

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027239.D
 Acq On : 27 Sep 2018 21:23
 Operator : MD/SY
 Sample : J5033-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW310S-20180919

Quant Time: Sep 28 03:41:45 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	91949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156016	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67735	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	99516	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	4.89	113	68872	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	7.57	98	251015	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.31	95	79167	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	

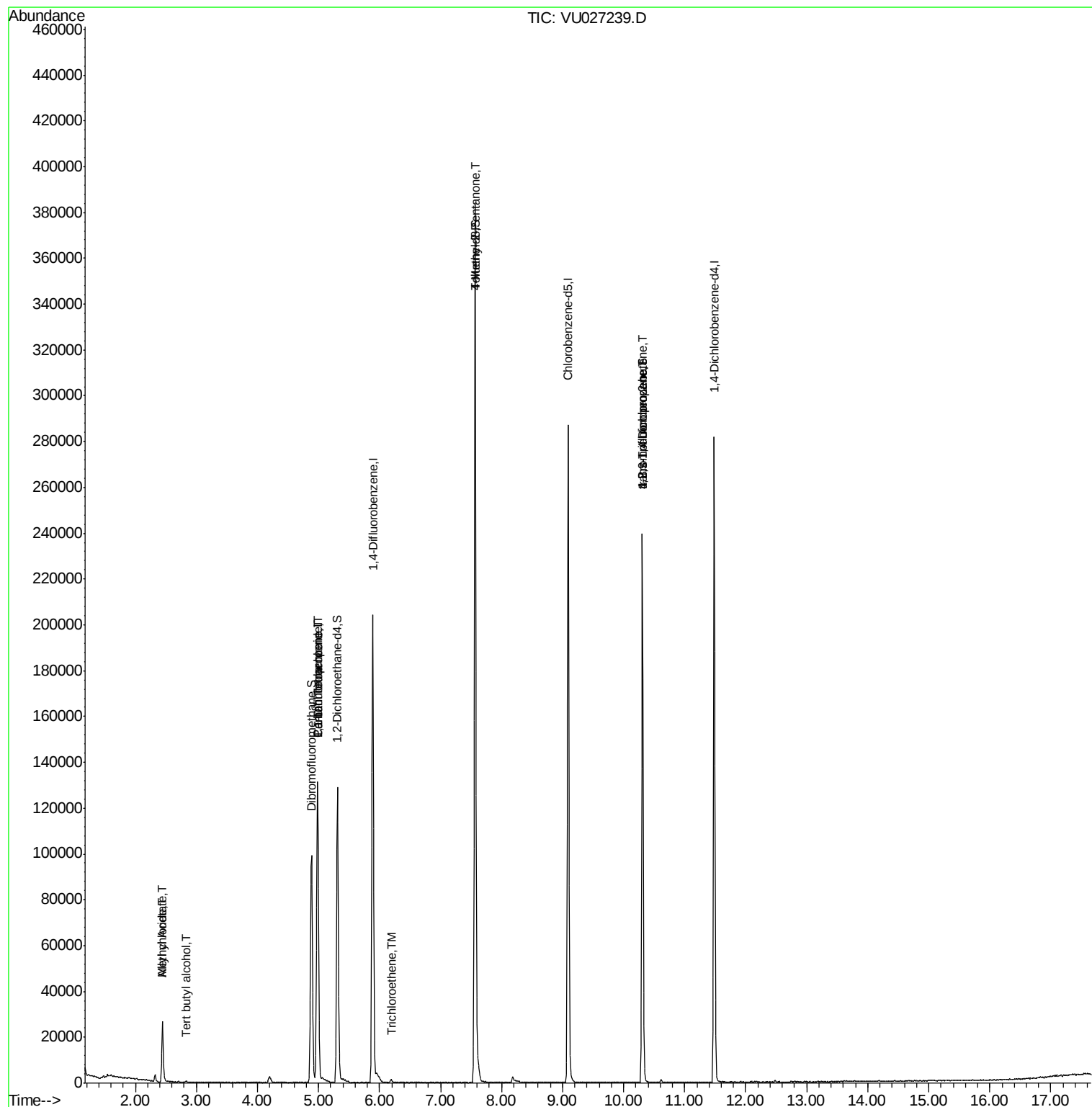
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	92	0.217	ug/l #	72
14) Allyl chloride	2.44	41	2772	1.076	ug/l #	70
16) Acetone	2.32	43	3360	Below Cal		97
18) Methyl Acetate	2.44	43	6698	2.543	ug/l #	55
36) 1,1-Dichloropropene	4.98	75	8913	4.281	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9626	4.858	ug/l #	19
44) Trichloroethene	6.20	130	441	0.327	ug/l	87
51) 4-Methyl-2-Pentanone	7.57	43	1306	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42292	20.552	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42292	65.771	ug/l #	100

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

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Quant Time: Sep 28 03:41:45 2018
Quant Method : Z:\V0ASRV\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: VU027239.D

