

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027241.D
 Acq On : 27 Sep 2018 22:09
 Operator : MD/SY
 Sample : J5033-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW314S-20180919

Quant Time: Sep 28 03:42:10 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	92384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158837	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69711	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	98517	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.96%		
35) Dibromofluoromethane	4.88	113	69477	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.92%		
50) Toluene-d8	7.57	98	250696	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.56%		
62) 4-Bromofluorobenzene	10.31	95	80080	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.96%		

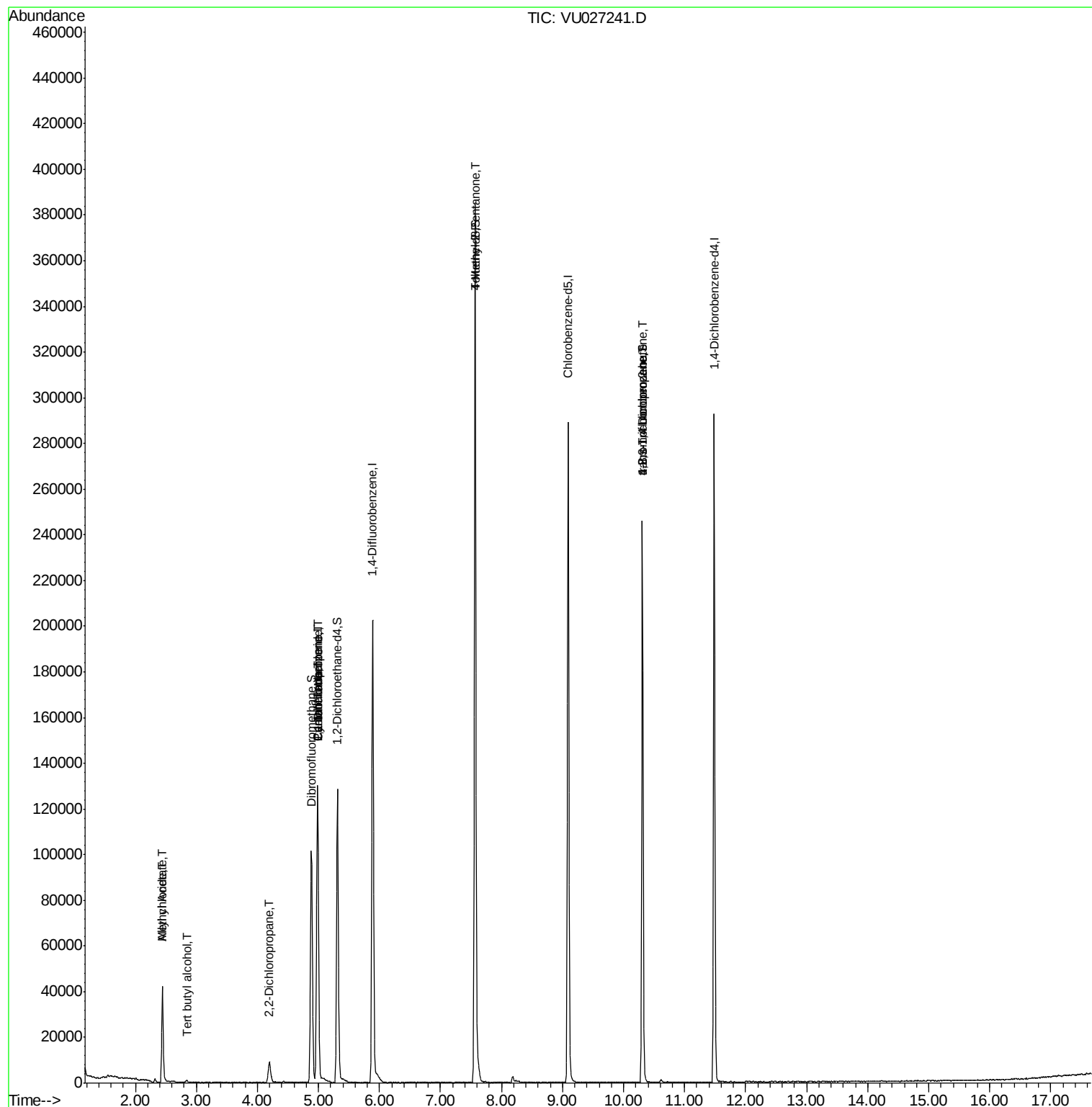
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	790	1.854	ug/l #	72
14) Allyl chloride	2.44	41	4410	1.704	ug/l #	75
16) Acetone	2.32	43	1576	Below Cal		95
18) Methyl Acetate	2.44	43	10807	4.083	ug/l #	55
26) 2,2-Dichloropropane	4.20	77	598	0.252	ug/l #	55
31) Cyclohexane	4.98	56	2447	0.312	ug/l #	4
36) 1,1-Dichloropropene	4.98	75	8700	4.104	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9642	4.780	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1037	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43790	20.677	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43790	66.170	ug/l #	100

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

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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: VU027241.D

Acq: 27 Sep 2018 22:09

Instrument :

MSVOA_U

ClientSampleId :

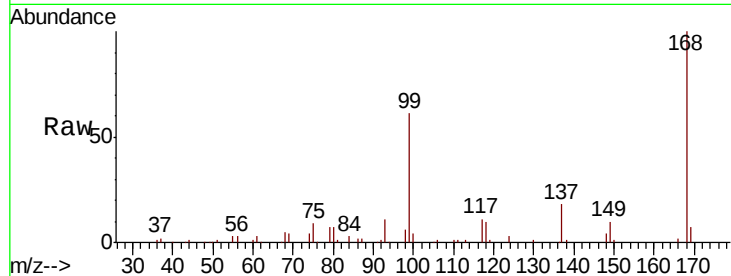
BPSI-TT-MW314S-20180919

Tot Ion:168 Resp: 92384

Ion Ratio Lower Upper

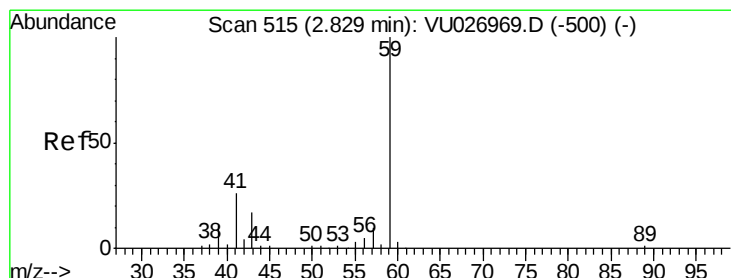
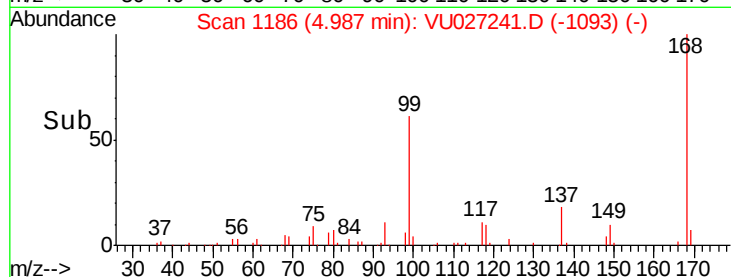
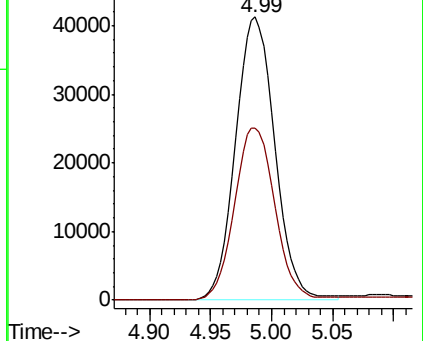
168 100

