

Data File : VU027534.D
Acq On : 09 Oct 2018 20:22
Operator : MD/SY
Sample : J5284-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-TB02-20181001

Quant Time: Oct 10 05:59:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	117642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	73135	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99066	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	4.89	113	69762	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	7.57	98	254452	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.31	95	79651	41.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.76%	

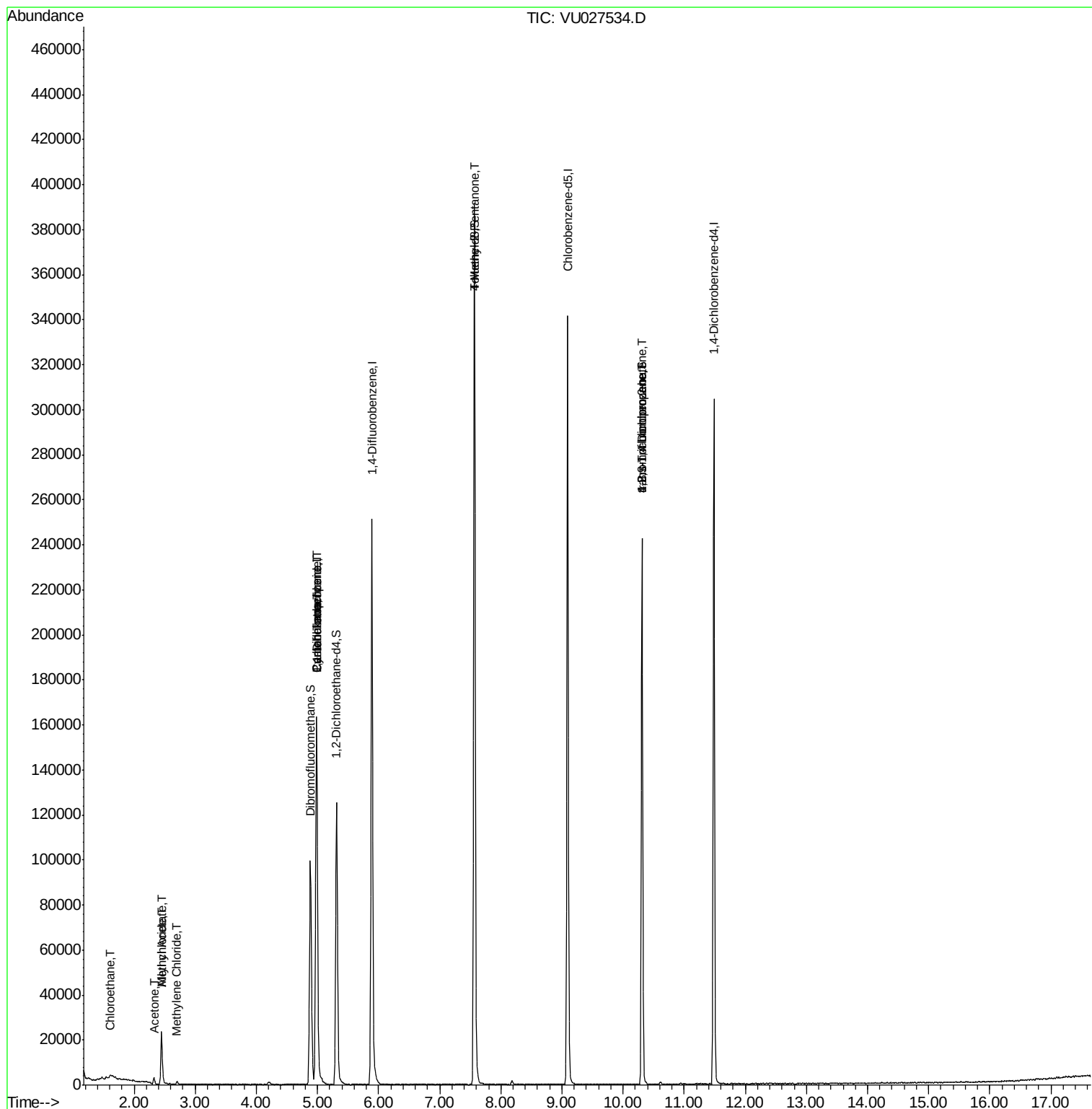
Target Compounds			Qvalue			
6) Chloroethane	1.61	64	1901	1.466	ug/l #	70
14) Allyl chloride	2.45	41	2321	0.787	ug/l #	64
16) Acetone	2.32	43	2859	2.464	ug/l	95
18) Methyl Acetate	2.45	43	6088	2.300	ug/l #	56
20) Methylene Chloride	2.70	84	562	0.348	ug/l #	87
31) Cyclohexane	4.99	56	2870	0.676	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10557	4.874	ug/l #	50
38) Carbon Tetrachloride	4.99	117	12214	6.242	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1332	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43016	22.690	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43016	59.382	ug/l #	100

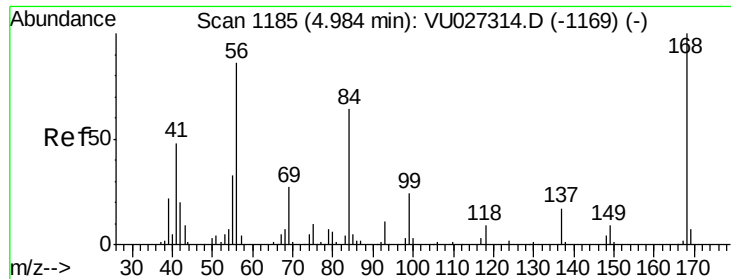
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

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ClientSampleId :

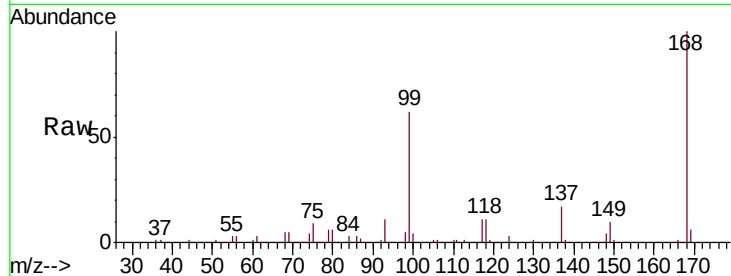
BP-TT-TB02-20181001

Tgt Ion:168 Resp: 117642

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027534.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027534.D (-1169) (-)

