

Data File : VU027036.D
Acq On : 22 Sep 2018 23:10
Operator : MD/SY
Sample : J4958-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 76 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914

Quant Time: Sep 24 02:54:46 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	92867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68839	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96517	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	4.88	113	66738	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	7.57	98	240678	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	10.31	95	79202	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

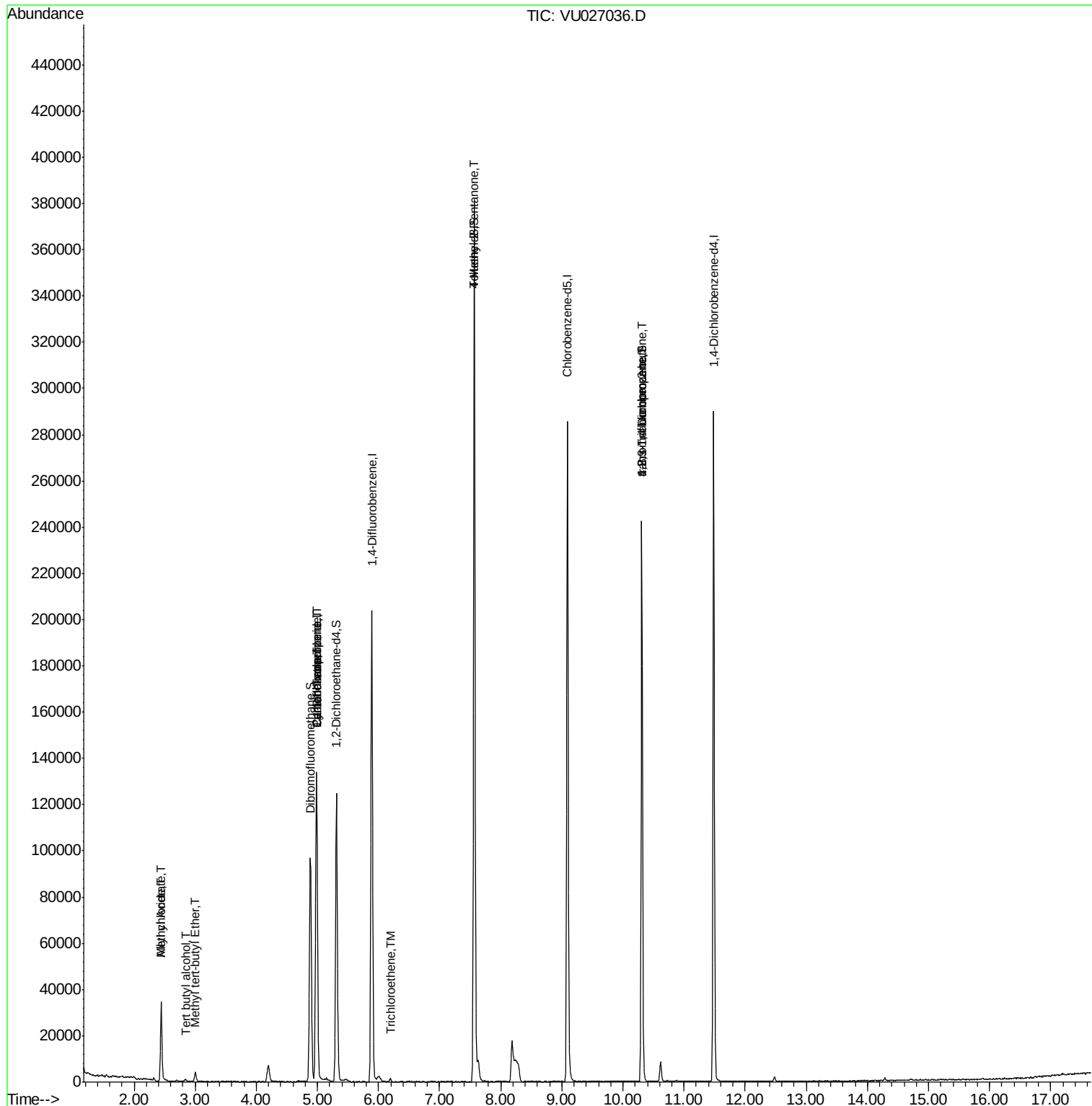
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.84	59	660	1.541	ug/l #	72
14) Allyl chloride	2.44	41	3479	1.337	ug/l #	70
16) Acetone	2.32	43	1579	Below Cal		95
18) Methyl Acetate	2.44	43	9056	3.404	ug/l #	55
19) Methyl tert-butyl Ether	3.00	73	3976	0.844	ug/l	98
31) Cyclohexane	4.99	56	2412	0.294	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8872	4.255	ug/l #	48
38) Carbon Tetrachloride	4.99	117	9779	4.928	ug/l #	18
44) Trichloroethene	6.19	130	566	0.419	ug/l	95
51) 4-Methyl-2-Pentanone	7.57	43	1190	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43493	20.797	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43493	66.554	ug/l #	100

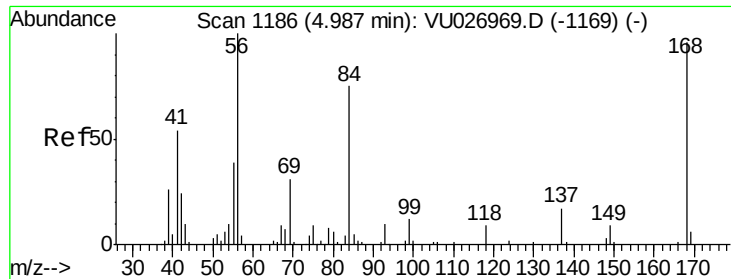
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027036.D
Acq On : 22 Sep 2018 23:10
Operator : MD/SY
Sample : J4958-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 76 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914

Quant Time: Sep 24 02:54:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027036.D

Acq: 22 Sep 2018 23:10

Instrument :

MSVOA_U

ClientSampleId :

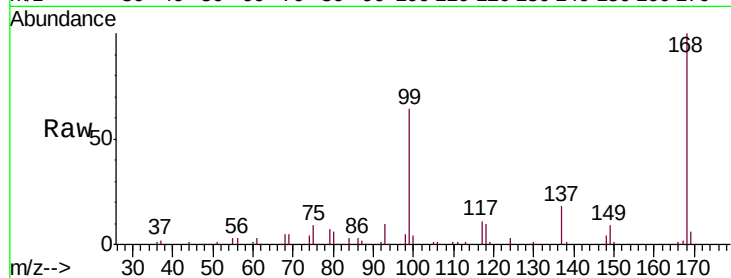
BPSI-TT-MW308D-20180914

Tgt Ion:168 Resp: 92867

Ion Ratio Lower Upper

168 100

99 64.1 48.1 72.1



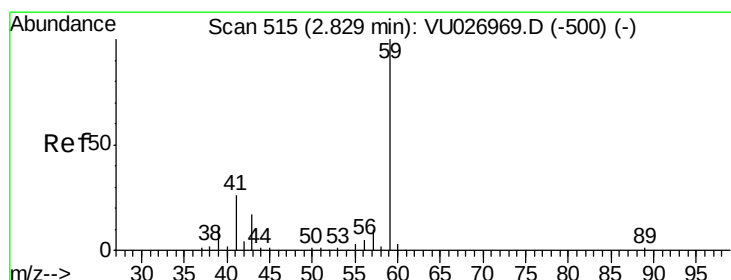
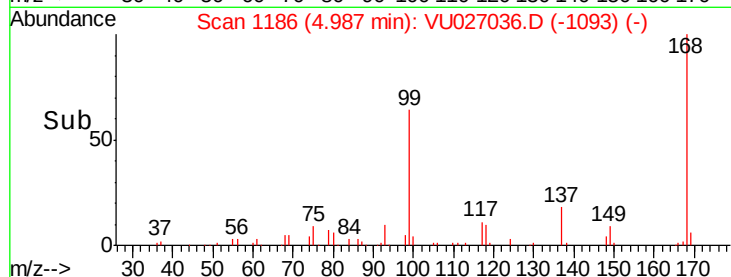
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 1.541 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.01 min