99 61.0 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) (-)



#11

Tert butyl alcohol

Concen: 1.854 ug/l

RT: 2.84 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU027241.D

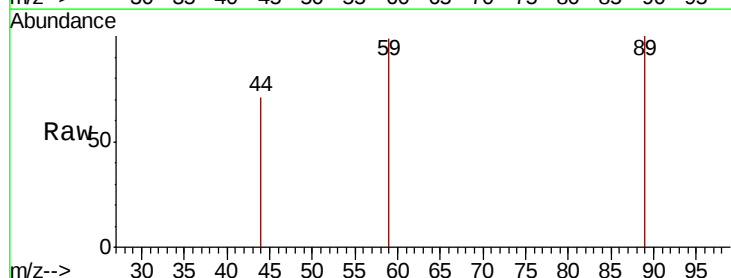
Acq: 27 Sep 2018 22:09

Tgt Ion: 59 Resp: 790

Ion Ratio Lower Upper

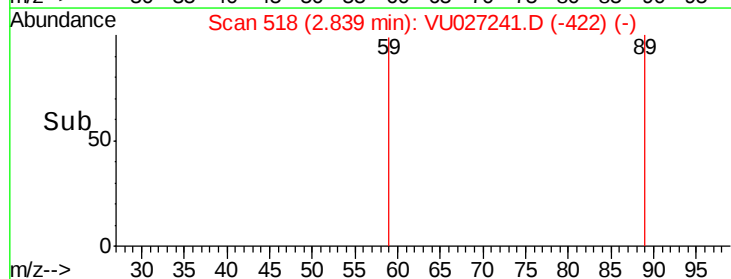
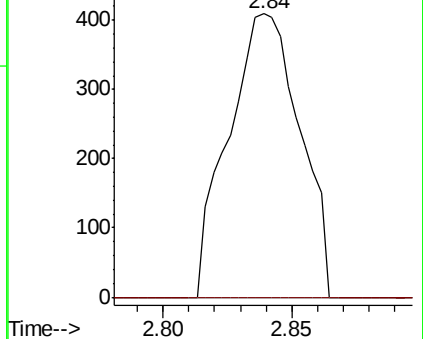
59 100

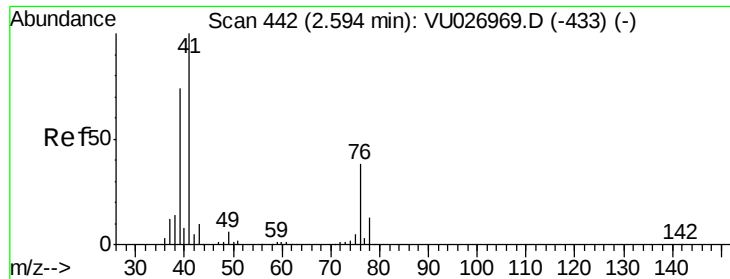
57 0.0 8.5 12.7#



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

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

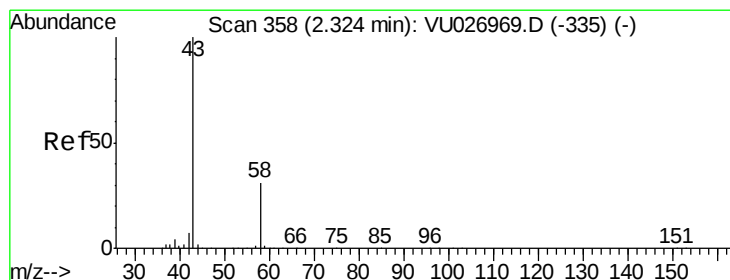
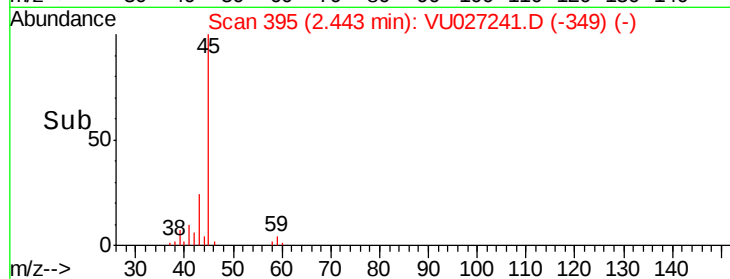
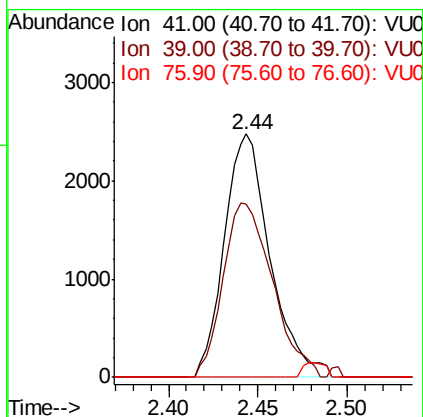
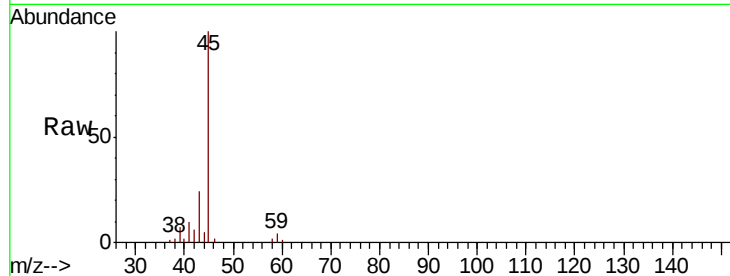




#14
Allvl chloride
Concen: 1.704 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