4.99

60000

50000

40000

30000

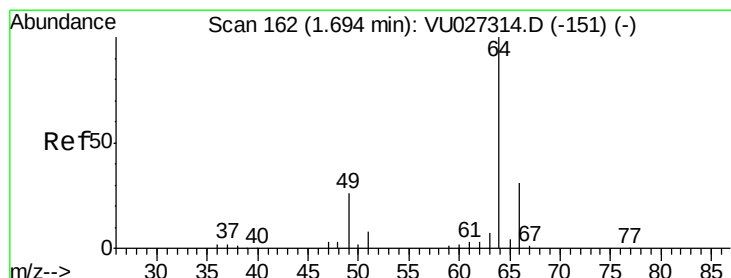
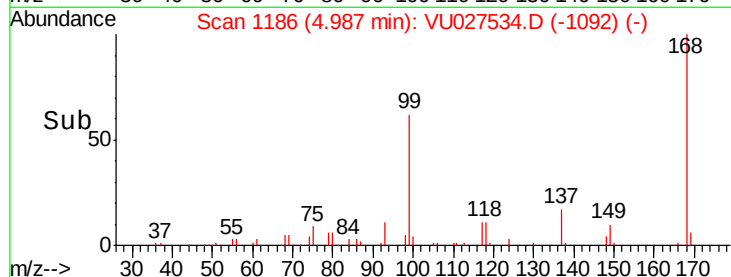
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 1.466 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.08 min

Lab File: VU027534.D

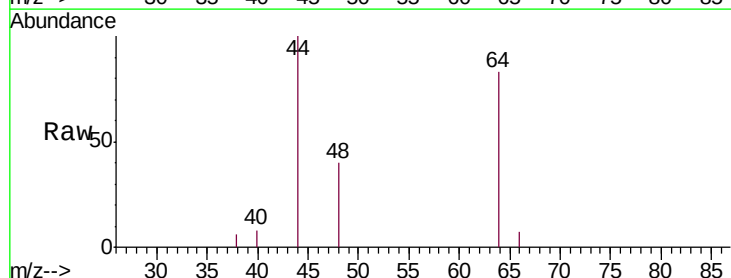
Acq: 09 Oct 2018 20:22

Tgt Ion: 64 Resp: 1901

Ion Ratio Lower Upper

64 100

66 14.5 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027534.D (-69) (-)

Ion 65.90 (65.60 to 66.60): VU027534.D (-69) (-)

1.61

1500

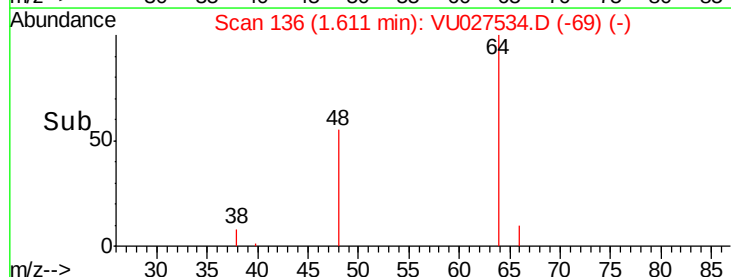
1000

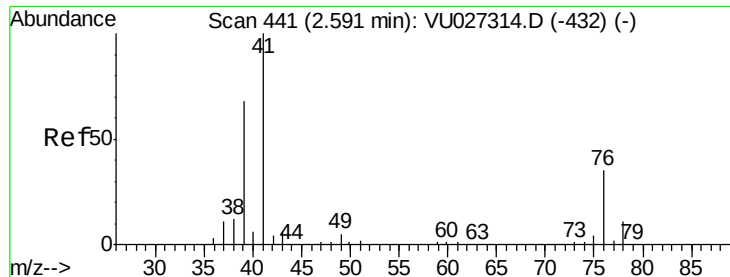
500

0

1.55 1.60

Time-->

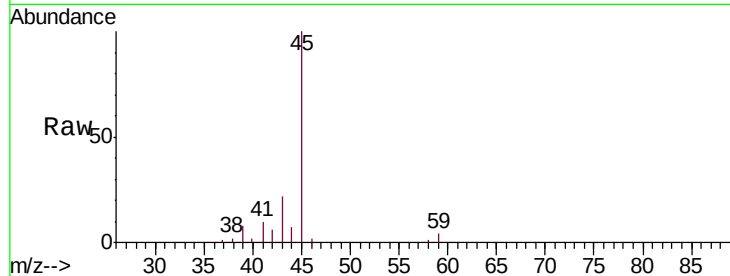




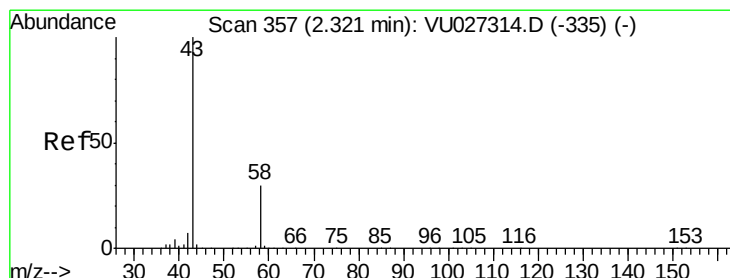
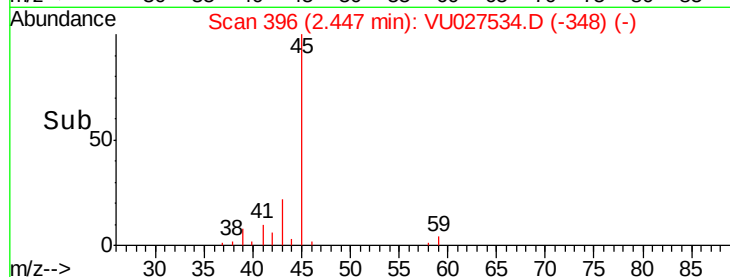
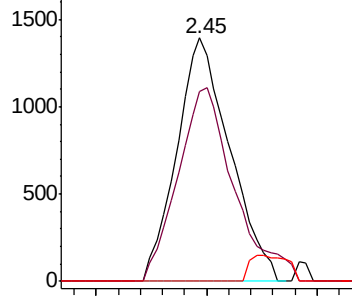
#14
 Allyl chloride
 Concen: 0.787 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027534.D
 Acq: 09 Oct 2018 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-TB02-20181001

Tgt Ion: 41 Resp: 2321
 Ion Ratio Lower Upper
 41 100
 39 84.6 51.8 77.8#
 76 0.0 25.9 38.9#

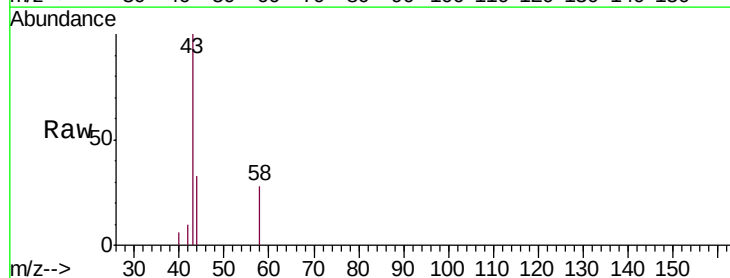


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

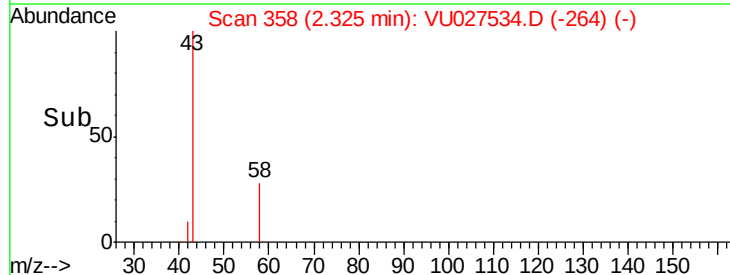
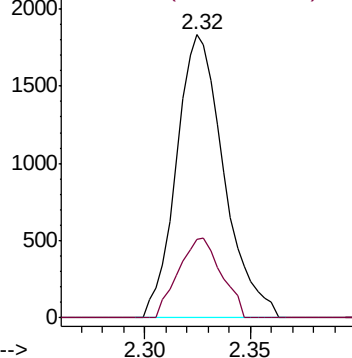


