

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028660.D
 Acq On : 12 Dec 2018 18:23
 Operator : MD/SY
 Sample : J6343-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312I-20181210

Quant Time: Dec 13 00:50:10 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

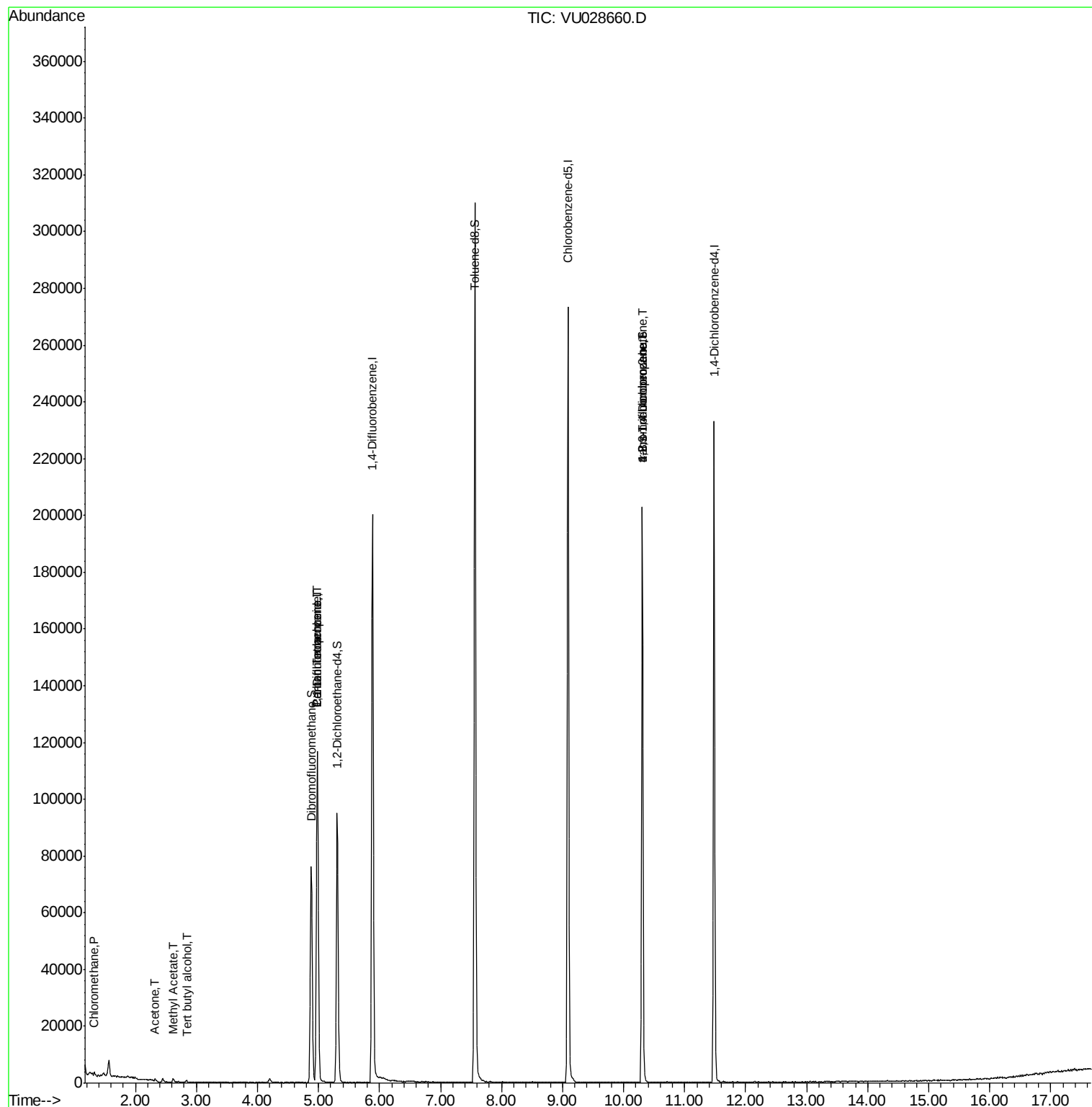
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	88474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159022	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	55764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72988	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	4.88	113	53793	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	7.57	98	204738	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	10.31	95	68629	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	919	0.422	ug/l	96
11) Tert butyl alcohol	2.85	59	284	0.944	ug/l #	73
16) Acetone	2.32	43	1287	1.461	ug/l	93
18) Methyl Acetate	2.62	43	1947	0.852	ug/l #	88
31) Cyclohexane	4.98	56	2262	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8156	4.687	ug/l #	51
38) Carbon Tetrachloride	4.98	117	8902	6.347	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	35447	24.894	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	35447	61.088	ug/l #	100

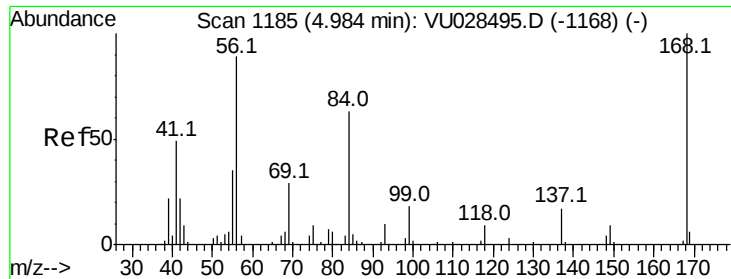
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
Data File : VU028660.D
Acq On : 12 Dec 2018 18:23
Operator : MD/SY
Sample : J6343-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312I-20181210

Quant Time: Dec 13 00:50:10 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: VU028660.D