Acq: 27 Sep 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

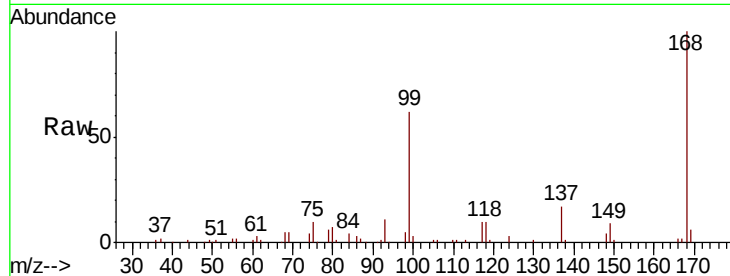
BPSI-TT-MW310S-20180919

Tot Ion:168 Resp: 91949

Ion Ratio Lower Upper

168 100

99 62.0 48.1 72.1

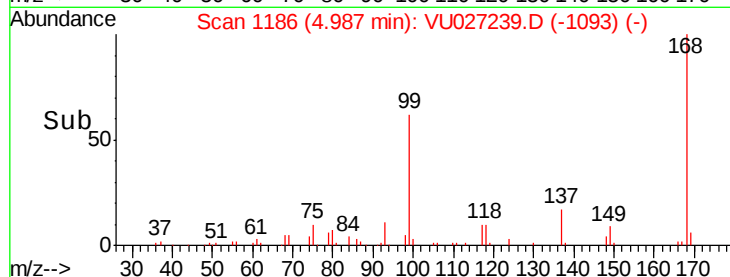


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



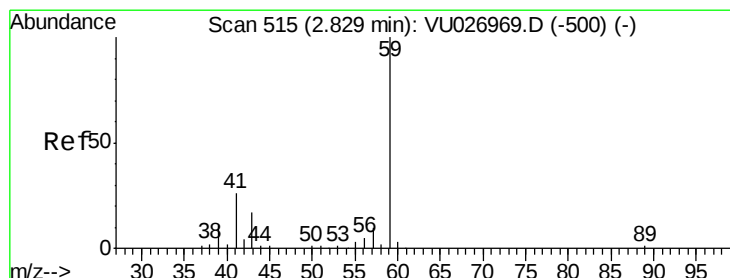
Abundance

Ion 167.90 (167.60 to 168.60): VU027239.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027239.D (-1093) (-)

4.99

Time-->



#11

Tert butyl alcohol

Concen: 0.217 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027239.D

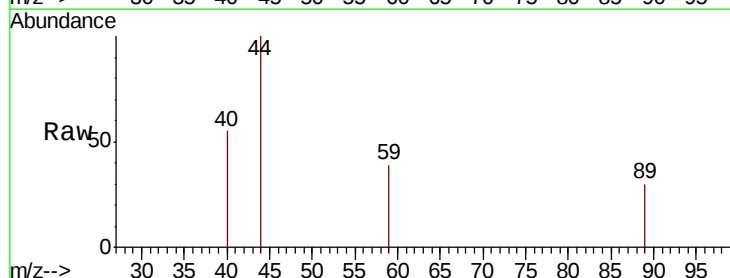
Acq: 27 Sep 2018 21:23

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

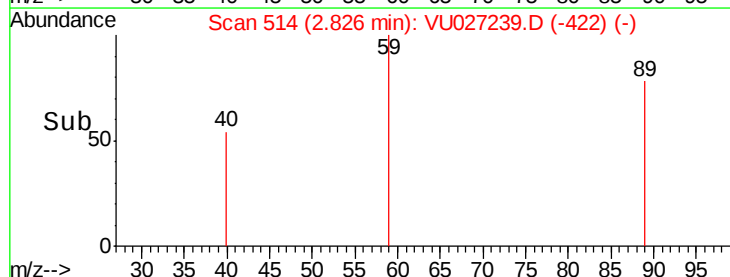


Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

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

2.83

Time-->



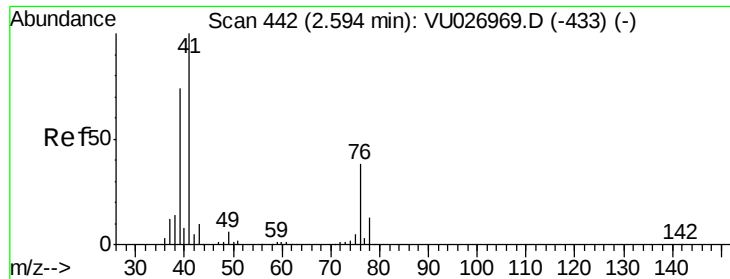
Abundance

Ion 59.00 (58.70 to 59.70): VU027239.D (-422) (-)

Ion 57.00 (56.70 to 57.70): VU027239.D (-422) (-)

2.83

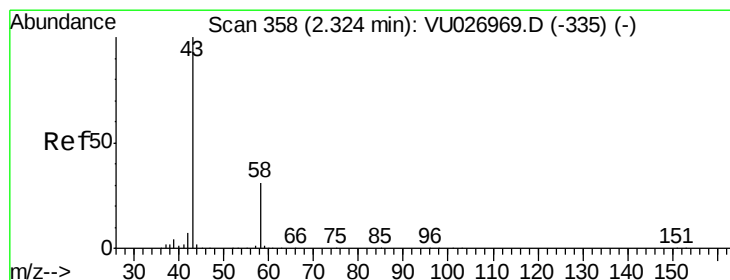
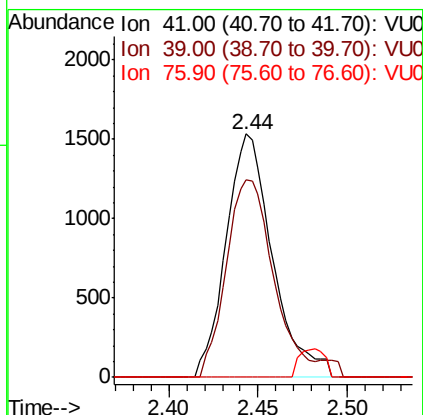
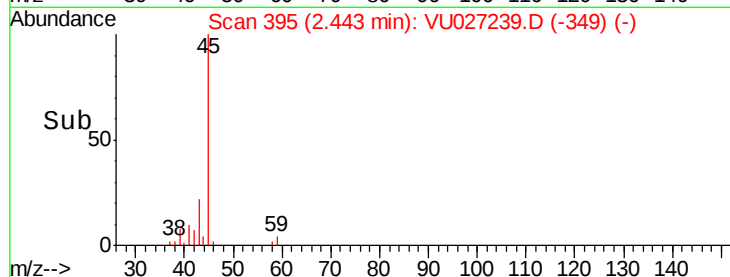
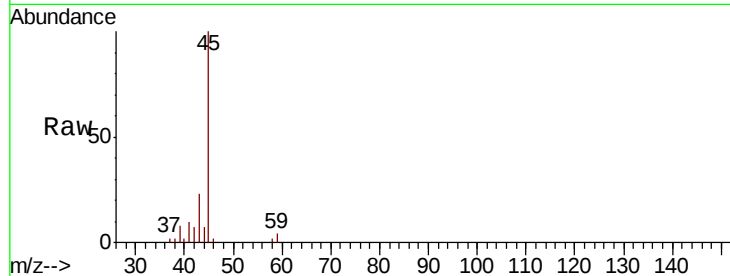
Time-->



#14
Allvl chloride
Concen: 1.076 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

