

Data File : VU027072.D
Acq On : 23 Sep 2018 15:19
Operator : MD/SY
Sample : J4954-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 114 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ147-20180914

Quant Time: Sep 24 07:14:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	105363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	176795	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	110374	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	4.89	113	75242	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	7.57	98	286762	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.31	95	93198	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

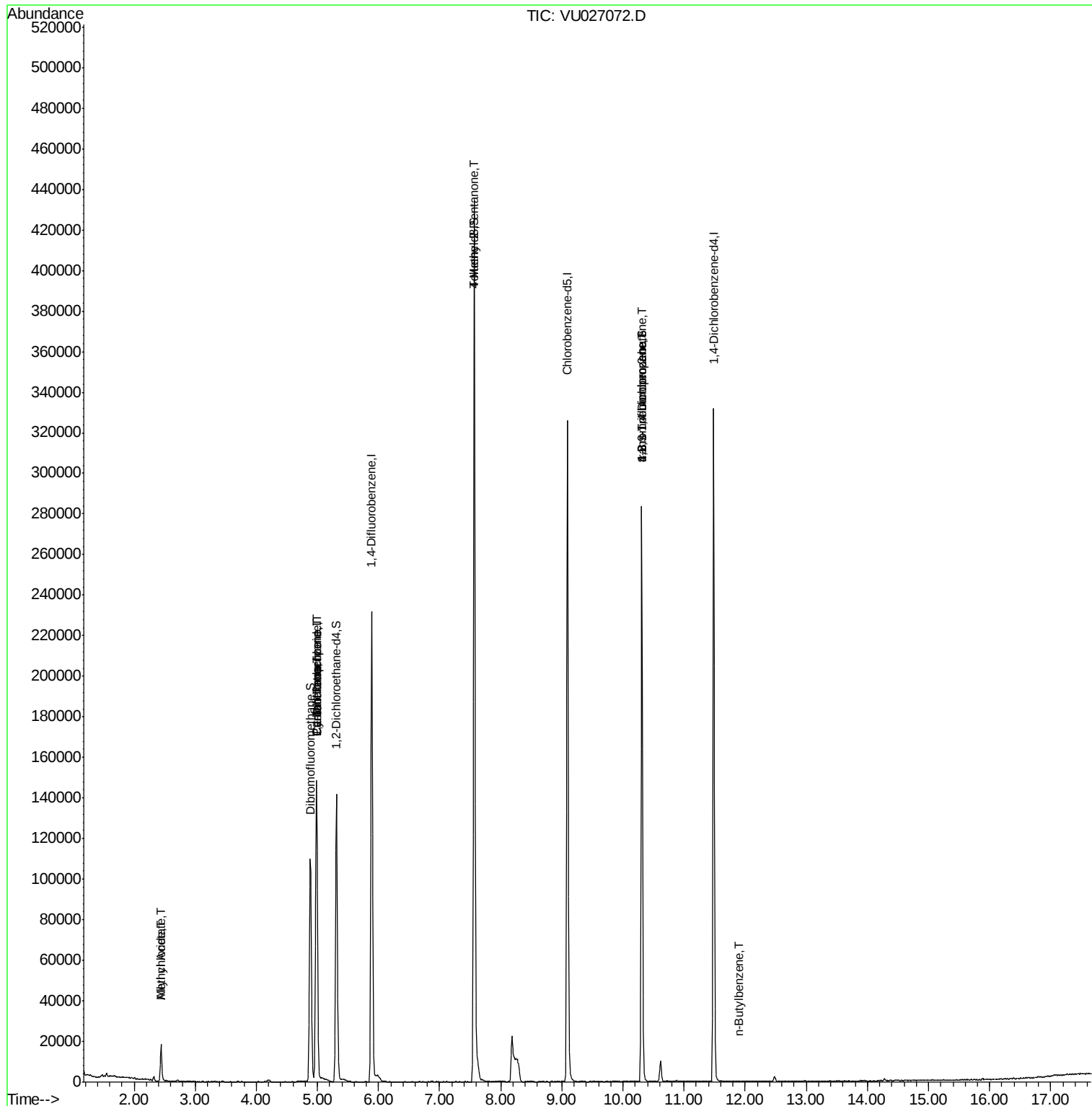
						Qvalue
14) Allyl chloride	2.44	41	1734	0.587	ug/l #	71
16) Acetone	2.32	43	2522	Below Cal		92
18) Methyl Acetate	2.44	43	4549	1.507	ug/l #	55
31) Cyclohexane	4.99	56	2761	0.302	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9658	4.093	ug/l #	50
38) Carbon Tetrachloride	4.99	117	10920	4.863	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1436	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	50661	21.281	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	50661	68.102	ug/l #	100
89) n-Butylbenzene	11.89	91	59	2.403	ug/l #	33

