

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028659.D
 Acq On : 12 Dec 2018 17:59
 Operator : MD/SY
 Sample : J6343-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP05-20181209

Quant Time: Dec 13 00:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	87204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158294	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53983	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	72838	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.46%		
35) Dibromofluoromethane	4.88	113	52810	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.02%		
50) Toluene-d8	7.56	98	203404	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.24%		
62) 4-Bromofluorobenzene	10.30	95	67632	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.84%		

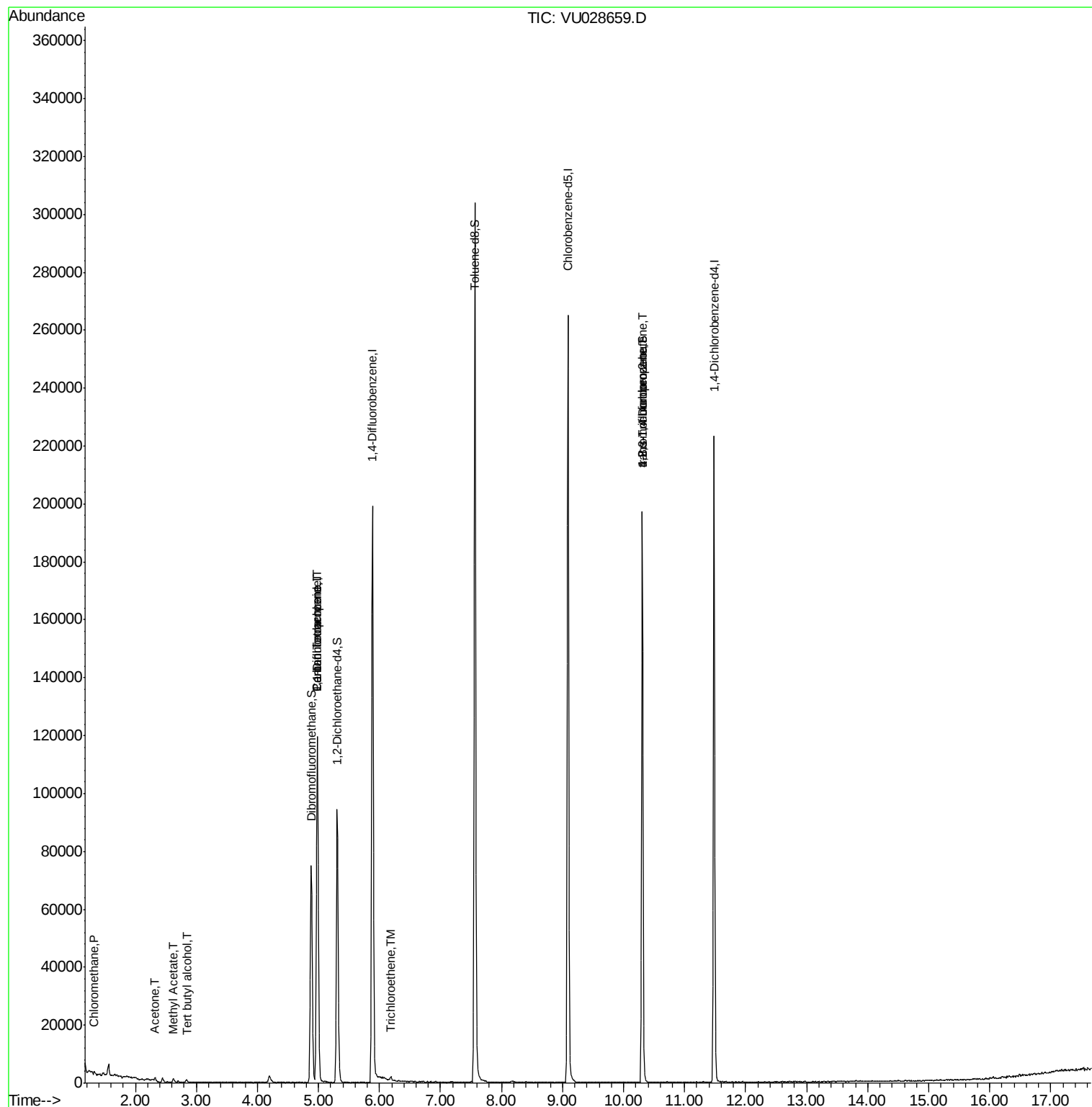
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	948	0.441	ug/l #	81
11) Tert butyl alcohol	2.84	59	669	2.256	ug/l #	73
16) Acetone	2.32	43	1426	1.642	ug/l	94
18) Methyl Acetate	2.62	43	1983	0.881	ug/l #	83
31) Cyclohexane	4.98	56	2028	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7910	4.566	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9142	6.548	ug/l #	15
44) Trichloroethene	6.19	130	400	0.353	ug/l	75
76) 1,2,3-Trichloropropane	10.30	75	34563	25.074	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	34563	61.526	ug/l #	100

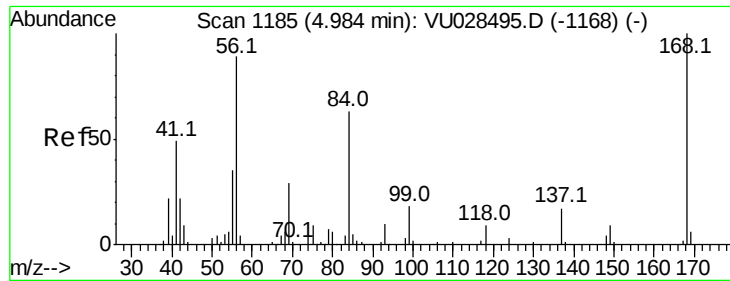
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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Quant Time: Dec 13 00:49:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