Lab File: VU027036.D

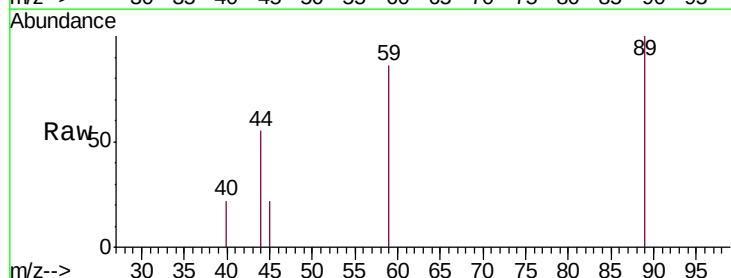
Acq: 22 Sep 2018 23:10

Tgt Ion: 59 Resp: 660

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



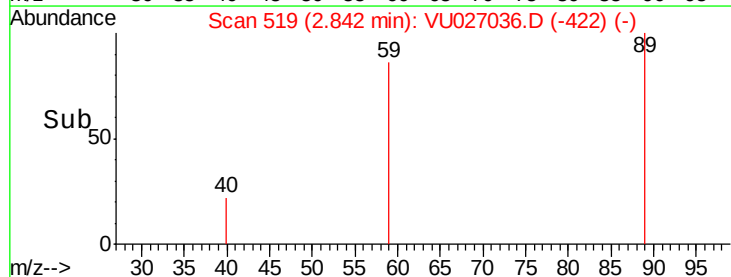
Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

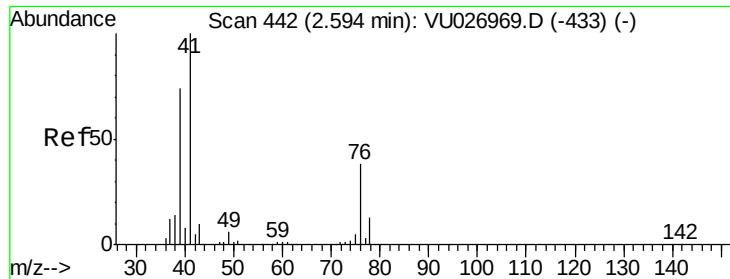
Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.84

2.80 2.85

Time-->

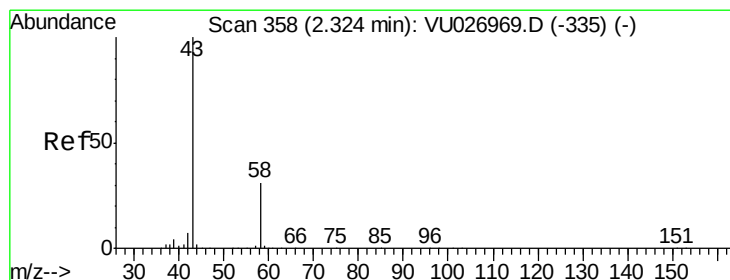
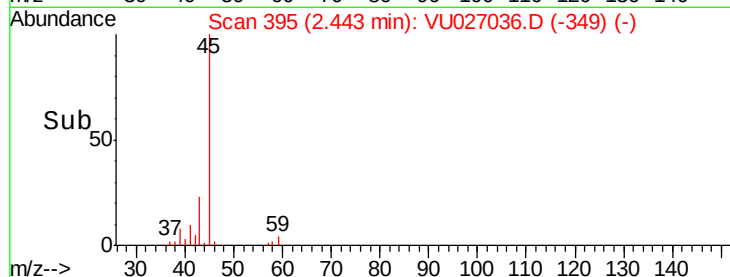
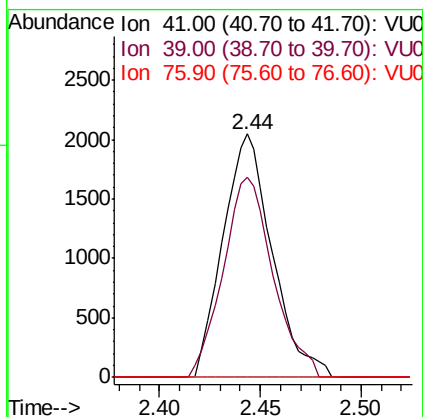
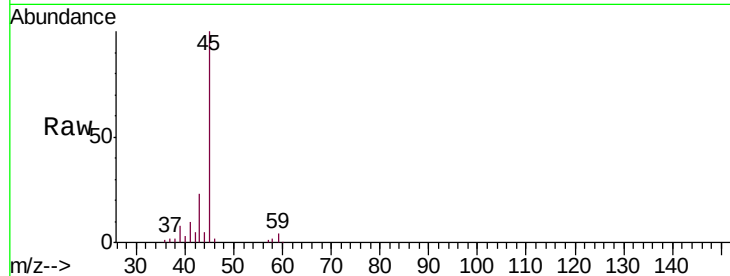




#14
 Allyl chloride
 Concen: 1.337 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

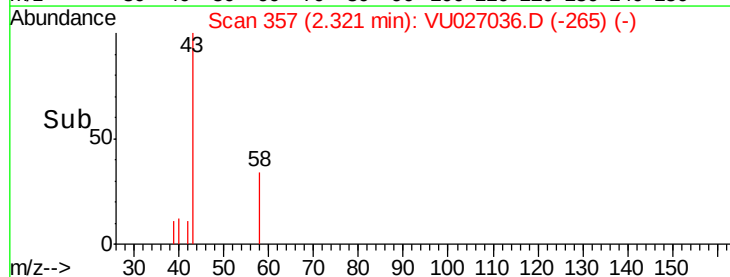
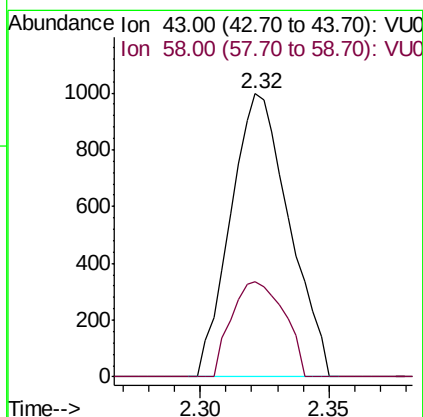
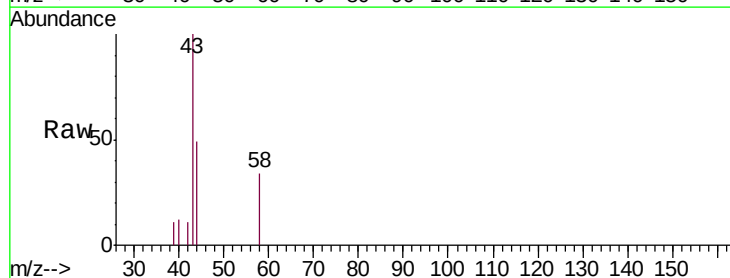
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