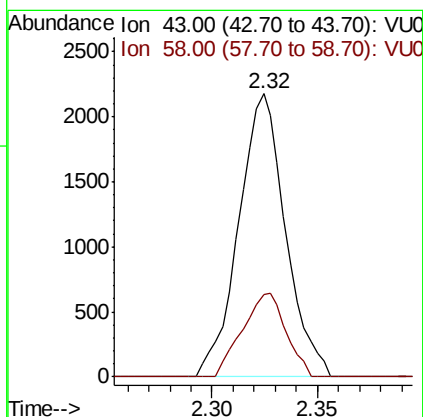
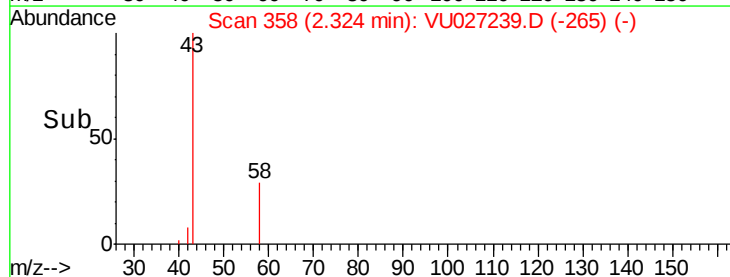
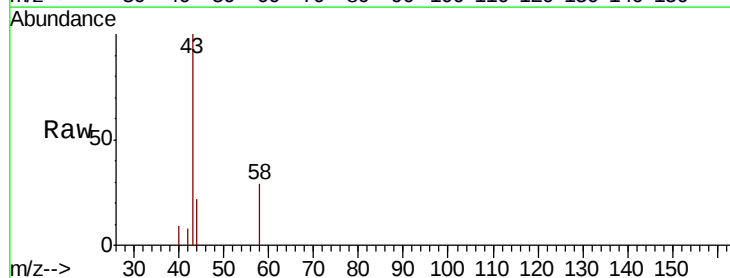
Instrument :
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BPSI-TT-MW310S-20180919

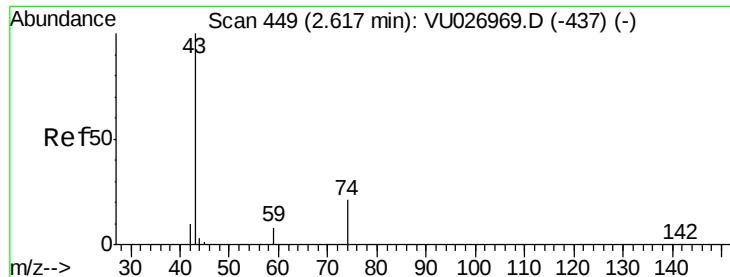
Tot Ion: 41 Resp: 2772
Ion Ratio Lower Upper
41 100
39 82.6 55.7 83.5
76 0.0 26.5 39.7#



#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

Tgt Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
58 29.0 24.6 36.8

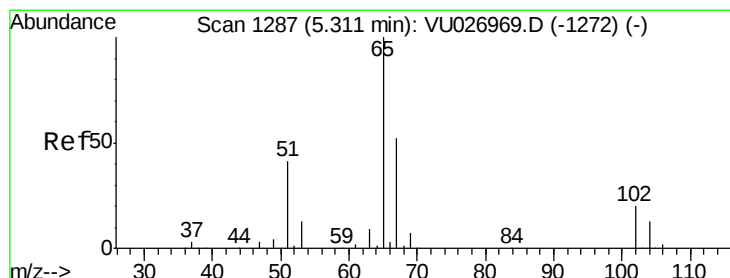
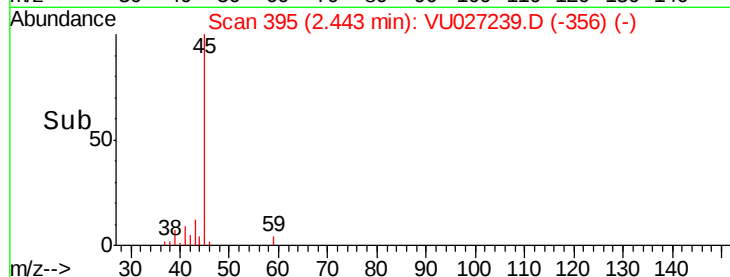
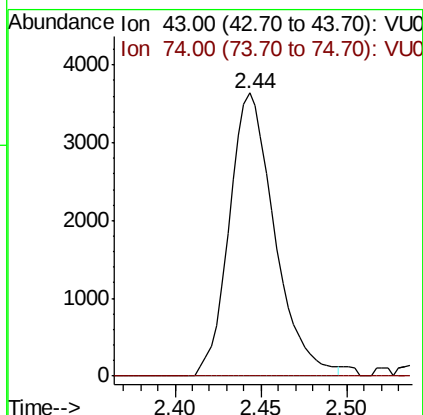
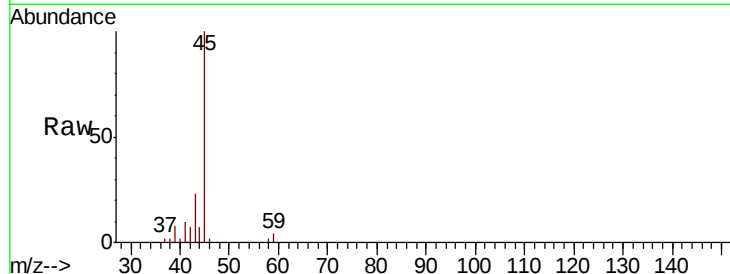




#18
Methvl Acetate
Concen: 2.543 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

