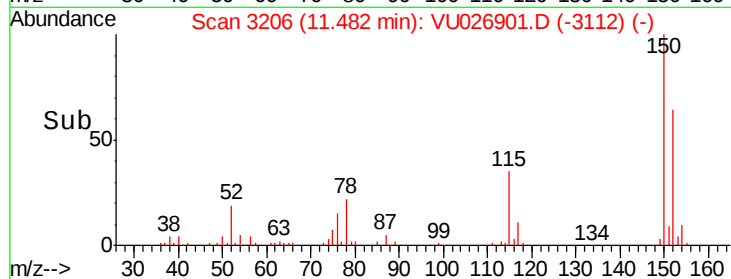
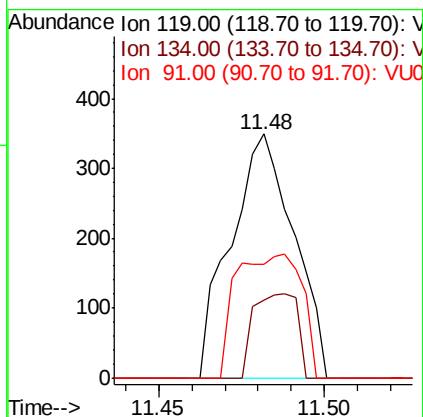
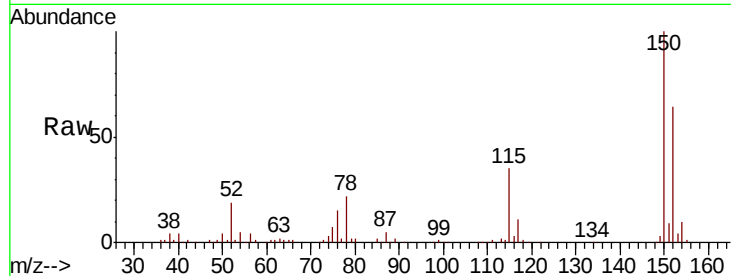




#86
p-Isopropyltoluene
Concen: 1.137 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

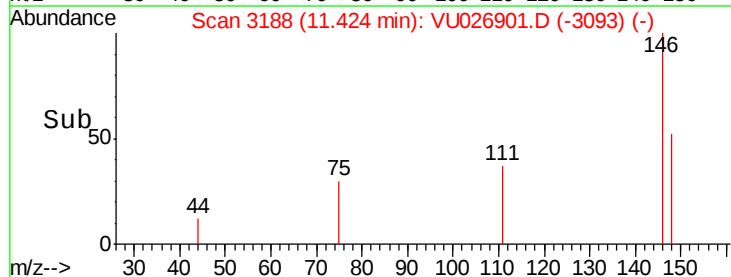
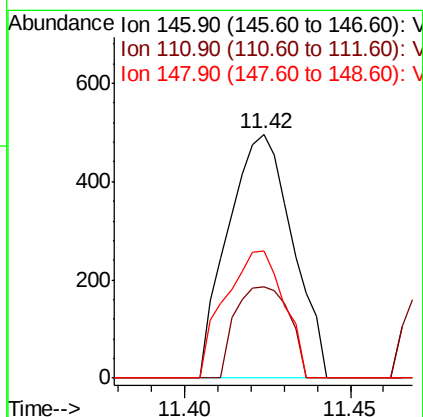
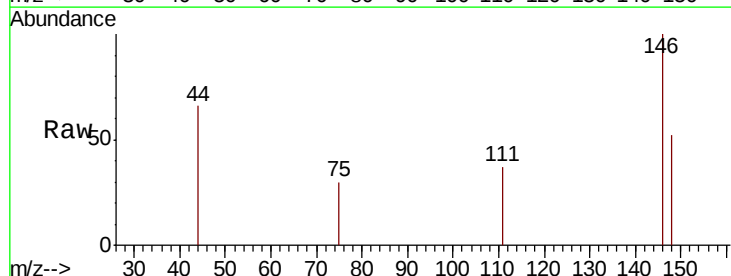
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

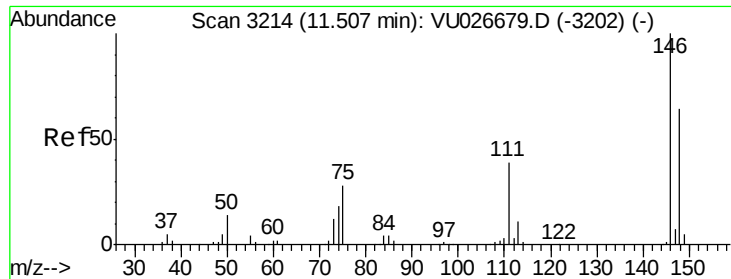
Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.6	13.2	39.5
91	52.6	11.6	34.8#