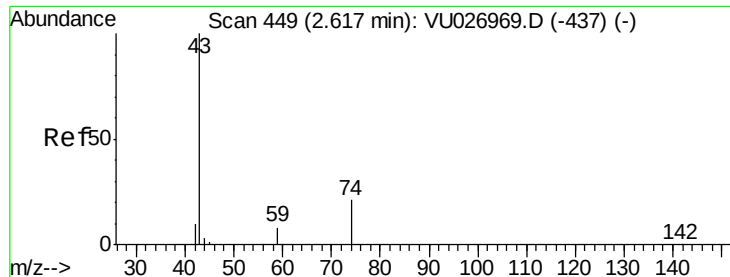
Tgt Ion: 41 Resp: 3479
 Ion Ratio Lower Upper
 41 100
 39 83.4 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion: 43 Resp: 1579
 Ion Ratio Lower Upper
 43 100
 58 33.6 24.6 36.8

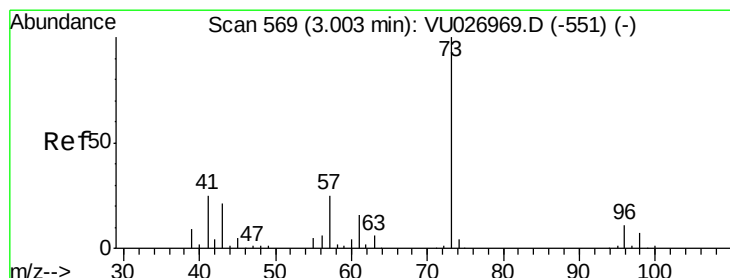
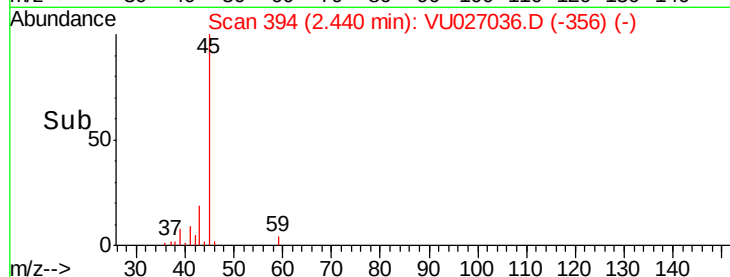
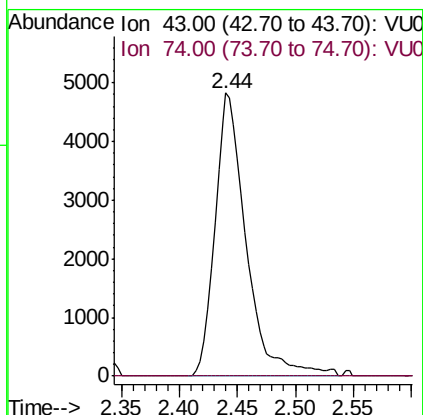
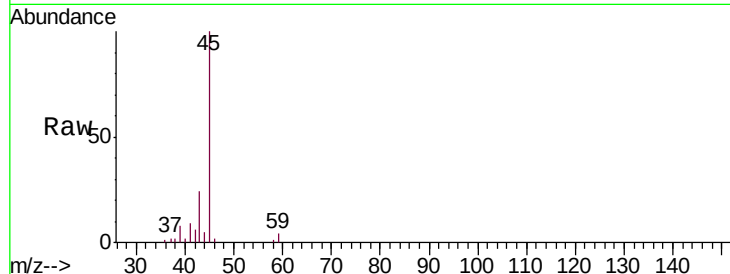




#18
Methyl Acetate
Concen: 3.404 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

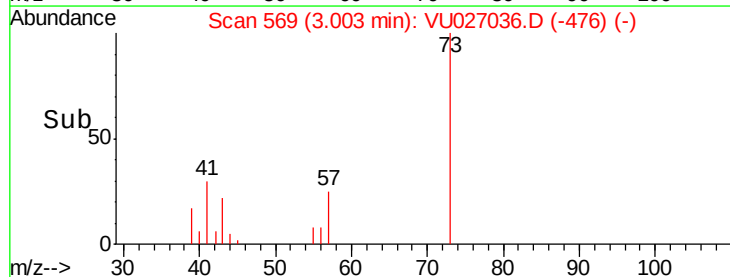
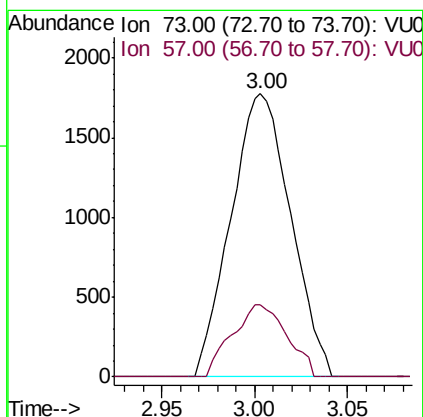
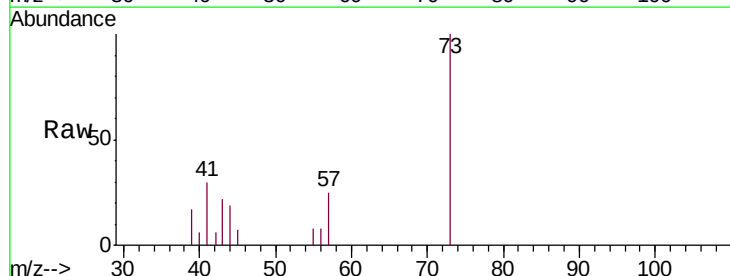
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914

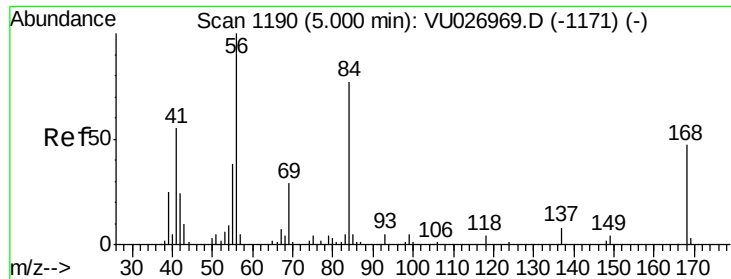
Tgt Ion: 43 Resp: 9056
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#19
Methyl tert-butyl Ether
Concen: 0.844 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