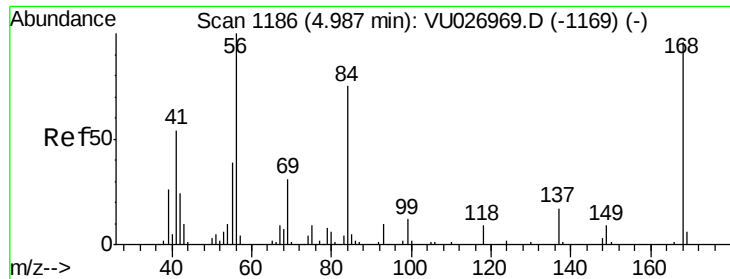
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

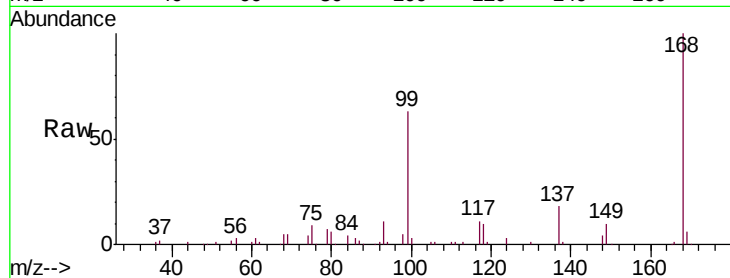
SA-PZ147-20180914

Tgt Ion:168 Resp: 105363

Ion Ratio Lower Upper

168 100

99 62.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

50000

40000

30000

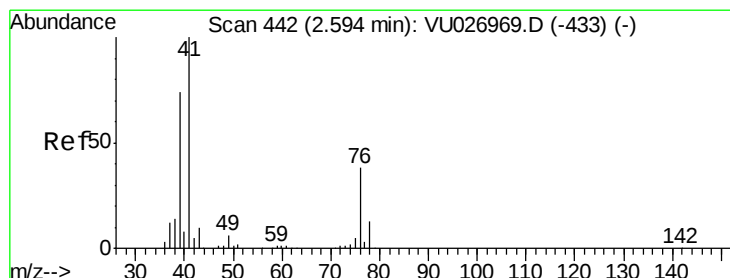
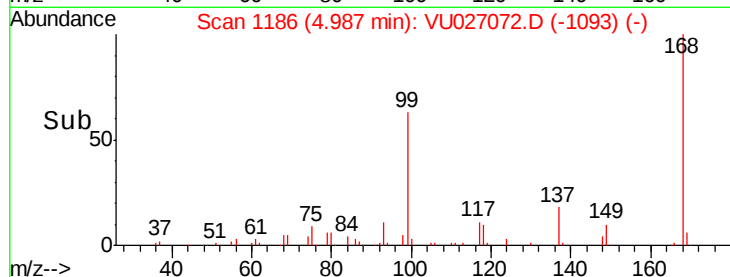
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#14