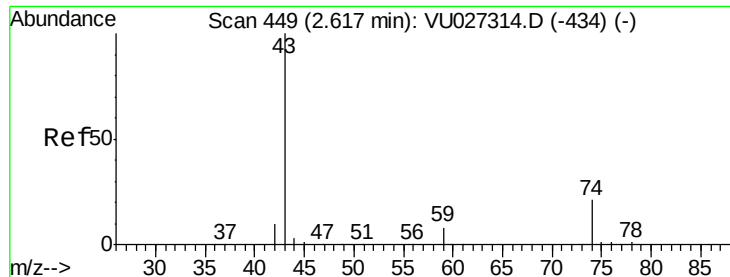
#16
 Acetone
 Concen: 2.464 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027534.D
 Acq: 09 Oct 2018 20:22

Tgt Ion: 43 Resp: 2859
 Ion Ratio Lower Upper
 43 100
 58 27.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

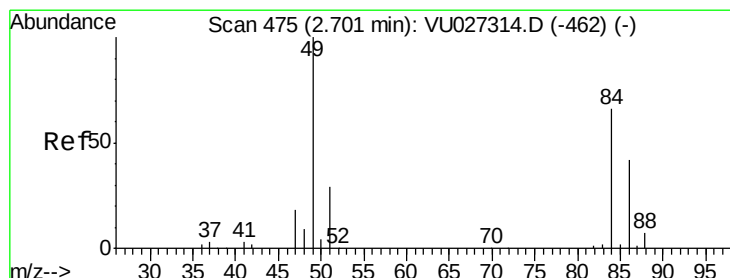
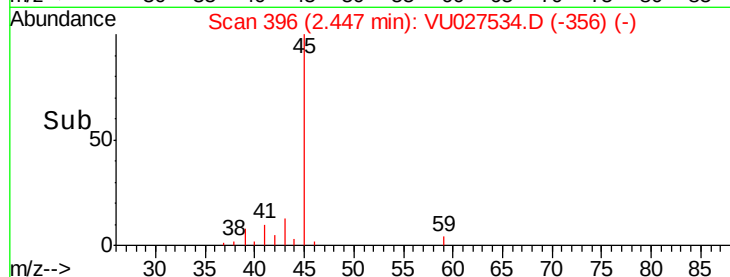
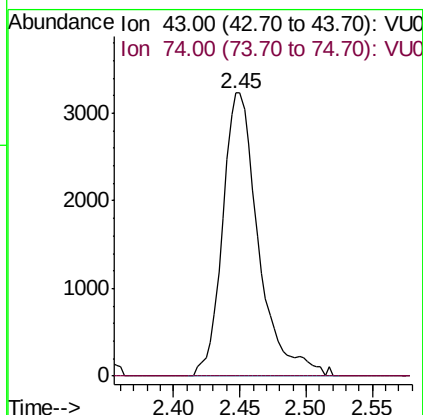
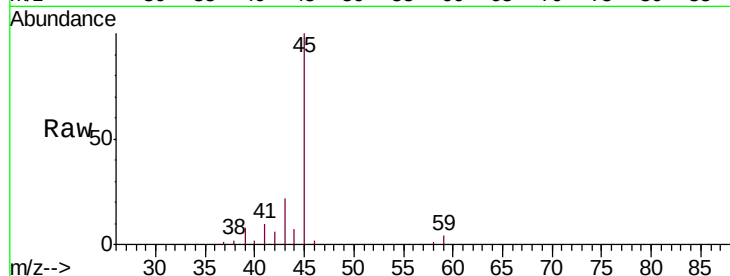




#18
Methyl Acetate
Concen: 2.300 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

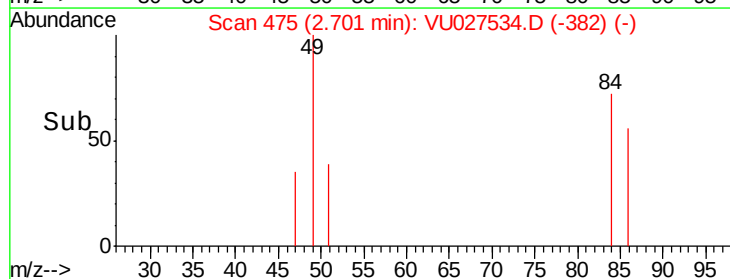
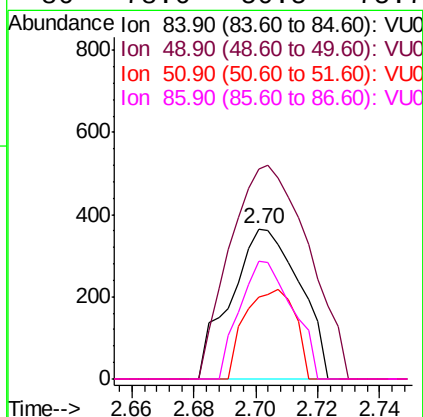
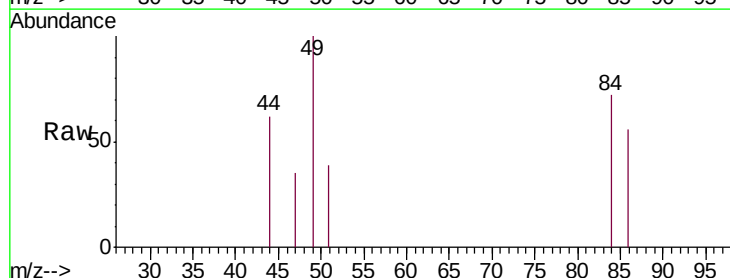
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-TB02-20181001

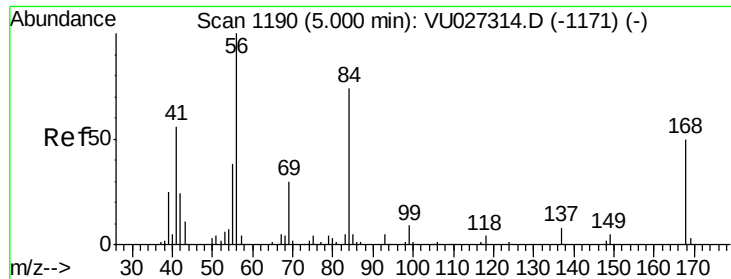
Tgt Ion: 43 Resp: 6088
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