Tgt Ion: 73 Resp: 3976
Ion Ratio Lower Upper
73 100
57 25.5 19.8 29.6

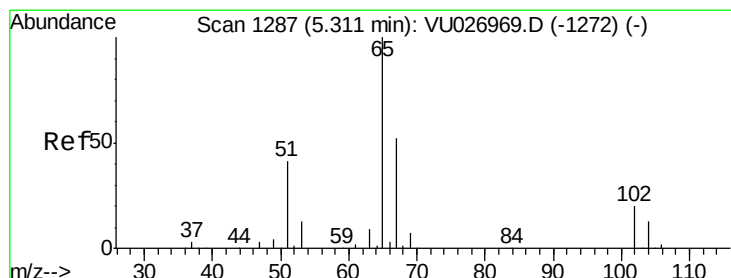
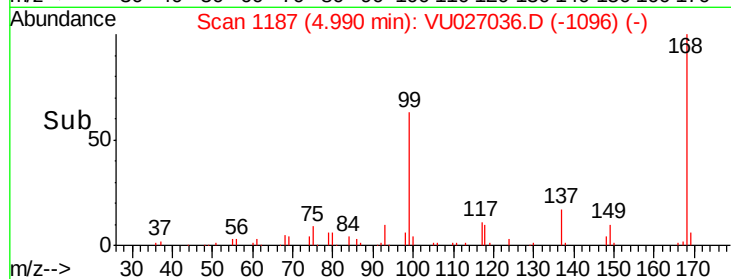
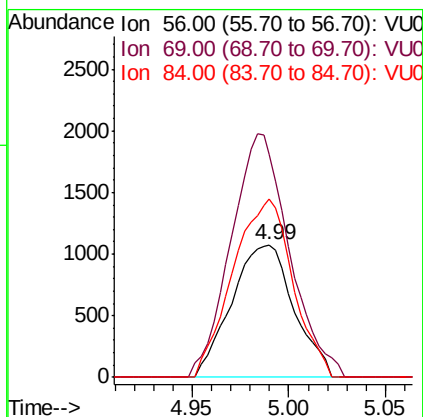
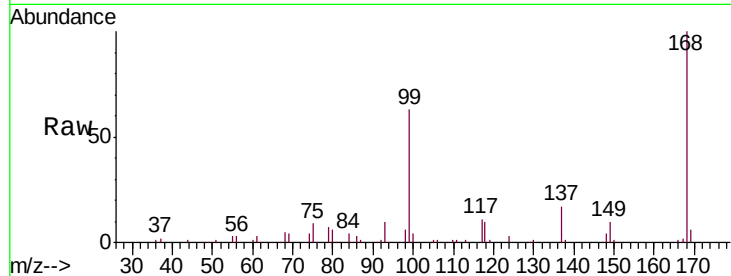




#31
Cyclohexane
Concen: 0.294 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

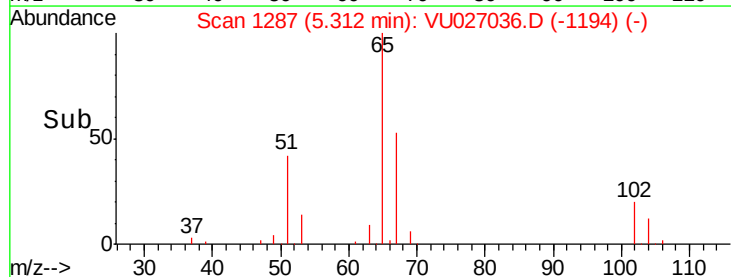
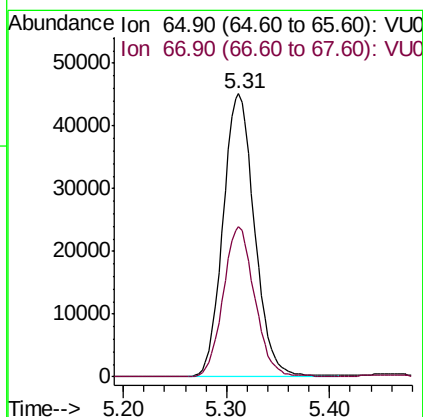
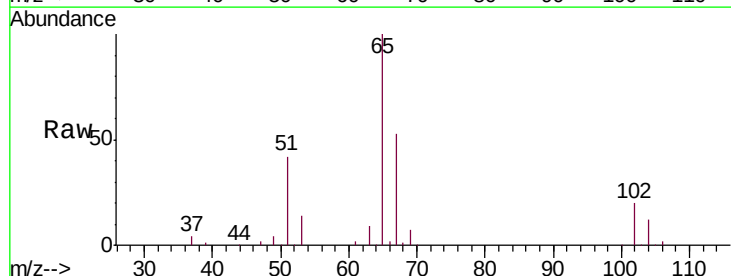
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914

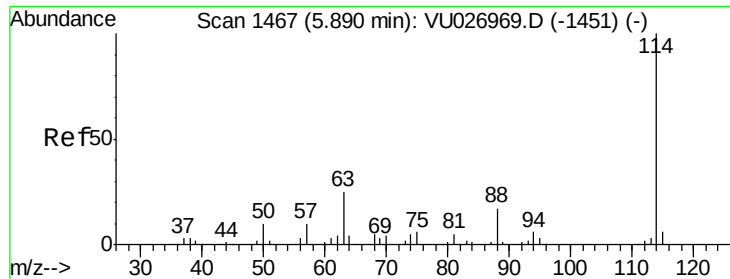
Tgt Ion: 56 Resp: 2412
Ion Ratio Lower Upper
56 100
69 168.3 23.0 34.4#
84 134.5 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: 51.638 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