Allyl chloride

Concen: 0.587 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

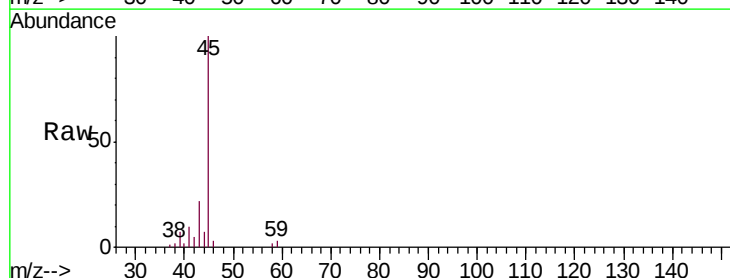
Tgt Ion: 41 Resp: 1734

Ion Ratio Lower Upper

41 100

39 81.9 55.7 83.5

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.44

1500

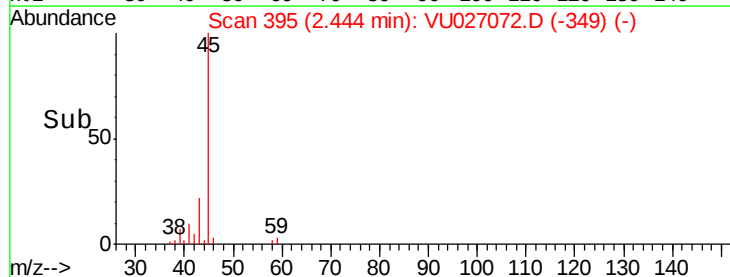
1000

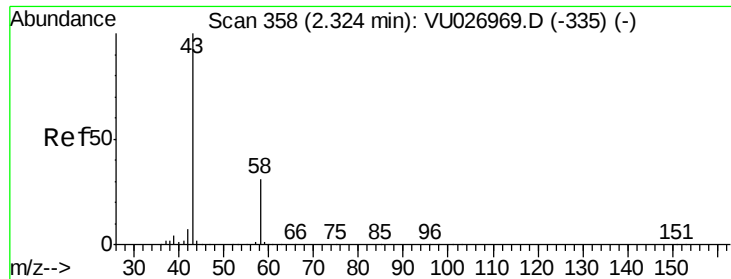
500

0

Time-->

2.40 2.45 2.50





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

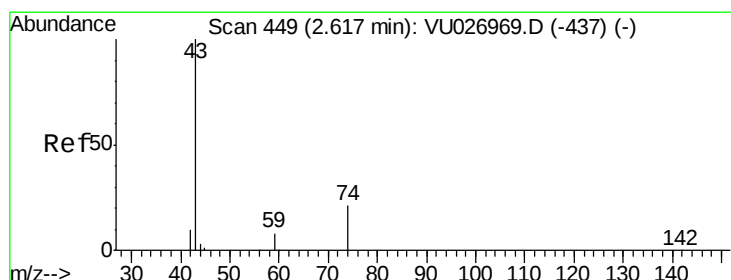
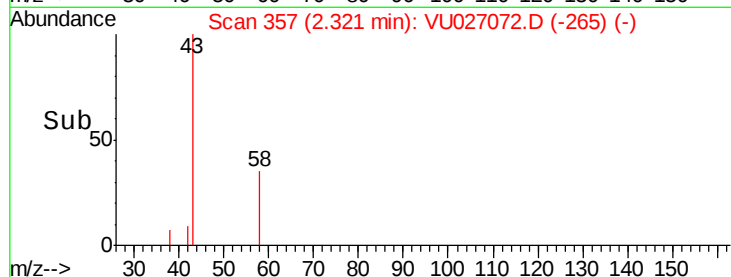
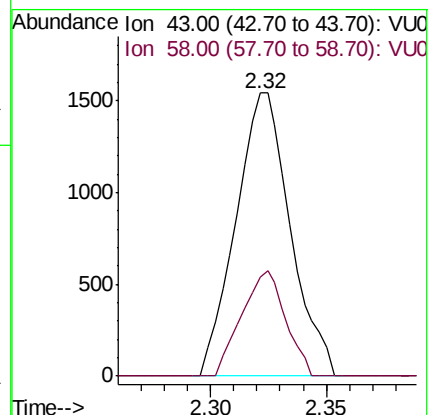
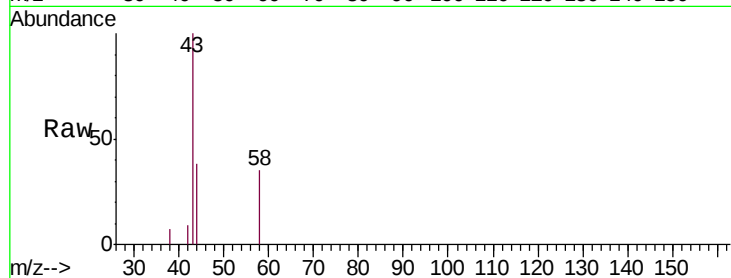
SA-PZ147-20180914

