

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028662.D
 Acq On : 12 Dec 2018 19:12
 Operator : MD/SY
 Sample : J6343-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Quant Time: Dec 13 00:50:28 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

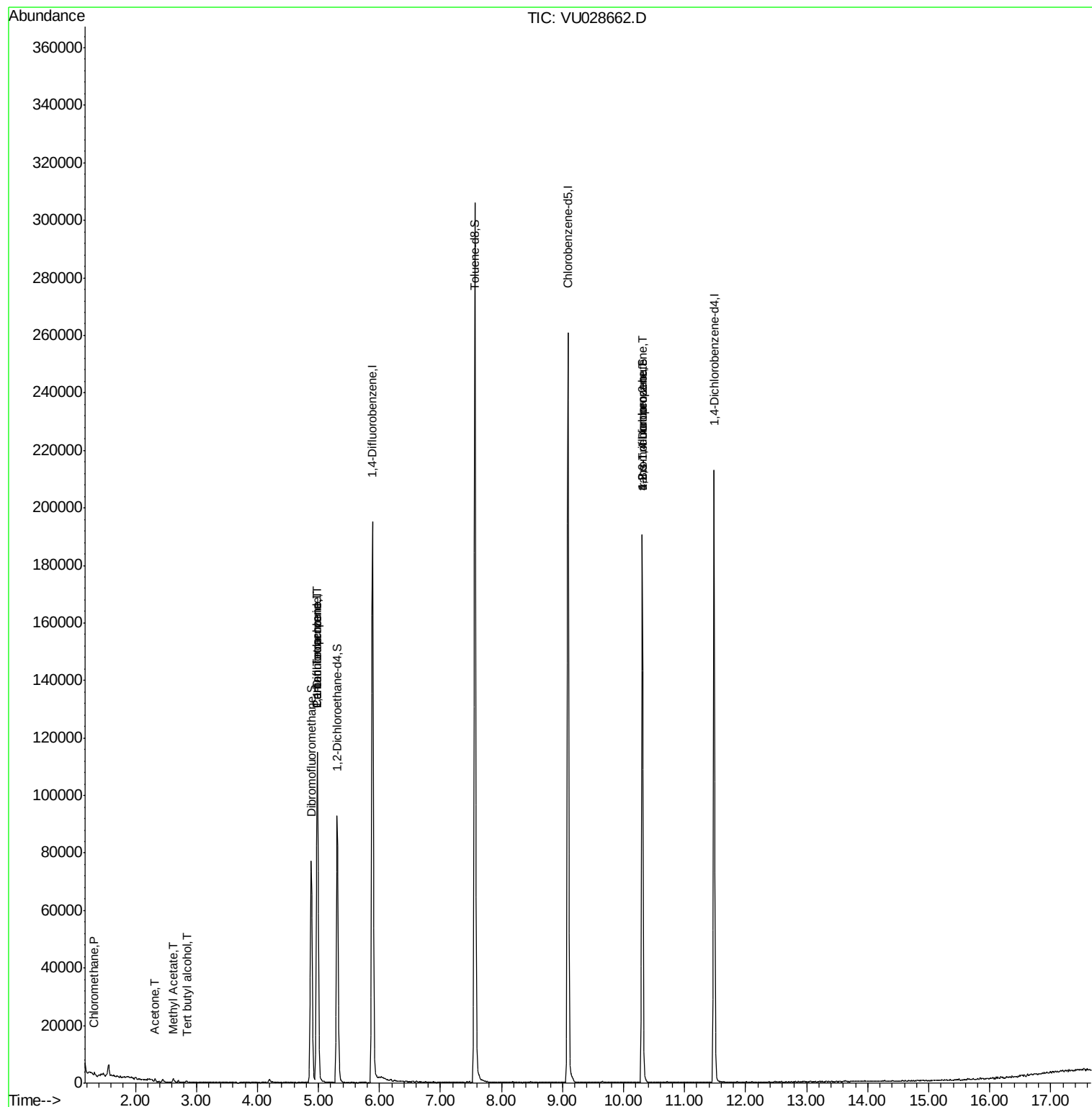
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	85746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70656	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	4.88	113	53333	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	7.56	98	201528	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	10.30	95	65056	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1030	0.487	ug/l #	81
11) Tert butyl alcohol	2.83	59	305	1.046	ug/l #	73
16) Acetone	2.32	43	1219	1.428	ug/l	93
18) Methyl Acetate	2.62	43	1773	0.801	ug/l #	91
31) Cyclohexane	4.98	56	2000	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7924	4.620	ug/l #	45
38) Carbon Tetrachloride	4.99	117	8569	6.199	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	34027	25.873	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	34027	63.471	ug/l #	100

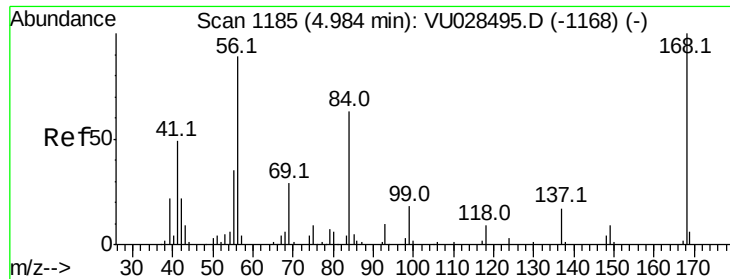
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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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: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