Tgt Ion: 65 Resp: 96517
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6

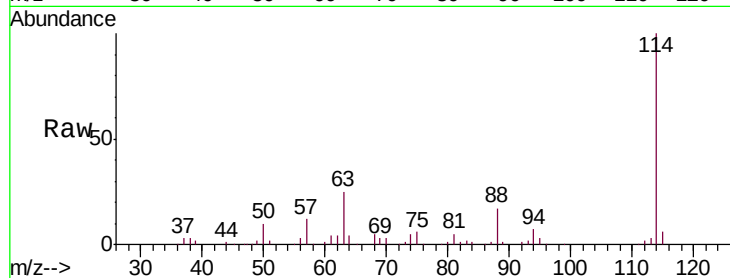




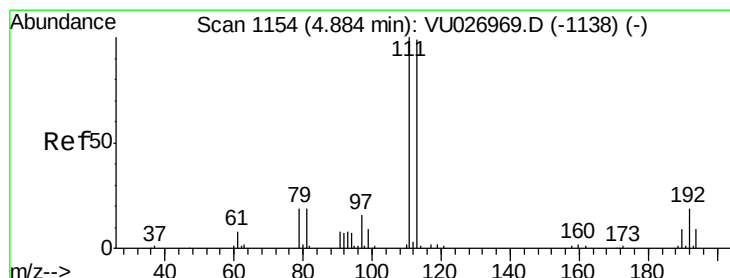
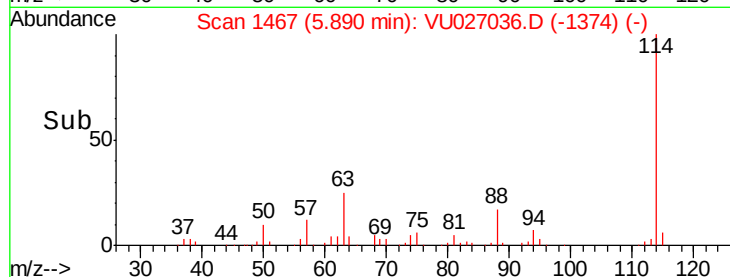
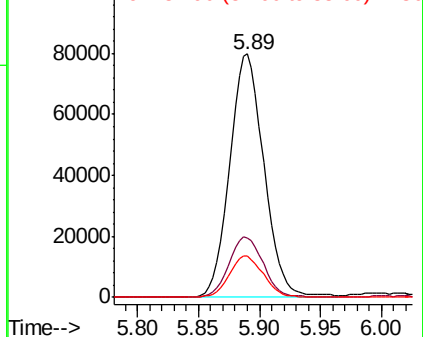
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Tgt Ion:114 Resp: 156233
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.8 0.0 33.8

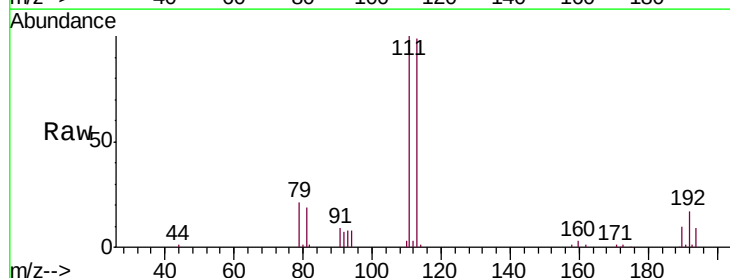


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

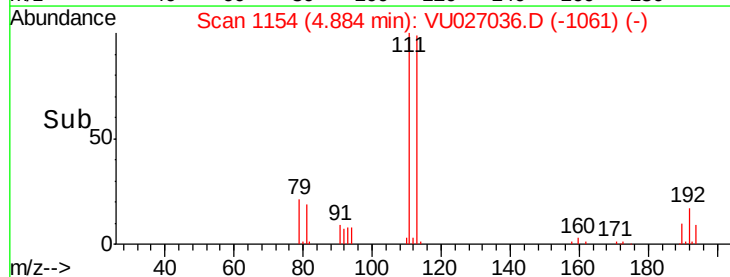
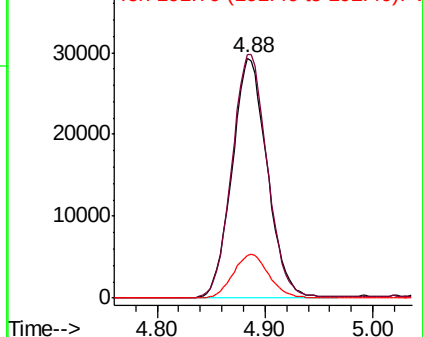


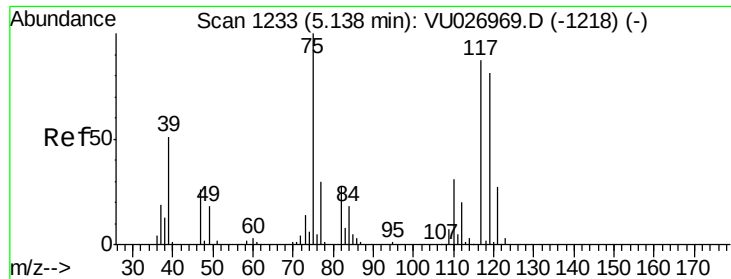
#35
 Dibromofluoromethane
 Concen: 49.281 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion:113 Resp: 66738
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 18.3 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

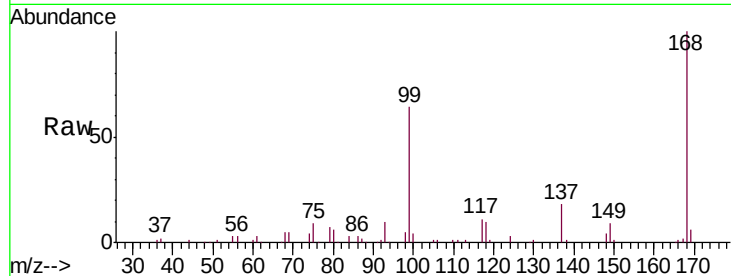




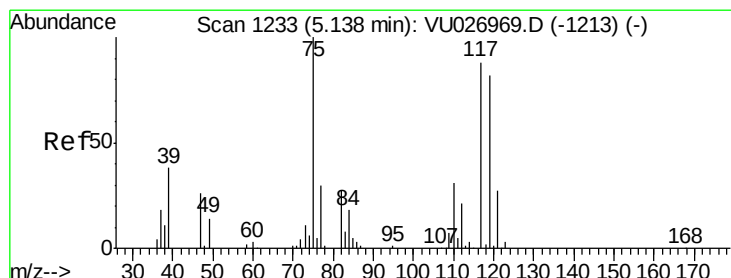
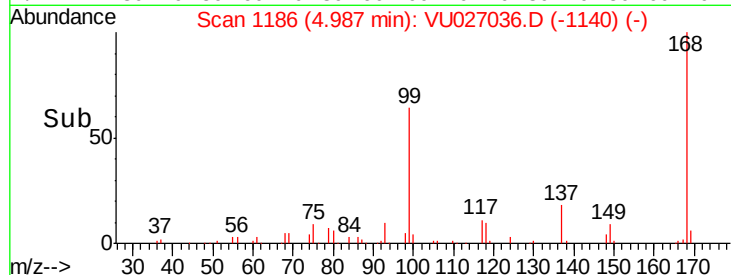
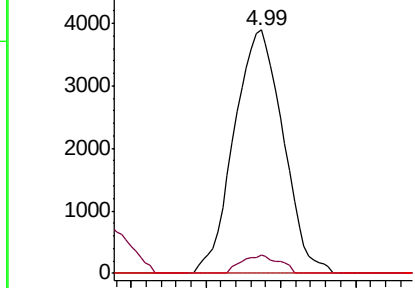
#36
 1,1-Dichloropropene
 Concen: 4.255 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Tgt Ion: 75 Resp: 8872
 Ion Ratio Lower Upper
 75 100
 110 5.7 16.1 48.2#
 77 0.0 24.6 36.8#