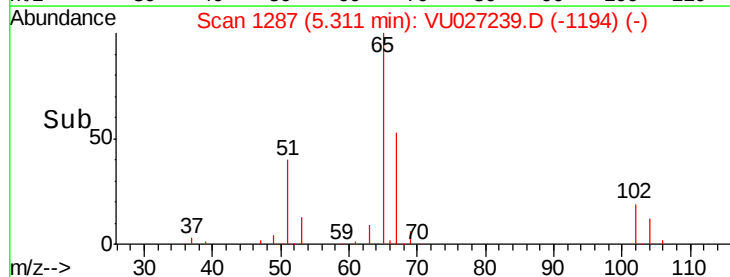
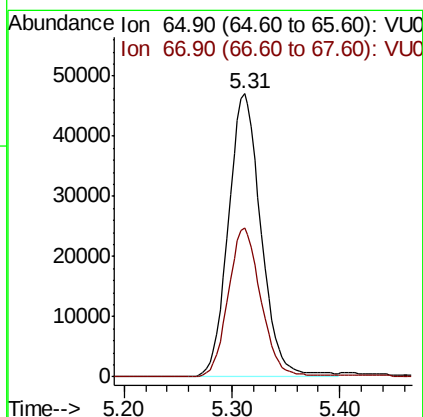
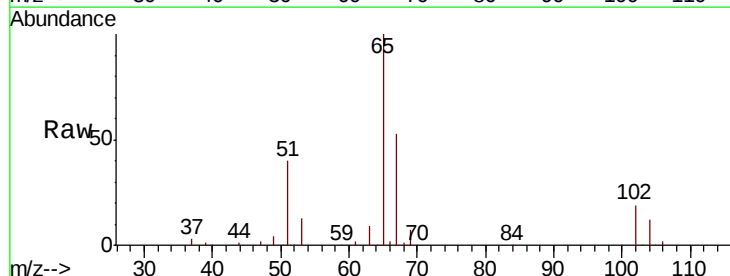
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW310S-20180919

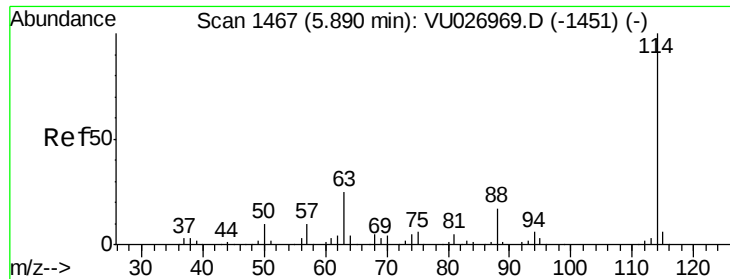
Tot Ion: 43 Resp: 6698
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#33
1,2-Dichloroethane-d4
Concen: 53.774 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

Tgt Ion: 65 Resp: 99516
Ion Ratio Lower Upper
65 100
67 52.3 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: VU027239.D

Acq: 27 Sep 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW310S-20180919

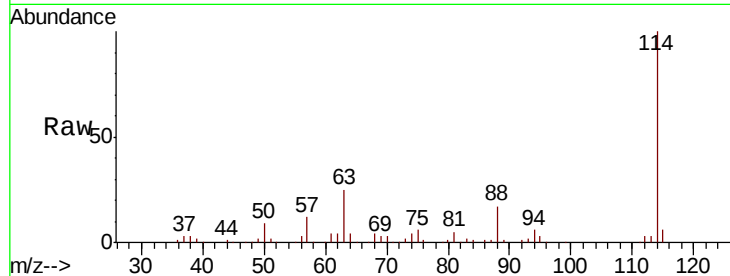
Tot Ion:114 Resp: 156016

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

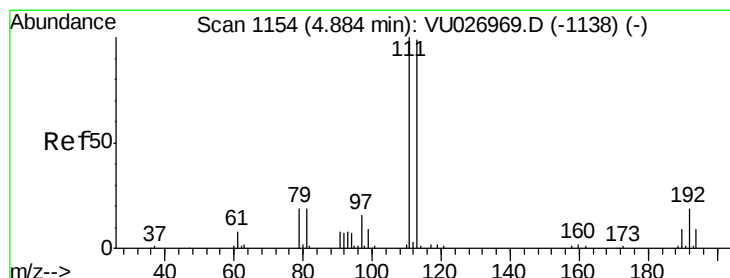
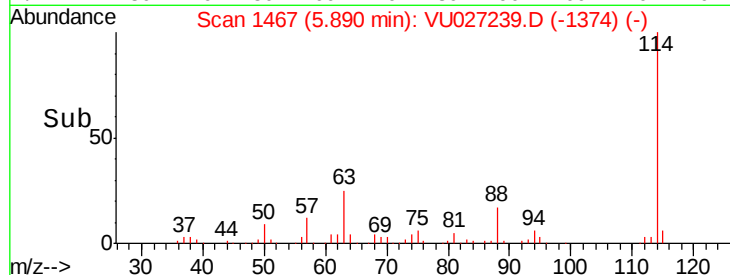
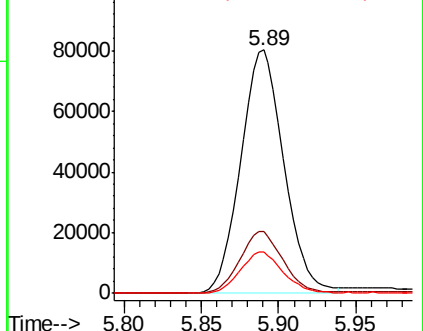
88 17.0 0.0 33.8



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: 50.928 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027239.D

Acq: 27 Sep 2018 21:23

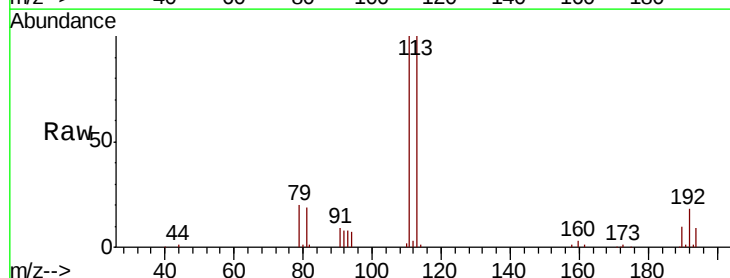
Tgt Ion:113 Resp: 68872

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

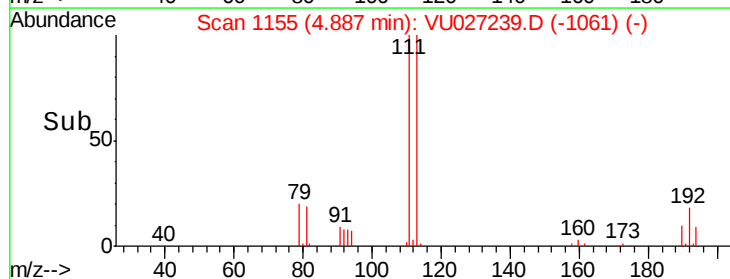
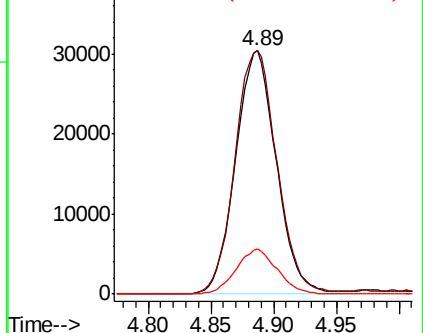
192 18.5 15.2 22.8