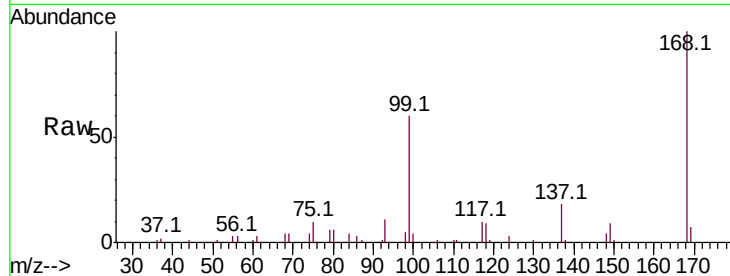
BPS1-TT-MW312S-20181210

Tot Ion:168 Resp: 85746

Ion Ratio Lower Upper

168 100

99 60.1 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

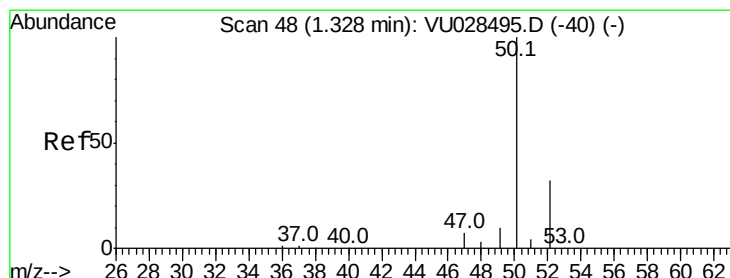
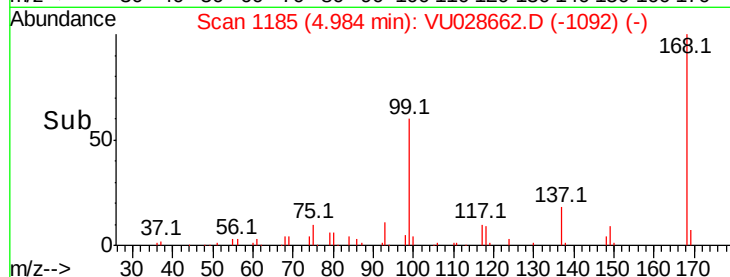
20000

10000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.487 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028662.D

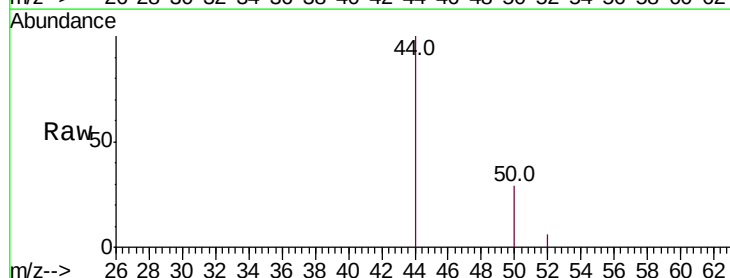
Acq: 12 Dec 2018 19:12

Tgt Ion: 50 Resp: 1030

Ion Ratio Lower Upper

50 100

52 21.1 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

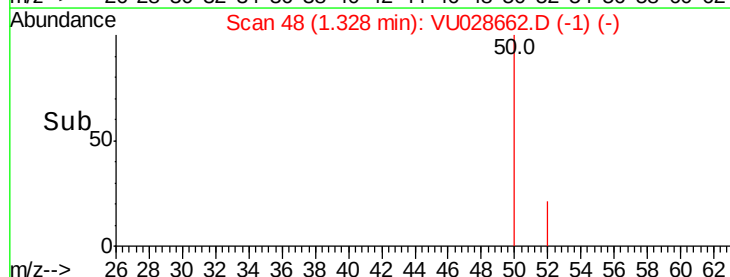
400

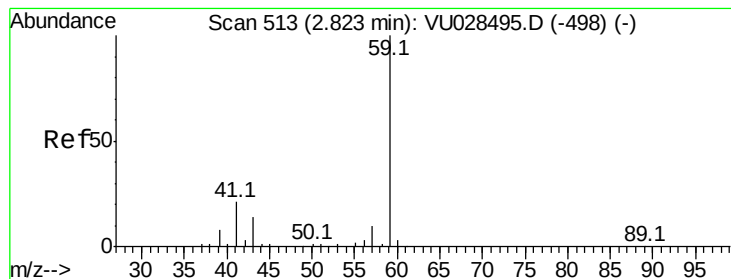
200

0

Time-->

1.30 1.35





#11

Tert butyl alcohol

Concen: 1.046 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

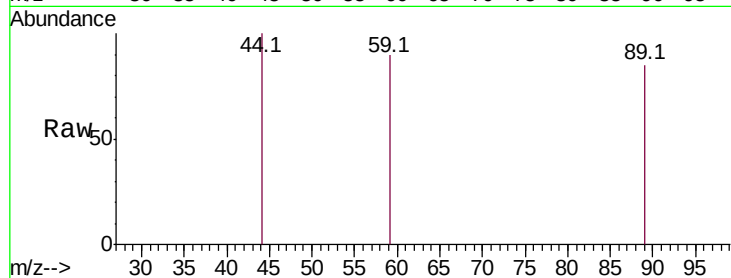
BPS1-TT-MW312S-20181210

Tot Ion: 59 Resp: 305

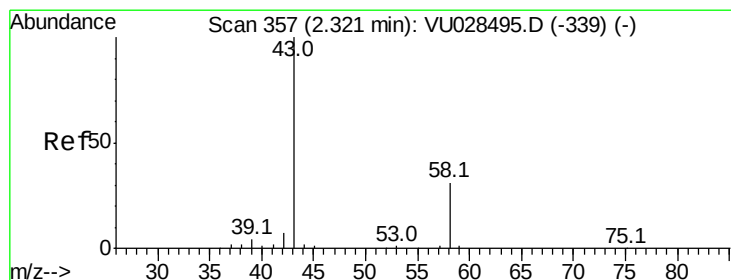
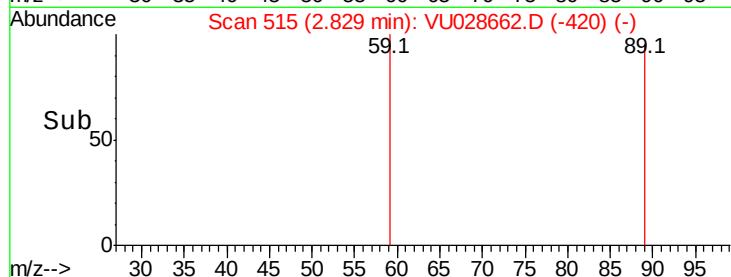
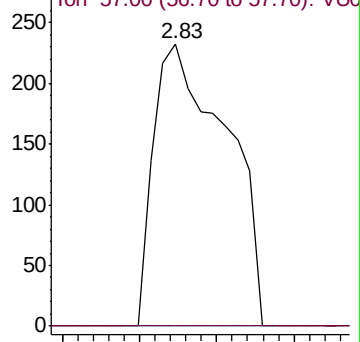
Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)