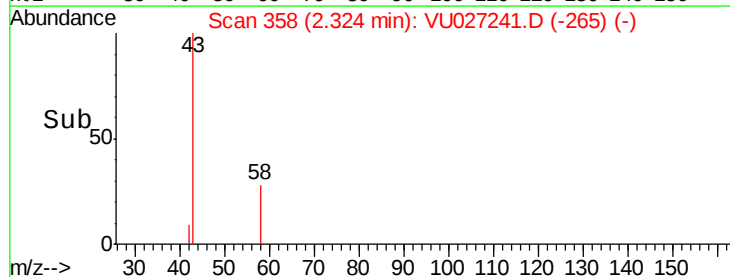
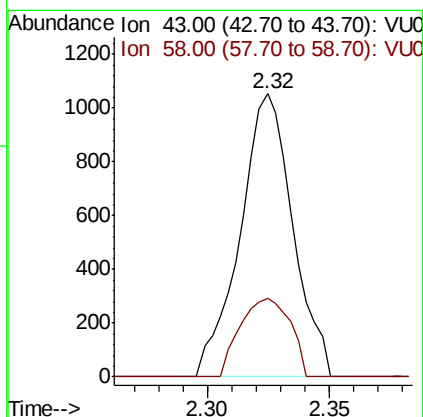
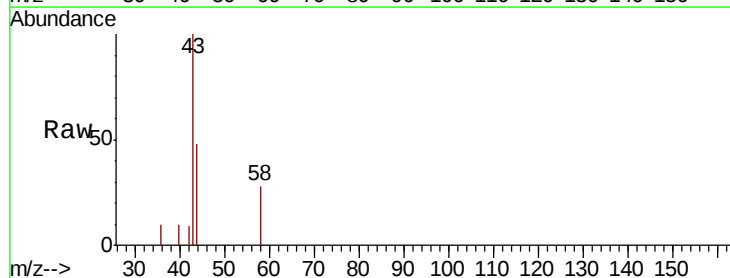
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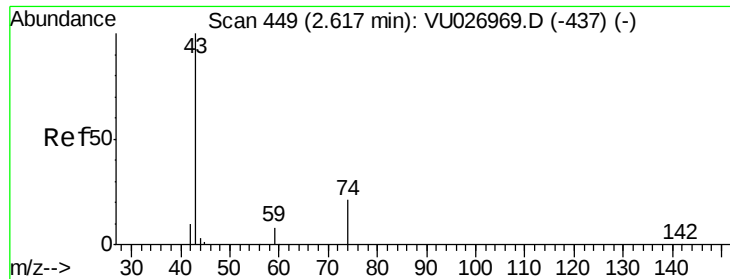
Tot Ion: 41 Resp: 4410
Ion Ratio Lower Upper
41 100
39 77.3 55.7 83.5
76 0.0 26.5 39.7#



#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 27.8 24.6 36.8

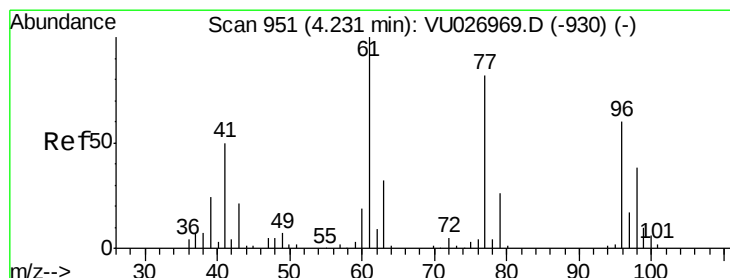
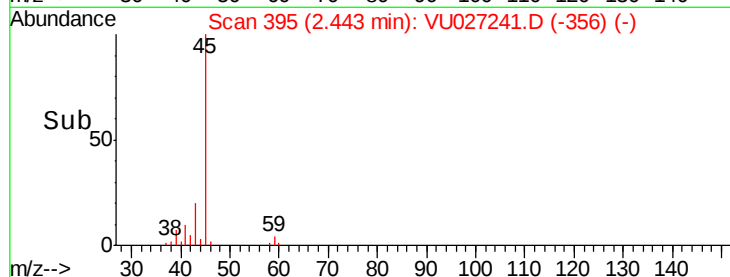
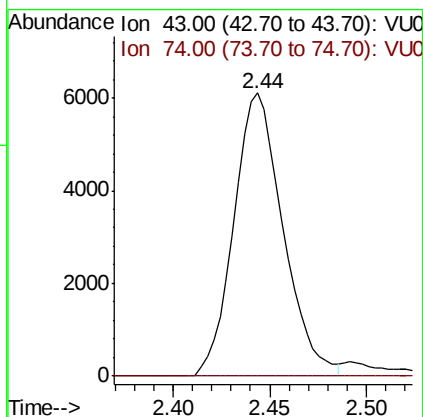
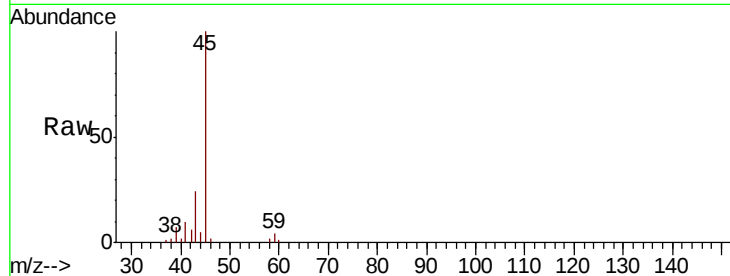




#18
Methvl Acetate
Concen: 4.083 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

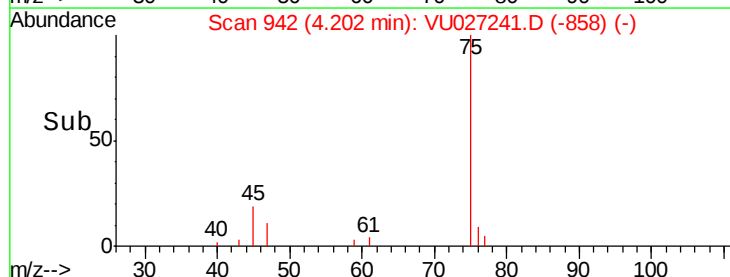
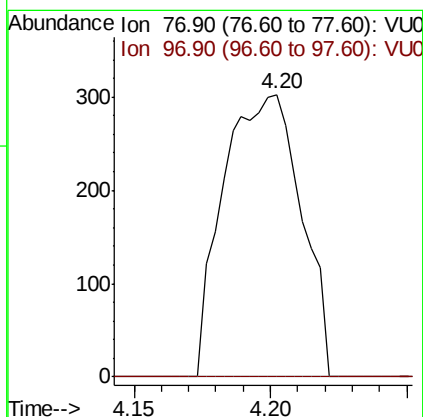
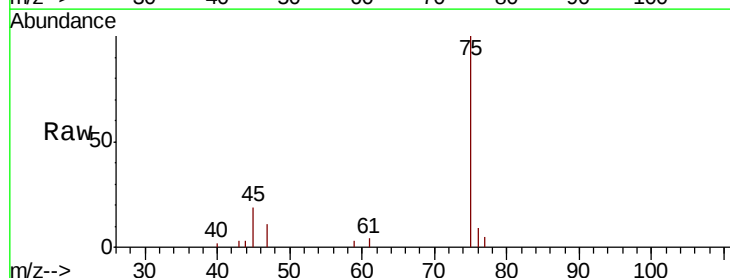
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MSVOA_U
ClientSampleId :
BPSI-TT-MW314S-20180919