Acq: 12 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

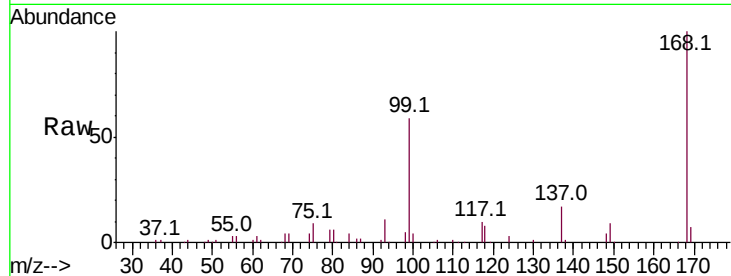
BPS1-TT-MW312I-20181210

Tot Ion:168 Resp: 88474

Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

20000

10000

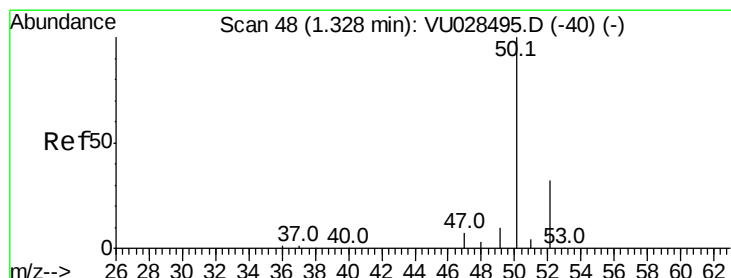
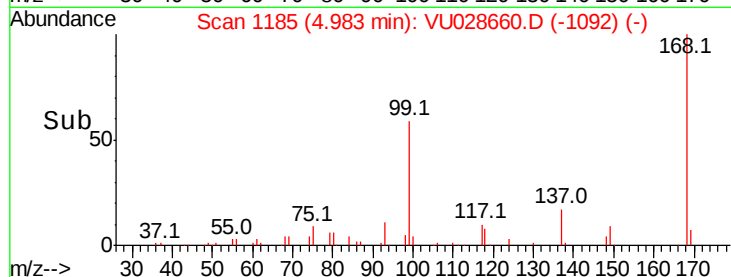
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.422 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028660.D

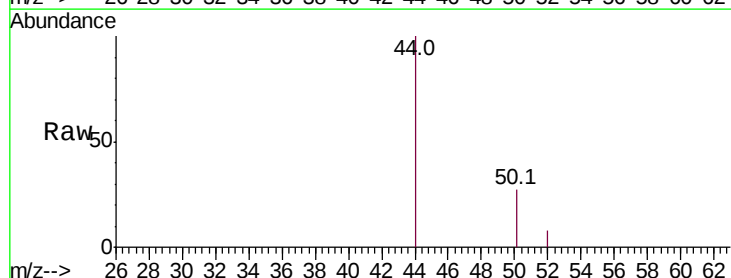
Acq: 12 Dec 2018 18:23

Tgt Ion: 50 Resp: 919

Ion Ratio Lower Upper

50 100

52 29.4 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

800

600

400

200

0

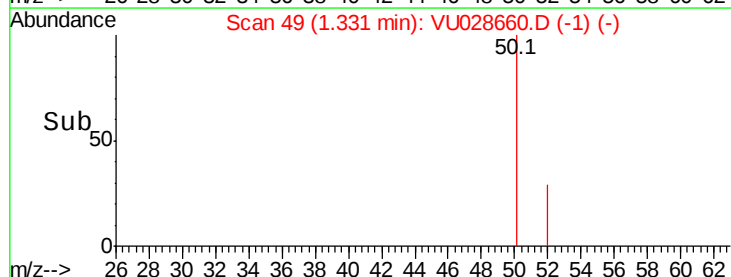
1.30

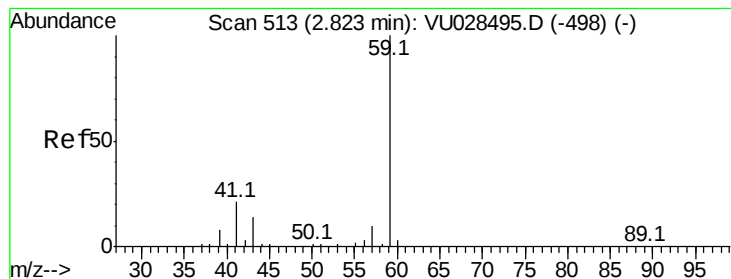
1.32

1.34

1.36

Time-->



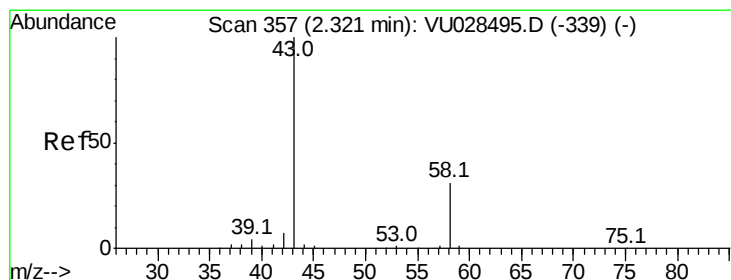
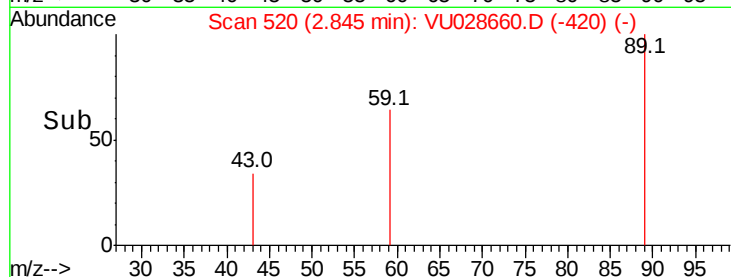
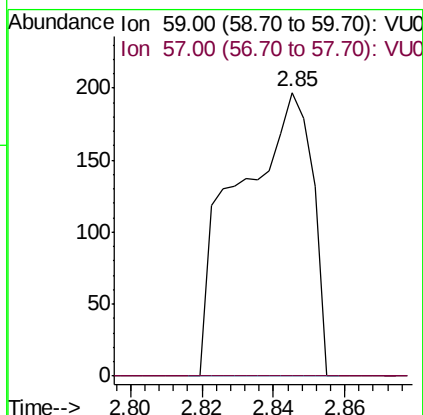
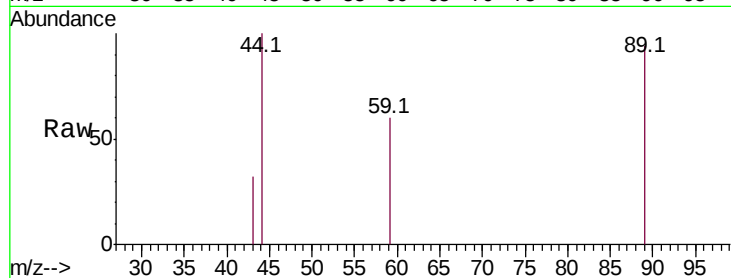