#87
1,3-Dichlorobenzene
Concen: 0.255 ug/l
RT: 11.42 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.2	19.7	59.1
148	47.5	32.1	96.3

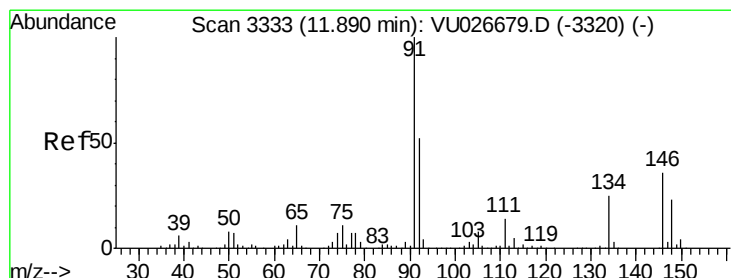
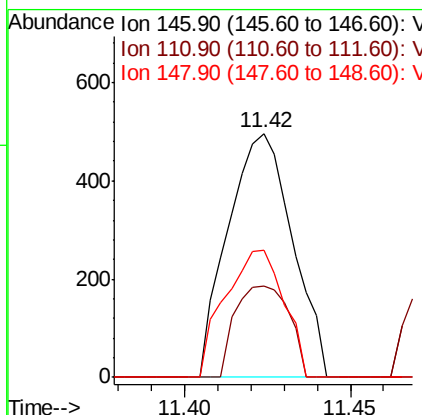
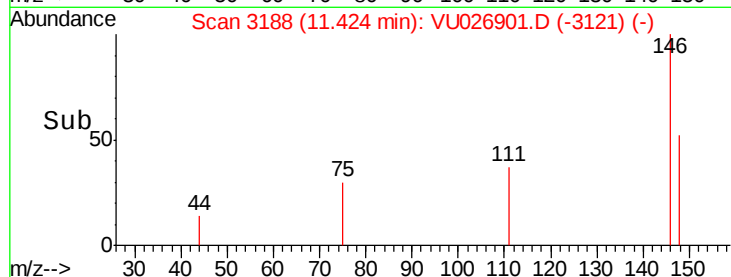
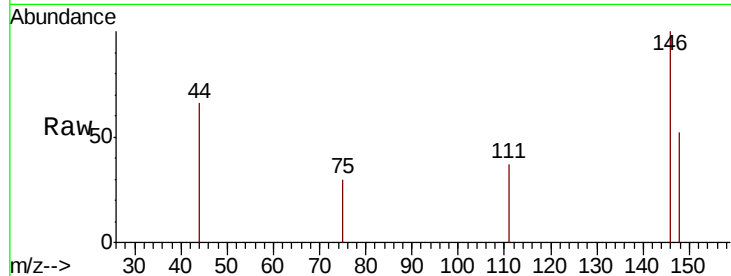




#88
 1,4-Dichlorobenzene
 Concen: 0.245 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. -0.08 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

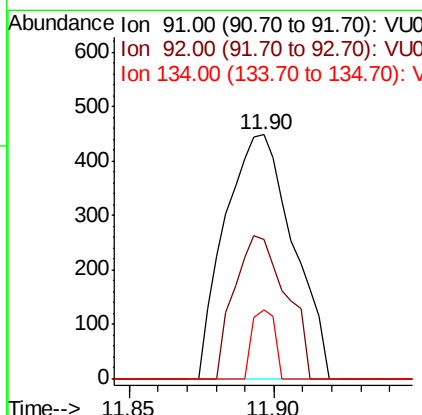
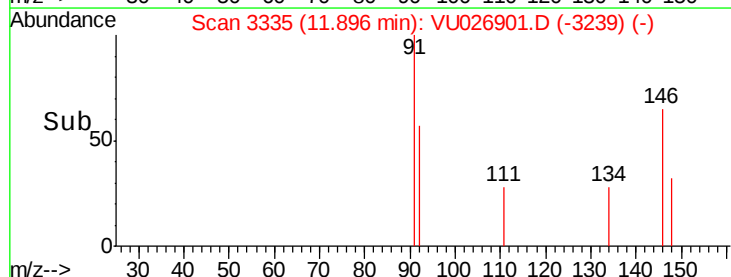
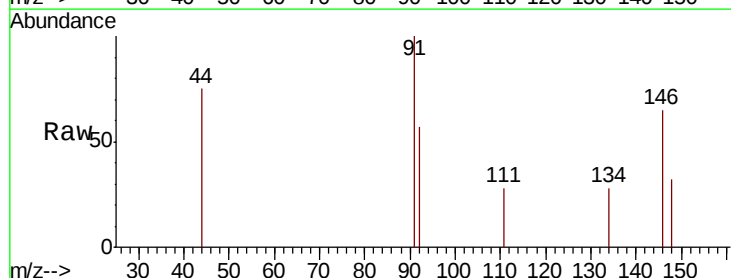
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