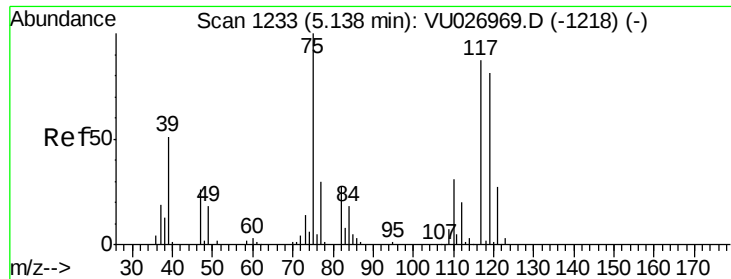


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

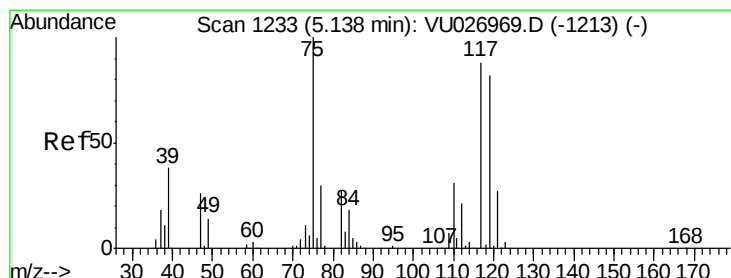
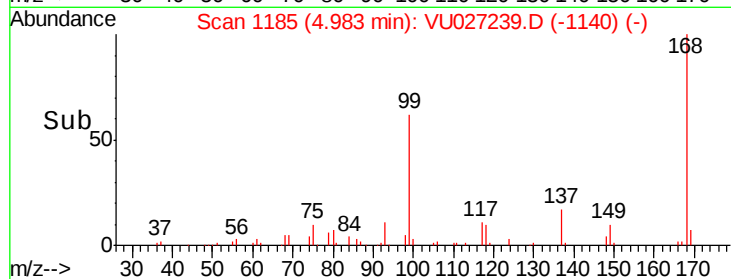
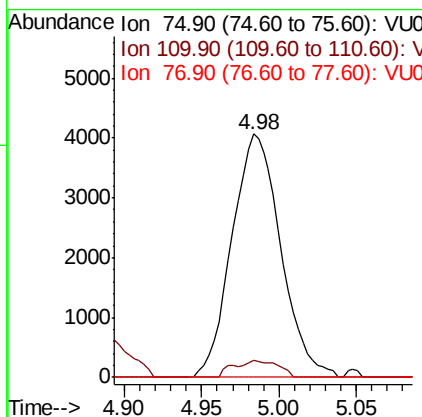
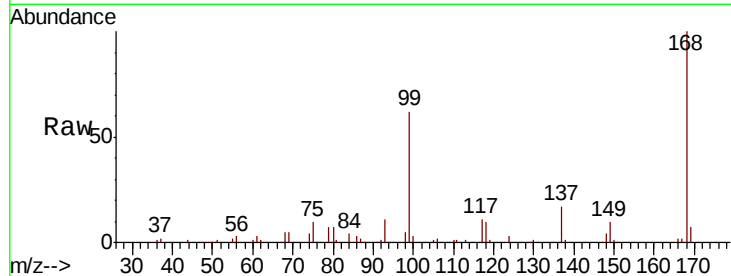




#36
 1,1-Dichloropropene
 Concen: 4.281 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027239.D
 Acq: 27 Sep 2018 21:23

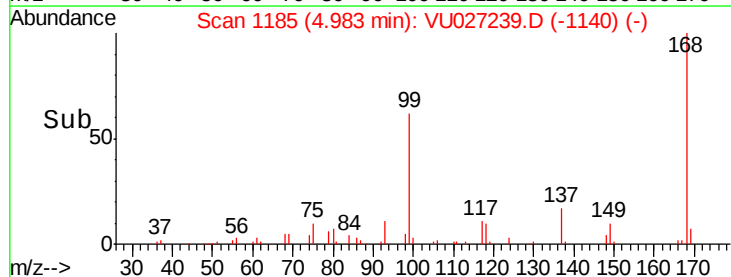
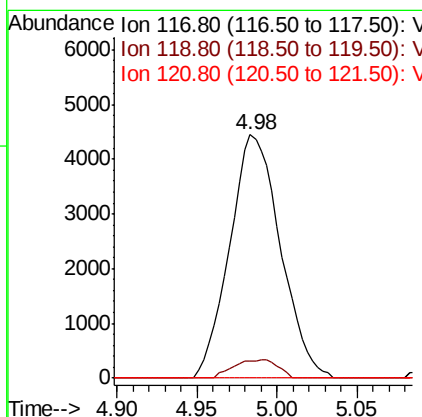
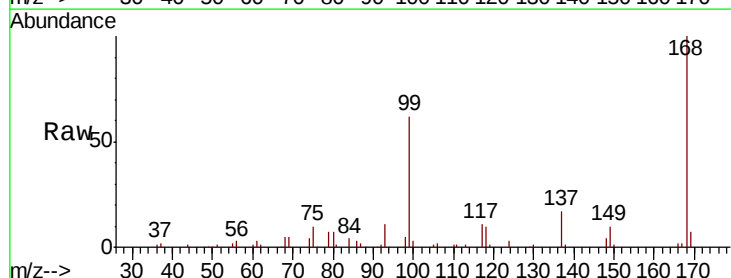
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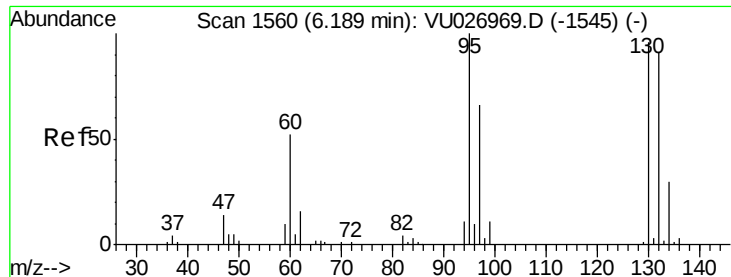
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.2	16.1	48.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.858 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027239.D
 Acq: 27 Sep 2018 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	74.4	111.6#
121	0.0	24.2	36.4#