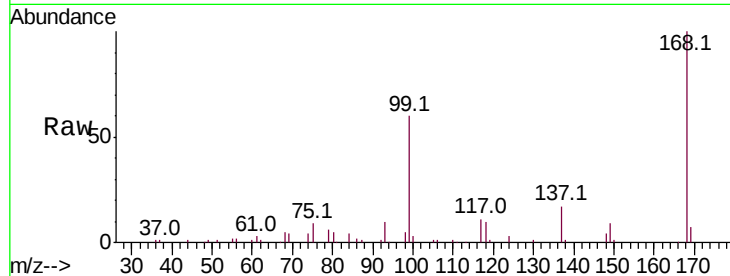
BP-DUP05-20181209

Tot Ion:168 Resp: 87204

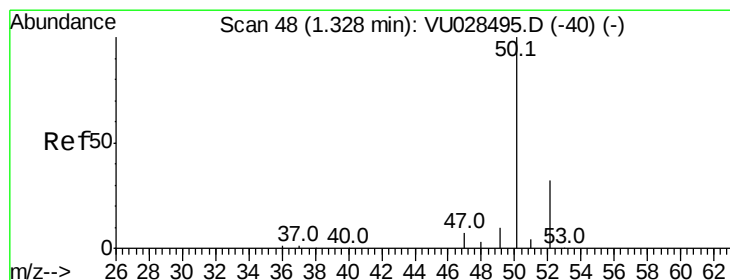
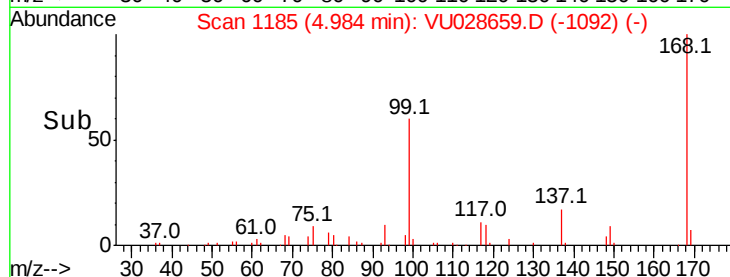
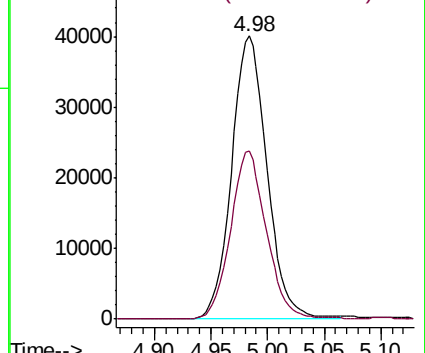
Ion Ratio Lower Upper

168 100

99 59.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.441 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028659.D

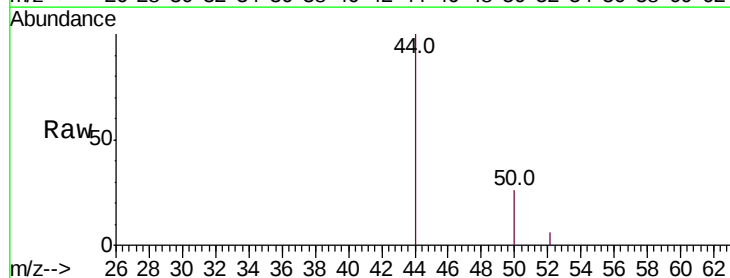
Acq: 12 Dec 2018 17:59

Tgt Ion: 50 Resp: 948

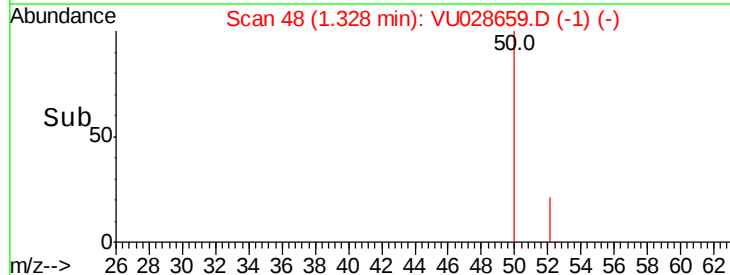
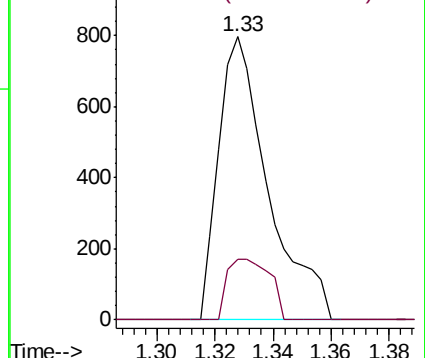
Ion Ratio Lower Upper

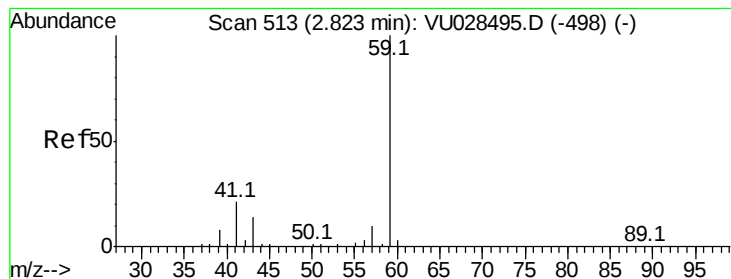
50 100

52 21.2 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)



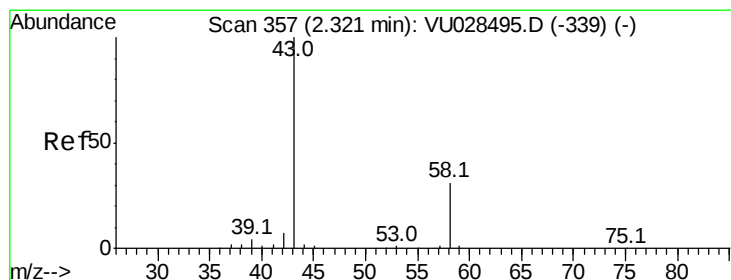
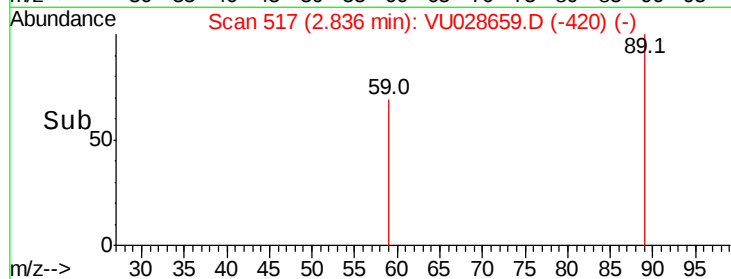
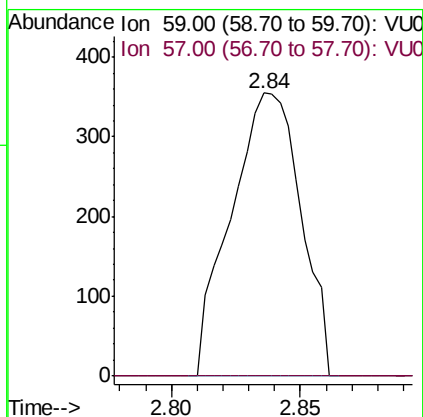
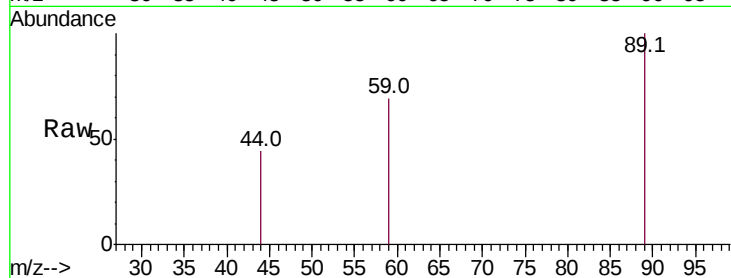