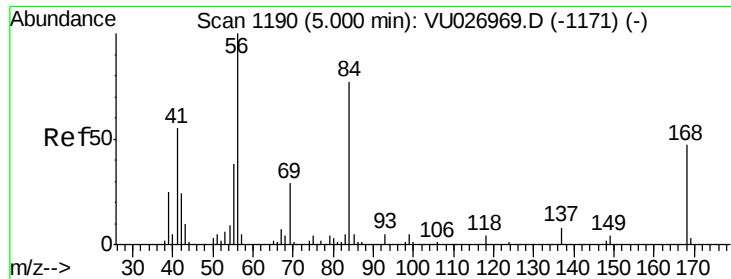
Tot Ion: 43 Resp: 10807
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#26
2,2-Dichloropropane
Concen: 0.252 ug/l
RT: 4.20 min Scan# 942
Delta R.T. -0.03 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

Tgt Ion: 77 Resp: 598
Ion Ratio Lower Upper
77 100
97 0.0 10.5 31.5#

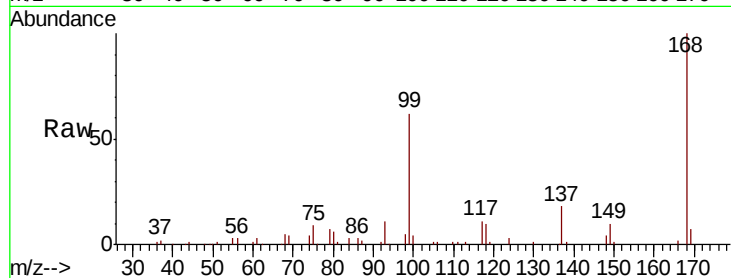




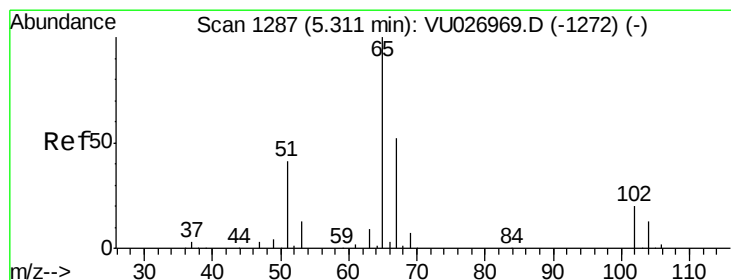
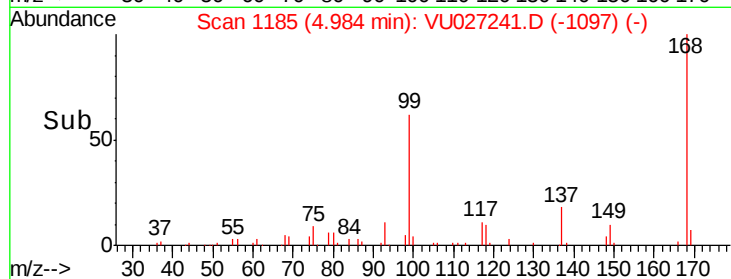
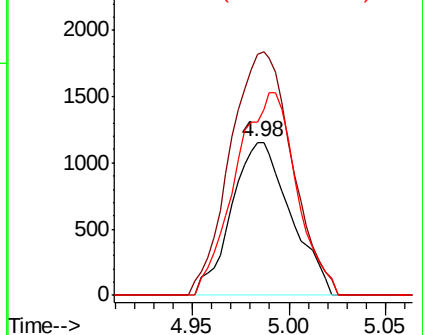
#31
Cyclohexane
Concen: 0.312 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW314S-20180919

Tot Ion: 56 Resp: 2447
Ion Ratio Lower Upper
56 100
69 157.0 23.0 34.4#
84 112.7 61.4 92.2#

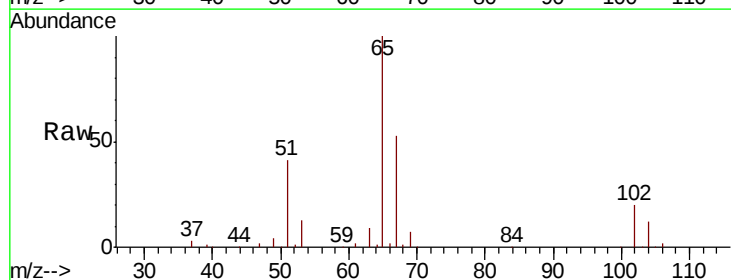


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

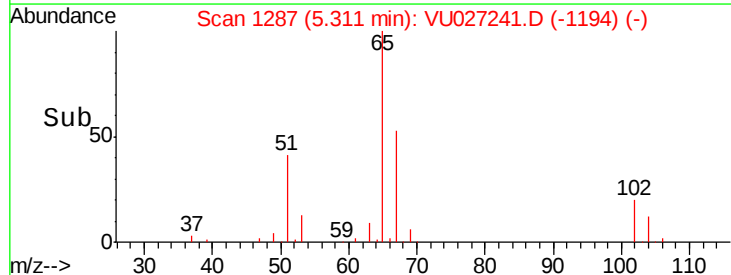
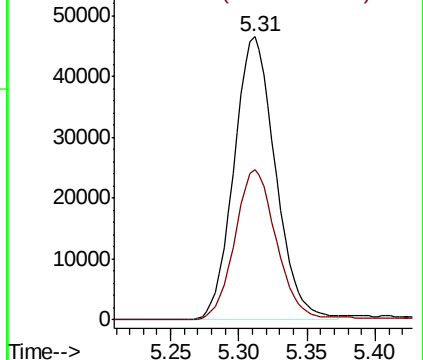


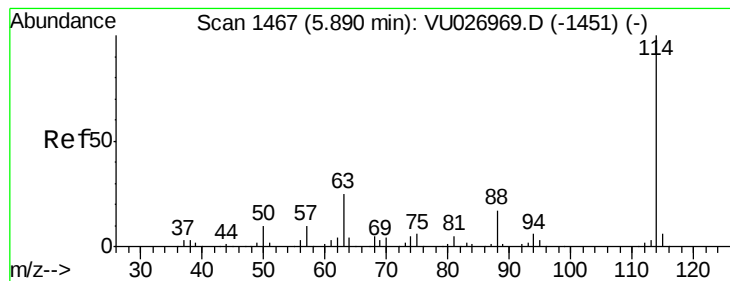
#33
1,2-Dichloroethane-d4
Concen: 52.984 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

Tgt Ion: 65 Resp: 98517
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027241.D

Acq: 27 Sep 2018 22:09

Instrument :

MSVOA_U

ClientSampleID :