Tgt Ion: 43 Resp: 2522

Ion Ratio Lower Upper

43 100

58 34.9 24.6 36.8



#18

Methyl Acetate

Concen: 1.507 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027072.D

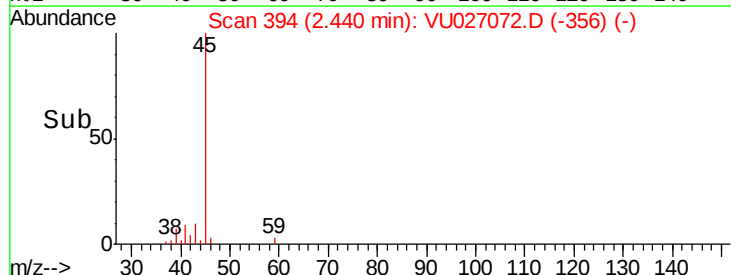
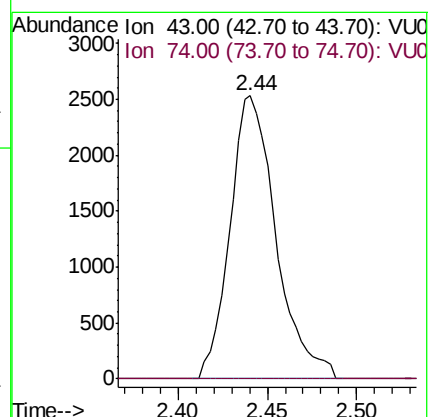
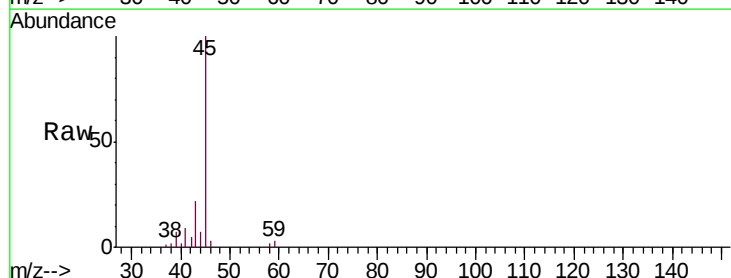
Acq: 23 Sep 2018 15:19