Tgt Ion: 84 Resp: 562
Ion Ratio Lower Upper
84 100
49 139.7 120.5 180.7
51 54.2 35.1 52.7#
86 78.6 50.5 75.7#

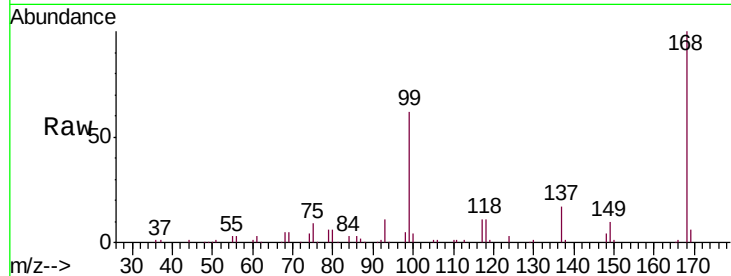




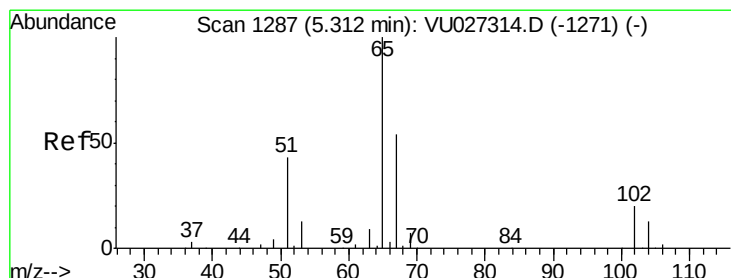
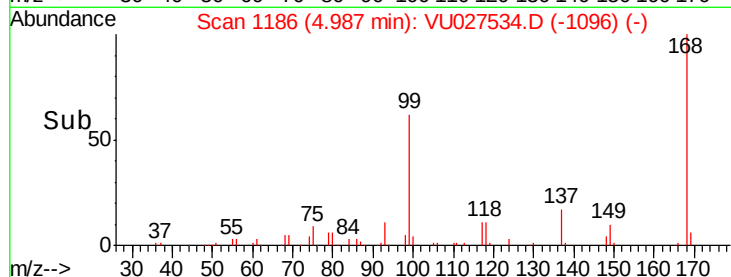
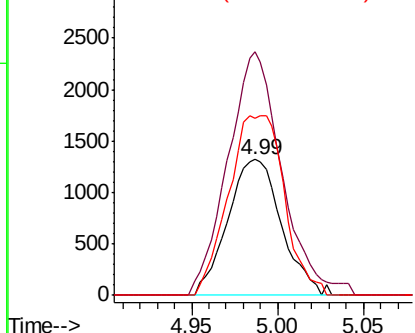
#31
Cyclohexane
Concen: 0.676 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-TB02-20181001

Tgt Ion: 56 Resp: 2870
Ion Ratio Lower Upper
56 100
69 179.6 24.1 36.1#
84 130.2 59.1 88.7#

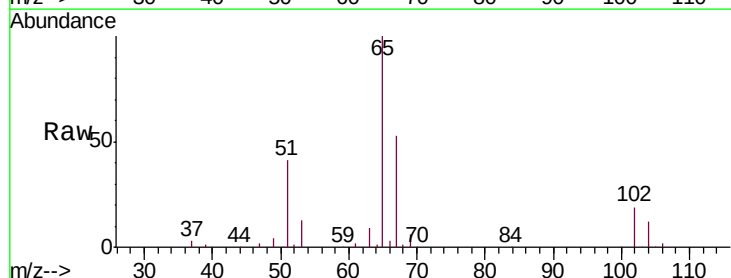


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

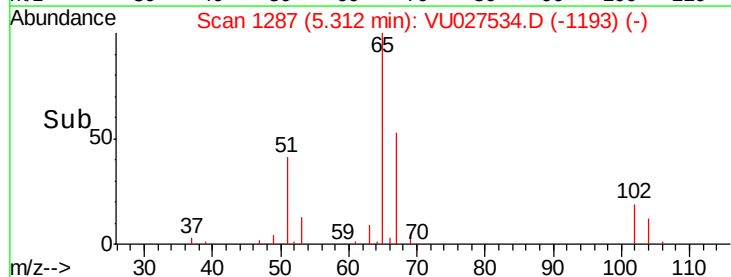
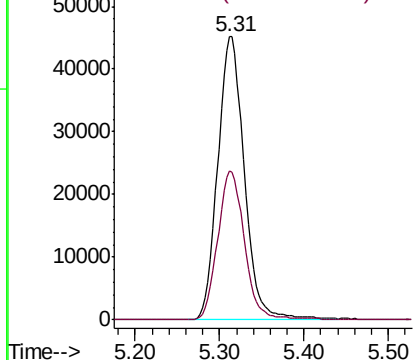


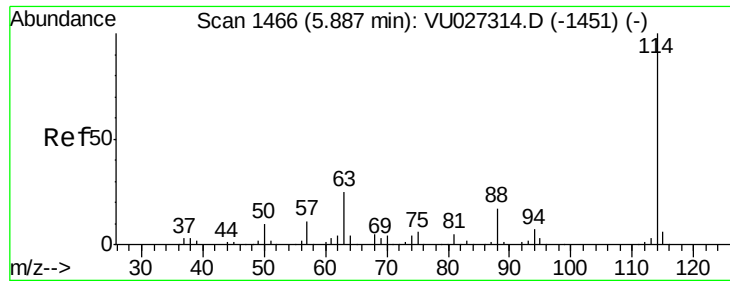
#33
1,2-Dichloroethane-d4
Concen: 50.430 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

Tgt Ion: 65 Resp: 99066
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-TB02-20181001