#11

Tert butyl alcohol
 Concen: 0.944 ug/l
 RT: 2.85 min Scan# 520
 Delta R.T. 0.02 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312I-20181210

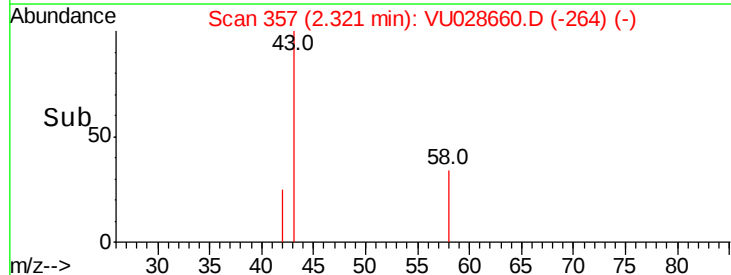
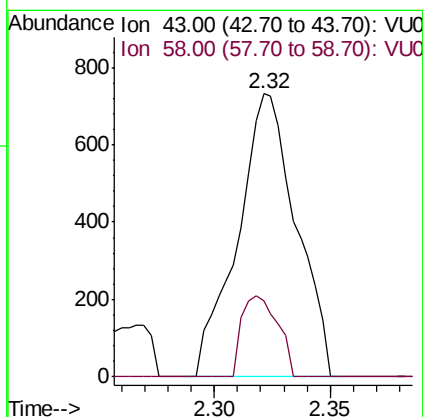
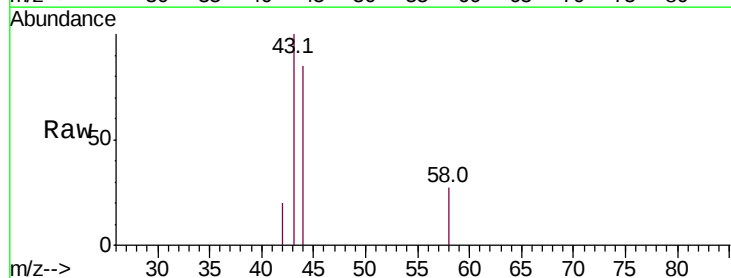
Tot Ion: 59 Resp: 284
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

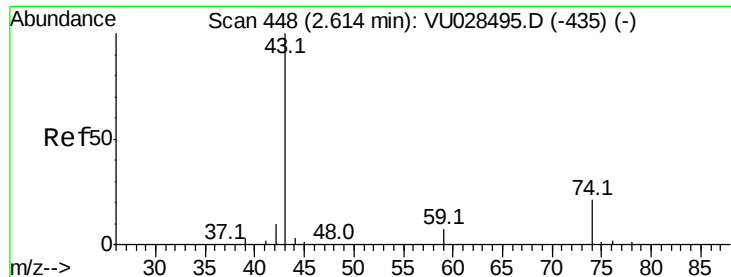


#16

Acetone
 Concen: 1.461 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

Tgt Ion: 43 Resp: 1287
 Ion Ratio Lower Upper
 43 100
 58 26.8 24.6 37.0

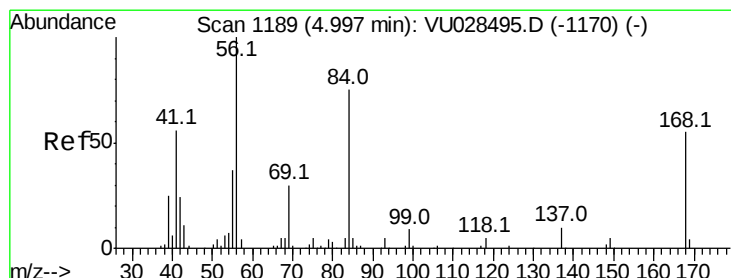
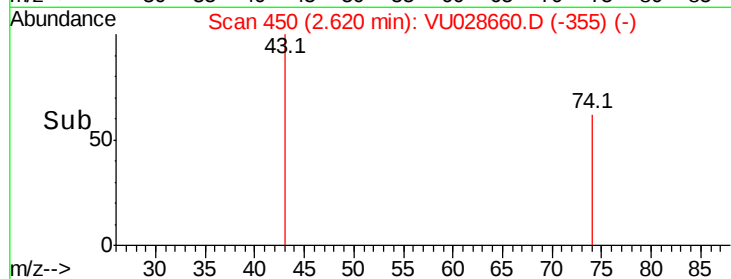
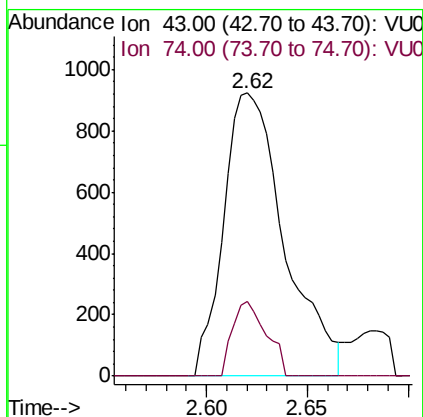
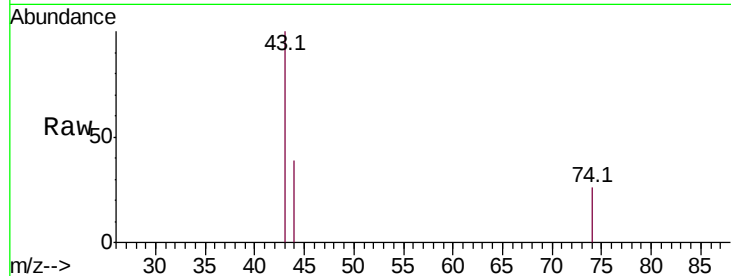




