

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026906.D
 Acq On : 19 Sep 2018 18:52
 Operator : MD/SY
 Sample : J4913-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW307I-20180913

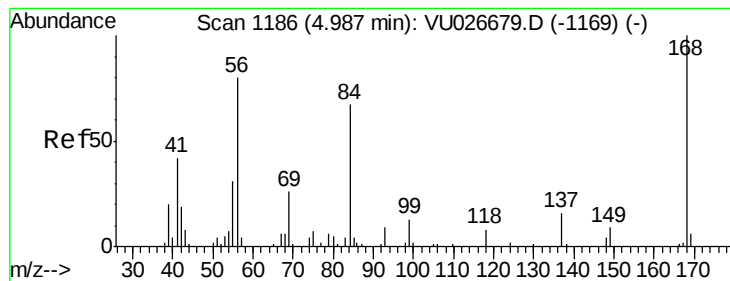
Quant Time: Sep 20 05:35:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	84033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139130	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73992	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	70202	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	4.88	113	62395	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	7.57	98	207046	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	10.31	95	69167	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	953	3.067	ug/l #	73
14) Allyl chloride	2.44	41	3334	1.919	ug/l #	73
16) Acetone	2.32	43	1350	1.871	ug/l	99
18) Methyl Acetate	2.44	43	8310	5.336	ug/l #	54
31) Cyclohexane	4.99	56	1291	0.511	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	5635	3.607	ug/l #	49
38) Carbon Tetrachloride	4.99	117	7260	4.399	ug/l #	16
44) Trichloroethene	6.19	130	626	0.521	ug/l	67
51) 4-Methyl-2-Pentanone	7.57	43	763	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	33452	20.183	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	33452	62.536	ug/l #	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026906.D

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MSVOA_U

ClientSampleId :

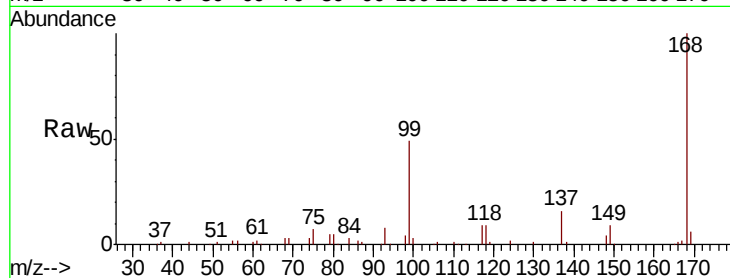
BPS1-TT-MW307I-20180913

Tgt Ion:168 Resp: 84033

Ion Ratio Lower Upper

168 100

99 49.4 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU026906.D (-1093) (-)

4.99

40000

30000

20000

10000

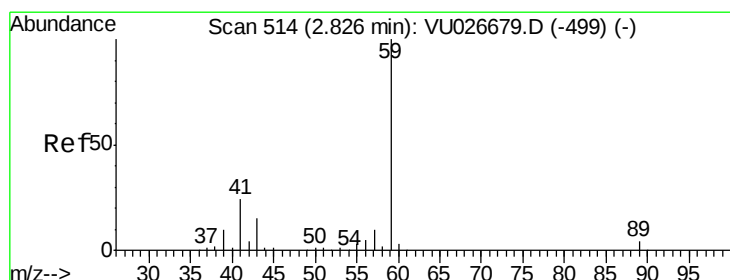
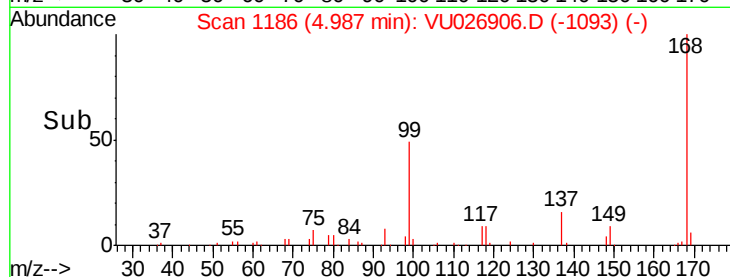
0

4.90

5.00

5.10

Time-->



#11

Tert butyl alcohol

Concen: 3.067 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU026906.D

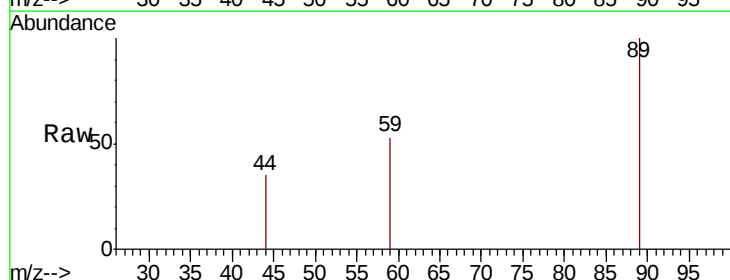
Acq: 19 Sep 2018 18:52

Tgt Ion: 59 Resp: 953

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): VU026906.D (-421) (-)

2.84

500

400

300

200

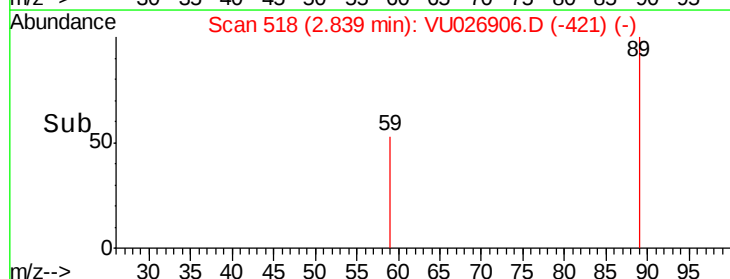
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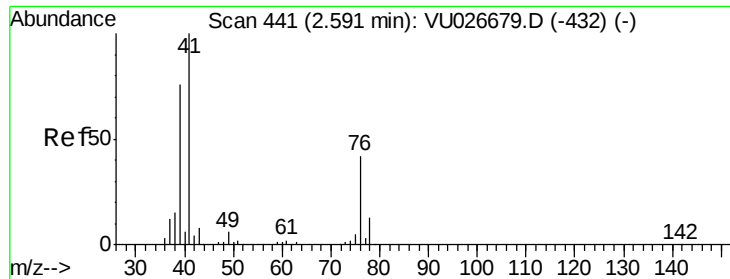
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2.80