#16

Acetone

Concen: 1.428 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028662.D

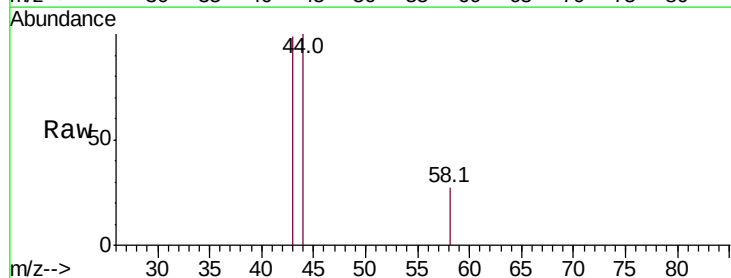
Acq: 12 Dec 2018 19:12

Tgt Ion: 43 Resp: 1219

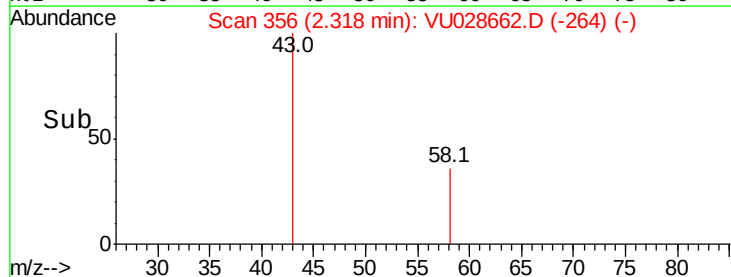
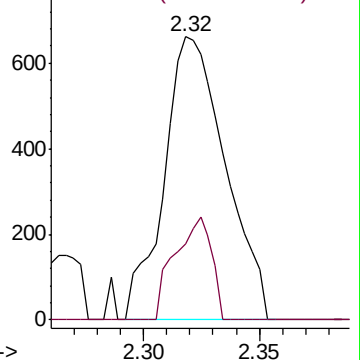
Ion Ratio Lower Upper

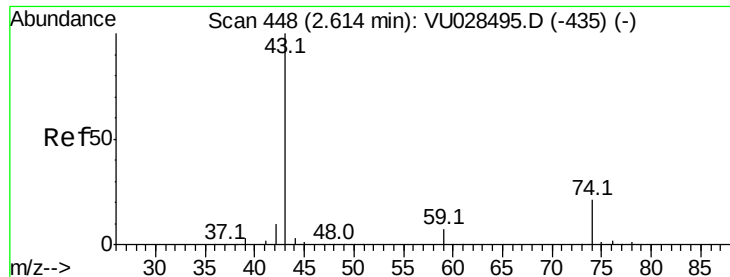
43 100

58 27.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

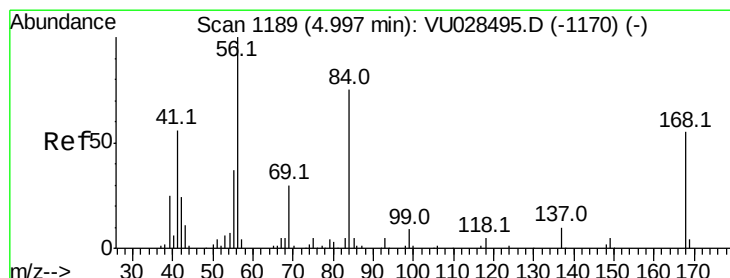
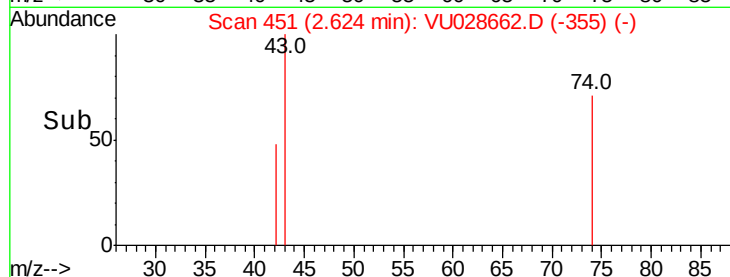
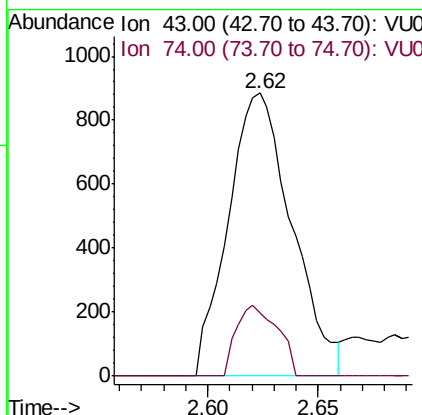
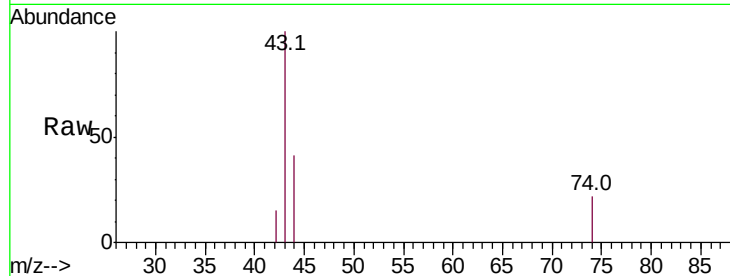




#18
Methvl Acetate
Concen: 0.801 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