#11

Tert butyl alcohol
 Concen: 2.256 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028659.D
 Acq: 12 Dec 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP05-20181209

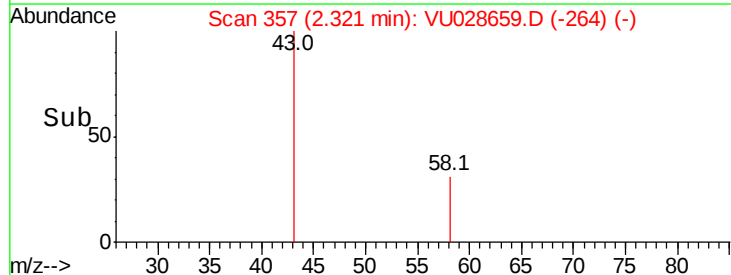
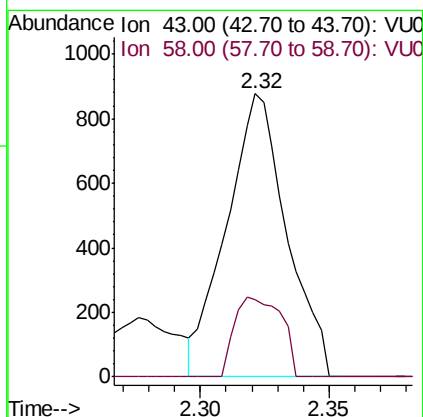
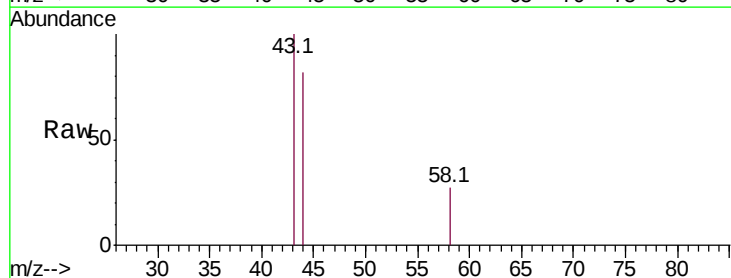
Tot Ion: 59 Resp: 669
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

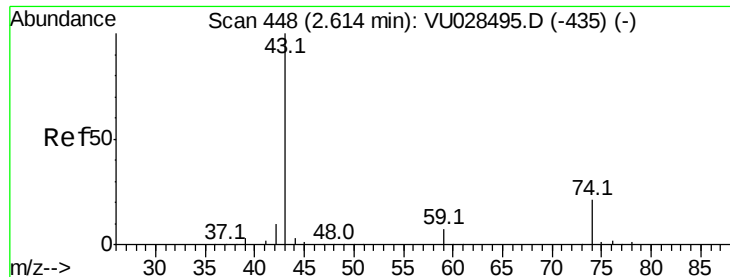


#16

Acetone
 Concen: 1.642 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028659.D
 Acq: 12 Dec 2018 17:59

Tgt Ion: 43 Resp: 1426
 Ion Ratio Lower Upper
 43 100
 58 27.3 24.6 37.0

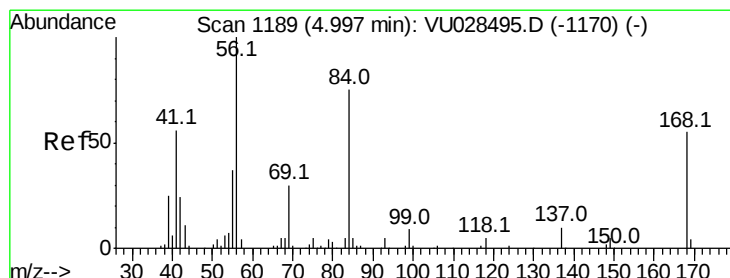
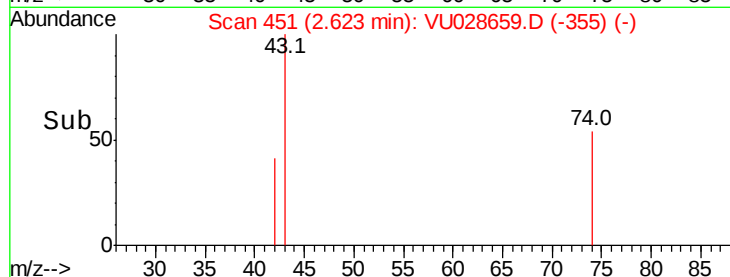
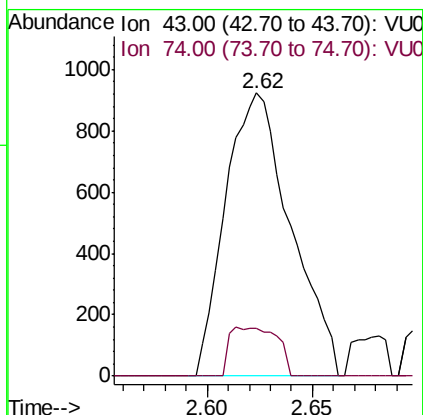
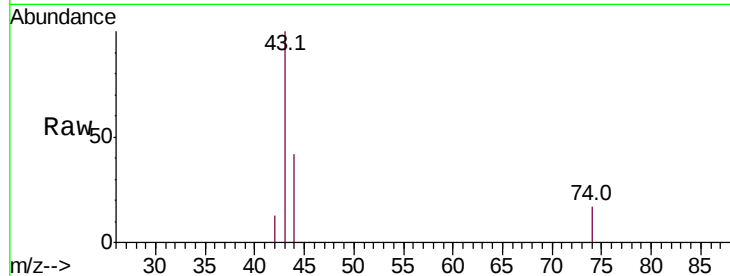