2.85

Time-->

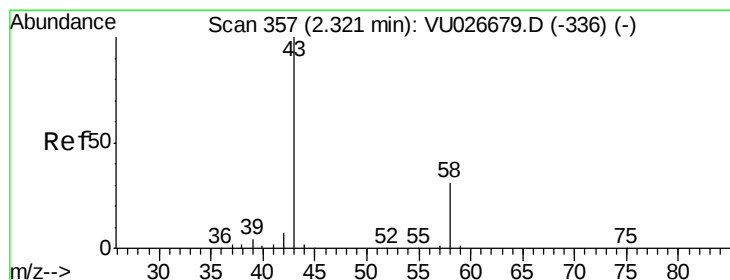
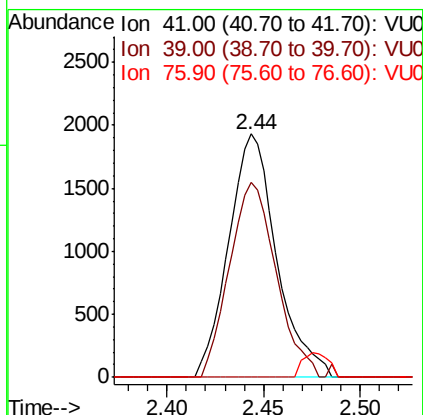
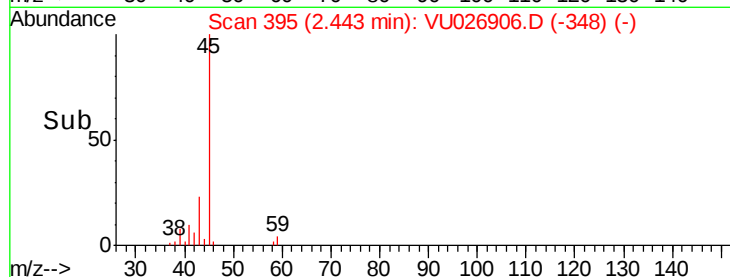
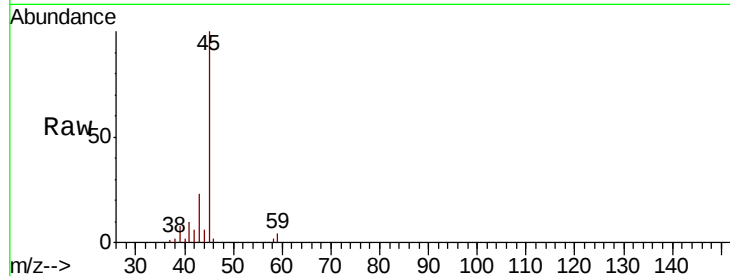




#14
 Allyl chloride
 Concen: 1.919 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

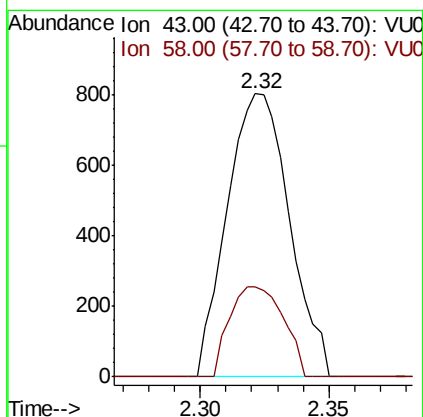
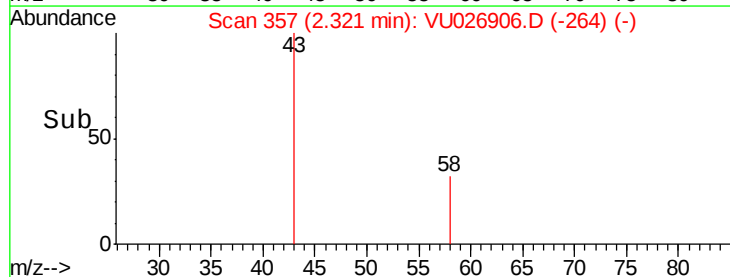
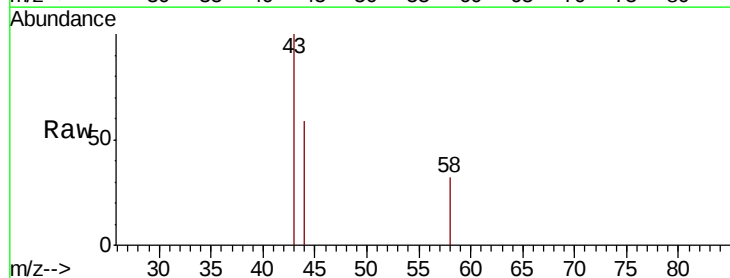
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW307I-20180913

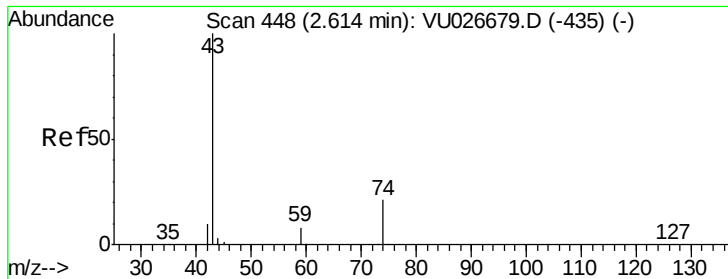
Tgt Ion: 41 Resp: 3334
 Ion Ratio Lower Upper
 41 100
 39 78.0 56.9 85.3
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 1.871 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