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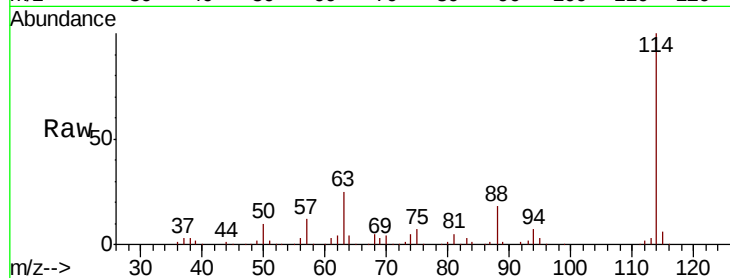
Tot Ion:114 Resp: 158837

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

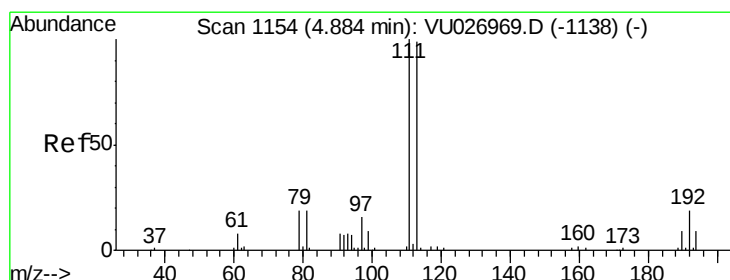
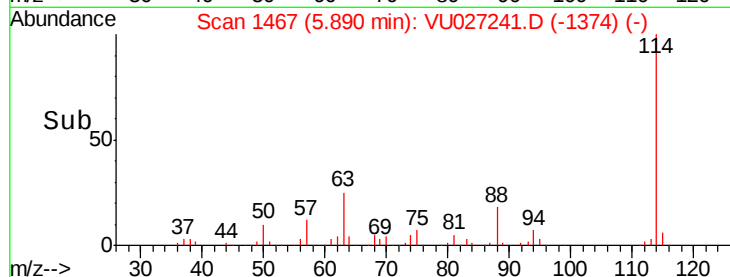
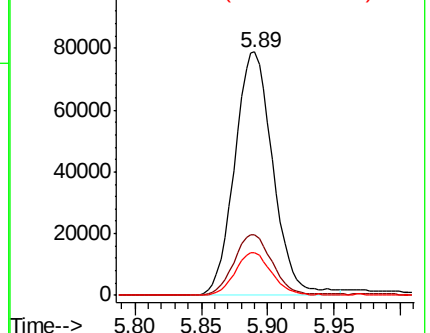
88 17.6 0.0 33.8



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: 50.463 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027241.D

Acq: 27 Sep 2018 22:09

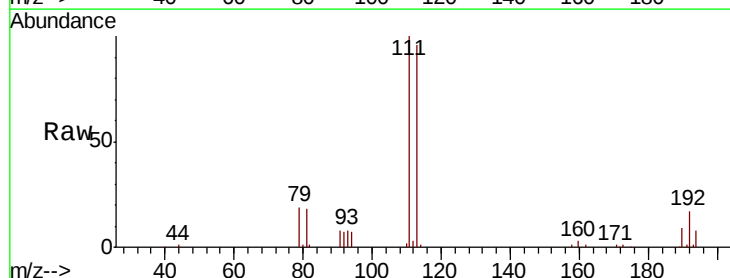
Tgt Ion:113 Resp: 69477

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

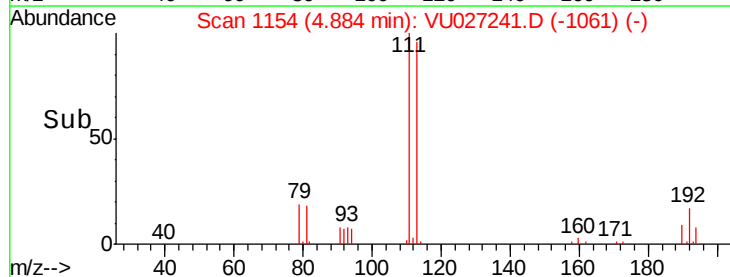
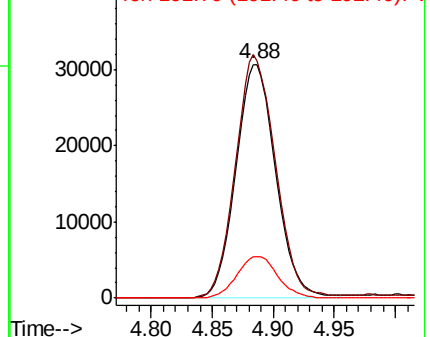
192 18.2 15.2 22.8

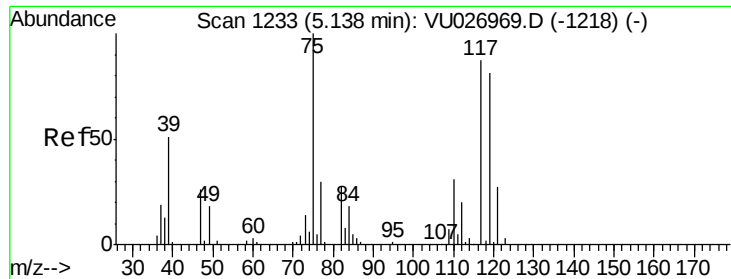


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

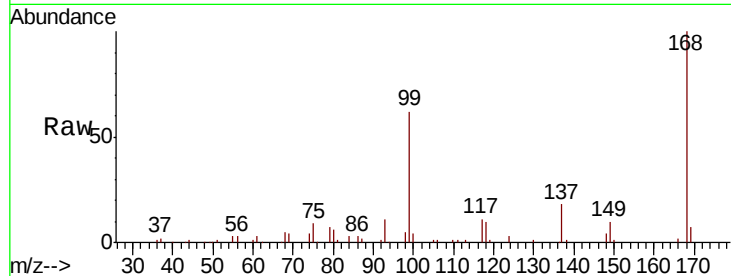




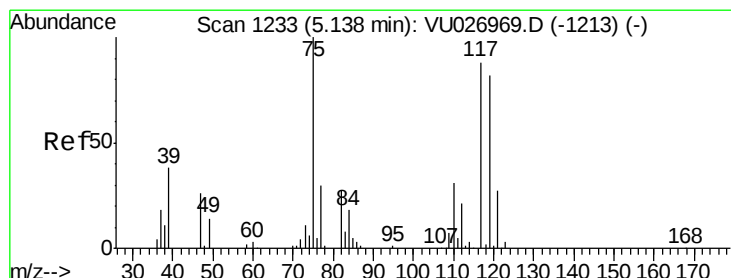
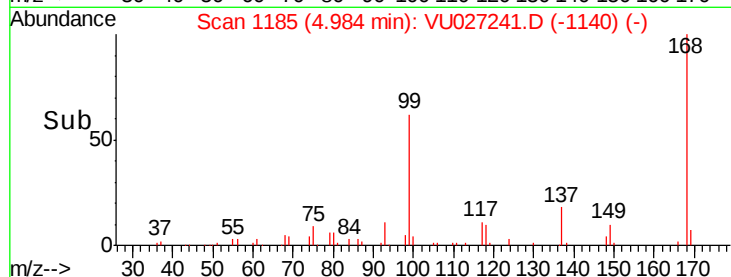
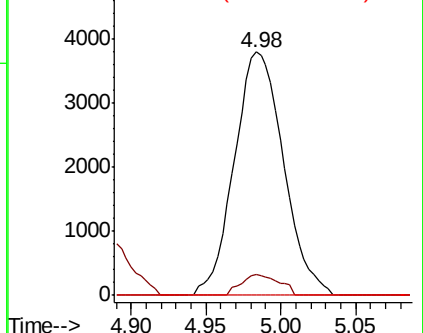
#36
 1,1-Dichloropropene
 Concen: 4.104 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027241.D
 Acq: 27 Sep 2018 22:09