#18
Methvl Acetate
Concen: 0.881 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028659.D
Acq: 12 Dec 2018 17:59

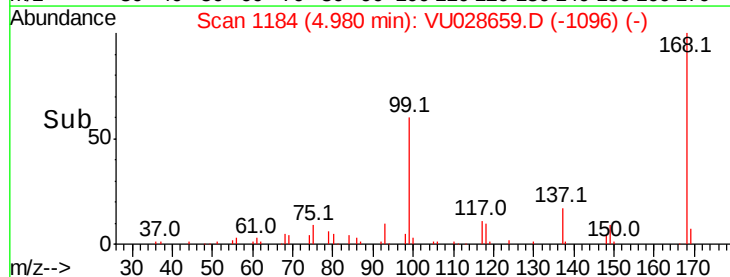
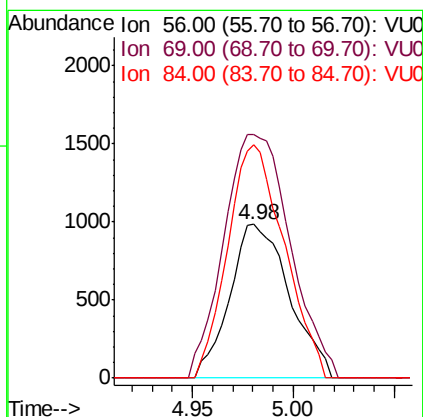
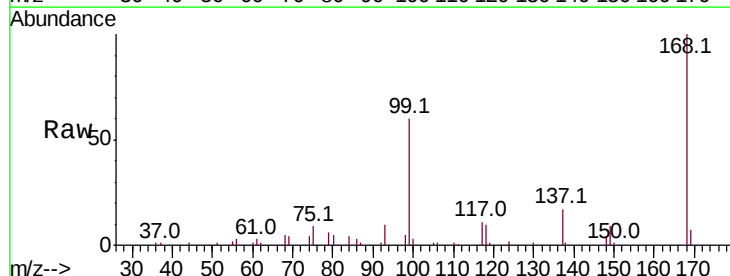
Instrument :
MSVOA_U
ClientSampleId :
BP-DUP05-20181209

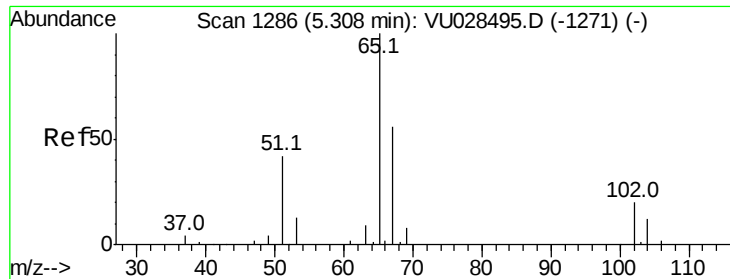
Tot Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
74 12.5 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028659.D
Acq: 12 Dec 2018 17:59

Tgt Ion: 56 Resp: 2028
Ion Ratio Lower Upper
56 100
69 158.1 24.0 36.0#
84 151.4 59.7 89.5#

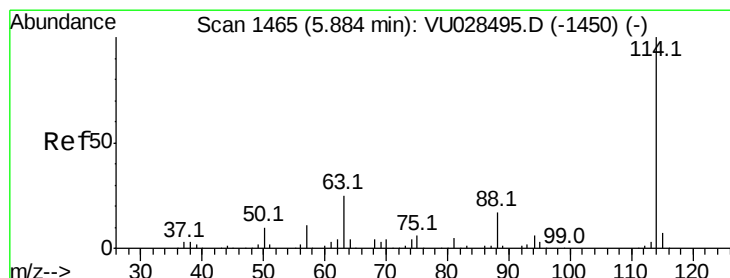
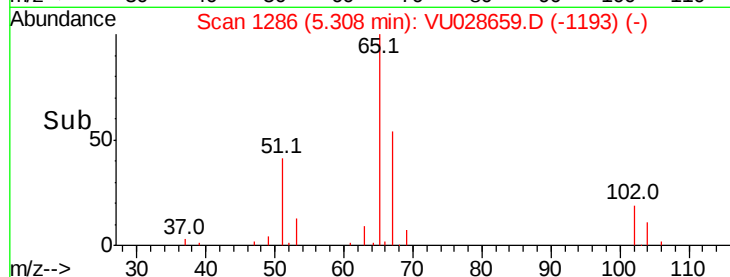
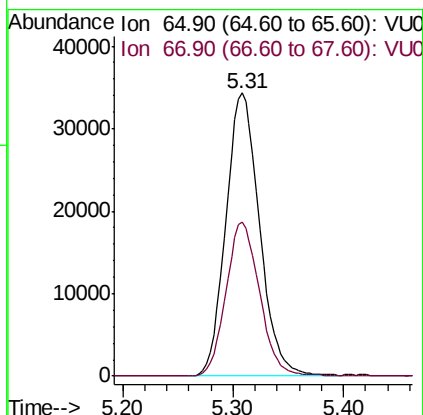
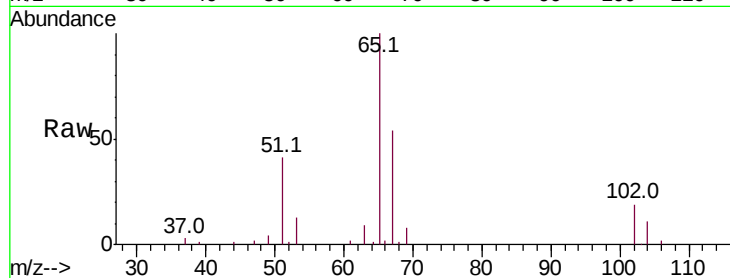




#33
 1,2-Dichloroethane-d4
 Concen: 54.733 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028659.D
 Acq: 12 Dec 2018 17:59