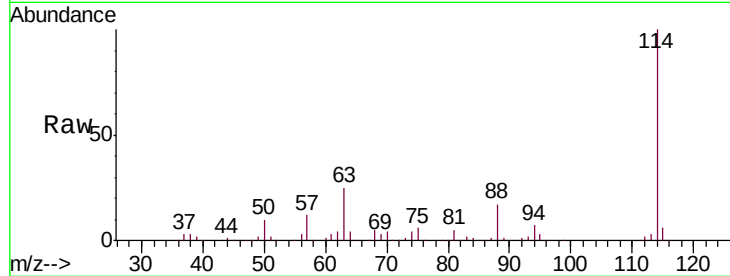
Tgt Ion:114 Resp: 199501

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

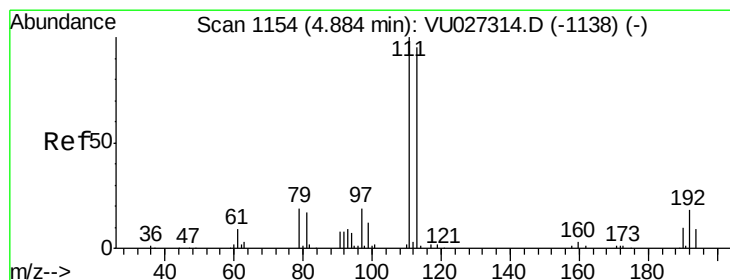
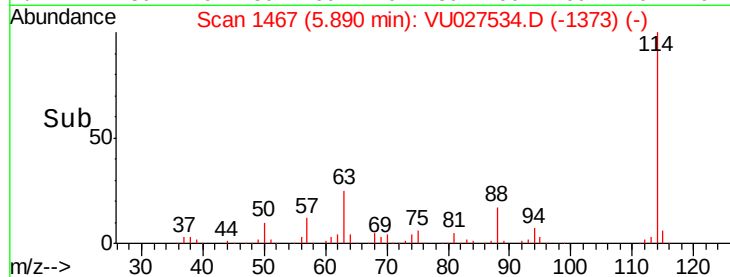
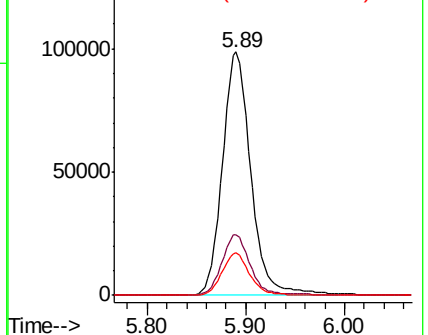
88 17.3 0.0 33.8



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: 51.024 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

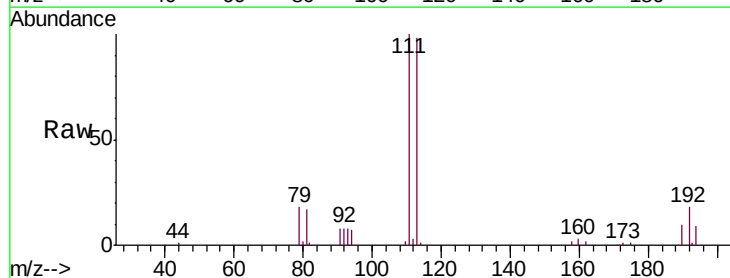
Tgt Ion:113 Resp: 69762

Ion Ratio Lower Upper

113 100

111 103.9 83.1 124.7

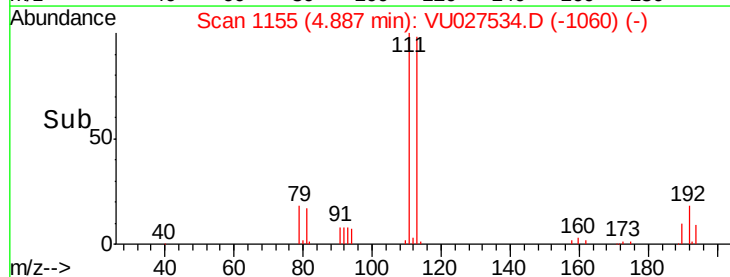
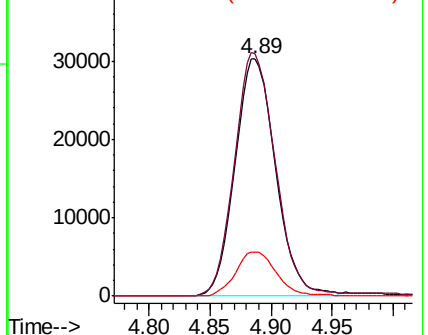
192 18.6 15.4 23.0

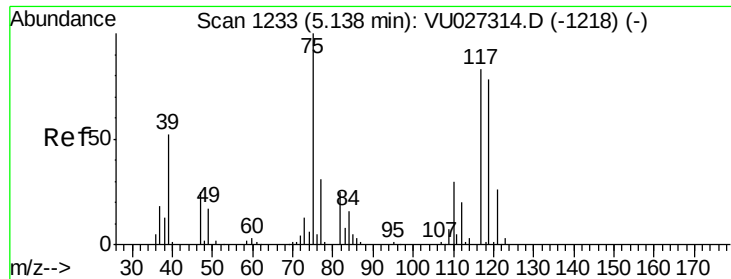


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

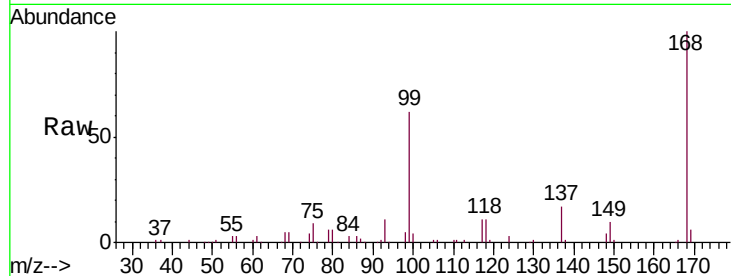




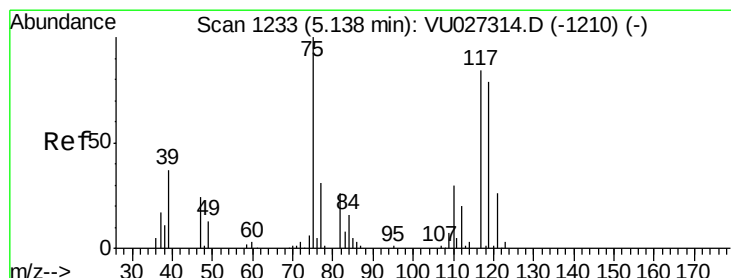
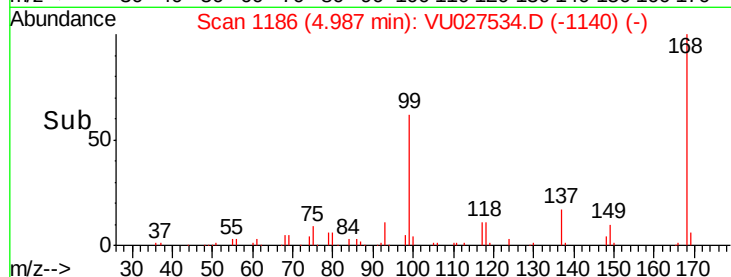
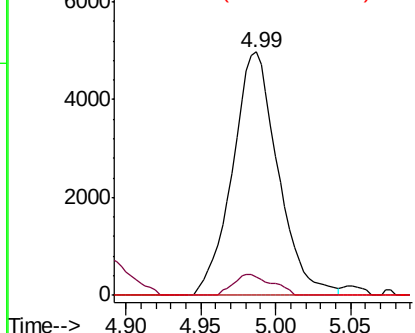
#36
 1,1-Dichloropropene
 Concen: 4.874 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027534.D
 Acq: 09 Oct 2018 20:22