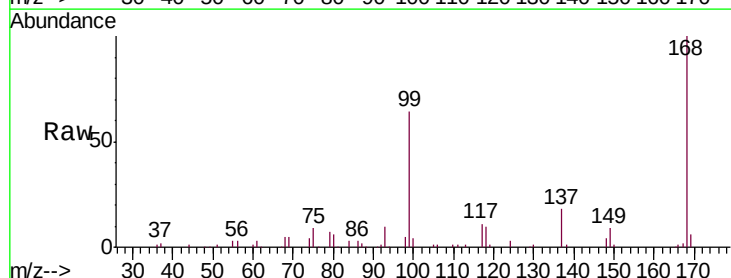


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

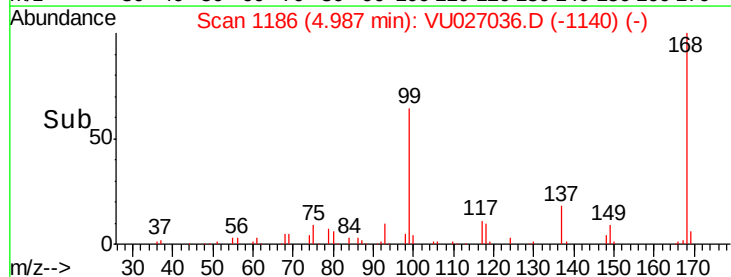
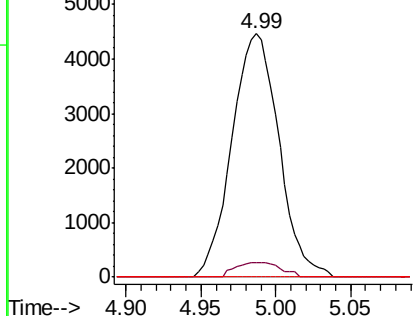


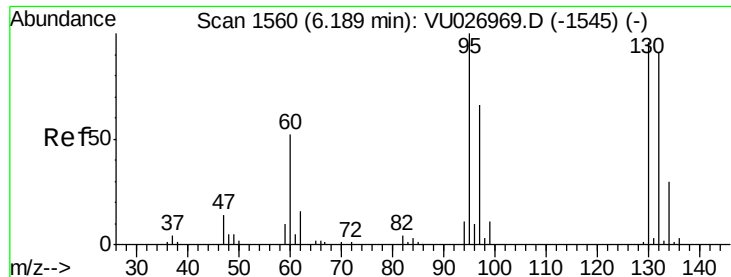
#38
 Carbon Tetrachloride
 Concen: 4.928 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion: 117 Resp: 9779
 Ion Ratio Lower Upper
 117 100
 119 6.0 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: 0.419 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027036.D

Acq: 22 Sep 2018 23:10

Instrument :

MSVOA_U

ClientSampleId :

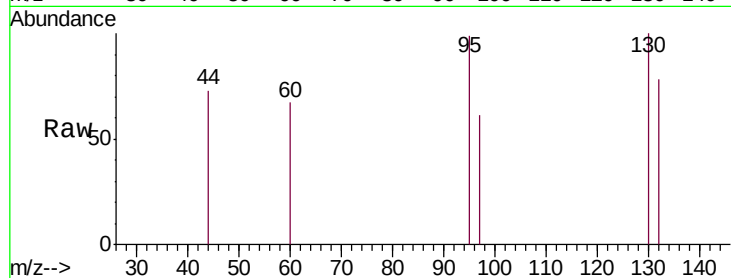
BPSI-TT-MW308D-20180914

Tgt Ion:130 Resp: 566

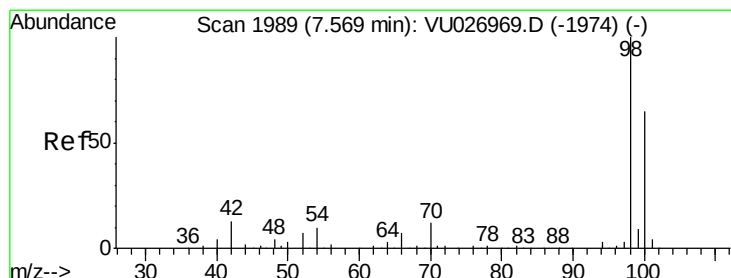
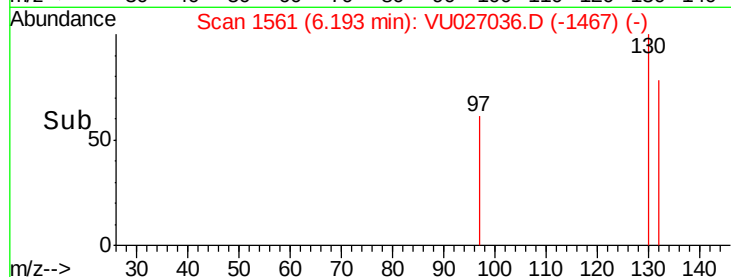
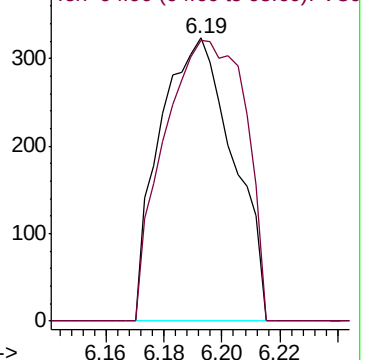
Ion Ratio Lower Upper

130 100

95 99.4 0.0 208.8



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



#50

Toluene-d8

Concen: 46.634 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027036.D

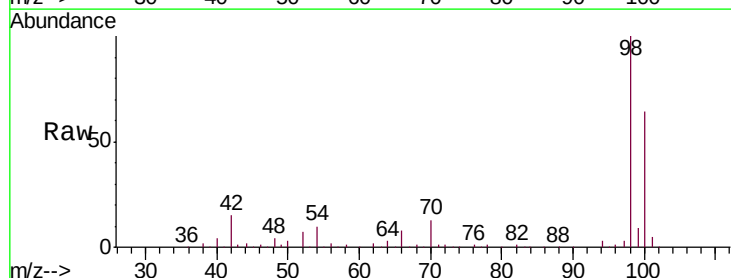
Acq: 22 Sep 2018 23:10

Tgt Ion: 98 Resp: 240678

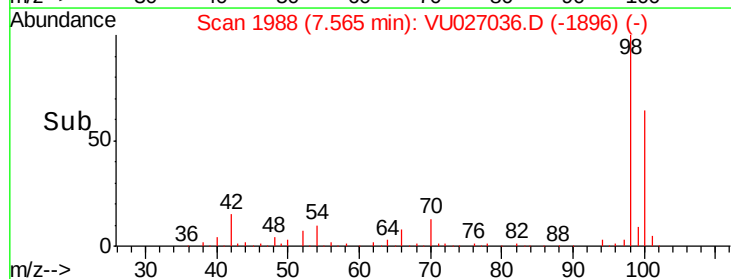
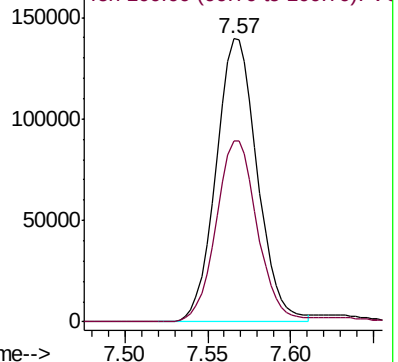
Ion Ratio Lower Upper