Tgt Ion: 43 Resp: 1350
 Ion Ratio Lower Upper
 43 100
 58 31.8 25.1 37.7

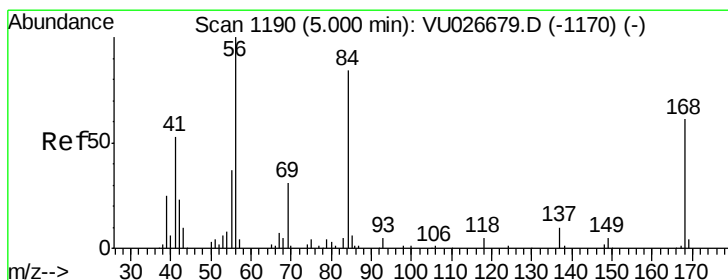
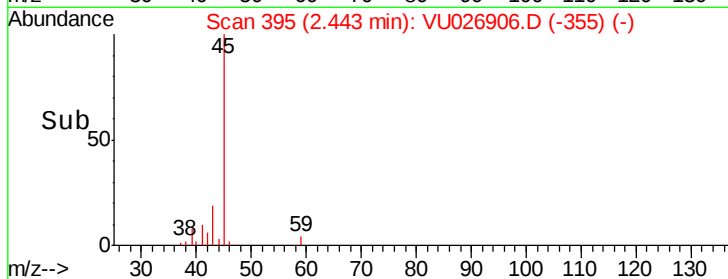
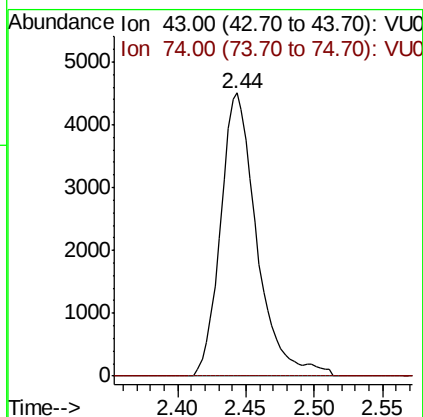
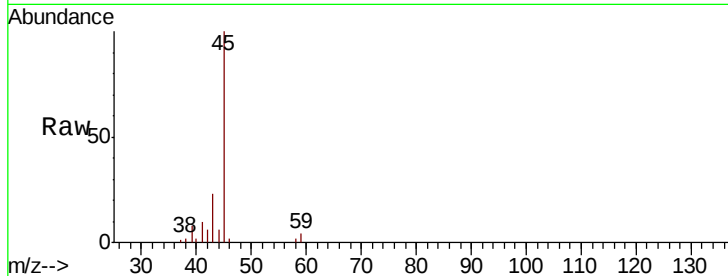




#18
Methyl Acetate
Concen: 5.336 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026906.D
Acq: 19 Sep 2018 18:52

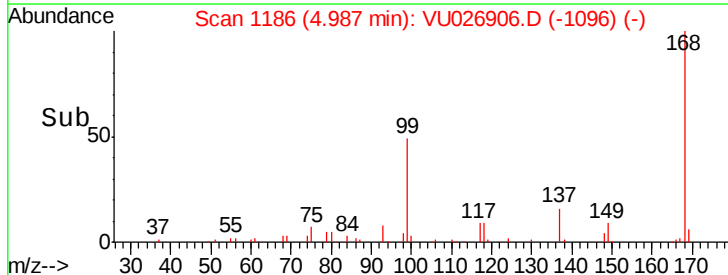
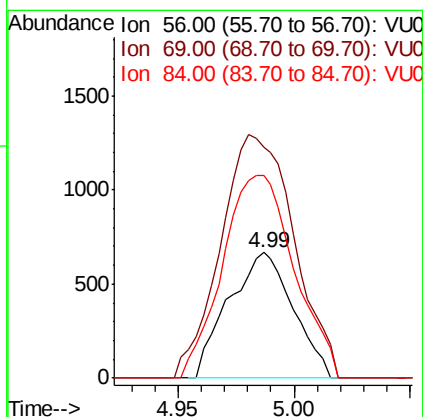
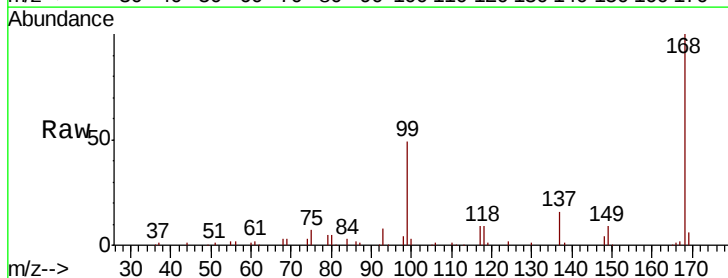
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW307I-20180913

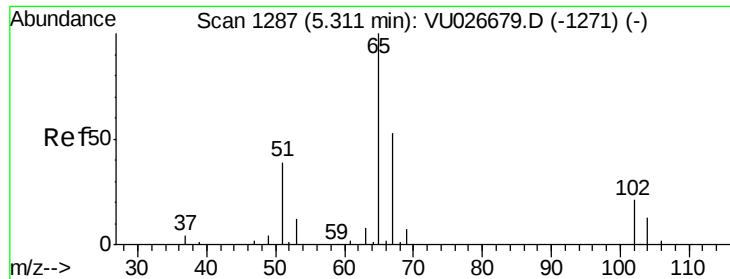
Tgt Ion: 43 Resp: 8310
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 0.511 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026906.D
Acq: 19 Sep 2018 18:52

Tgt Ion: 56 Resp: 1291
Ion Ratio Lower Upper
56 100
69 184.6 24.9 37.3#
84 161.9 66.6 100.0#

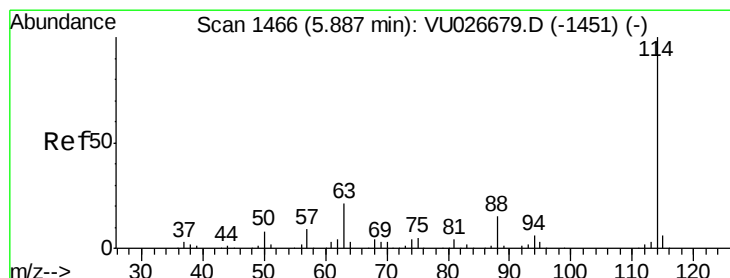
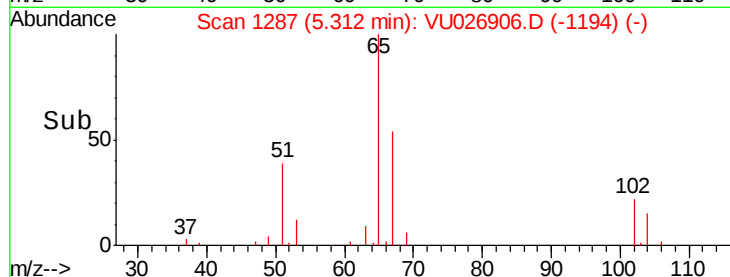
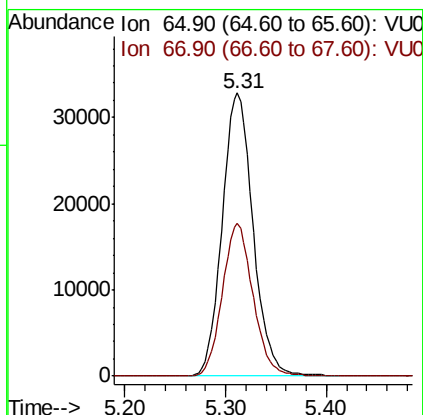
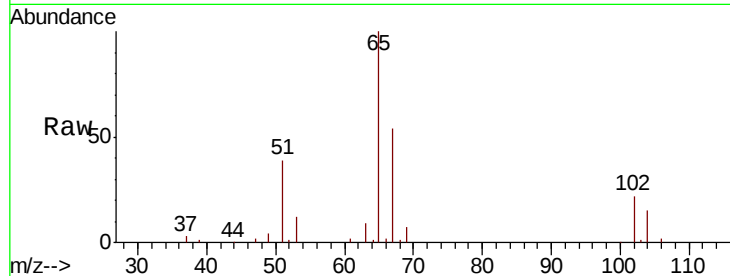