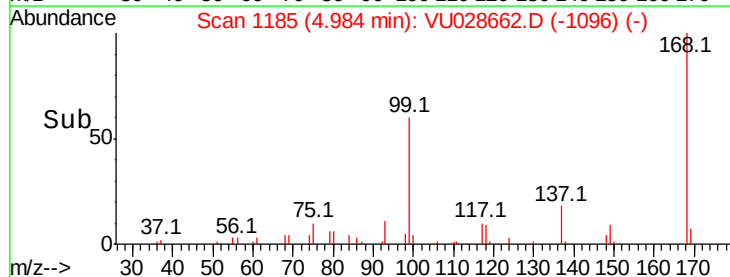
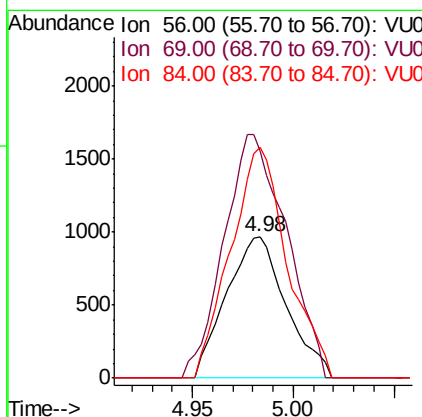
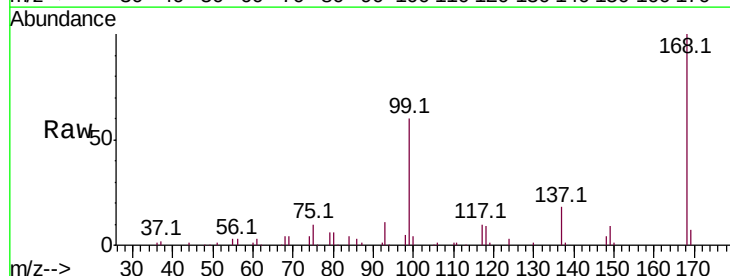
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312S-20181210

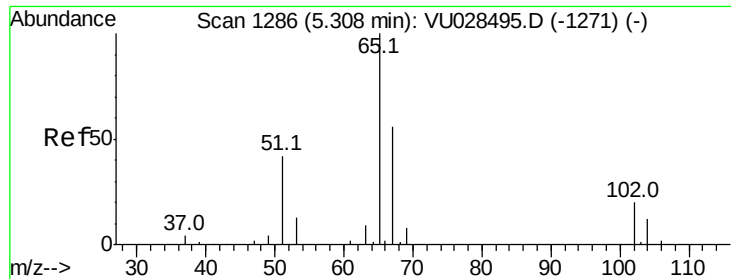
Tot Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
74 16.2 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Tgt Ion: 56 Resp: 2000
Ion Ratio Lower Upper
56 100
69 159.7 24.0 36.0#
84 162.9 59.7 89.5#

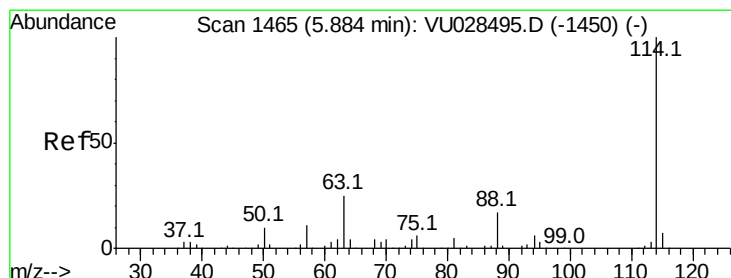
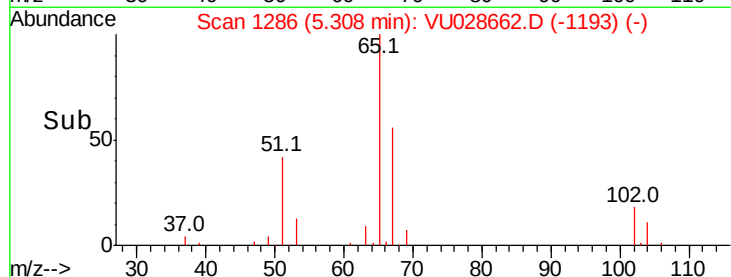
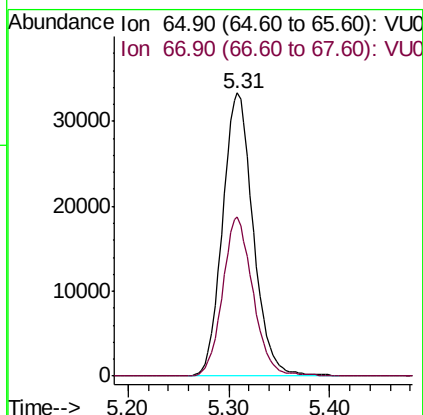
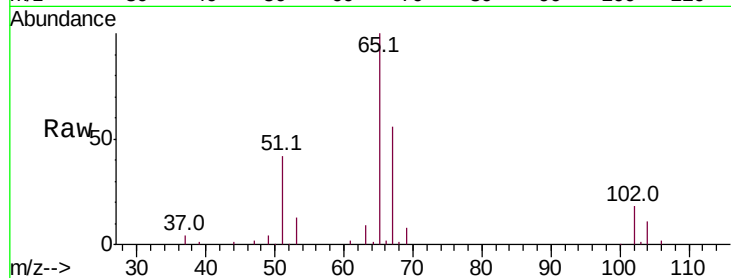




#33
 1,2-Dichloroethane-d4
 Concen: 53.996 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028662.D
 Acq: 12 Dec 2018 19:12