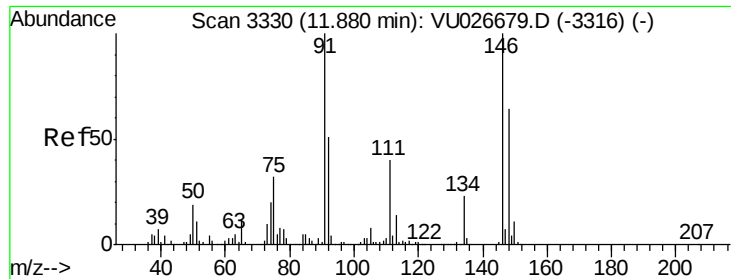
Tgt Ion: 146 Resp: 670
 Ion Ratio Lower Upper
 146 100
 111 31.2 19.2 57.6
 148 47.5 32.1 96.3



#89
 n-Butylbenzene
 Concen: 2.259 ug/l
 RT: 11.90 min Scan# 3335
 Delta R.T. 0.01 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 91 Resp: 729
 Ion Ratio Lower Upper
 91 100
 92 44.3 25.8 77.3
 134 9.3 12.6 37.8#

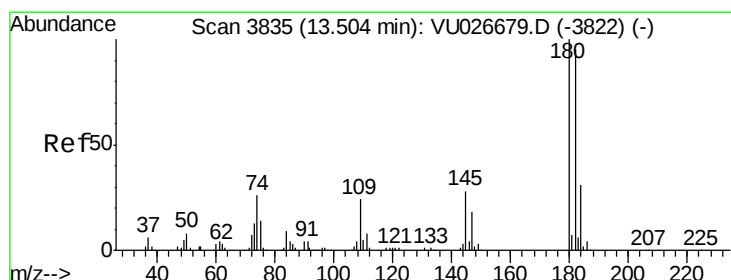
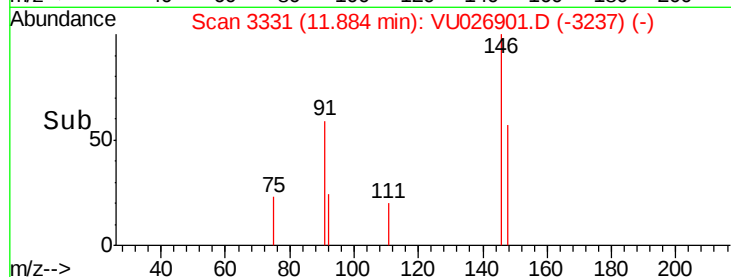
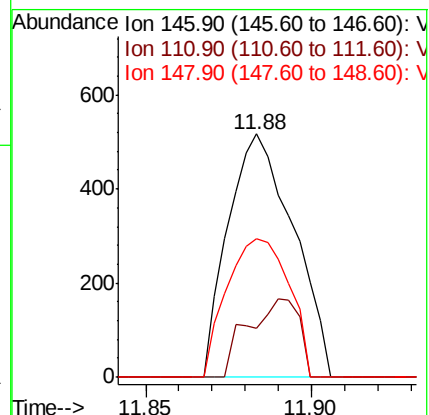
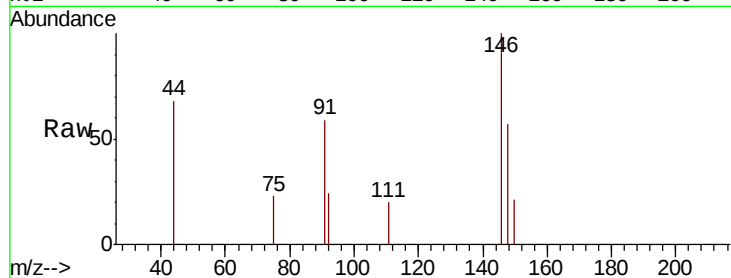