#33
 1,2-Dichloroethane-d4
 Concen: 55.072 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

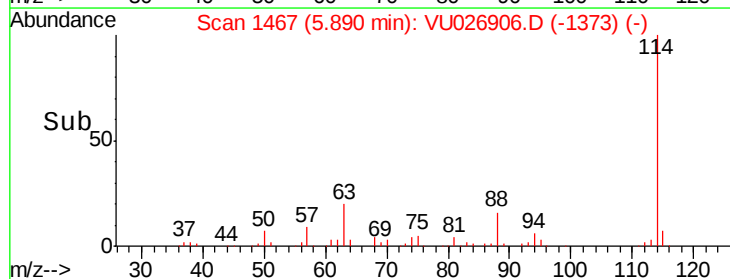
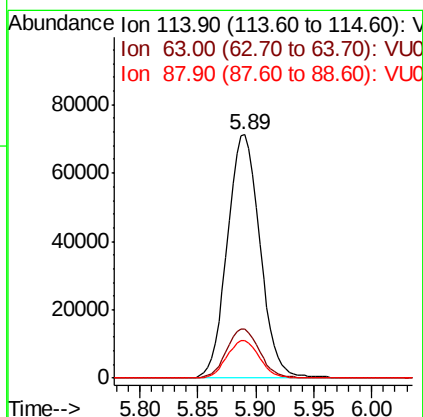
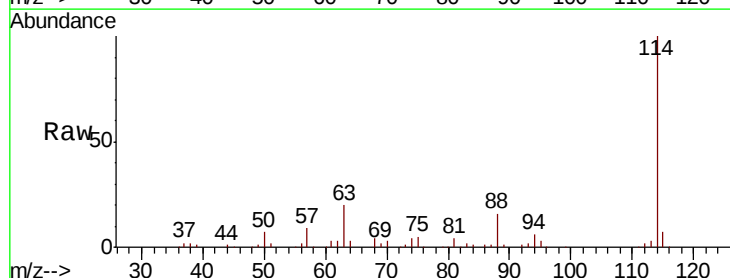
Instrument :
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 BPS1-TT-MW307I-20180913

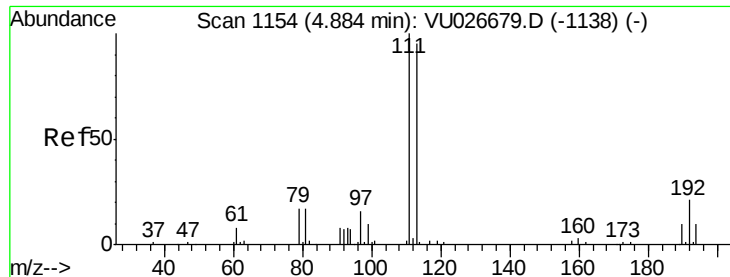
Tgt Ion: 65 Resp: 70202
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

Tgt Ion: 114 Resp: 139130
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.5 0.0 30.8

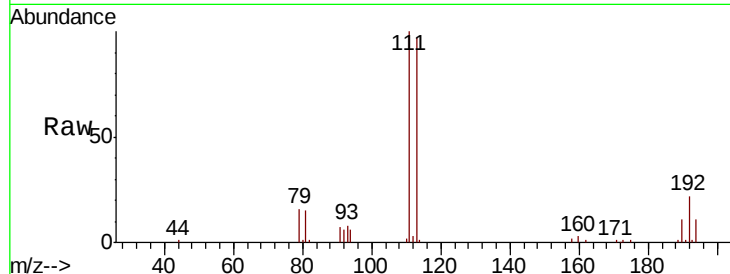




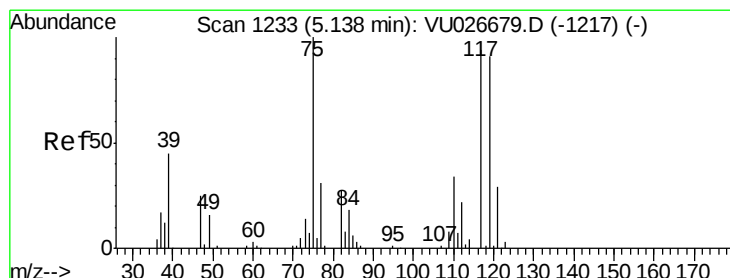
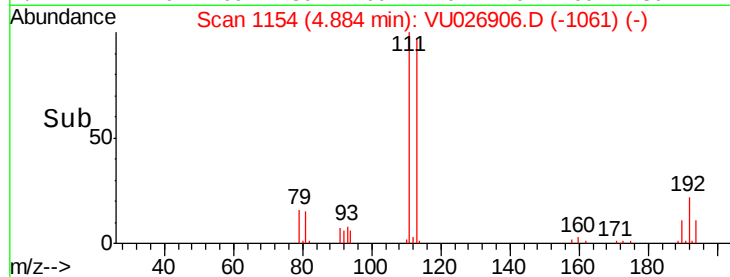
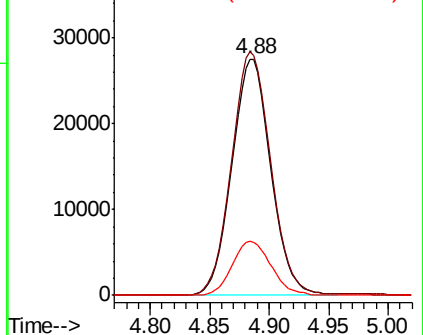
#35
 Dibromofluoromethane
 Concen: 54.979 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW307I-20180913