#18
Methvl Acetate
Concen: 0.852 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028660.D
Acq: 12 Dec 2018 18:23

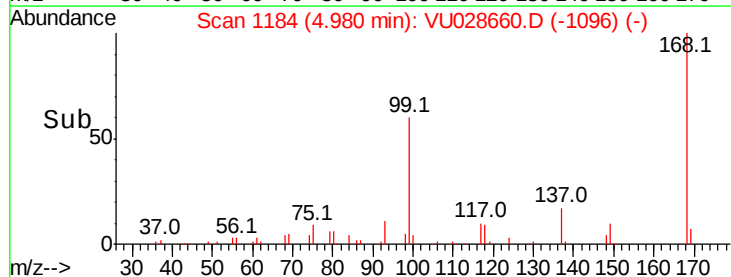
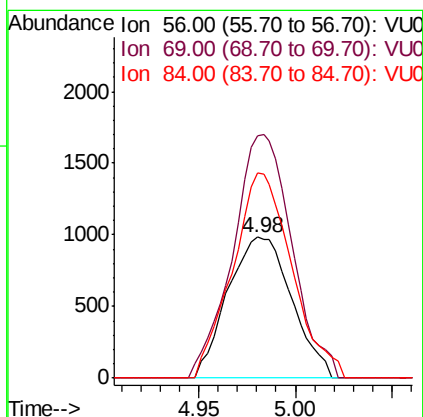
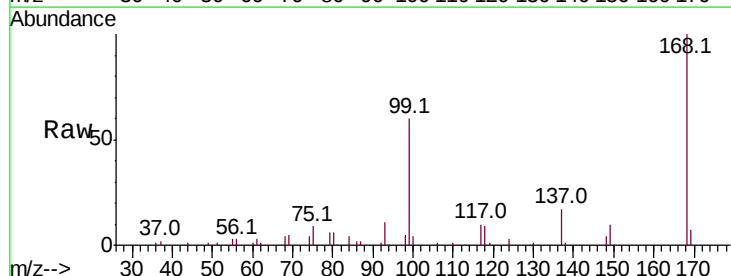
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312I-20181210

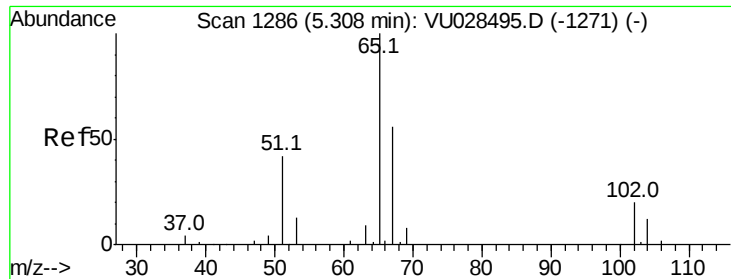
Tot Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
74 14.8 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028660.D
Acq: 12 Dec 2018 18:23

Tgt Ion: 56 Resp: 2262
Ion Ratio Lower Upper
56 100
69 172.4 24.0 36.0#
84 146.0 59.7 89.5#

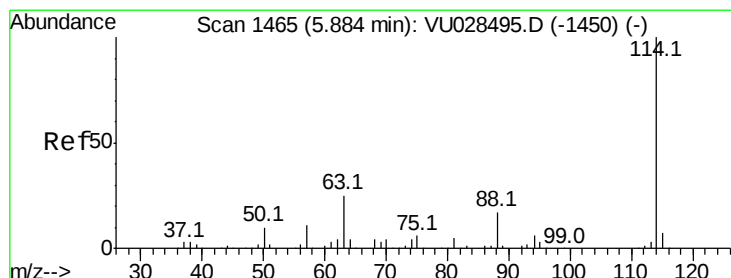
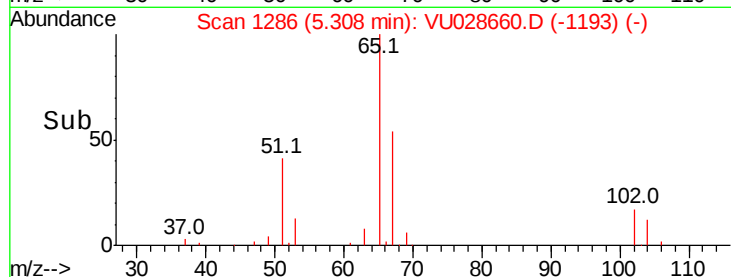
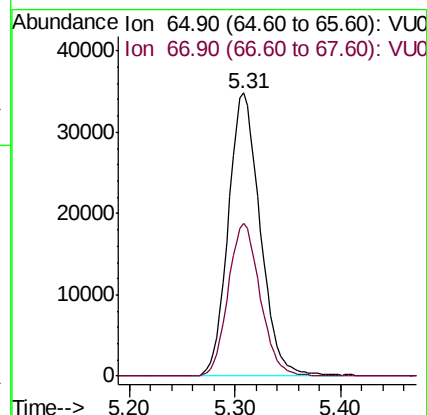
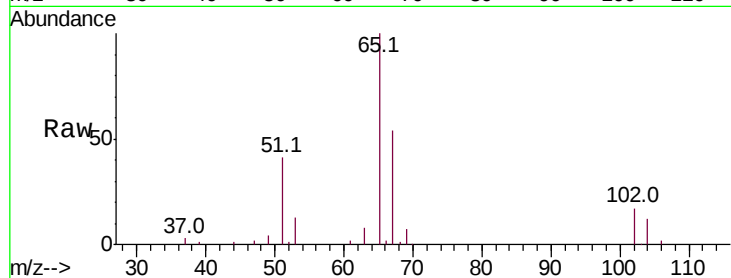




#33
 1,2-Dichloroethane-d4
 Concen: 54.058 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