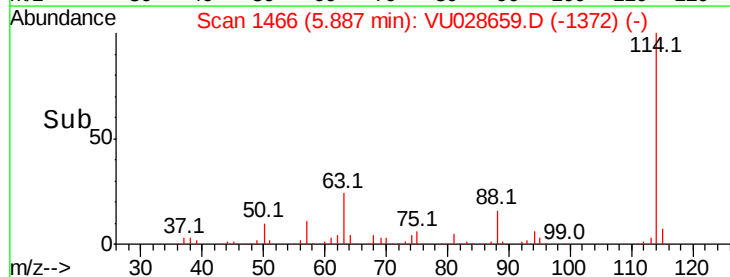
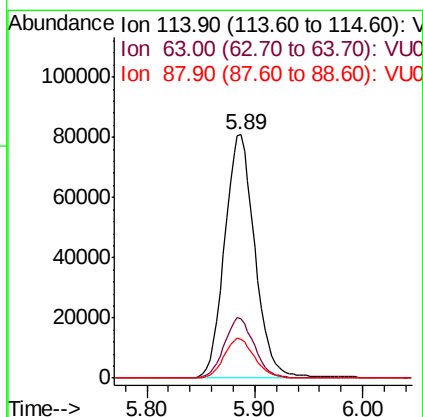
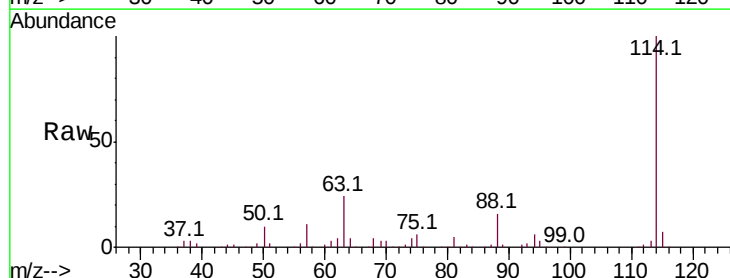
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP05-20181209

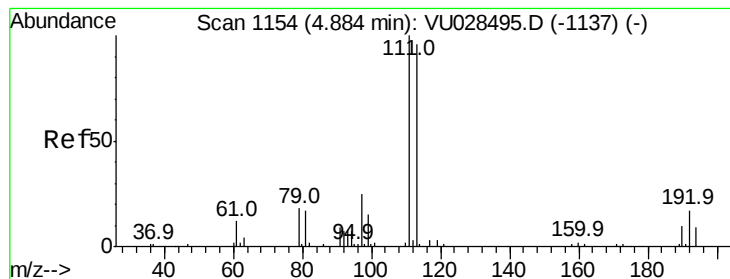
Tot Ion: 65 Resp: 72838
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028659.D
 Acq: 12 Dec 2018 17:59

Tgt Ion: 114 Resp: 158294
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.014 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP05-20181209

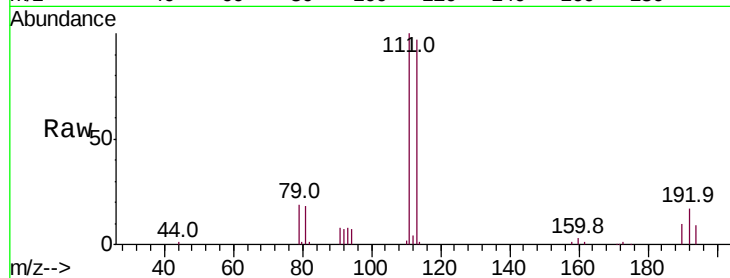
Tot Ion:113 Resp: 52810

Ion Ratio Lower Upper

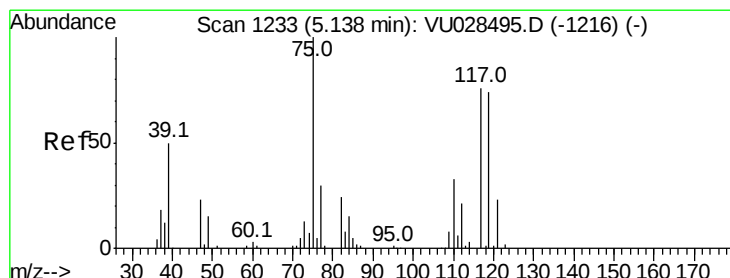
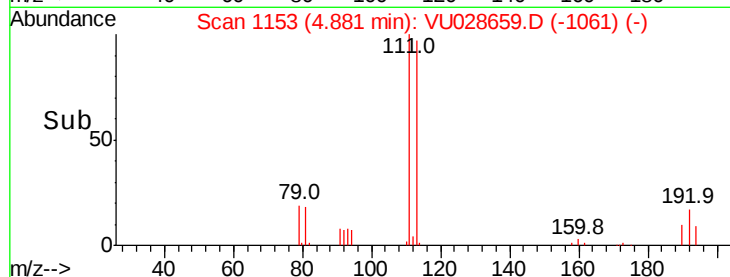
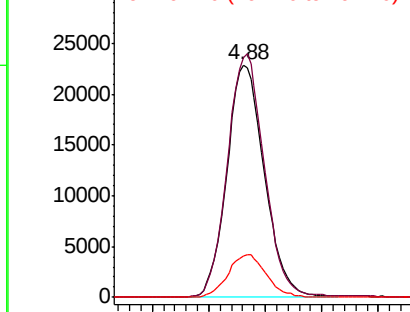
113 100

111 103.3 83.4 125.0

192 18.6 14.8 22.2



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: 4.566 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

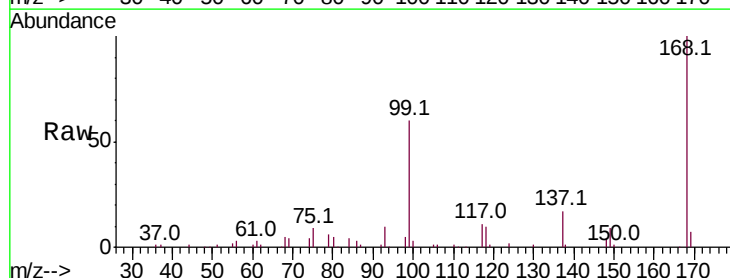
Tgt Ion: 75 Resp: 7910

Ion Ratio Lower Upper

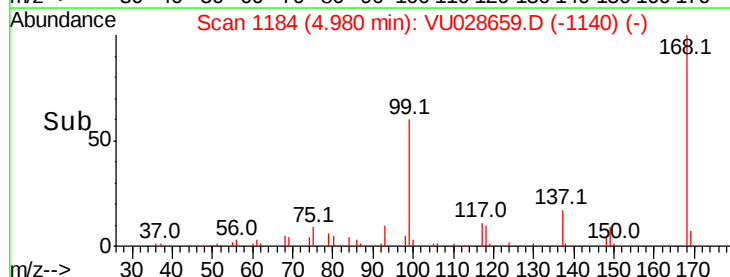
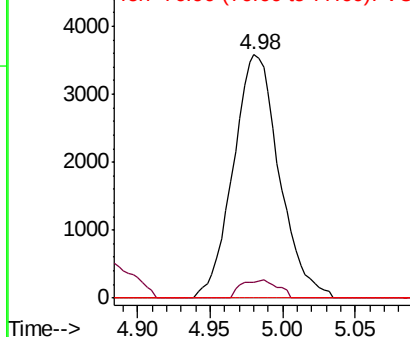
75 100