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	22.9	17.4	26.2

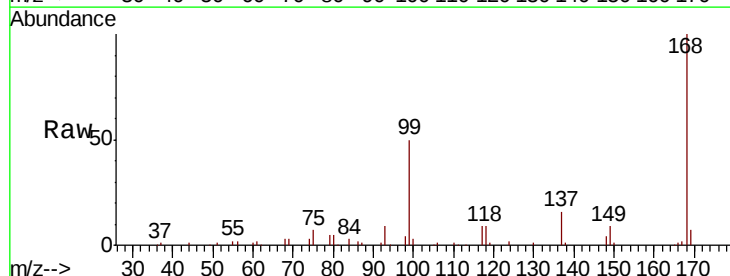


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

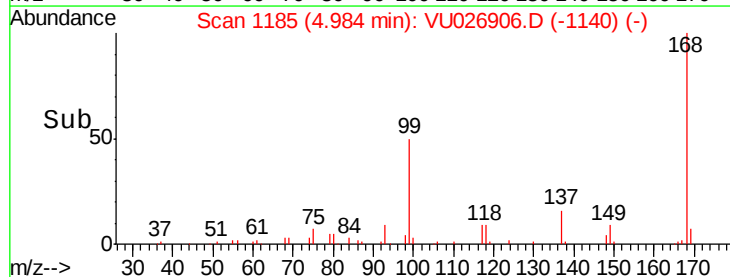
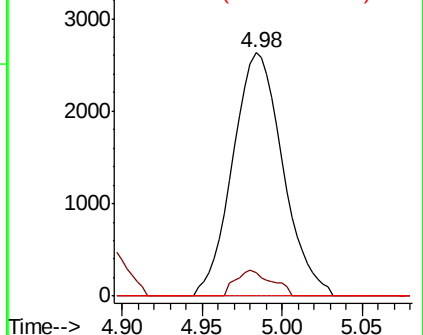


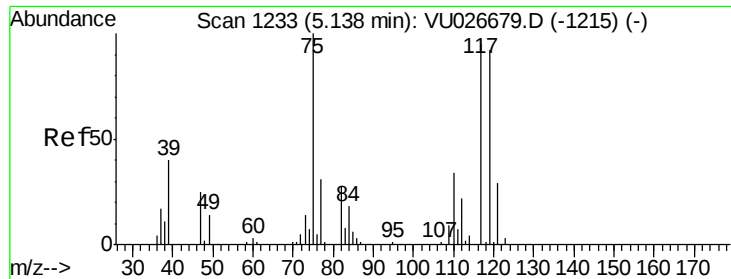
#36
 1,1-Dichloropropene
 Concen: 3.607 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	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: 4.399 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026906.D

Acq: 19 Sep 2018 18:52

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW307I-20180913

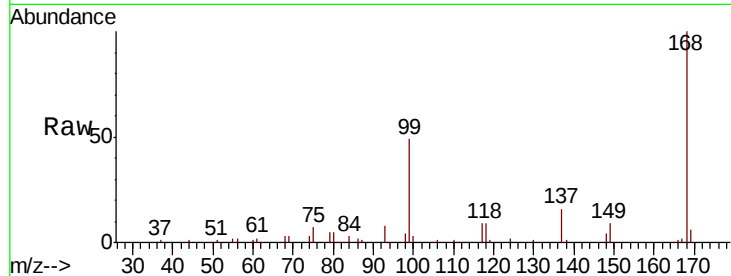
Tgt Ion:117 Resp: 7260

Ion Ratio Lower Upper

117 100

119 5.8 77.8 116.8#

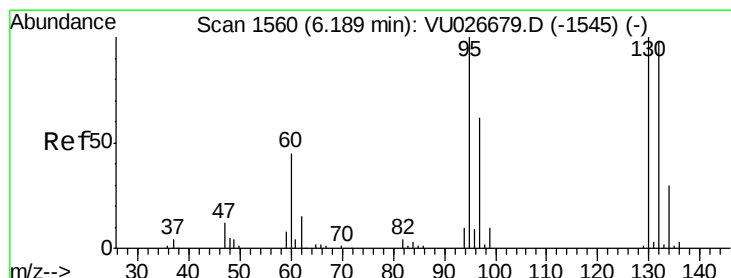
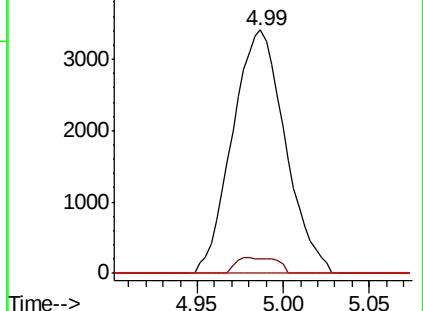
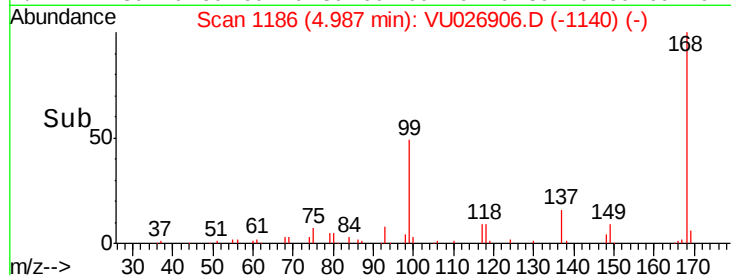
121 0.0 25.0 37.4#



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: 0.521 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU026906.D