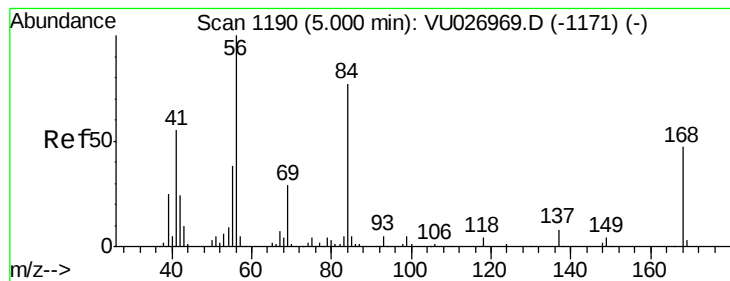
Tgt Ion: 43 Resp: 4549

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#





#31

Cyclohexane

Concen: 0.302 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ147-20180914

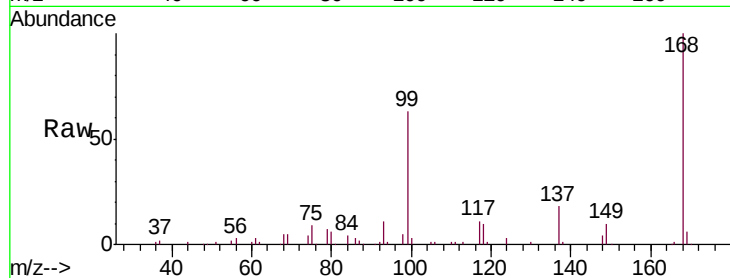
Tgt Ion: 56 Resp: 2761

Ion Ratio Lower Upper

56 100

69 167.4 23.0 34.4#

84 126.6 61.4 92.2#

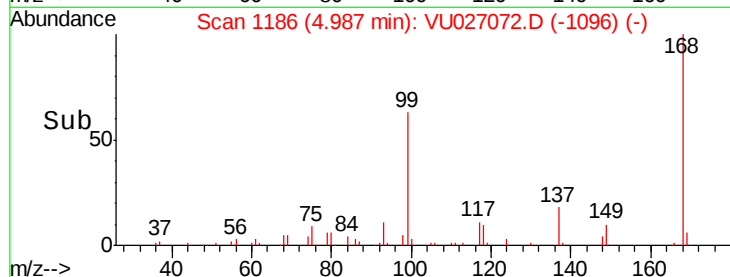


Abundance Ion 56.00 (55.70 to 56.70): VU027072.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU027072.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU027072.D (-1186) (-)

Time-->

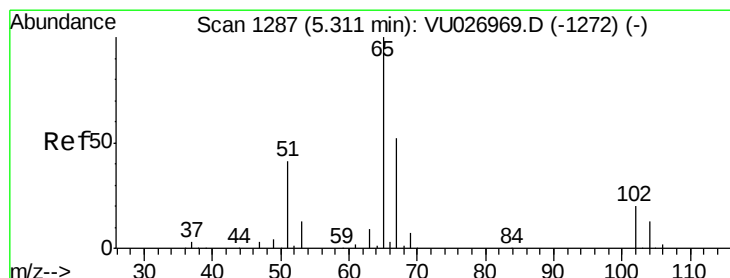


Abundance Ion 56.00 (55.70 to 56.70): VU027072.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU027072.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU027072.D (-1186) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.048 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027072.D

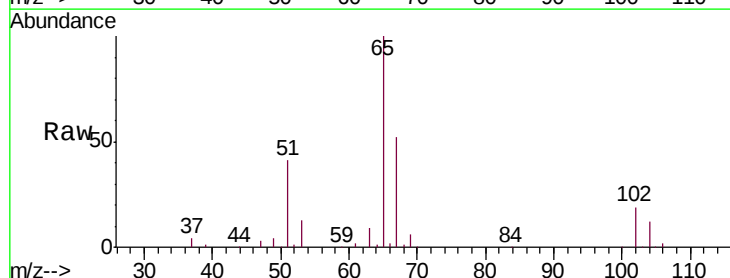
Acq: 23 Sep 2018 15:19

Tgt Ion: 65 Resp: 110374

Ion Ratio Lower Upper

65 100

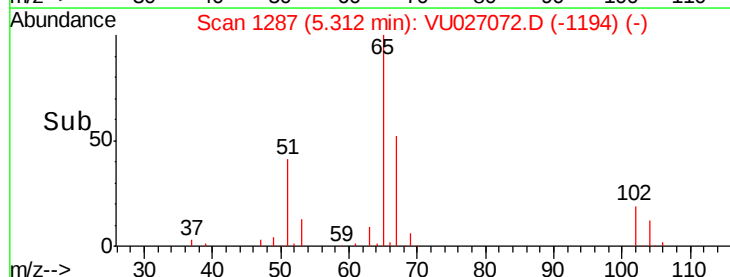
67 52.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027072.D (-1287) (-)

Ion 66.90 (66.60 to 67.60): VU027072.D (-1287) (-)

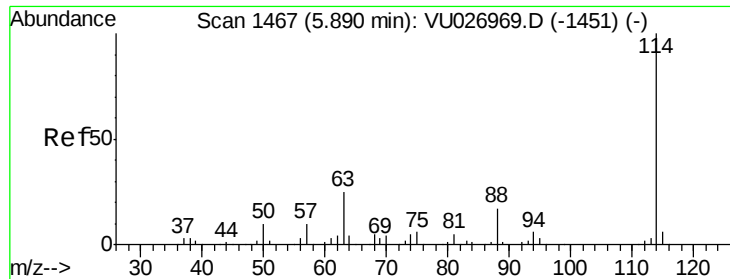
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VU027072.D (-1287) (-)