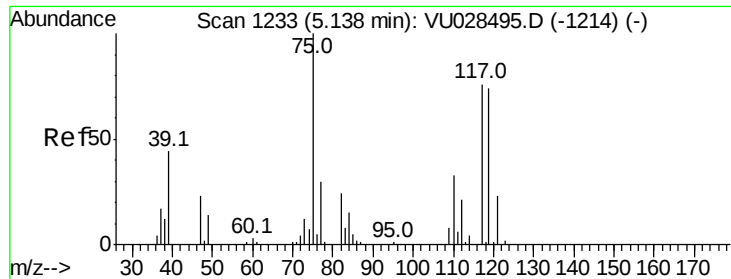
110 5.8 16.1 48.2#

77 0.0 24.5 36.7#



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: 6.548 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP05-20181209

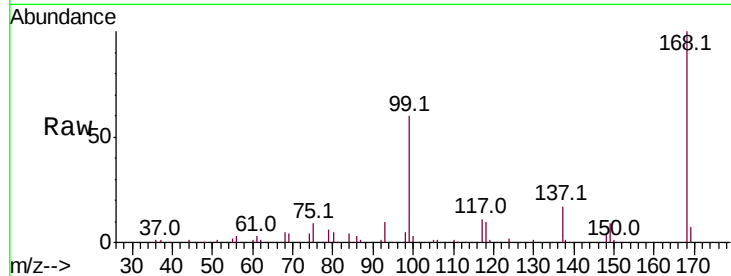
Tot Ion:117 Resp: 9142

Ion Ratio Lower Upper

117 100

119 5.1 77.6 116.4#

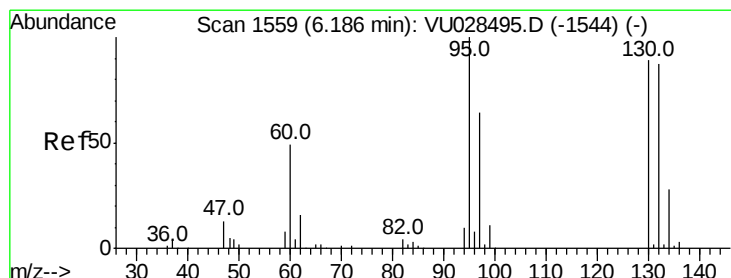
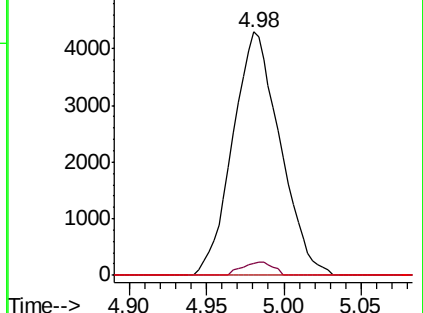
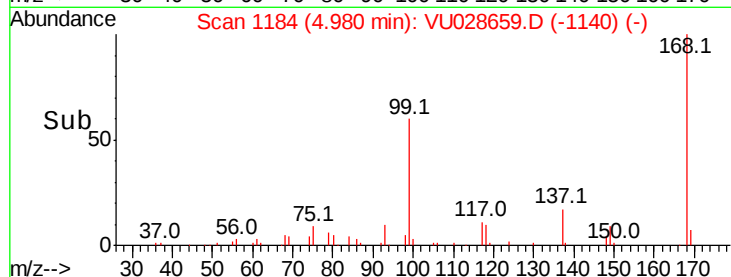
121 0.0 24.6 36.8#



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: 0.353 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028659.D

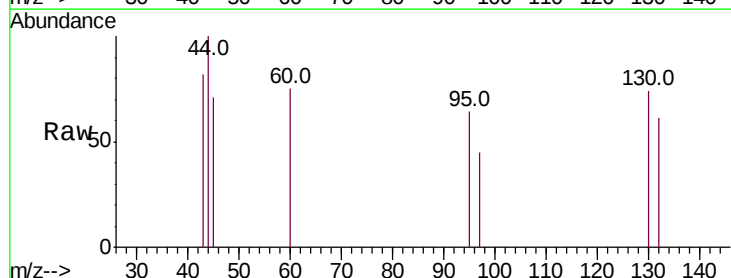
Acq: 12 Dec 2018 17:59

Tgt Ion:130 Resp: 400

Ion Ratio Lower Upper

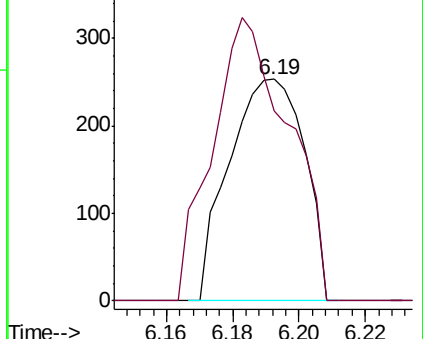
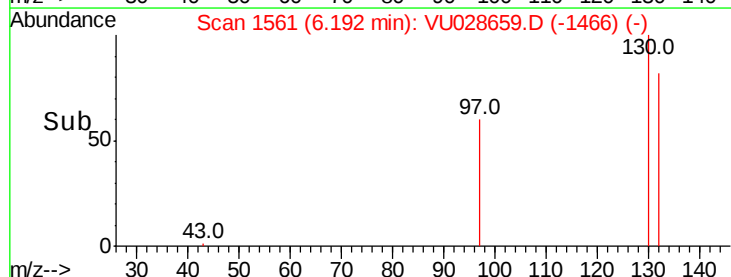
130 100

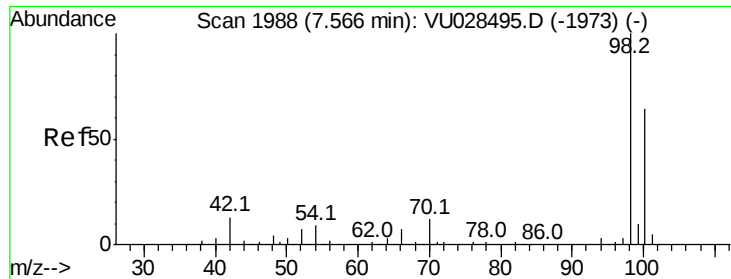
95 85.8 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 51.617 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