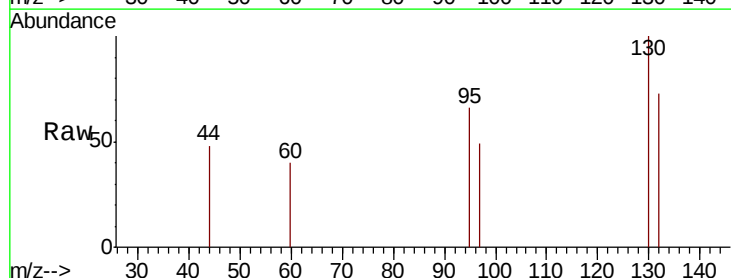
Acq: 19 Sep 2018 18:52

Tgt Ion:130 Resp: 626

Ion Ratio Lower Upper

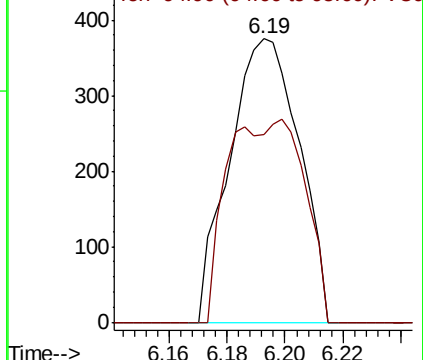
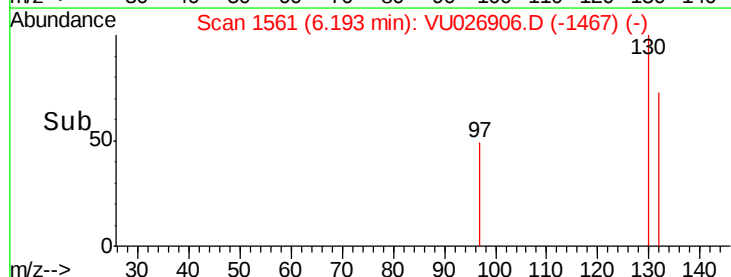
130 100

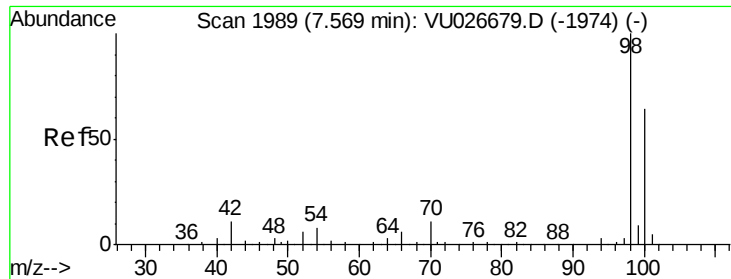
95 66.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

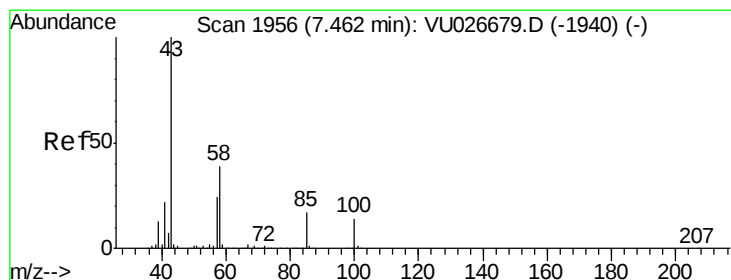
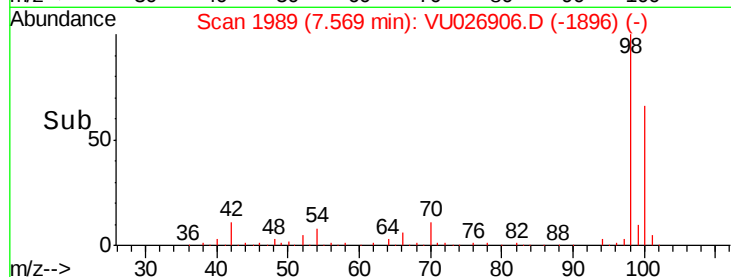
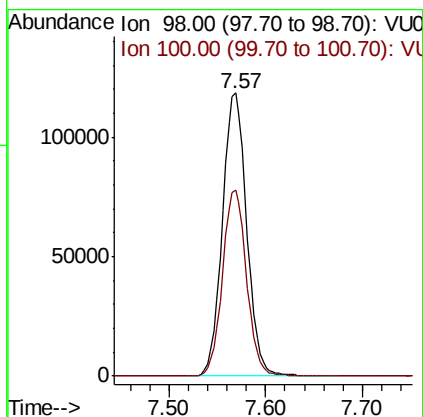
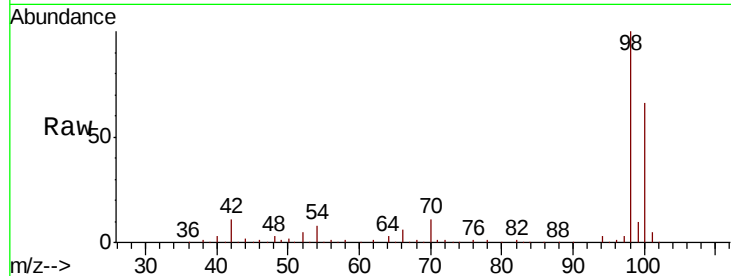




#50
Toluene-d8
Concen: 49.327 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026906.D
Acq: 19 Sep 2018 18:52

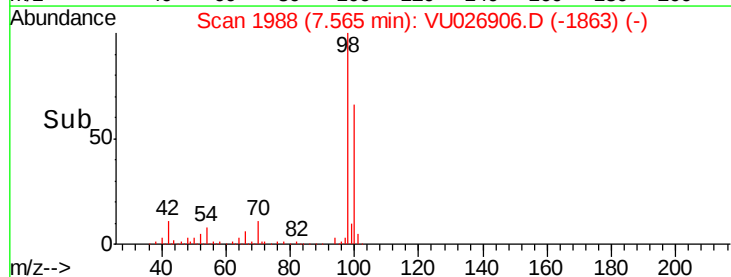
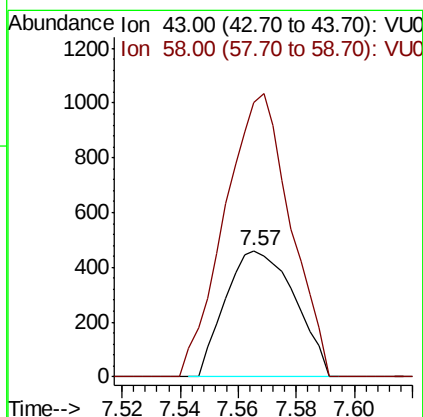
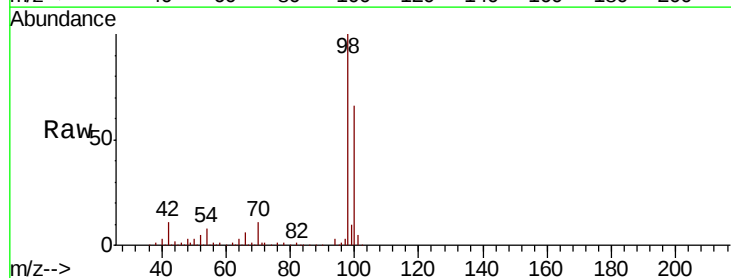
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BPS1-TT-MW307I-20180913