#91
 1,2-Dichlorobenzene
 Concen: 0.267 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

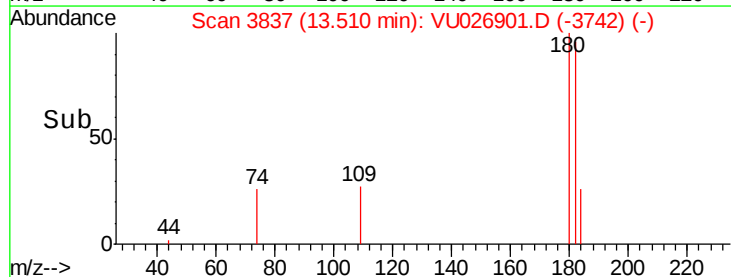
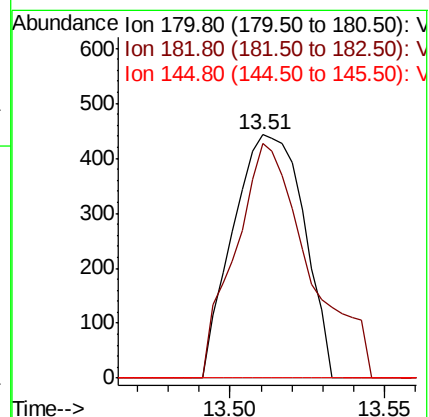
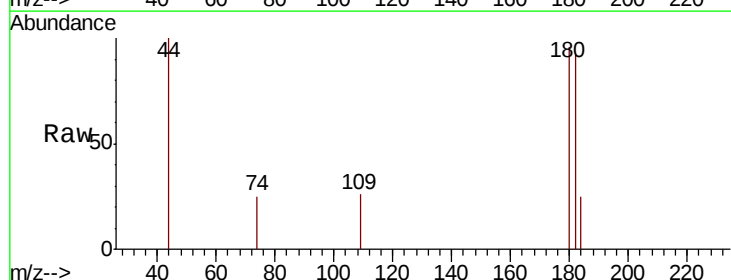
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

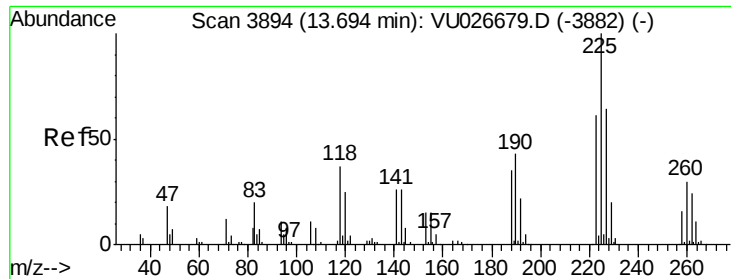
Tgt Ion:146 Resp: 707
 Ion Ratio Lower Upper
 146 100
 111 24.9 20.3 60.8
 148 54.0 32.1 96.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.401 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion:180 Resp: 705
 Ion Ratio Lower Upper
 180 100
 182 100.6 47.9 143.7
 145 0.0 14.0 42.0#





#94

Hexachlorobutadiene

Concen: 0.301 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW30311-20180912