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 10557
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.5 46.5#
 77 0.0 25.4 38.0#

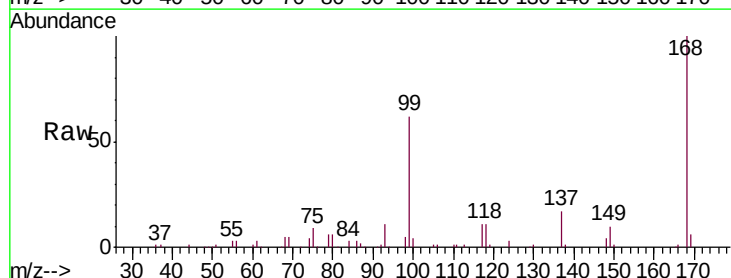


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

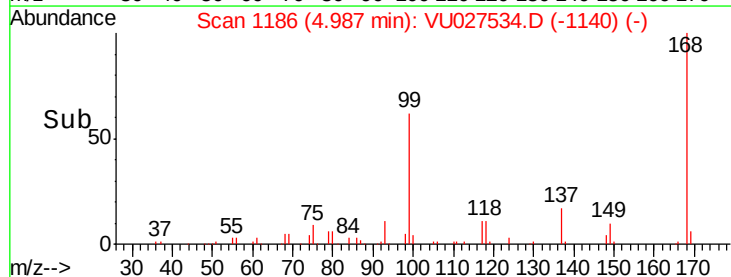
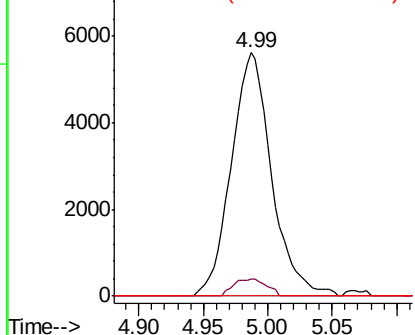


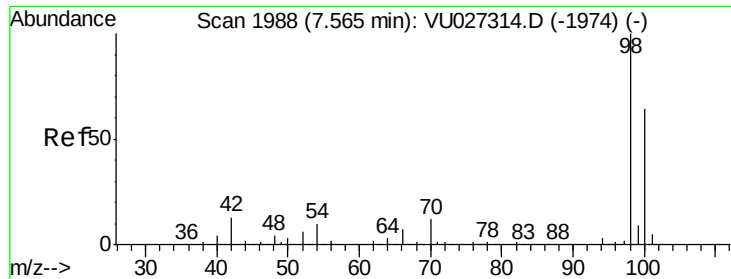
#38
 Carbon Tetrachloride
 Concen: 6.242 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027534.D
 Acq: 09 Oct 2018 20:22

Tgt Ion: 117 Resp: 12214
 Ion Ratio Lower Upper
 117 100
 119 7.1 74.5 111.7#
 121 0.0 24.6 37.0#



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

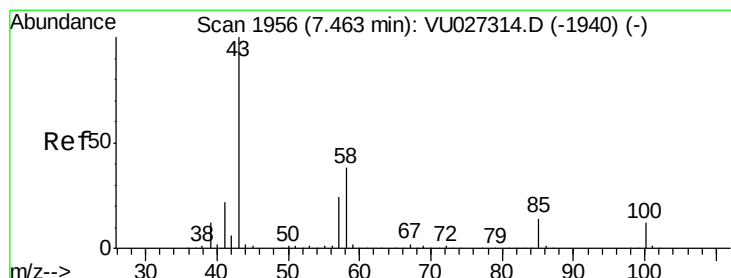
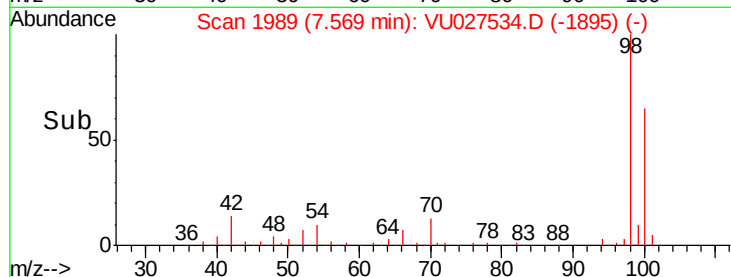
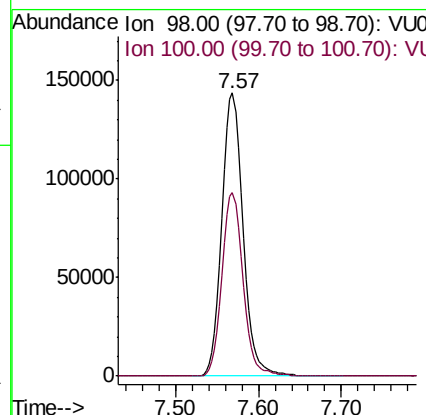
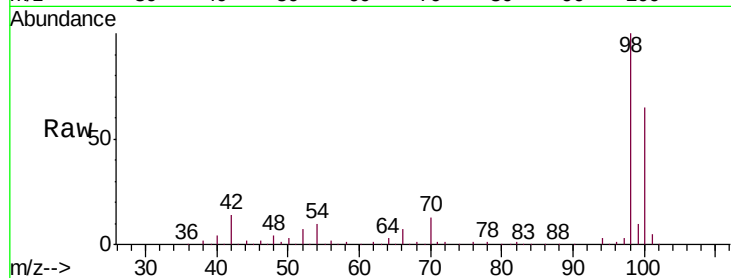




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

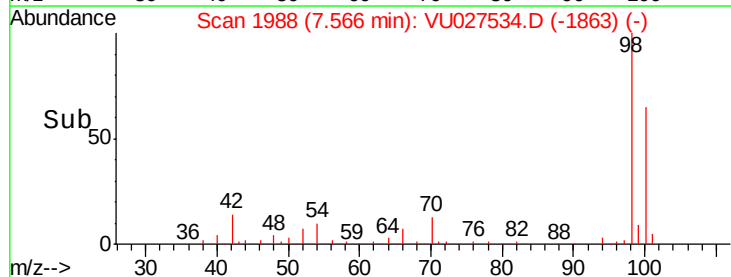
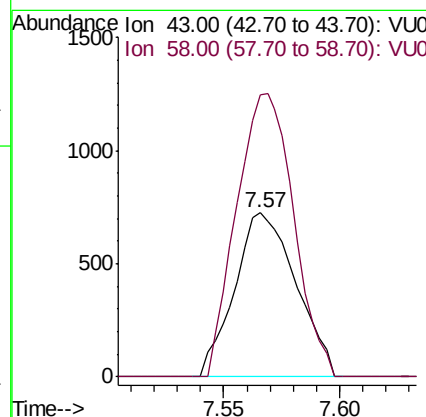
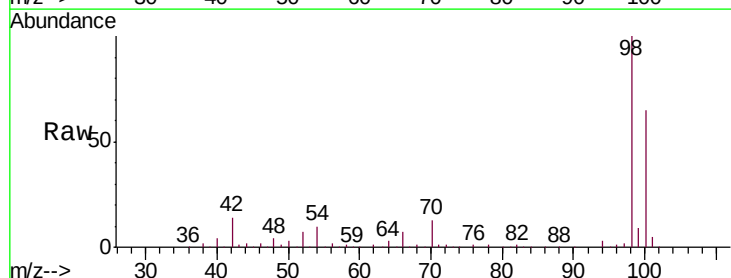
Instrument :
MSVOA_U
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BP-TT-TB02-20181001