#44

Trichloroethene

Concen: 0.327 ug/l

RT: 6.20 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VU027239.D

Acq: 27 Sep 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

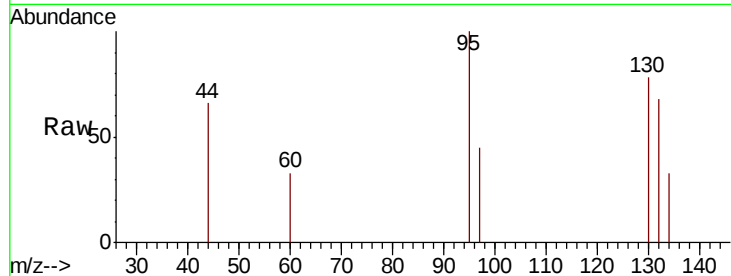
BPSI-TT-MW310S-20180919

Tot Ion:130 Resp: 441

Ion Ratio Lower Upper

130 100

95 91.3 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU027239.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027239.D (-1545) (-)

6.20

400

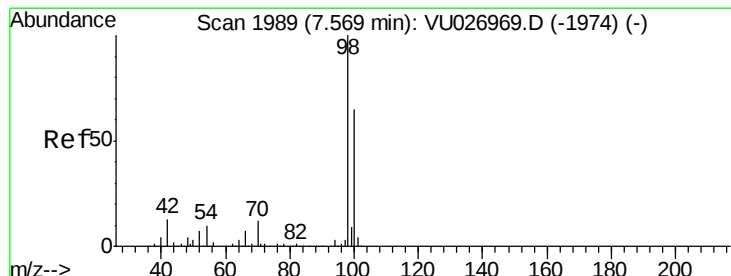
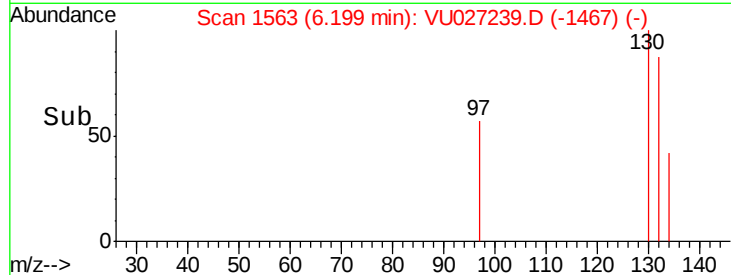
300

200

100

0

Time-->



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027239.D

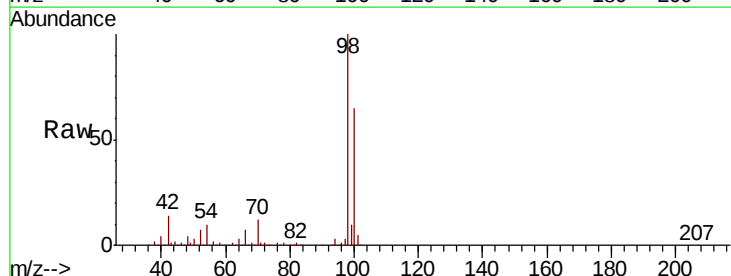
Acq: 27 Sep 2018 21:23

Tgt Ion: 98 Resp: 251015

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027239.D (-1896) (-)

Ion 100.00 (99.70 to 100.70): VU027239.D (-1896) (-)

7.57

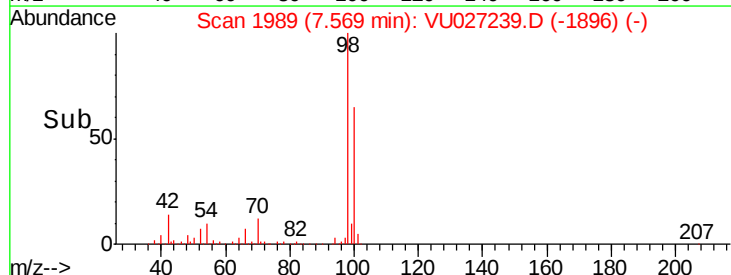
150000

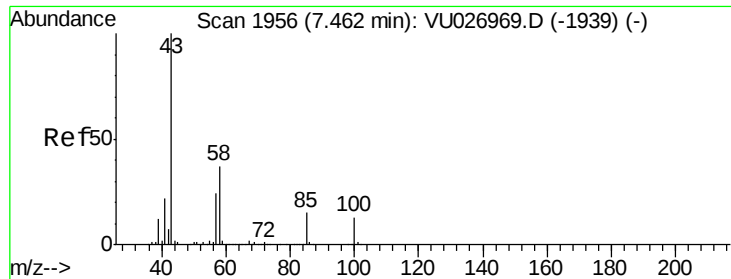
100000

50000

0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.472 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027239.D