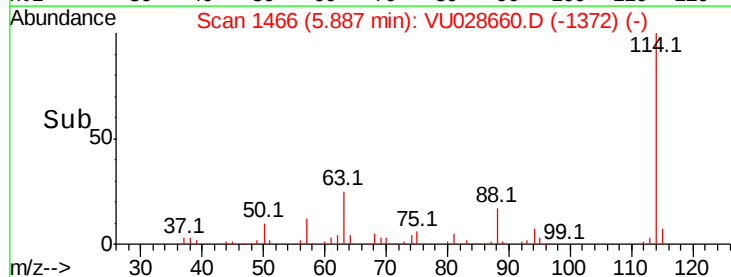
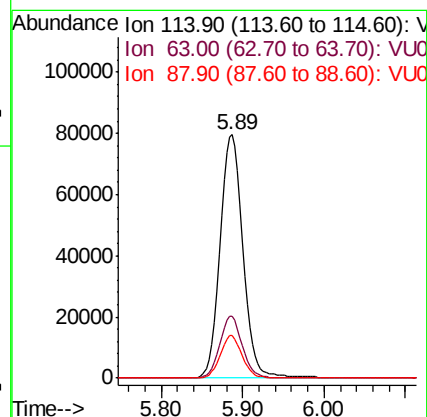
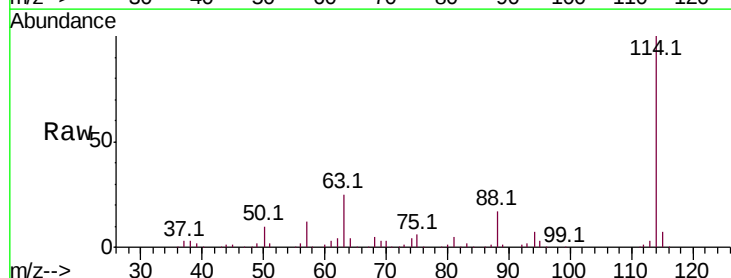
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312I-20181210

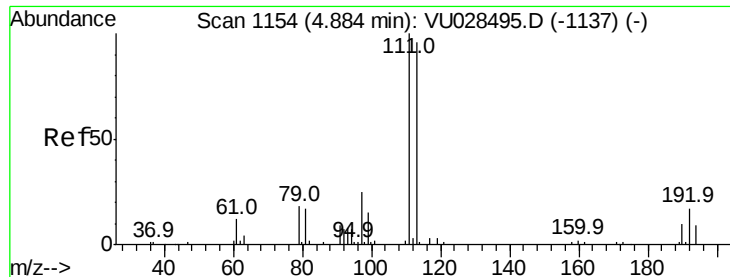
Tot Ion: 65 Resp: 72988
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

Tgt Ion: 114 Resp: 159022
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.4 0.0 33.4

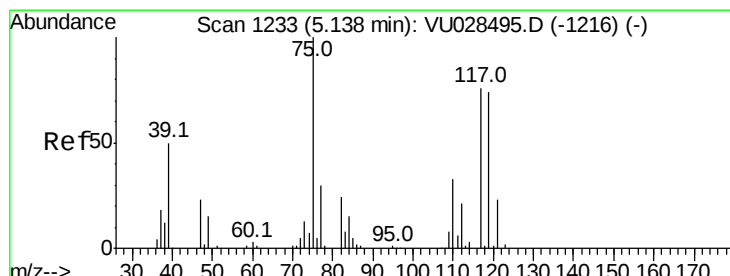
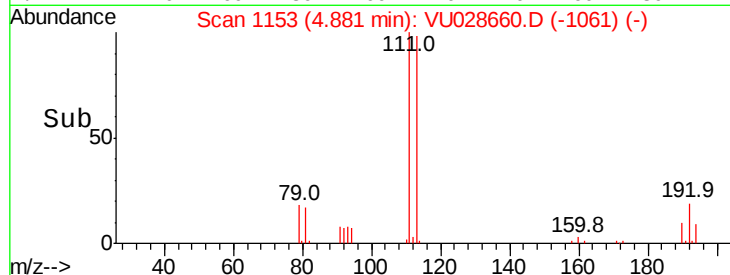
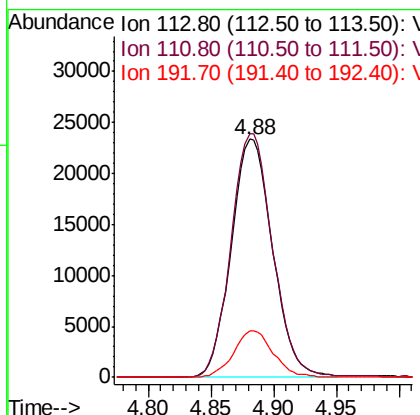
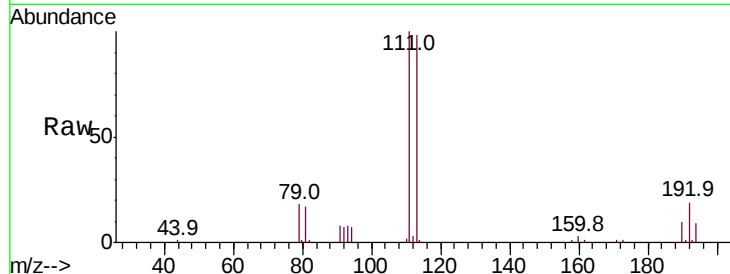




#35
 Dibromofluoromethane
 Concen: 53.753 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