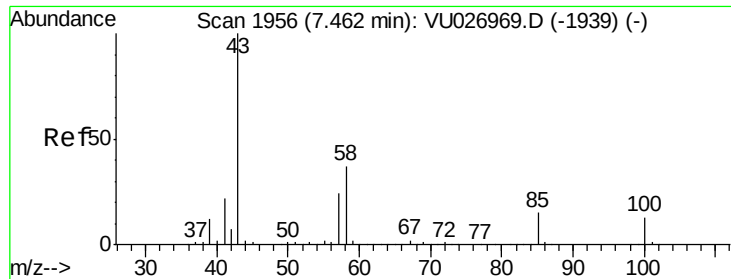
98 100

100 63.9 52.1 78.1



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

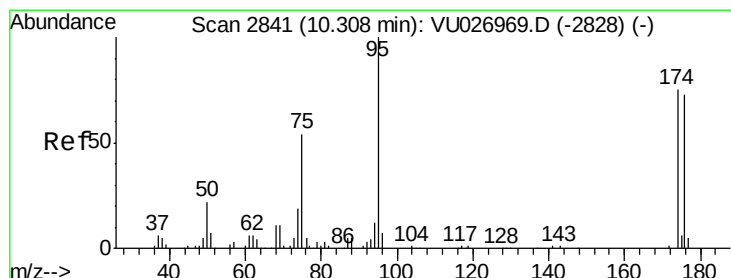
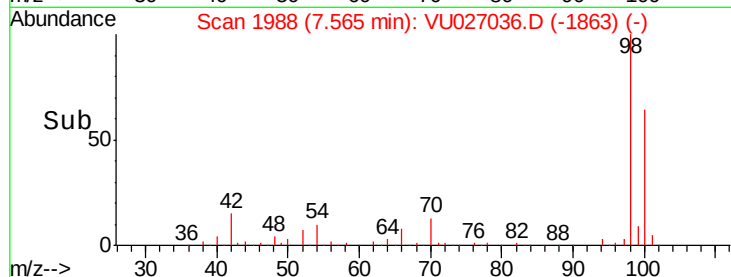
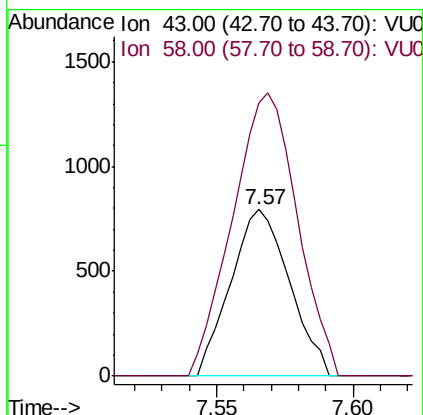
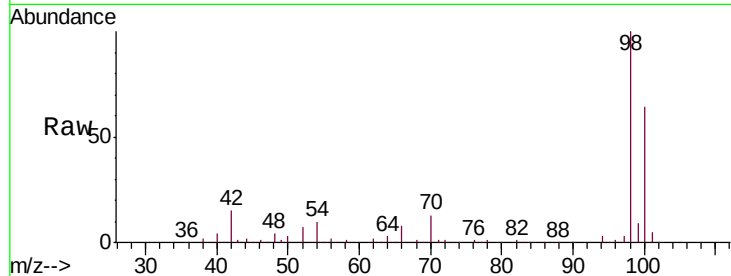




#51
 4-Methyl-2-Pentanone
 Concen: 0.430 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

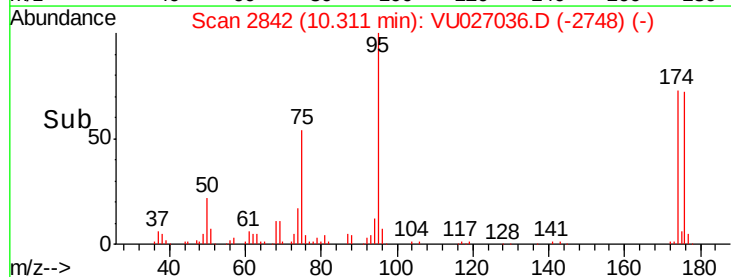
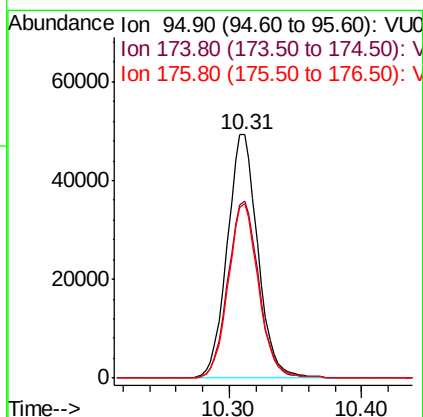
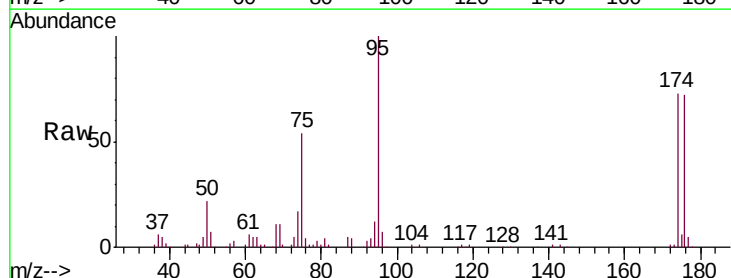
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

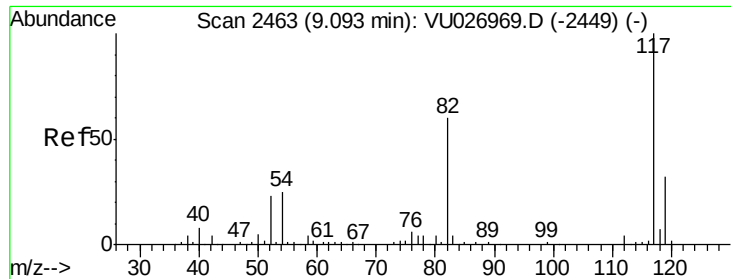
Tgt Ion: 43 Resp: 1190
 Ion Ratio Lower Upper
 43 100
 58 186.8 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 44.724 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion: 95 Resp: 79202
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 150.2
 176 70.9 0.0 145.2