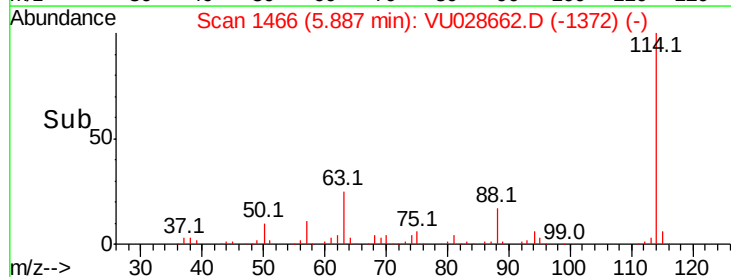
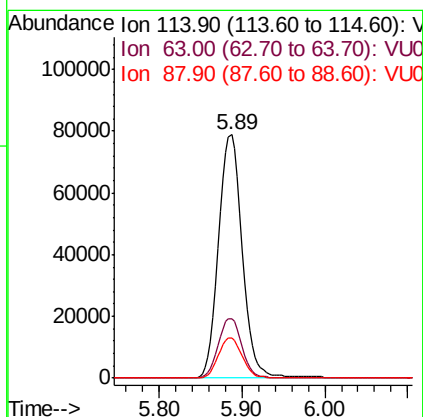
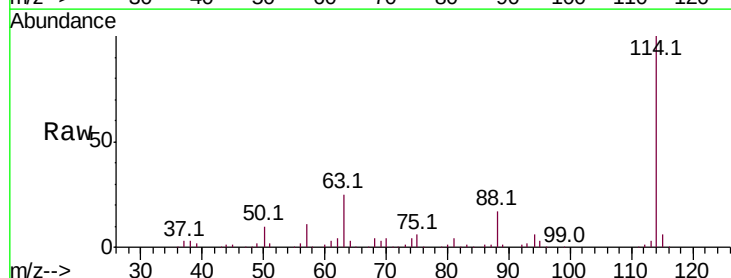
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312S-20181210

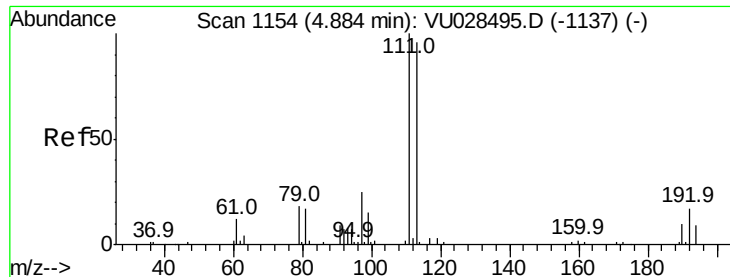
Tot Ion: 65 Resp: 70656
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028662.D
 Acq: 12 Dec 2018 19:12

Tgt Ion: 114 Resp: 156731
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.073 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312S-20181210

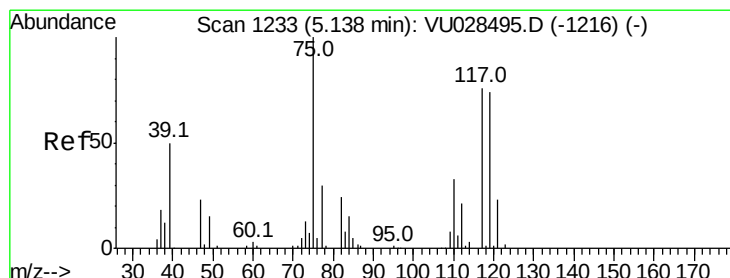
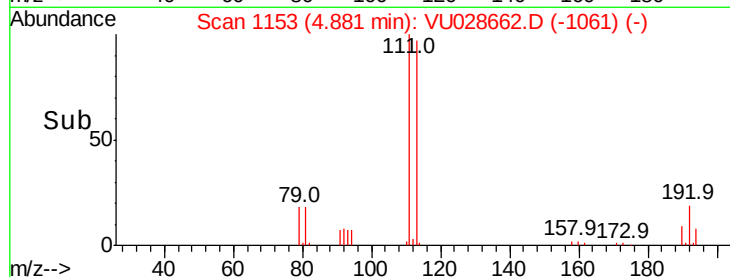
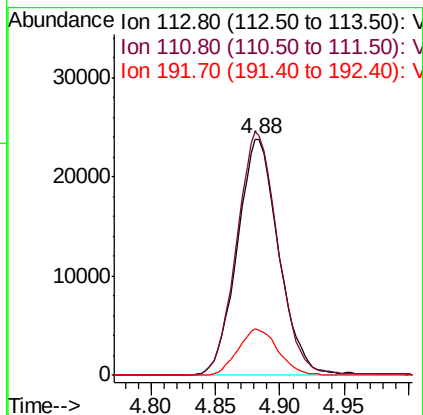
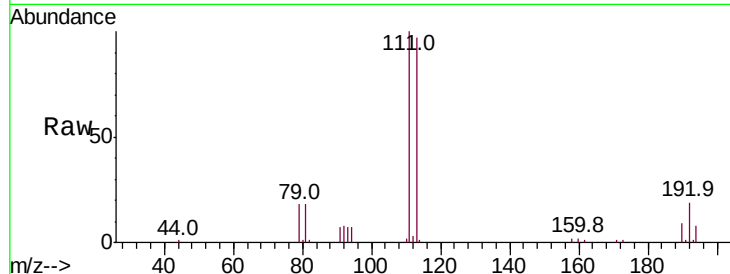
Tot Ion:113 Resp: 53333

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

192 18.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

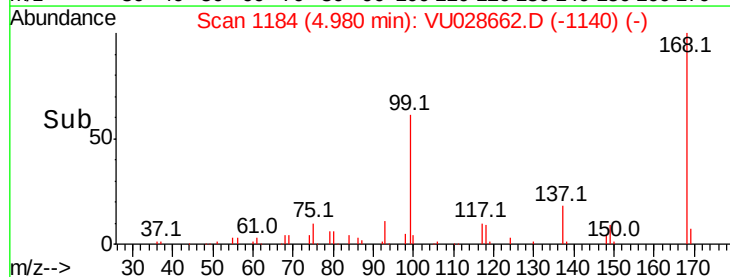
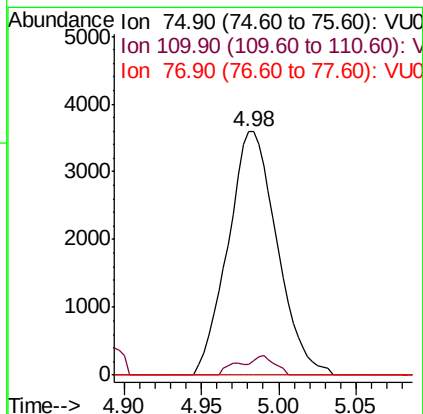
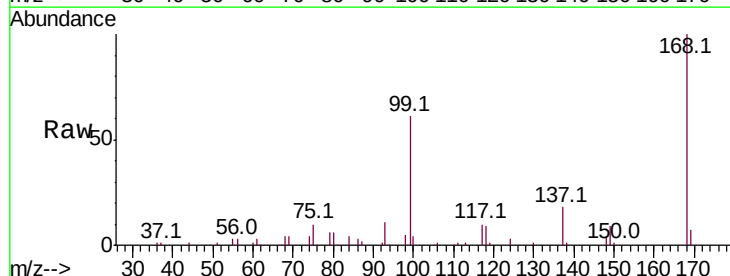
Tgt Ion: 75 Resp: 7924