Acq: 27 Sep 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

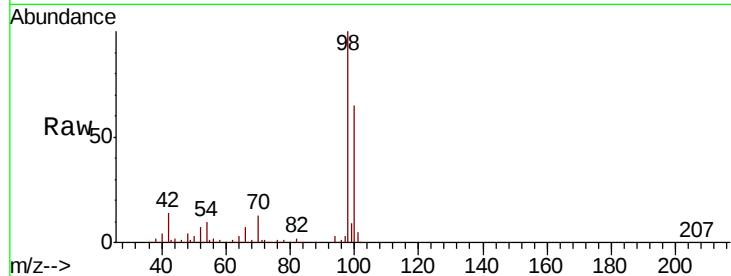
BPSI-TT-MW310S-20180919

Tot Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

58 176.9 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

1500

1000

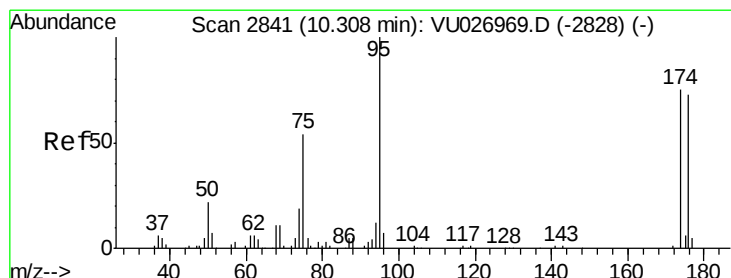
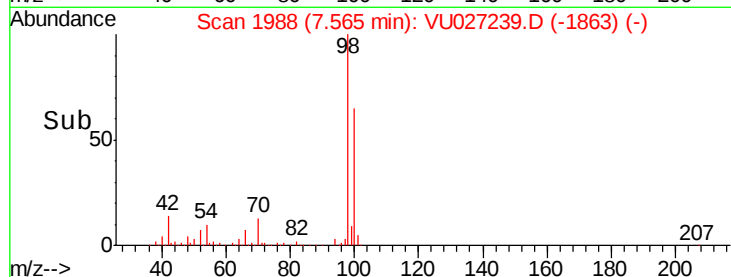
500

0

7.55 7.60

7.57

Time-->



#62

4-Bromofluorobenzene

Concen: 44.766 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027239.D

Acq: 27 Sep 2018 21:23

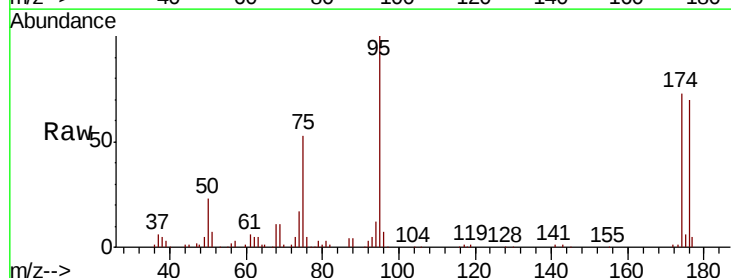
Tgt Ion: 95 Resp: 79167

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 71.0 0.0 145.2



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

60000

50000

40000

30000

20000

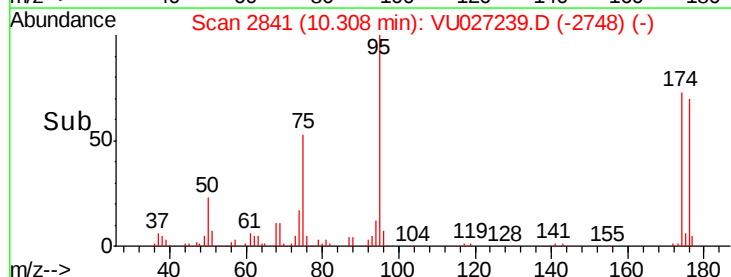
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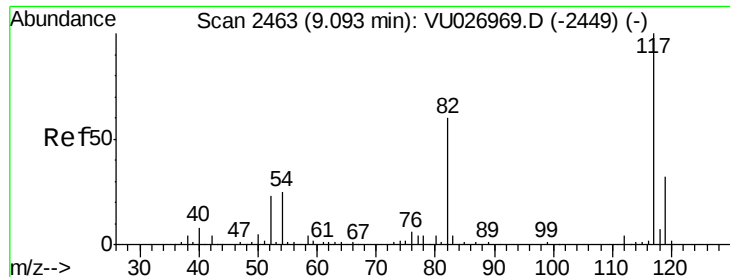
0

10.30 10.40

10.31

Time-->

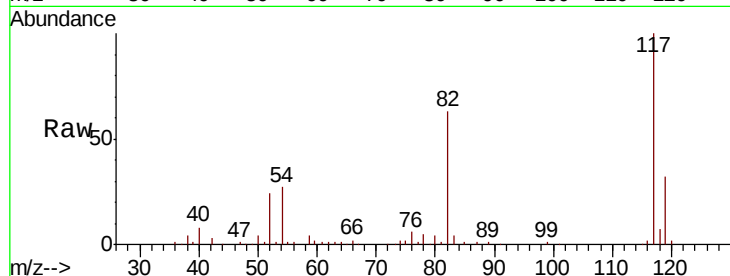




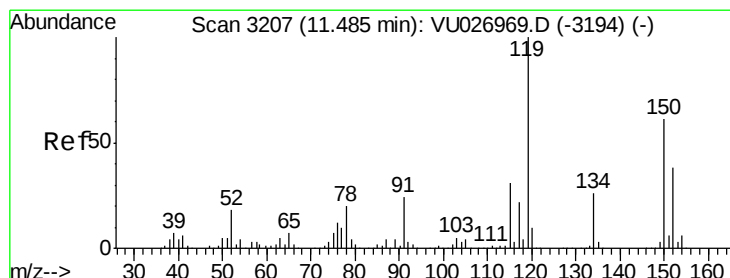
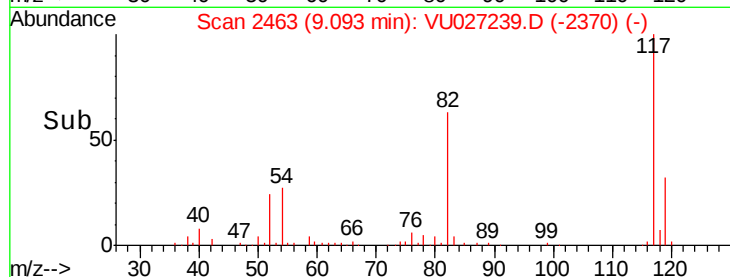
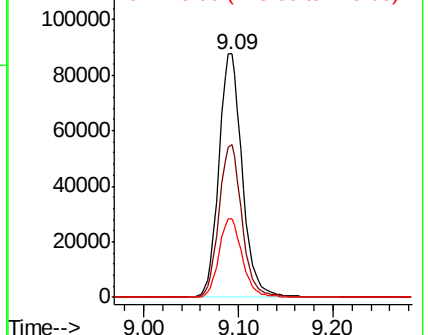
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW310S-20180919