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Tot Ion	Ratio	Lower	Upper
75	100		
110	6.5	16.1	48.2#
77	0.0	24.6	36.8#

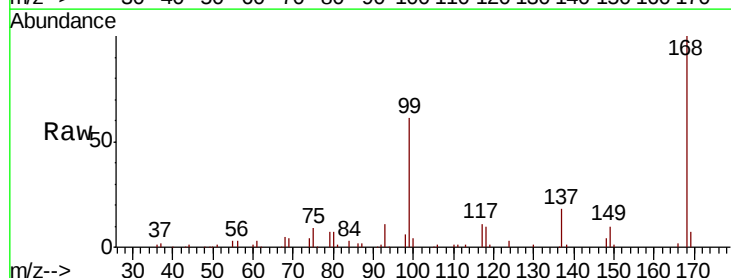


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

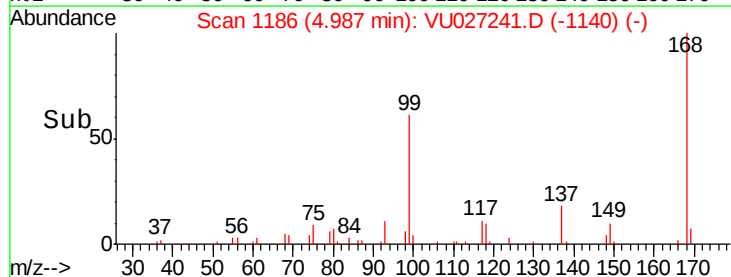
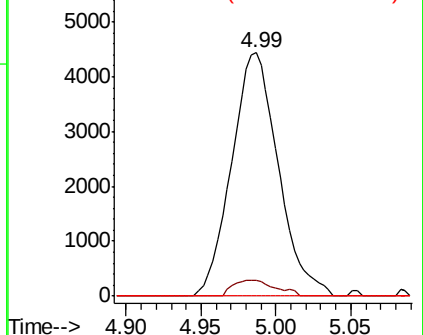


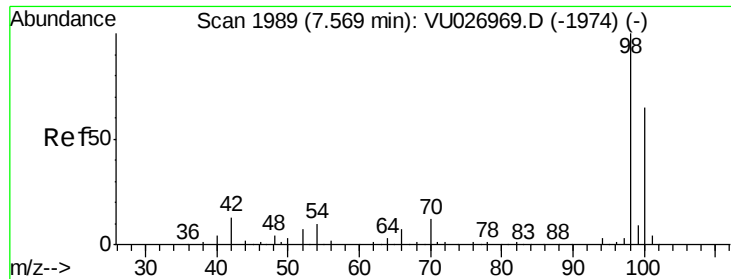
#38
 Carbon Tetrachloride
 Concen: 4.780 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027241.D
 Acq: 27 Sep 2018 22:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	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

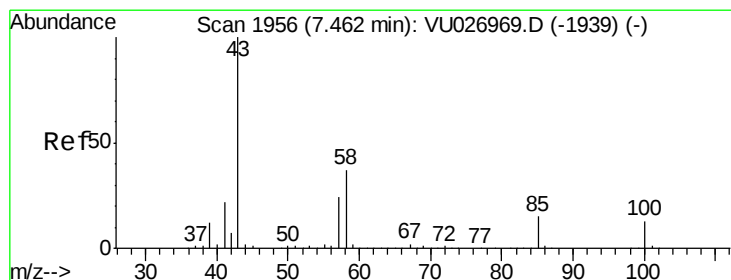
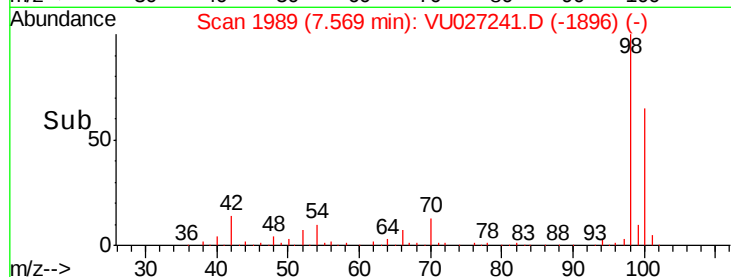
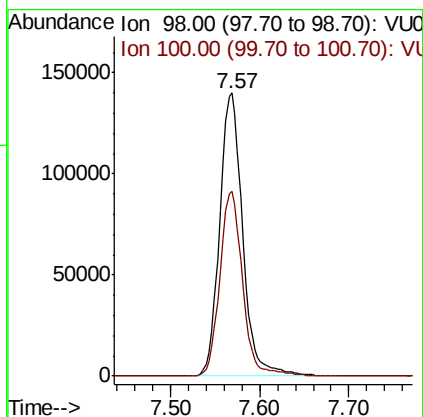
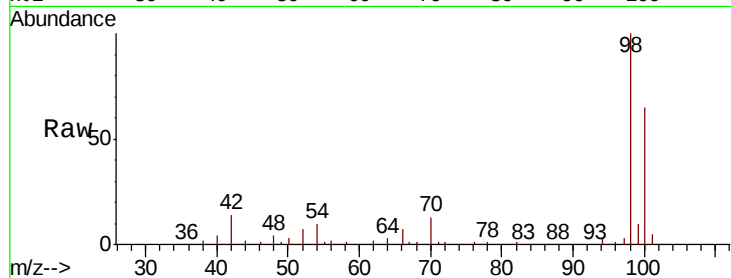




#50
Toluene-d8
Concen: 47.778 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