Ion 66.90 (66.60 to 67.60): VU027072.D (-1287) (-)

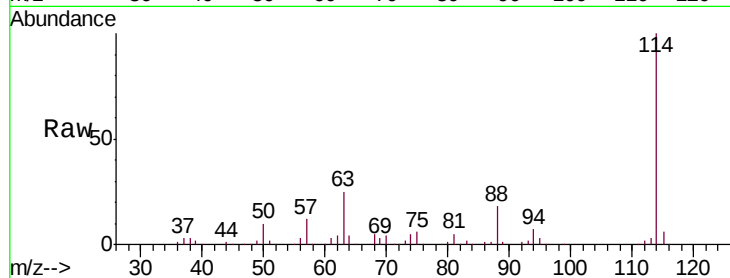
Time-->



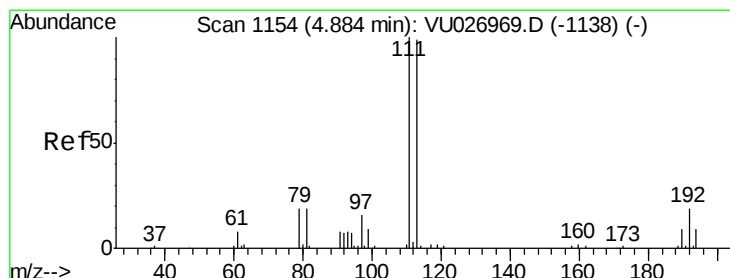
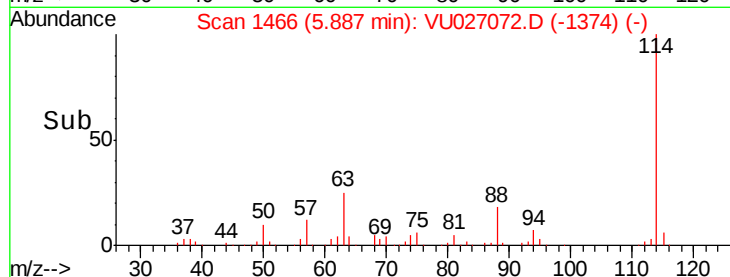
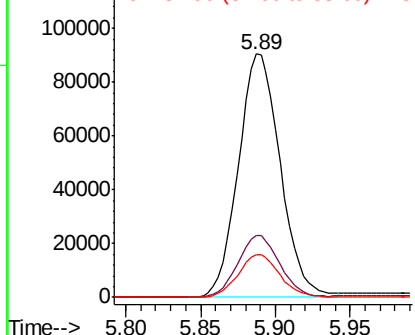
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027072.D
 Acq: 23 Sep 2018 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ147-20180914

Tgt Ion:114 Resp: 176795
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.6 0.0 33.8

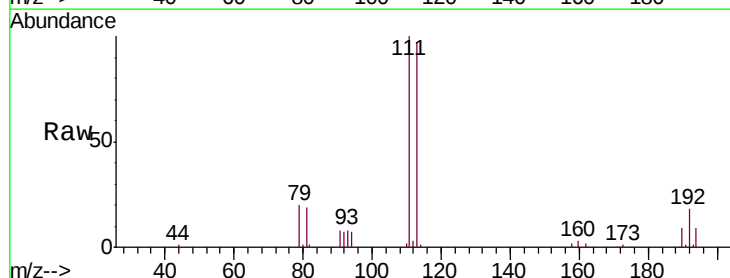


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

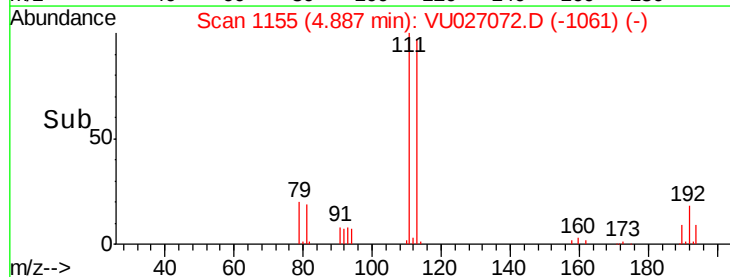
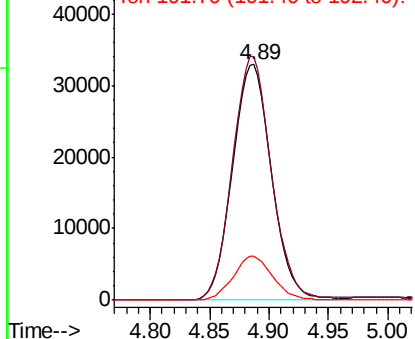