Tot Ion:117 Resp: 150671
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 32.2 25.8 38.8

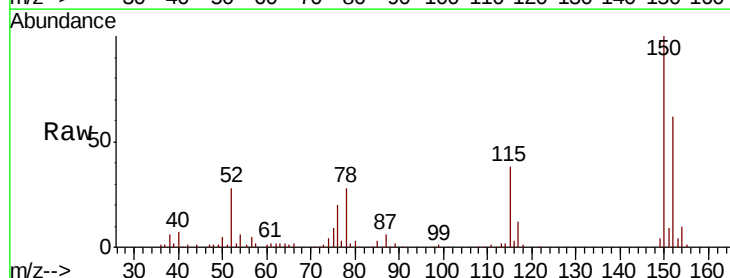


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

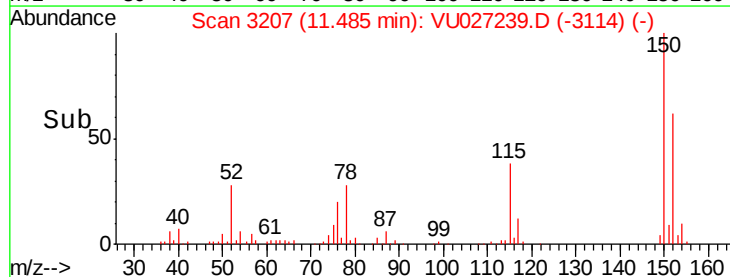
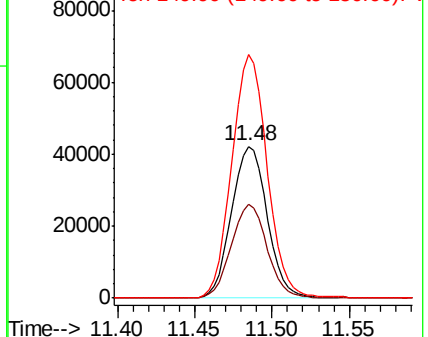


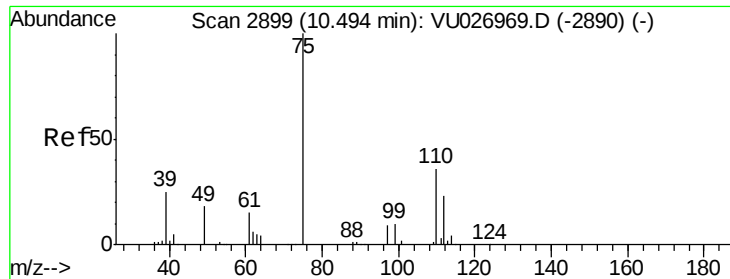
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027239.D
Acq: 27 Sep 2018 21:23

Tgt Ion:152 Resp: 67735
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 158.9 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

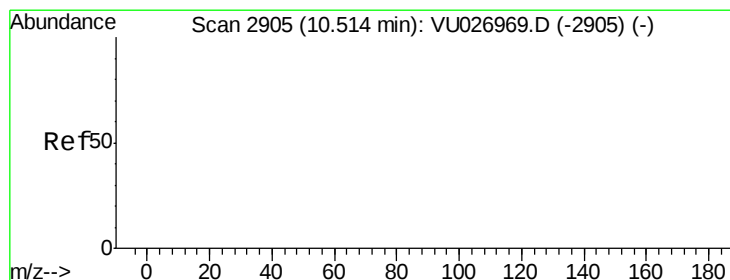
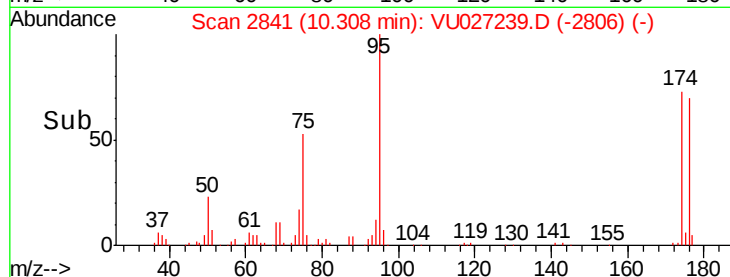
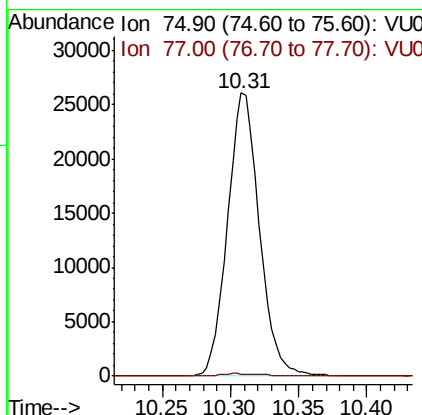
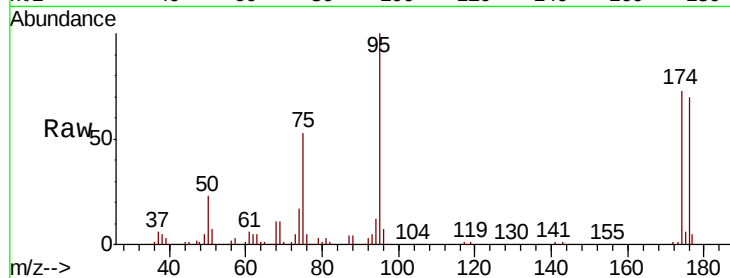




#76
 1,2,3-Trichloropropane
 Concen: 20.552 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027239.D
 Acq: 27 Sep 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW310S-20180919

Tot Ion: 75 Resp: 42292
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.771 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027239.D
 Acq: 27 Sep 2018 21:23

Tgt Ion: 75 Resp: 42292
 Ion Ratio Lower Upper
 75 100
 53 0.1 0.0 0.0#
 89 0.0 0.0 0.0