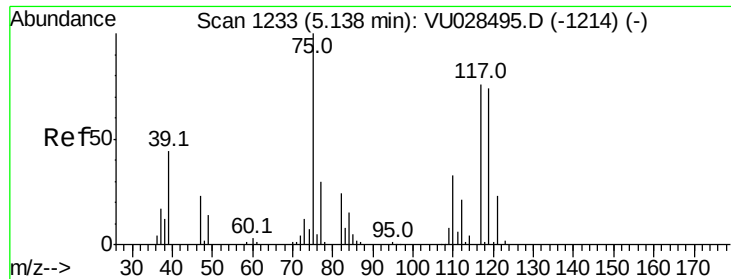
Ion Ratio Lower Upper

75 100

110 2.3 16.1 48.2#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.199 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312S-20181210

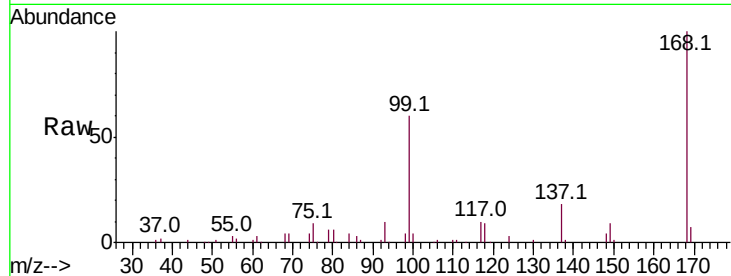
Tot Ion:117 Resp: 8569

Ion Ratio Lower Upper

117 100

119 4.9 77.6 116.4#

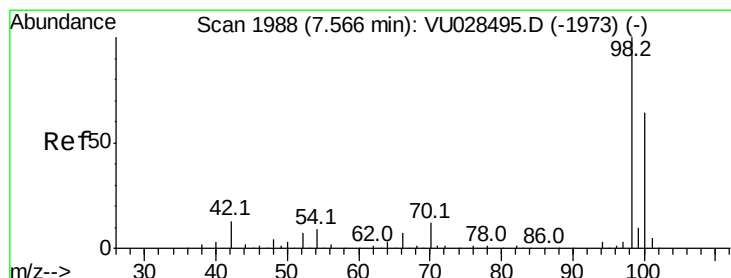
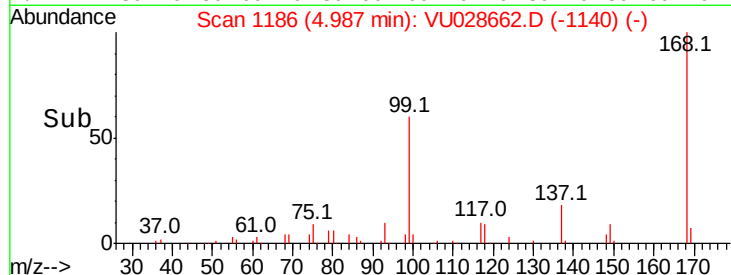
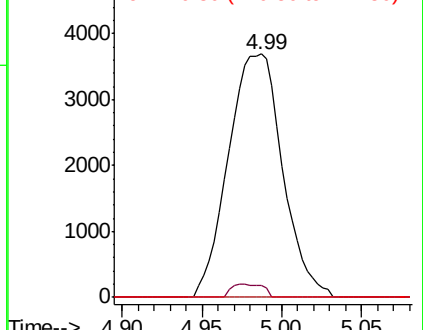
121 0.0 24.6 36.8#



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: 51.651 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028662.D

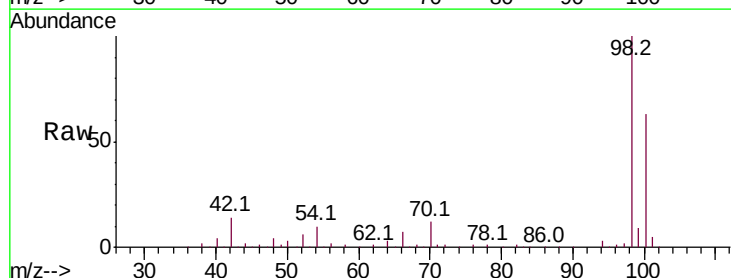
Acq: 12 Dec 2018 19:12

Tgt Ion: 98 Resp: 201528

Ion Ratio Lower Upper

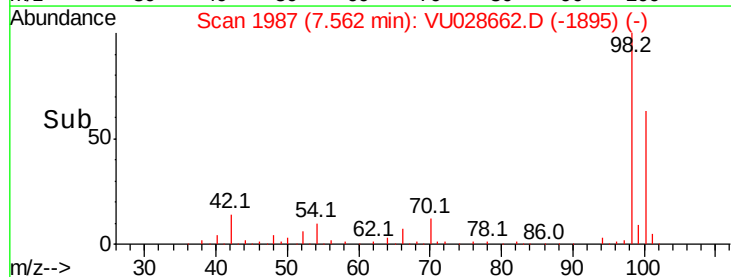
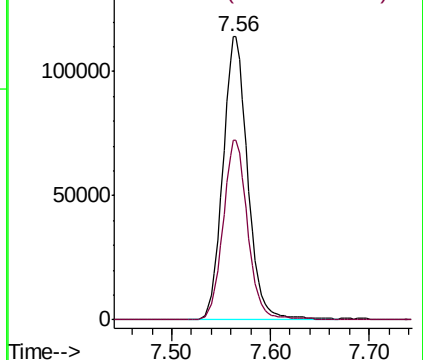
98 100