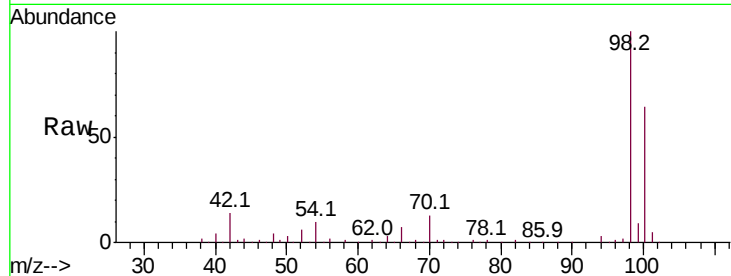
BP-DUP05-20181209

Tot Ion: 98 Resp: 203404

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

120000

100000

80000

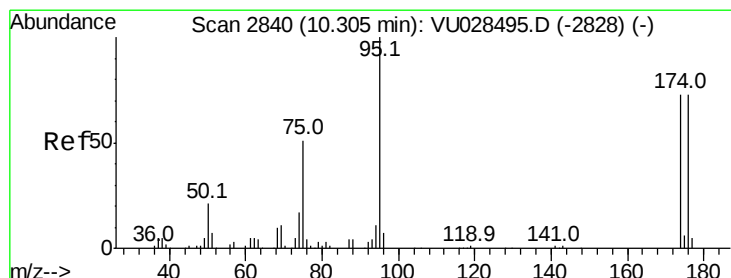
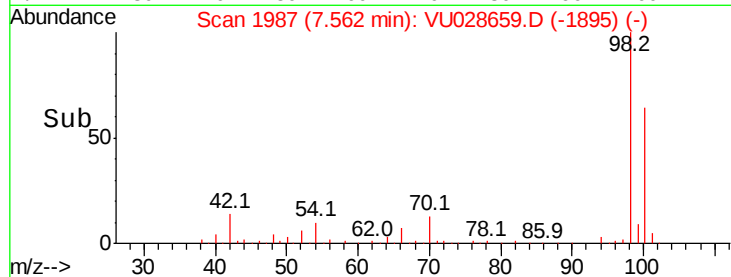
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.919 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

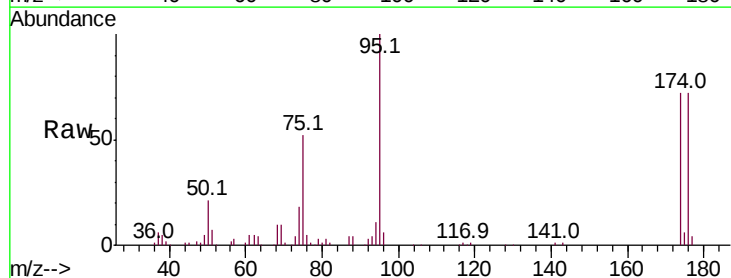
Tgt Ion: 95 Resp: 67632

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 71.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

50000

40000

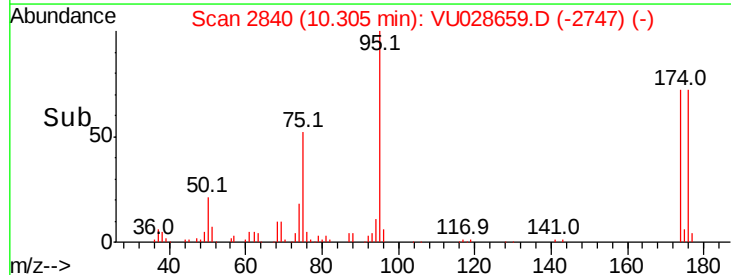
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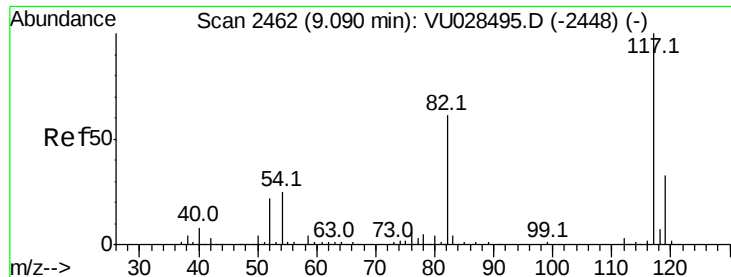
20000

10000

0

Time-->

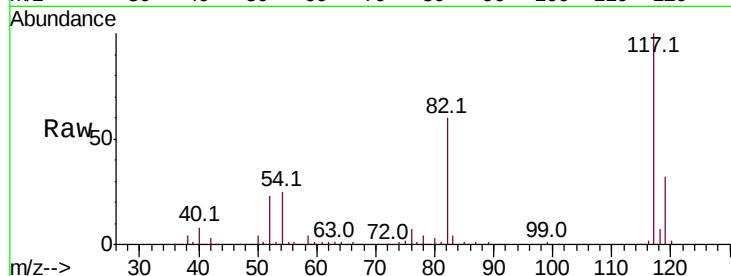




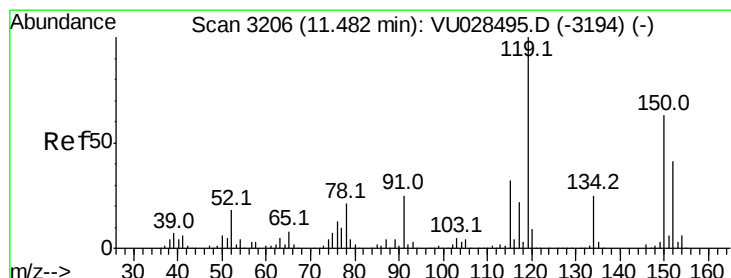
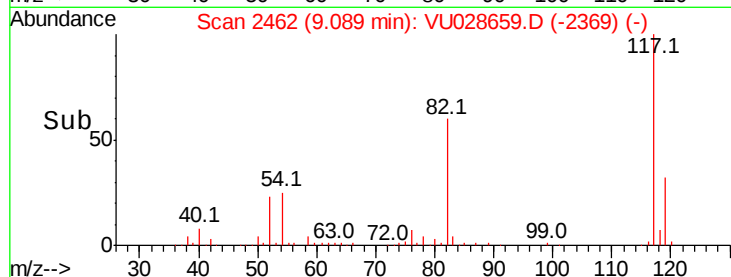
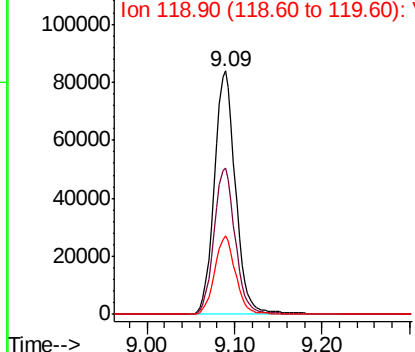
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028659.D
Acq: 12 Dec 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
BP-DUP05-20181209