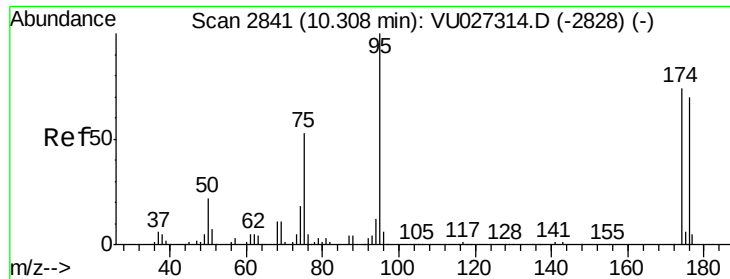
Tgt Ion: 98 Resp: 254452
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027534.D
Acq: 09 Oct 2018 20:22

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 160.6 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 41.883 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-TB02-20181001

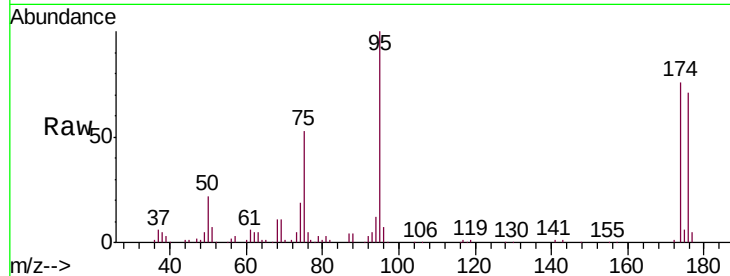
Tgt Ion: 95 Resp: 79651

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.8

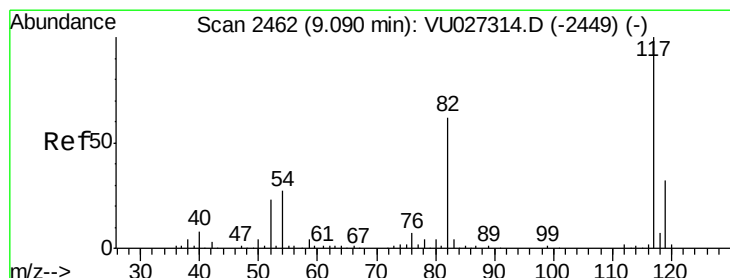
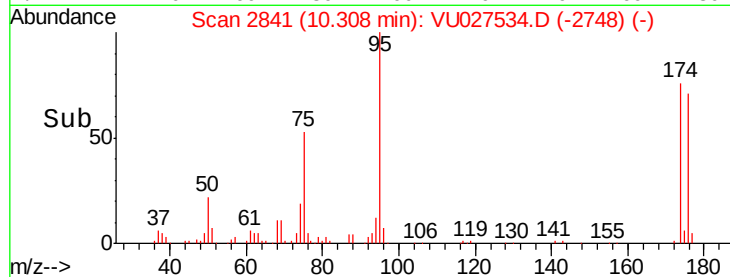
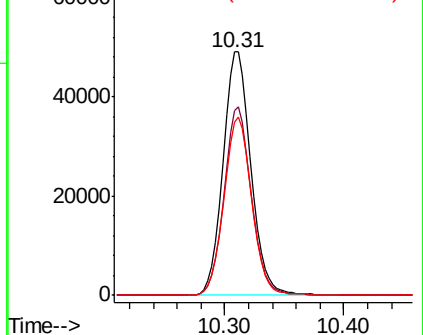
176 72.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027534.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027534.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027534.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

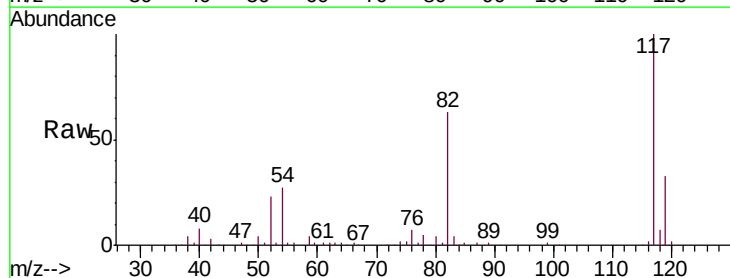
Tgt Ion: 117 Resp: 176946

Ion Ratio Lower Upper

117 100

82 63.4 49.2 73.8

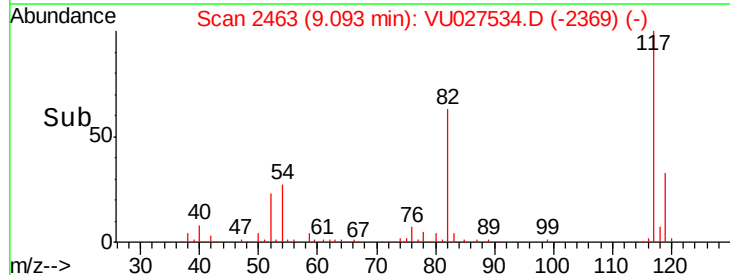
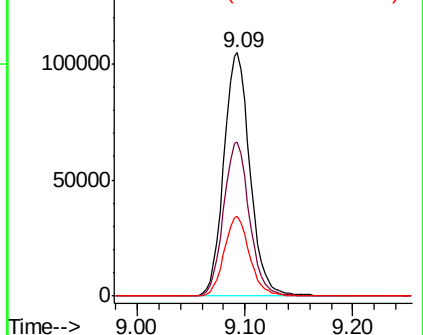
119 32.8 25.7 38.5

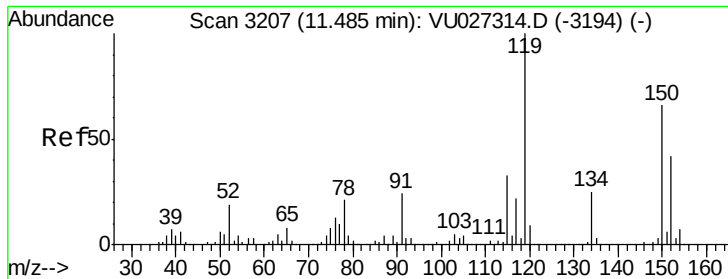


Abundance Ion 116.90 (116.60 to 117.60): VU027534.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027534.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027534.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-TB02-20181001