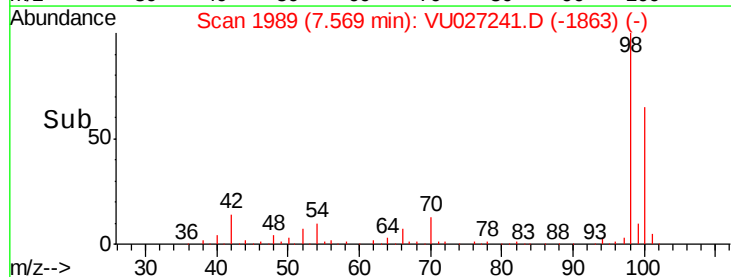
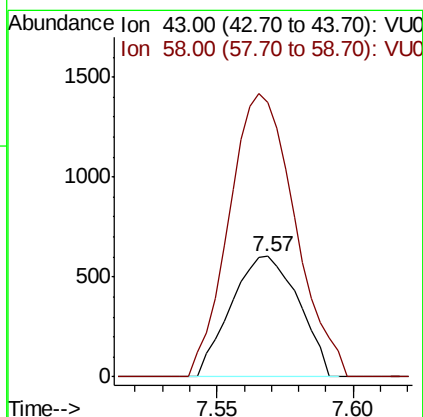
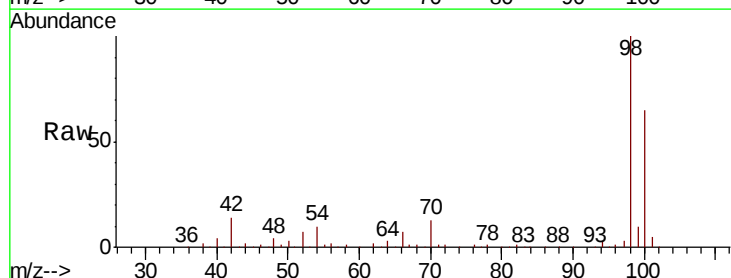
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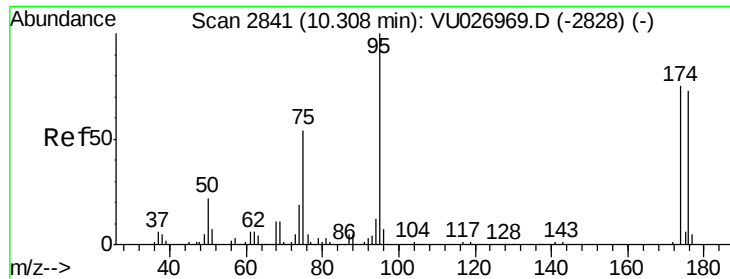
Tot Ion: 98 Resp: 250696
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027241.D
Acq: 27 Sep 2018 22:09

Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 228.7 29.8 44.6#

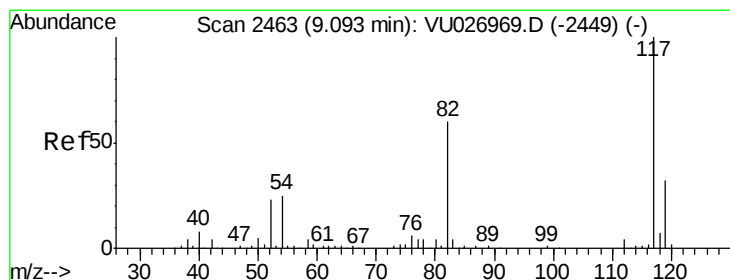
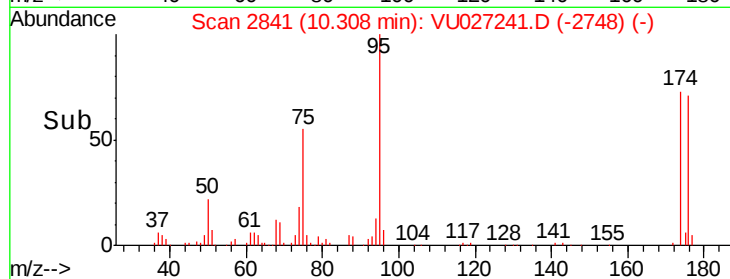
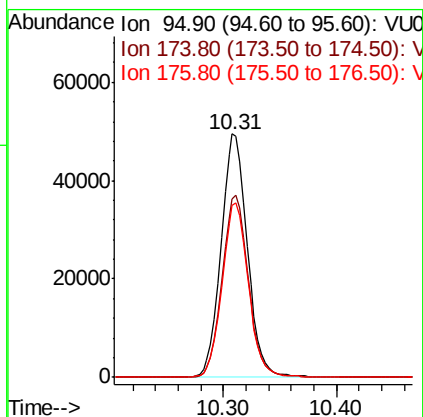
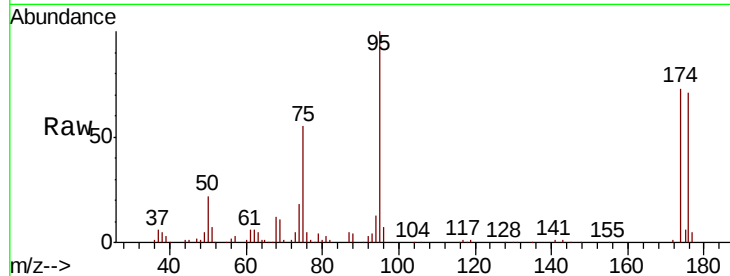




#62
 4-Bromofluorobenzene
 Concen: 44.478 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027241.D
 Acq: 27 Sep 2018 22:09

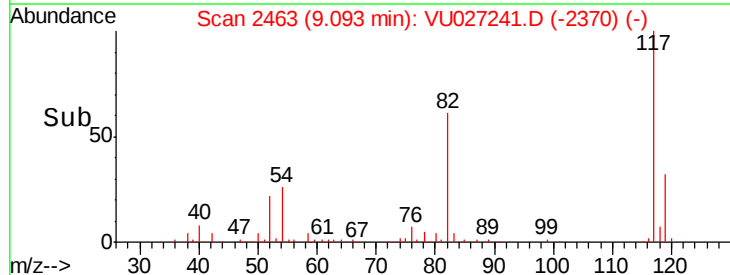
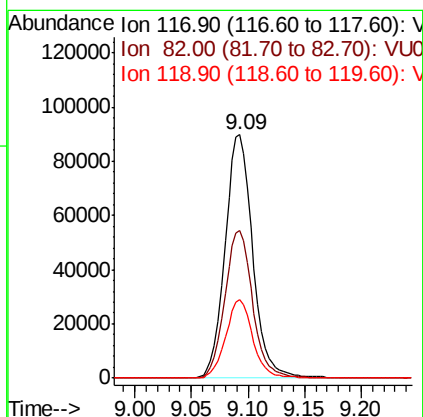
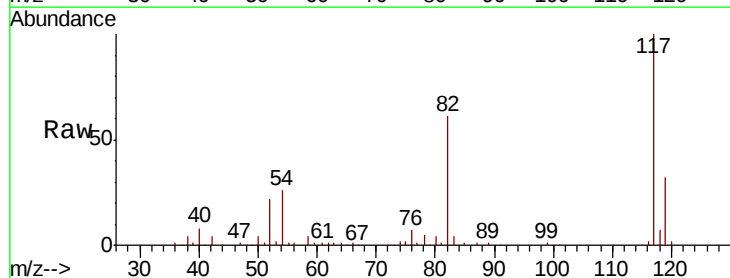
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW314S-20180919