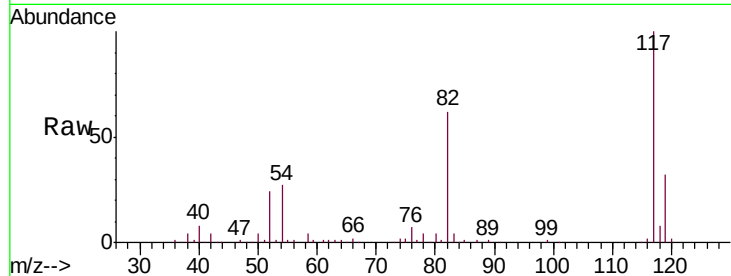




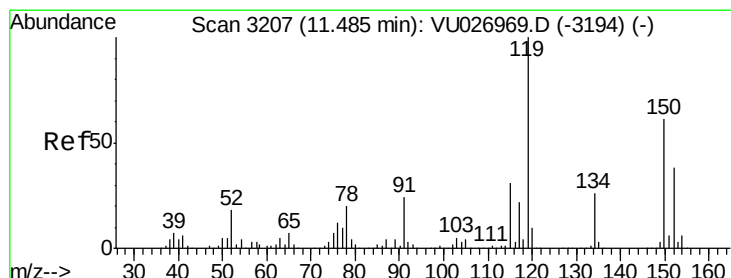
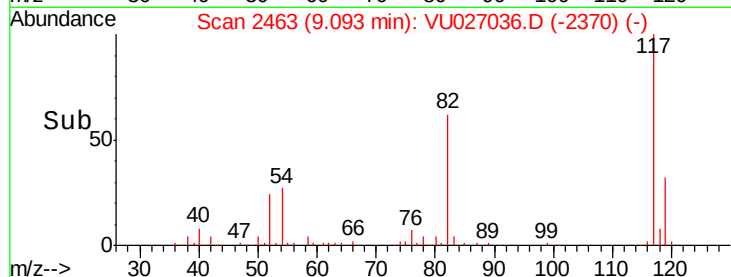
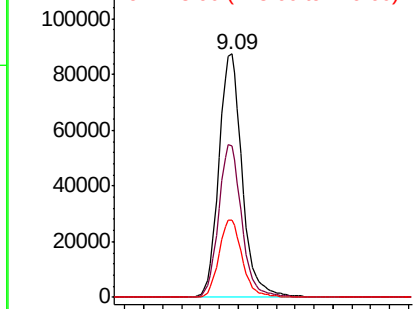
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914

Tgt Ion:117 Resp: 149922
Ion Ratio Lower Upper
117 100
82 62.4 48.0 72.0
119 31.8 25.8 38.8

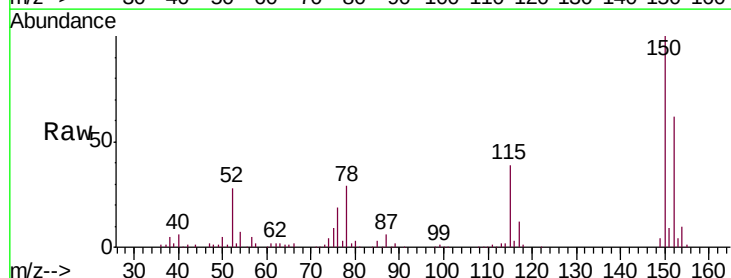


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): V

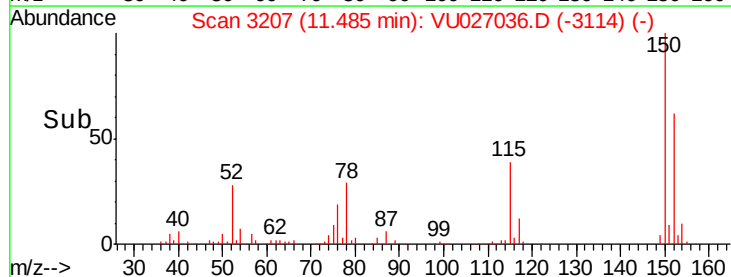
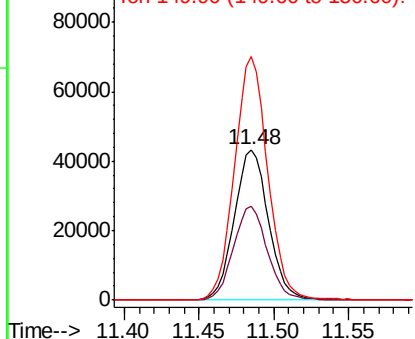


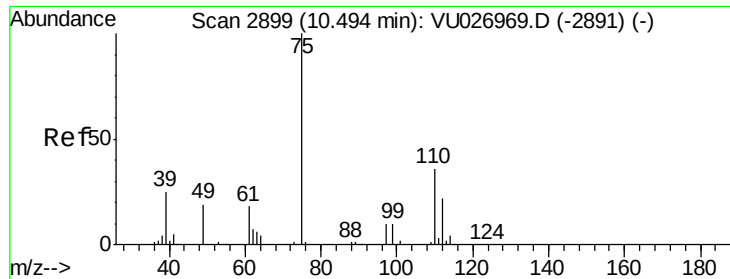
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027036.D
Acq: 22 Sep 2018 23:10

Tgt Ion:152 Resp: 68839
Ion Ratio Lower Upper
152 100
115 62.3 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): VU026969.D (-3194) (-)
Ion 149.90 (149.60 to 150.60): V

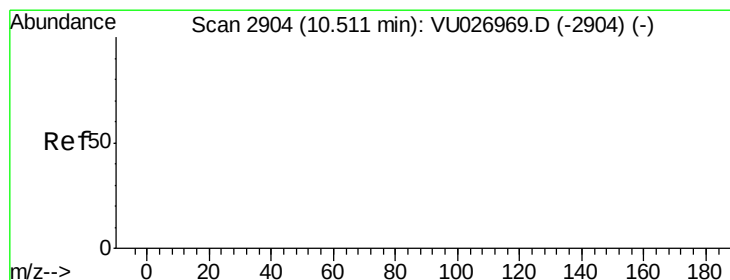
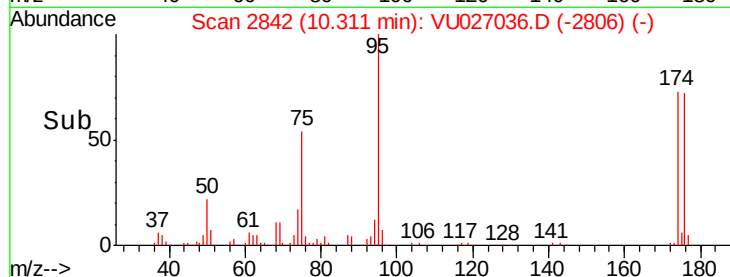
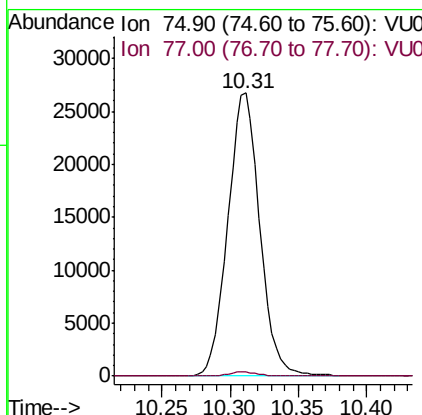
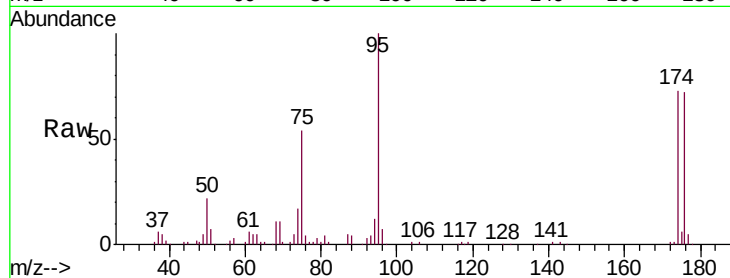




#76
 1,2,3-Trichloropropane
 Concen: 20.797 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.18 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Tgt Ion: 75 Resp: 43493
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.554 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.20 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion: 75 Resp: 43493
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