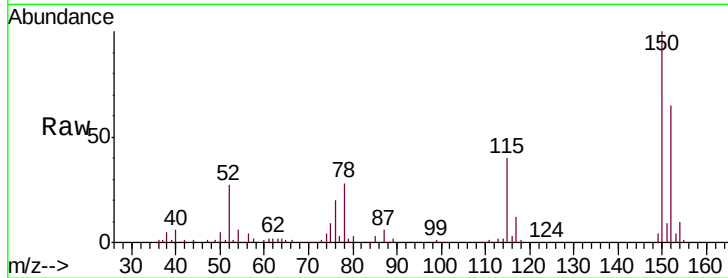
Tgt Ion:152 Resp: 73135

Ion Ratio Lower Upper

152 100

115 61.7 43.4 130.2

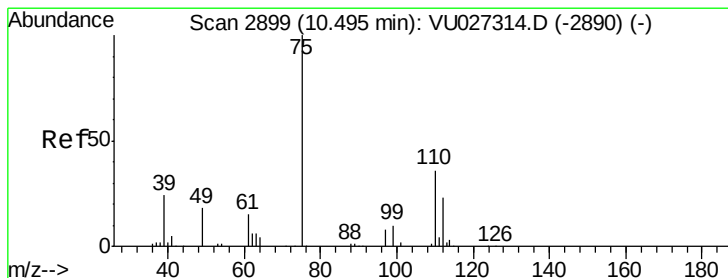
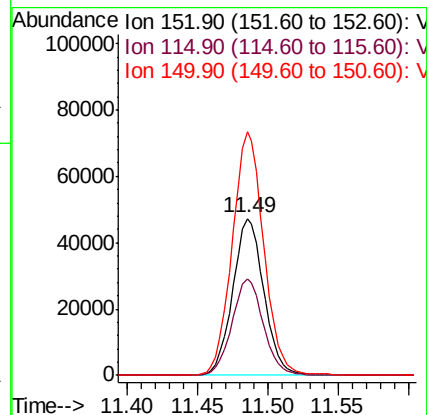
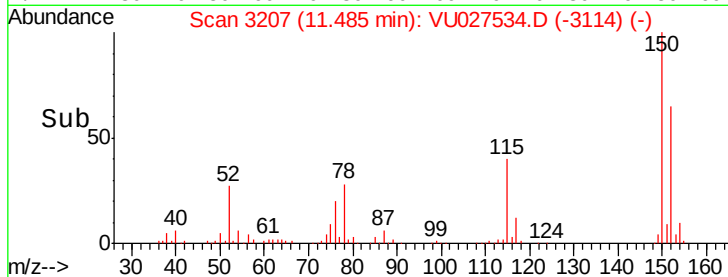
150 157.2 0.0 349.2



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: 22.690 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027534.D

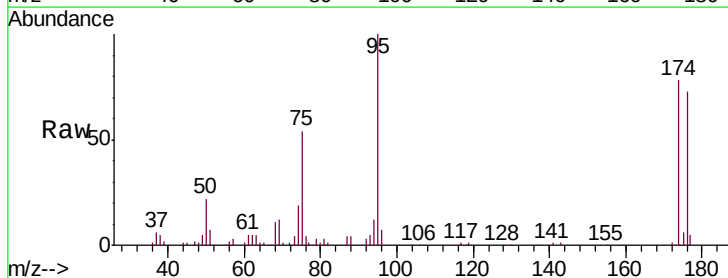
Acq: 09 Oct 2018 20:22

Tgt Ion: 75 Resp: 43016

Ion Ratio Lower Upper

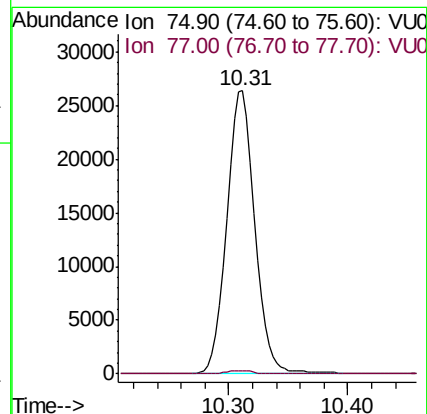
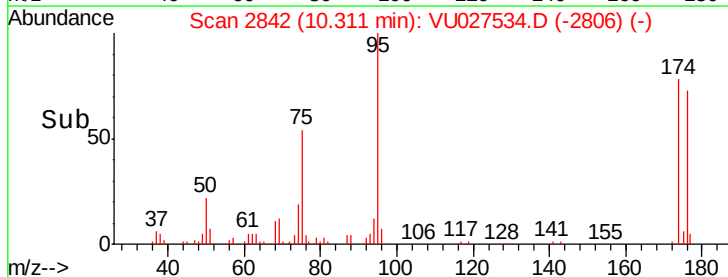
75 100

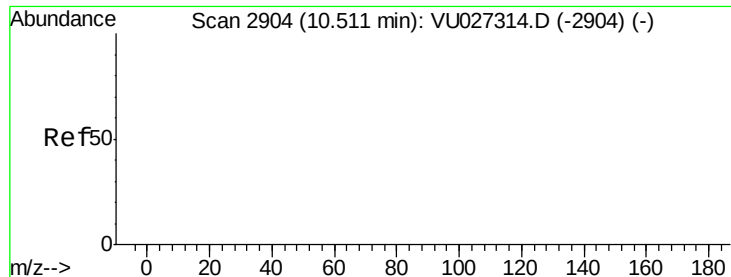
77 1.0 20.3 60.9#



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: 59.382 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU027534.D

Acq: 09 Oct 2018 20:22

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-TB02-20181001

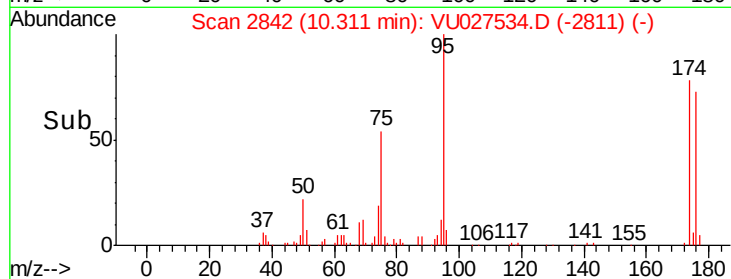
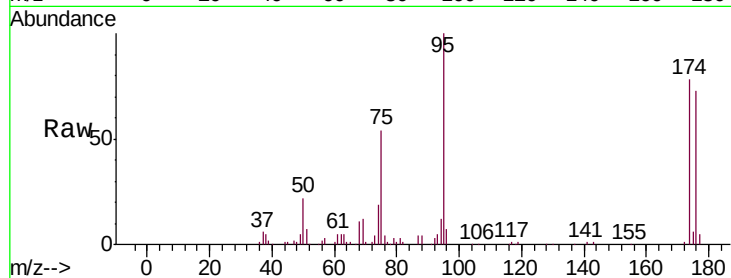
Tgt Ion: 75 Resp: 43016

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