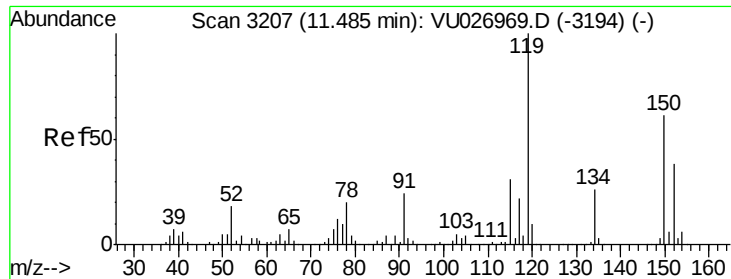
Tot Ion: 95 Resp: 80080
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.2
 176 71.6 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027241.D
 Acq: 27 Sep 2018 22:09

Tgt Ion: 117 Resp: 152925
 Ion Ratio Lower Upper
 117 100
 82 60.7 48.0 72.0
 119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027241.D

Acq: 27 Sep 2018 22:09

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW314S-20180919

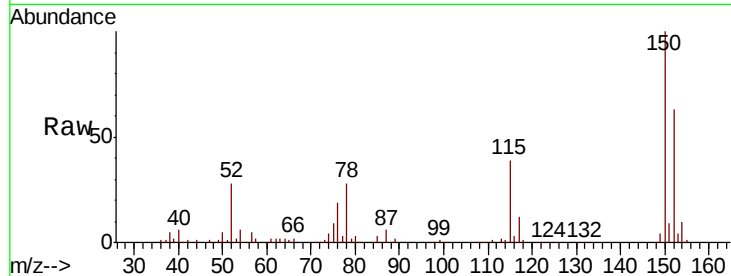
Tot Ion:152 Resp: 69711

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

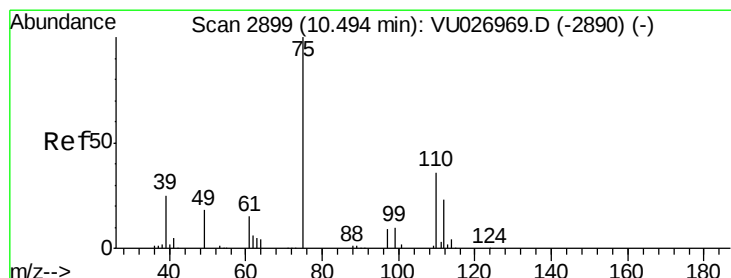
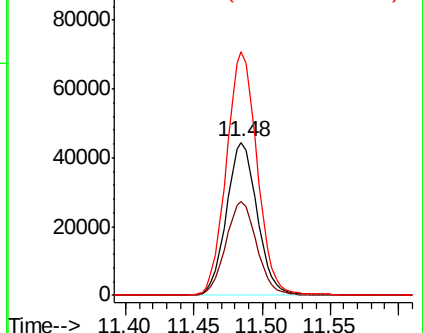
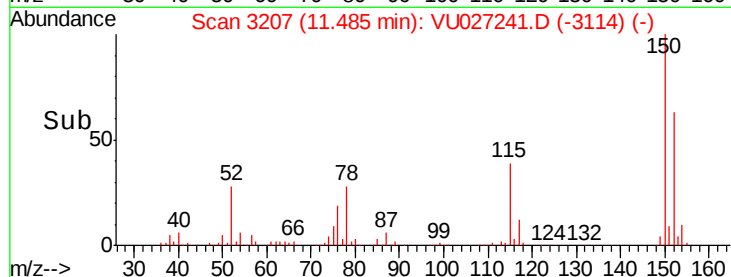
150 160.0 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.677 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027241.D

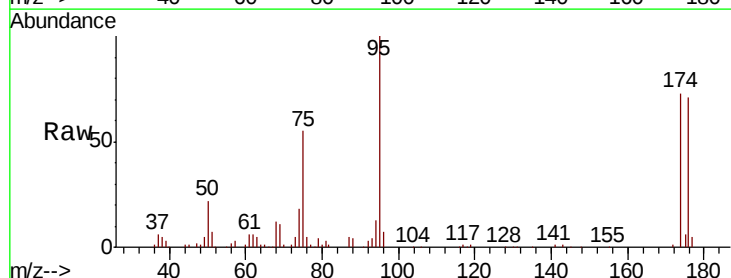
Acq: 27 Sep 2018 22:09

Tgt Ion: 75 Resp: 43790

Ion Ratio Lower Upper

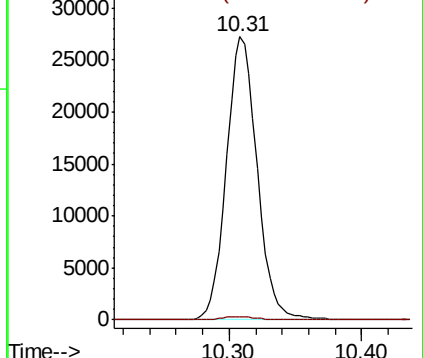
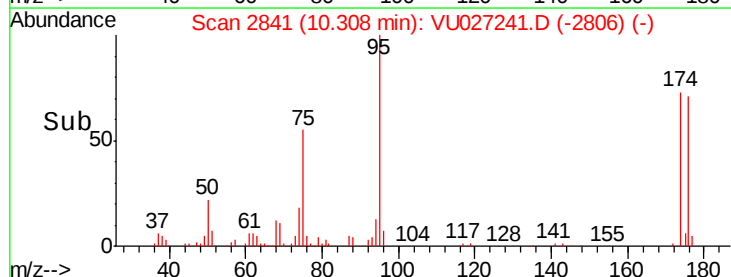
75 100

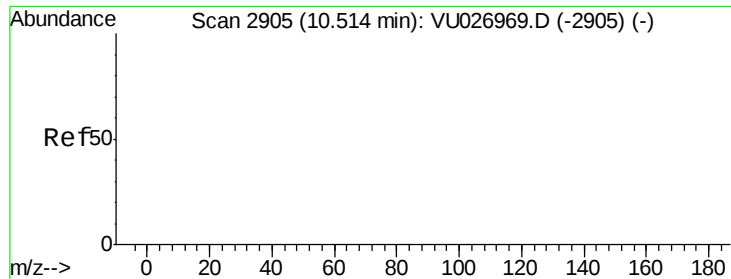
77 1.2 20.9 62.8#



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: 66.170 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027241.D

Acq: 27 Sep 2018 22:09

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW314S-20180919

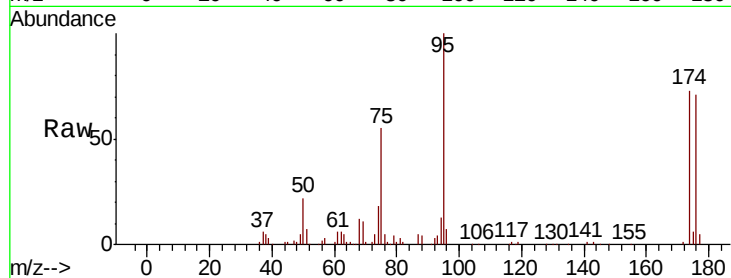
Tot Ion: 75 Resp: 43790

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