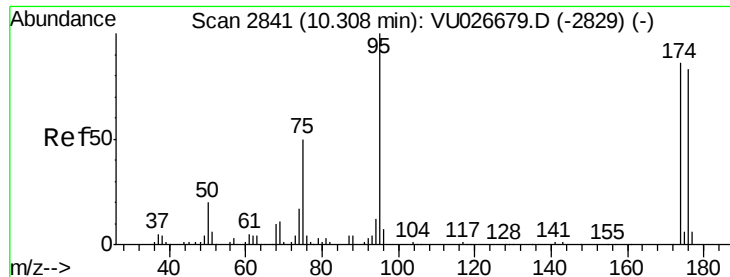
Tgt Ion: 98 Resp: 207046
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU026906.D
Acq: 19 Sep 2018 18:52

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 213.2 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 45.466 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026906.D

Acq: 19 Sep 2018 18:52

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW307I-20180913

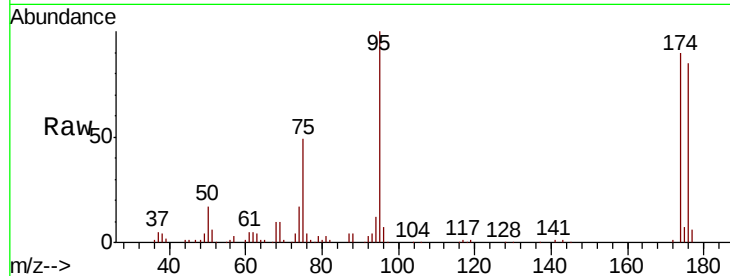
Tgt Ion: 95 Resp: 69167

Ion Ratio Lower Upper

95 100

174 92.7 0.0 172.8

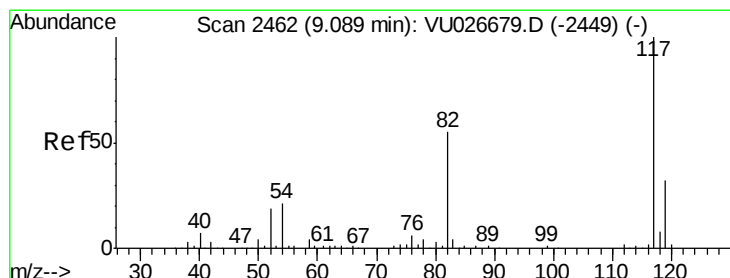
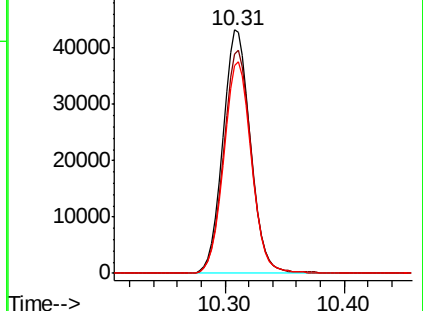
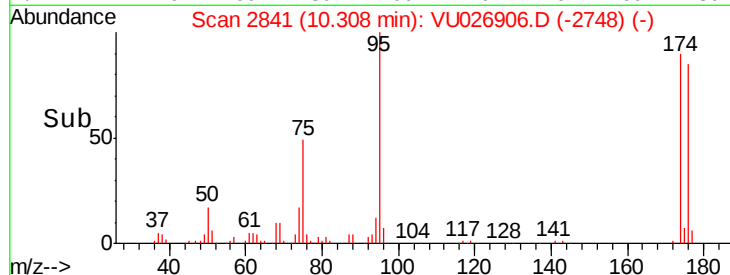
176 87.9 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VU026906.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU026906.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU026906.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU026906.D

Acq: 19 Sep 2018 18:52

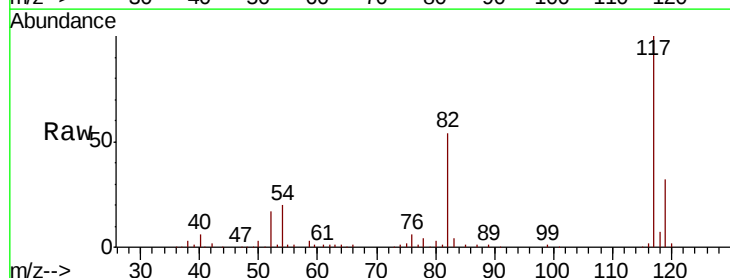
Tgt Ion: 117 Resp: 138435

Ion Ratio Lower Upper

117 100

82 54.0 44.1 66.1

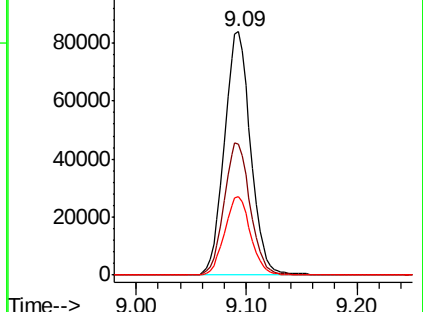
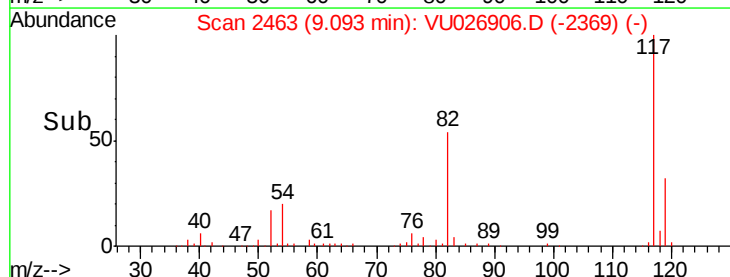
119 32.3 25.7 38.5