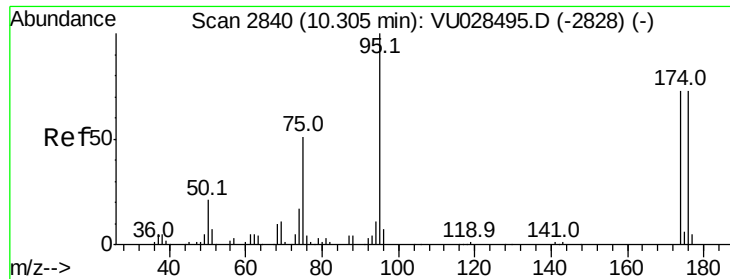
100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 44.610 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312S-20181210

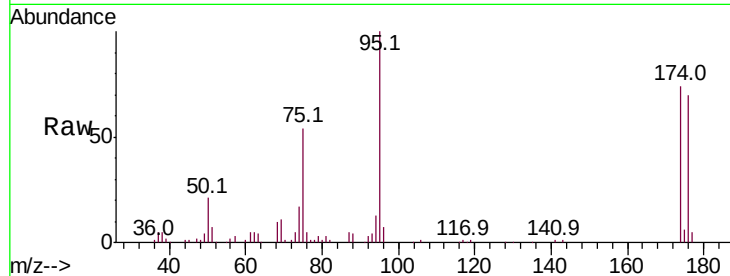
Tot Ion: 95 Resp: 65056

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

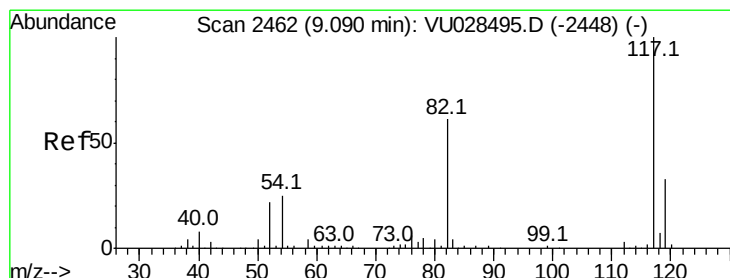
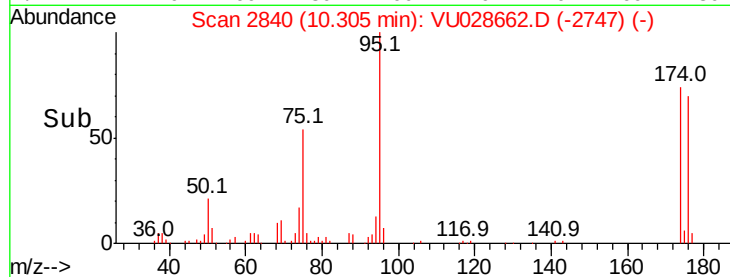
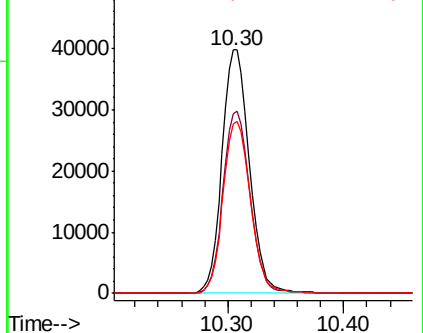
176 70.5 0.0 145.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

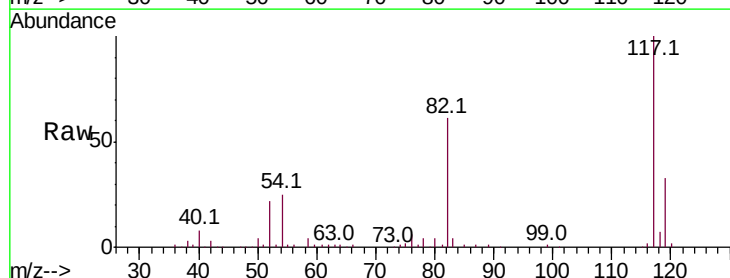
Tgt Ion: 117 Resp: 139264

Ion Ratio Lower Upper

117 100

82 60.5 48.9 73.3

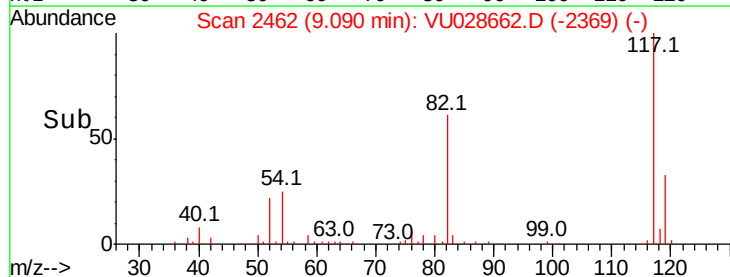
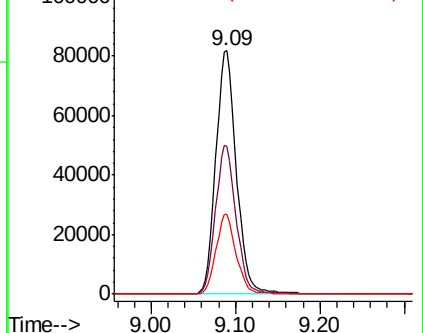
119 33.0 26.2 39.4