Tot Ion:117 Resp: 141088
Ion Ratio Lower Upper
117 100
82 60.2 48.9 73.3
119 32.0 26.2 39.4

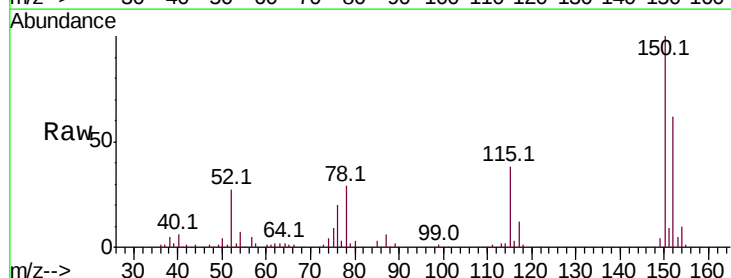


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

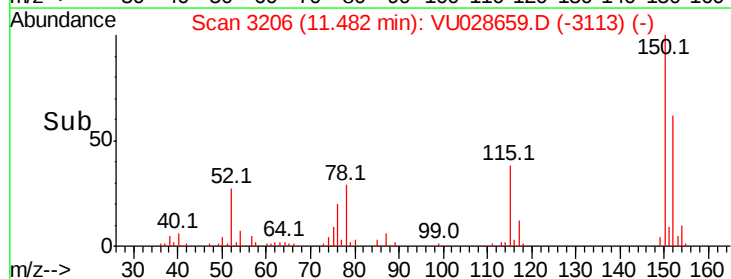
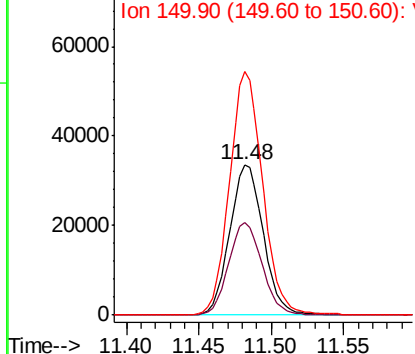


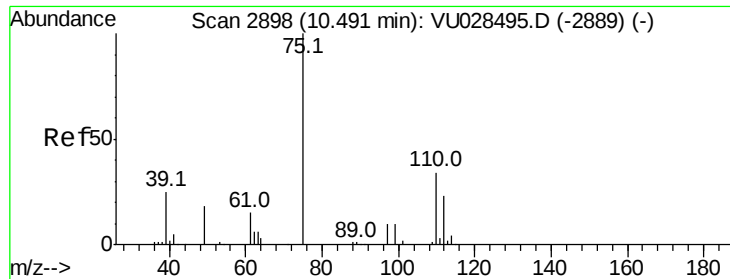
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028659.D
Acq: 12 Dec 2018 17:59

Tgt Ion:152 Resp: 53983
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 160.0 0.0 346.0



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: 25.074 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

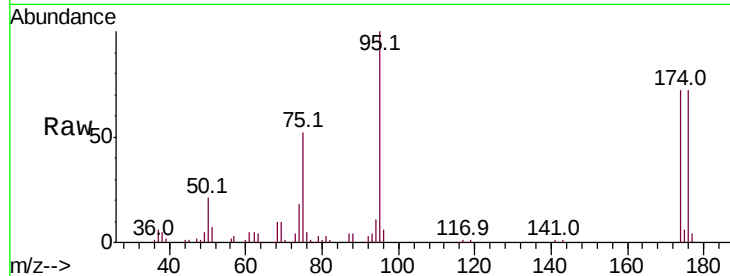
BP-DUP05-20181209

Tot Ion: 75 Resp: 34563

Ion Ratio Lower Upper

75 100

77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

10000

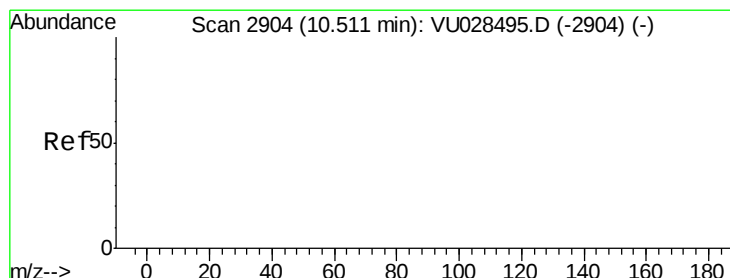
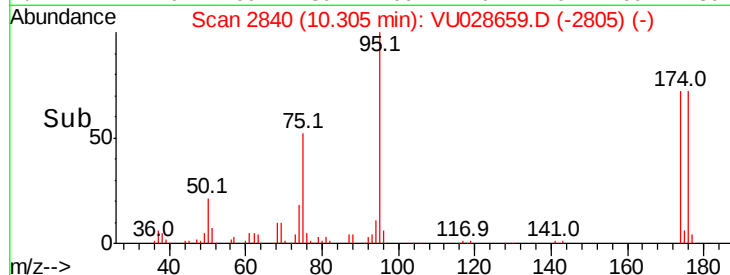
5000

0

Time-->

10.25 10.30 10.35

10.30



#81

trans-1,4-Dichloro-2-butene

Concen: 61.526 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028659.D

Acq: 12 Dec 2018 17:59

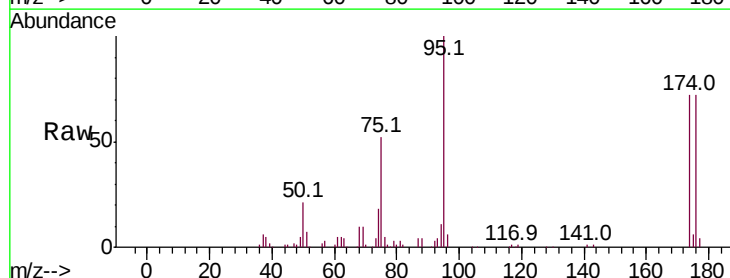
Tgt Ion: 75 Resp: 34563

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

30000

25000

20000

15000

10000

5000

0

Time-->

10.25 10.30 10.35

10.30