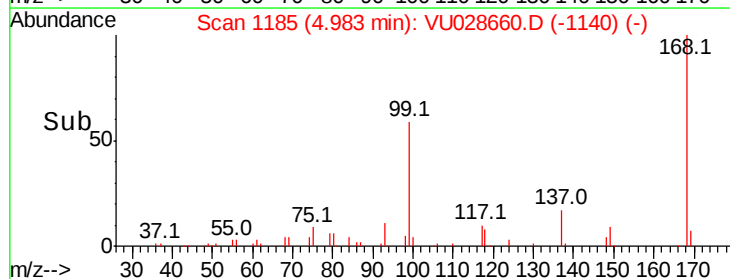
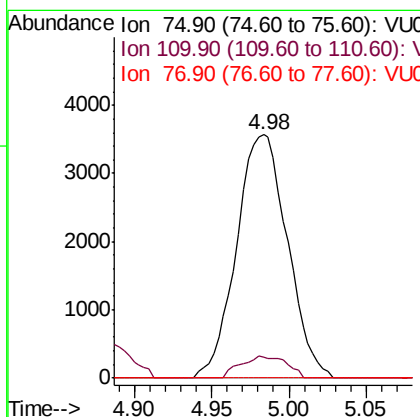
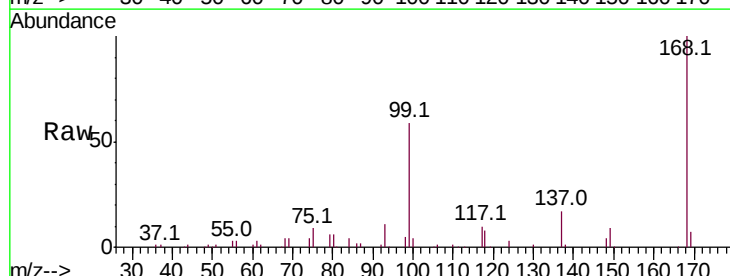
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312I-20181210

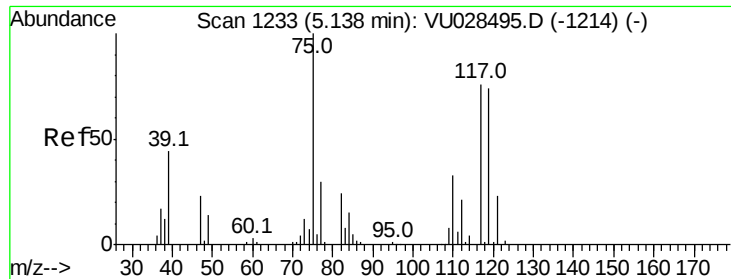
Tot Ion:113 Resp: 53793
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 18.6 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.687 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028660.D
 Acq: 12 Dec 2018 18:23

Tgt Ion: 75 Resp: 8156
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.347 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028660.D

Acq: 12 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312I-20181210

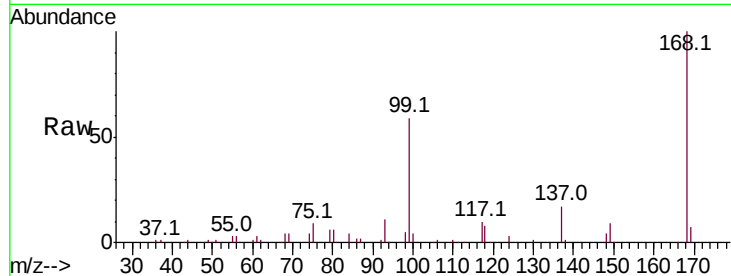
Tot Ion:117 Resp: 8902

Ion Ratio Lower Upper

117 100

119 4.8 77.6 116.4#

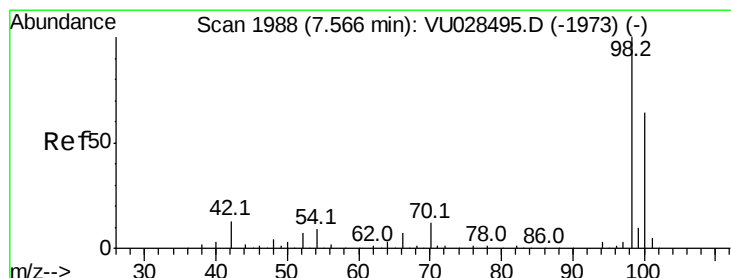
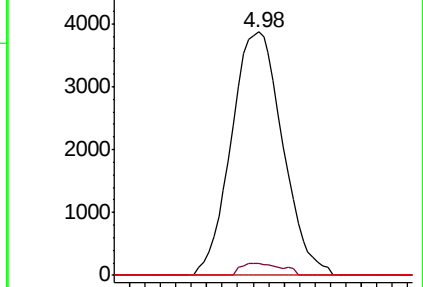
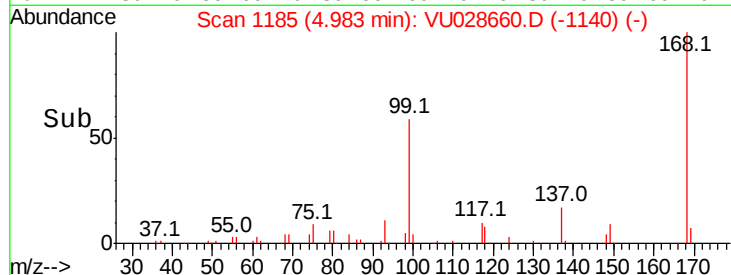
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 51.718 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028660.D

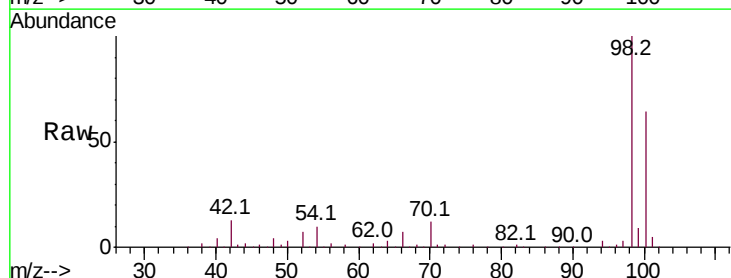
Acq: 12 Dec 2018 18:23

Tgt Ion: 98 Resp: 204738

Ion Ratio Lower Upper

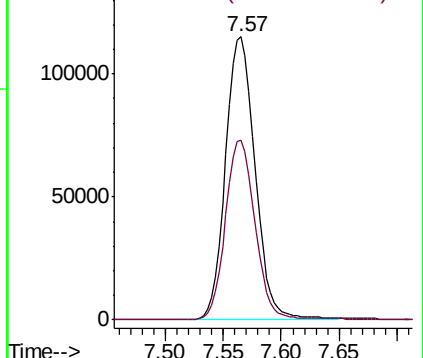
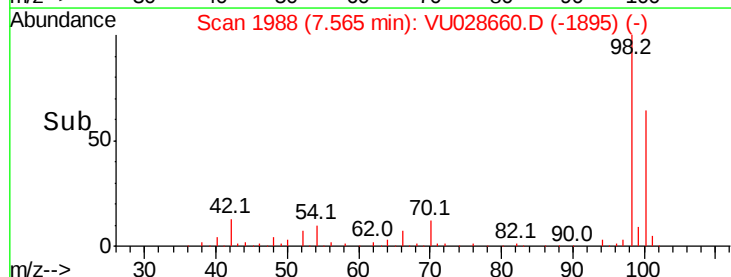
98 100