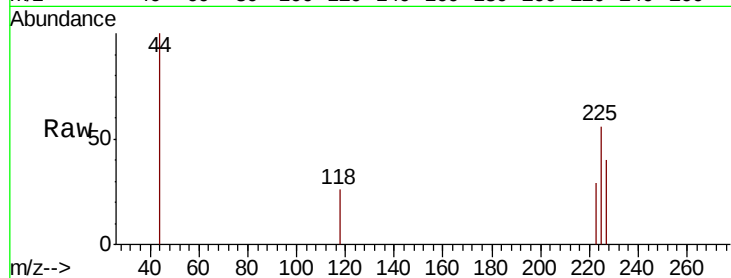
Tgt Ion:225 Resp: 272

Ion Ratio Lower Upper

225 100

223 52.9 30.6 92.0

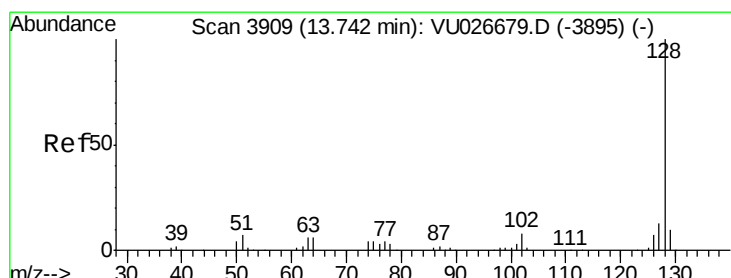
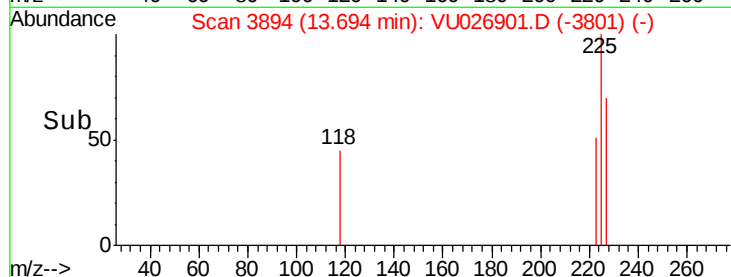
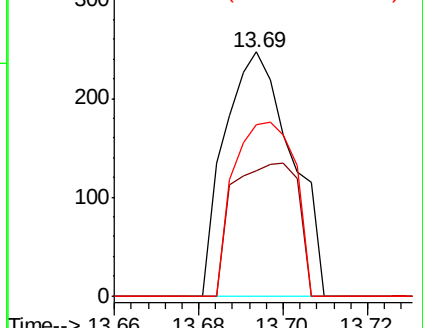
227 65.1 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.303 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

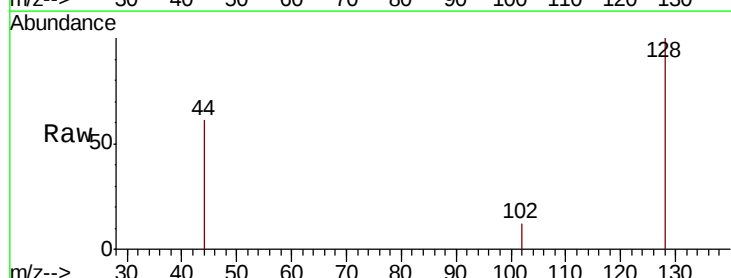
Tgt Ion:128 Resp: 1738

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

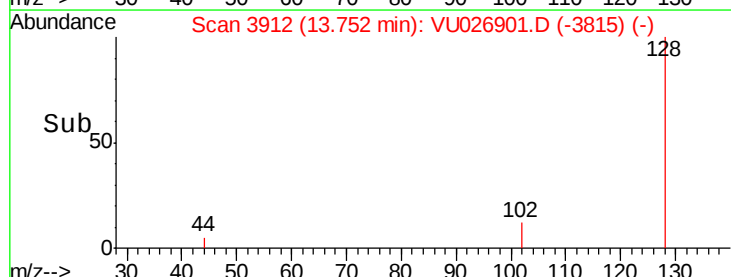
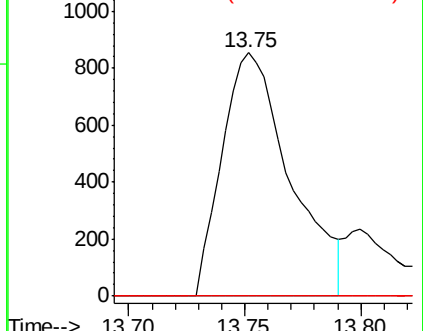
129 0.0 8.6 12.8#

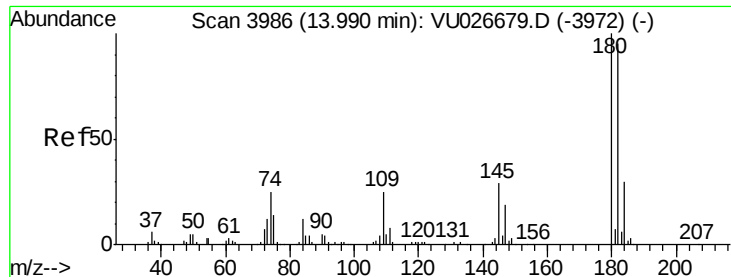


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.422 ug/l
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	12.8	14.9	44.9#