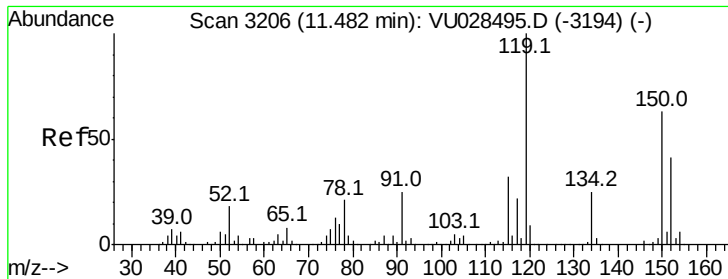


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

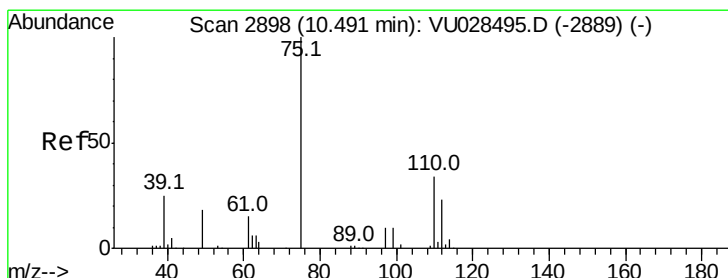
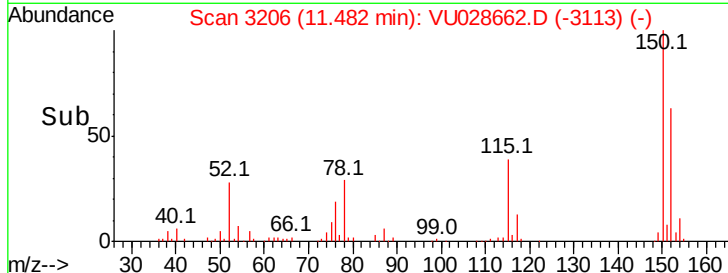
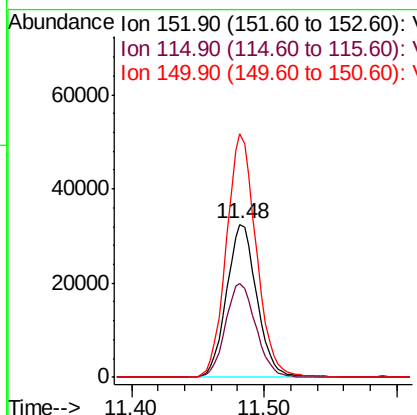
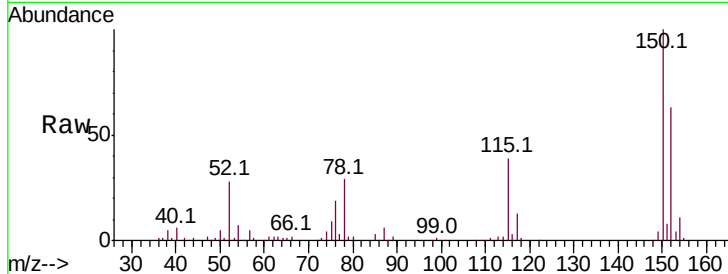




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028662.D
 Acq: 12 Dec 2018 19:12

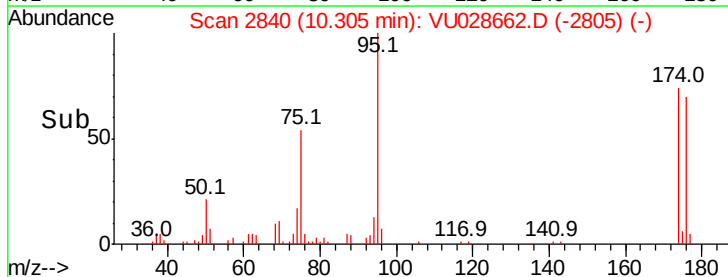
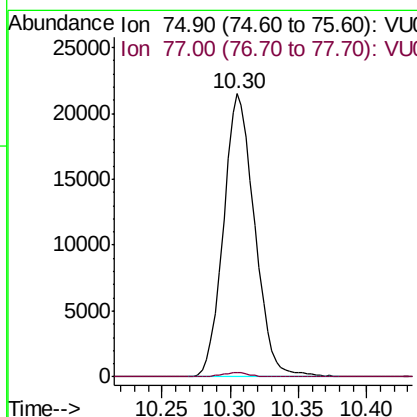
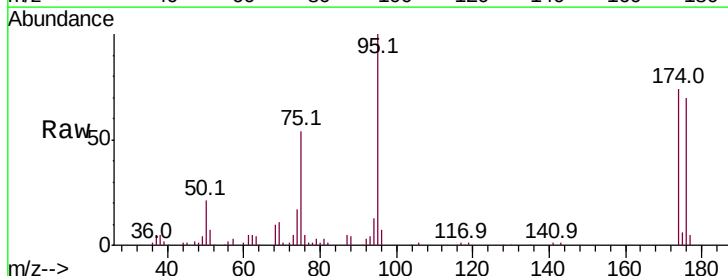
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312S-20181210

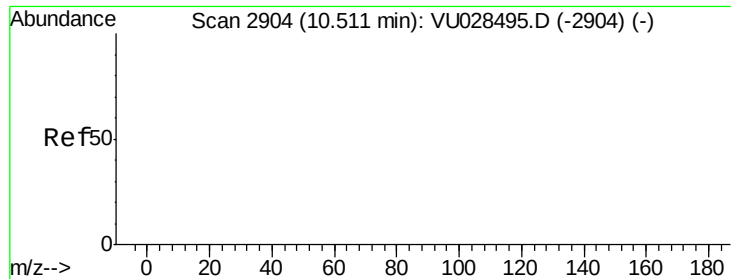
Tot Ion:152 Resp: 51503
 Ion Ratio Lower Upper
 152 100
 115 61.8 42.7 128.1
 150 157.6 0.0 346.0



#76
 1,2,3-Trichloropropane
 Concen: 25.873 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028662.D
 Acq: 12 Dec 2018 19:12

Tgt Ion: 75 Resp: 34027
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.8 62.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.471 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW312S-20181210

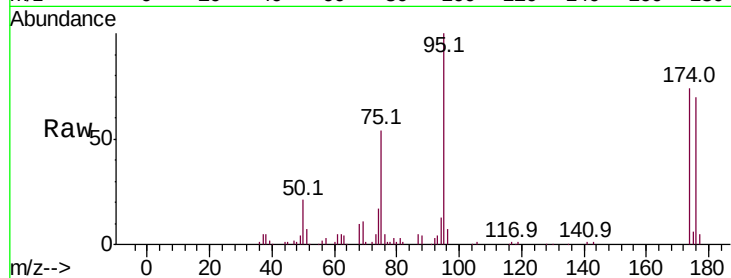
Tot Ion: 75 Resp: 34027

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