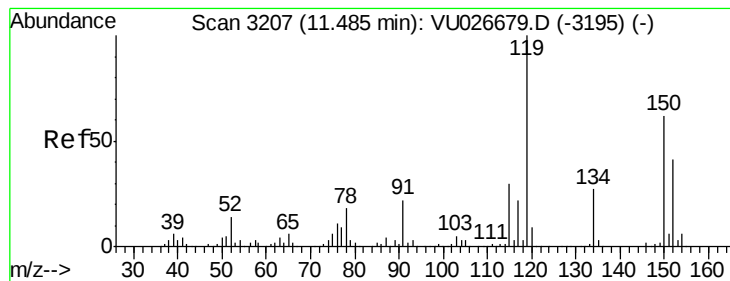


Abundance Ion 116.90 (116.60 to 117.60): VU026906.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU026906.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU026906.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026906.D

Acq: 19 Sep 2018 18:52

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW307I-20180913

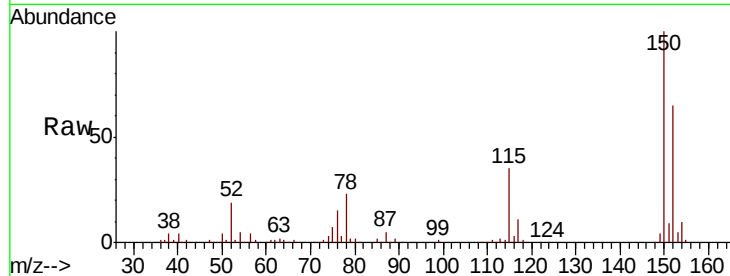
Tgt Ion:152 Resp: 73992

Ion Ratio Lower Upper

152 100

115 54.4 40.4 121.1

150 156.2 0.0 345.2

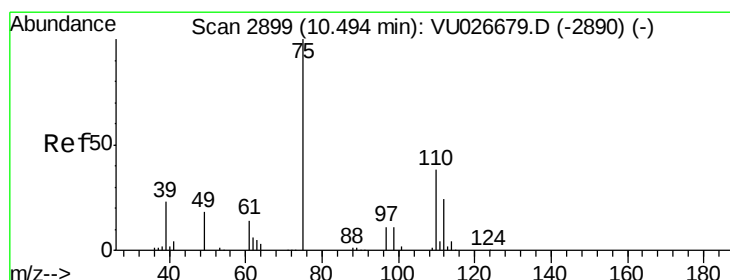
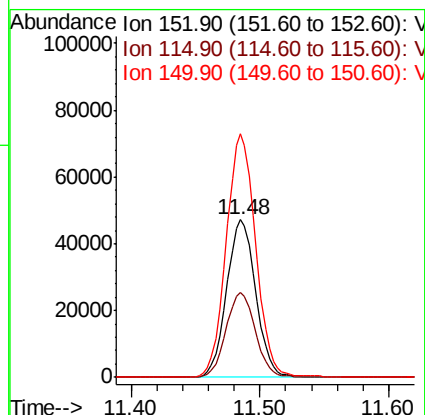
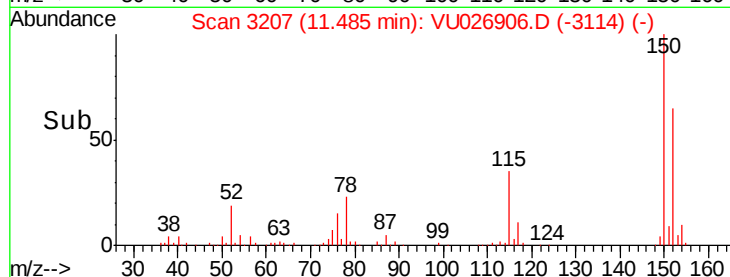


Abundance

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: 20.183 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU026906.D

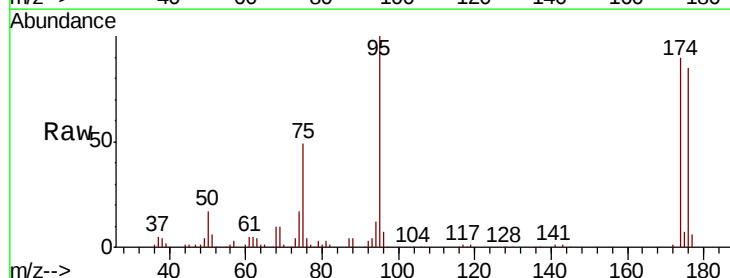
Acq: 19 Sep 2018 18:52

Tgt Ion: 75 Resp: 33452

Ion Ratio Lower Upper

75 100

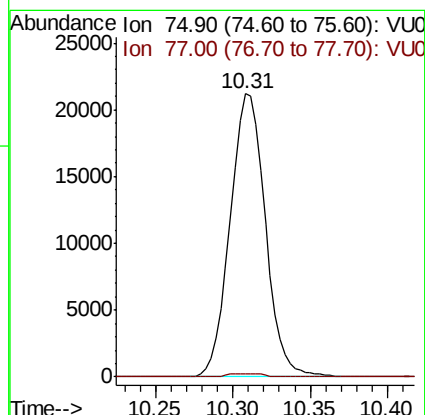
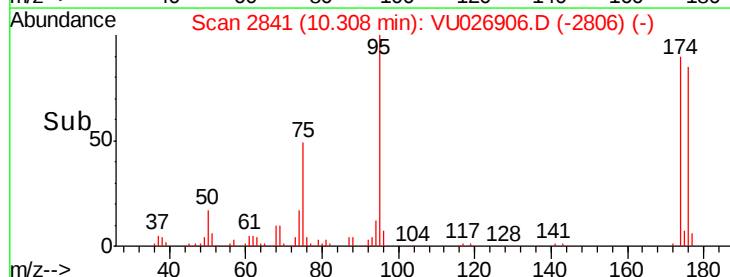
77 1.1 21.1 63.1#

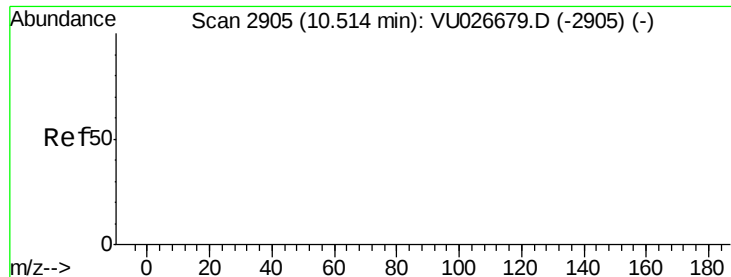


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.536 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU026906.D
 Acq: 19 Sep 2018 18:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW307I-20180913

Tgt Ion:	75	Resp:	33452
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