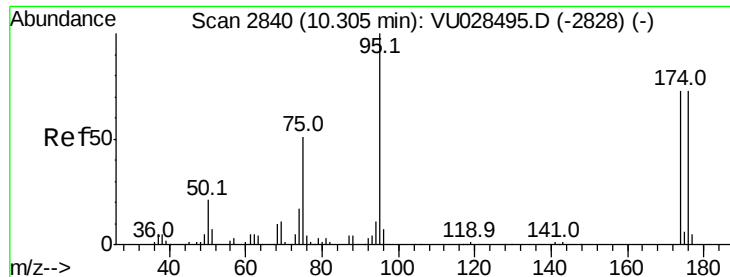
100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 46.383 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028660.D

Acq: 12 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312I-20181210

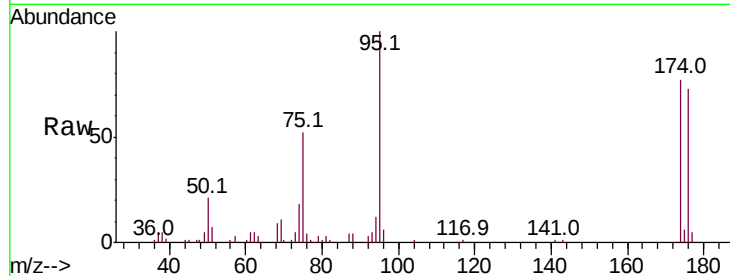
Tot Ion: 95 Resp: 68629

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

176 72.0 0.0 145.2



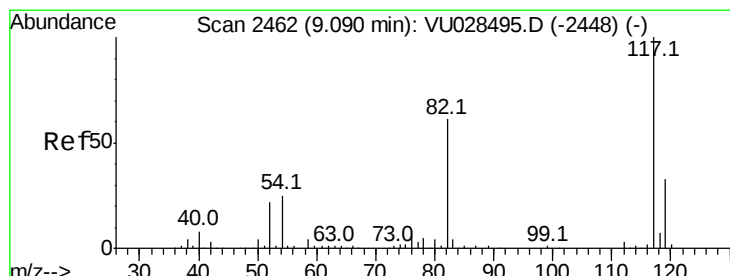
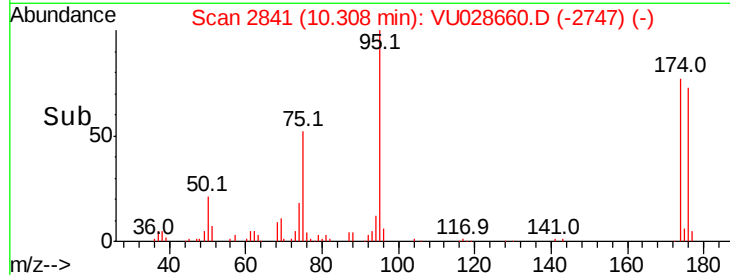
Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

10.31

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028660.D

Acq: 12 Dec 2018 18:23

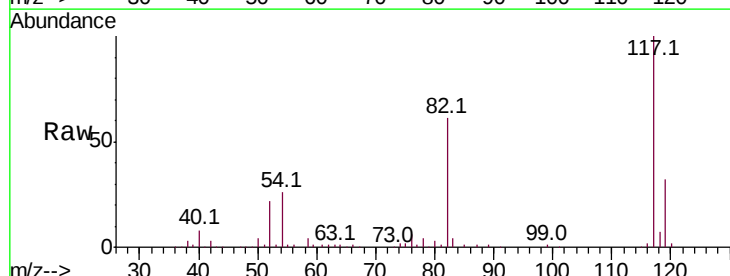
Tgt Ion: 117 Resp: 144500

Ion Ratio Lower Upper

117 100

82 60.7 48.9 73.3

119 32.3 26.2 39.4



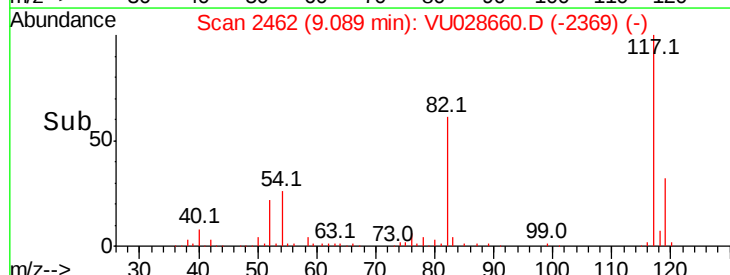
Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

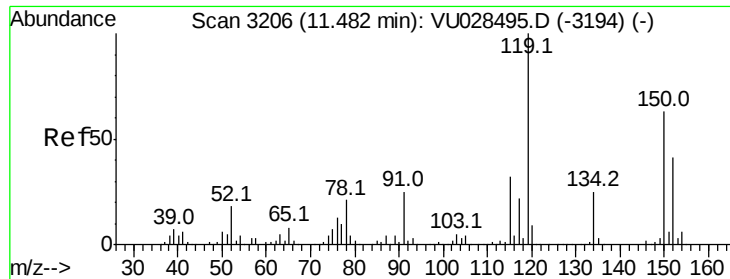
Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

9.09

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028660.D

Acq: 12 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312I-20181210

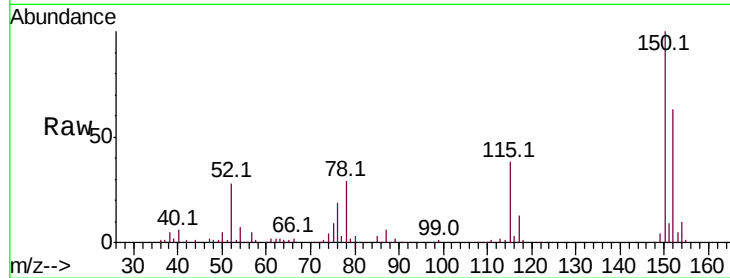
Tot Ion:152 Resp: 55764

Ion Ratio Lower Upper

152 100

115 60.3 42.7 128.1

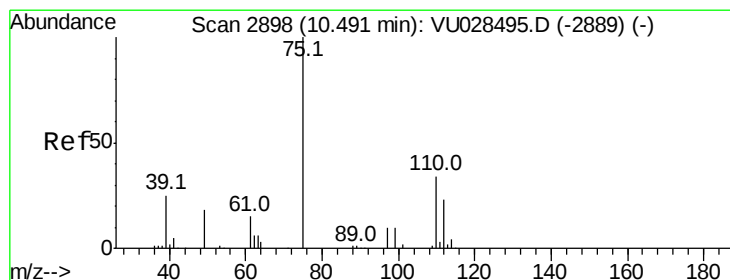
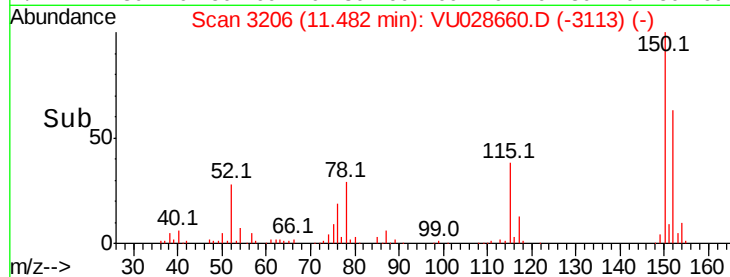
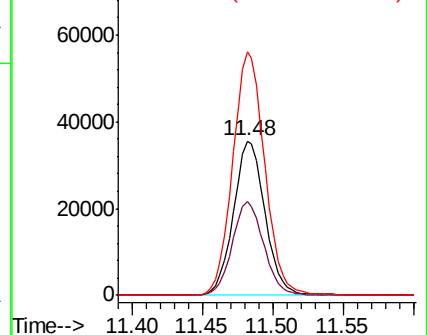
150 160.1 0.0 346.0



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: 24.894 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028660.D

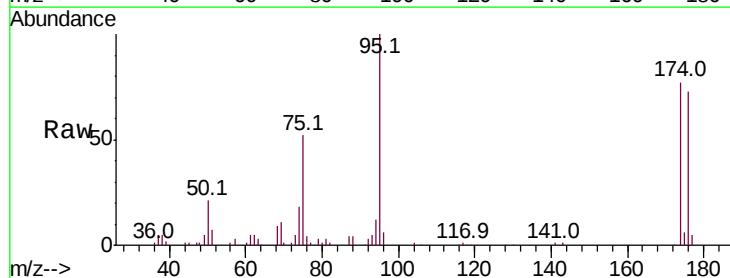
Acq: 12 Dec 2018 18:23

Tgt Ion: 75 Resp: 35447

Ion Ratio Lower Upper

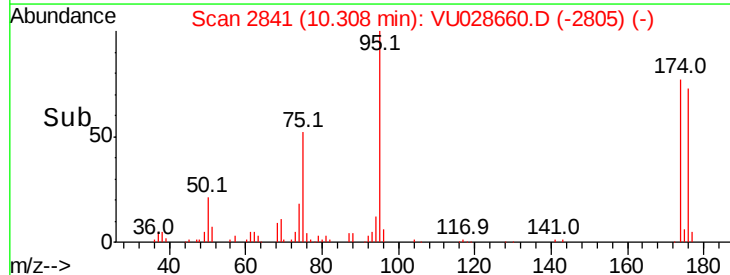
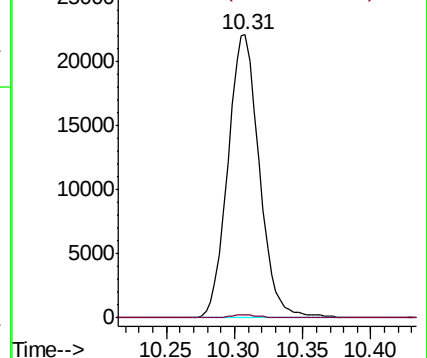
75 100

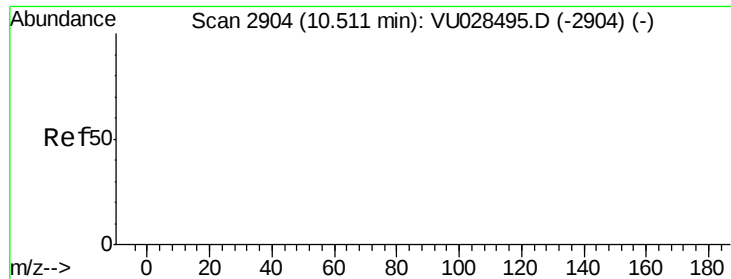
77 0.9 20.8 62.4#



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: 61.088 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028660.D

Acq: 12 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312I-20181210

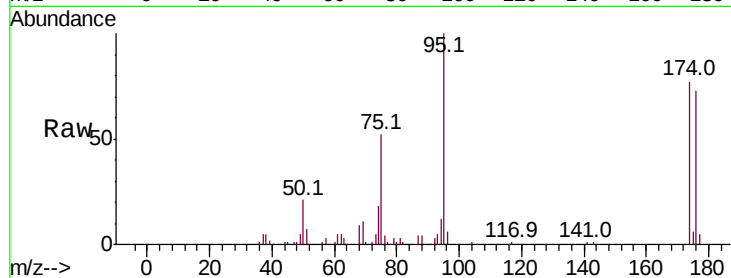
Tot Ion: 75 Resp: 35447

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