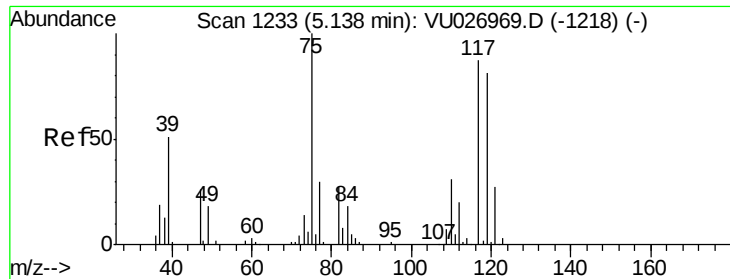
#35
 Dibromofluoromethane
 Concen: 49.099 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027072.D
 Acq: 23 Sep 2018 15:19

Tgt Ion:113 Resp: 75242
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.7 15.2 22.8



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

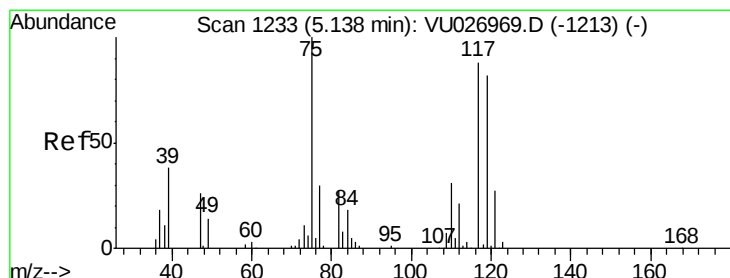
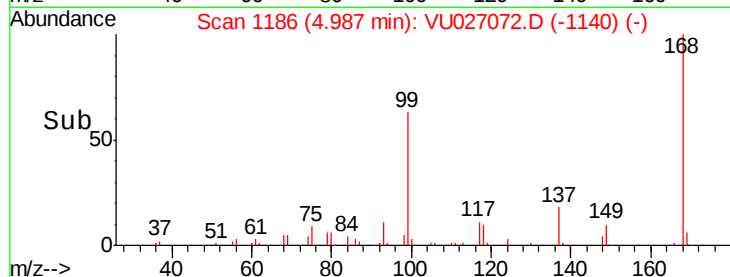
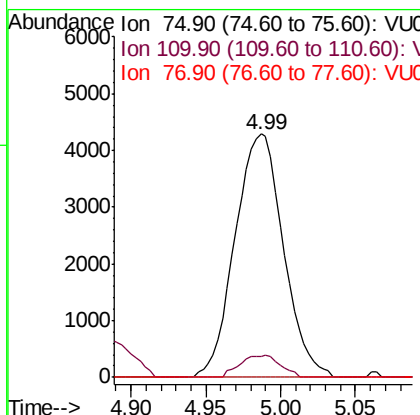
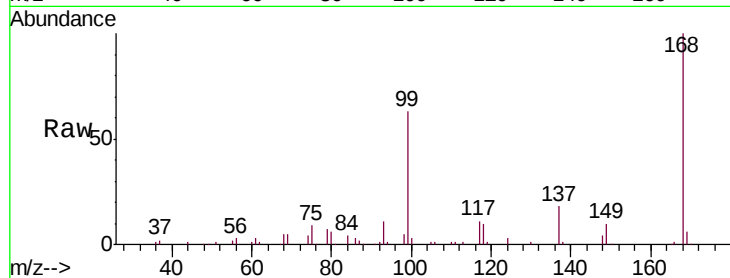




#36
 1,1-Dichloropropene
 Concen: 4.093 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027072.D
 Acq: 23 Sep 2018 15:19

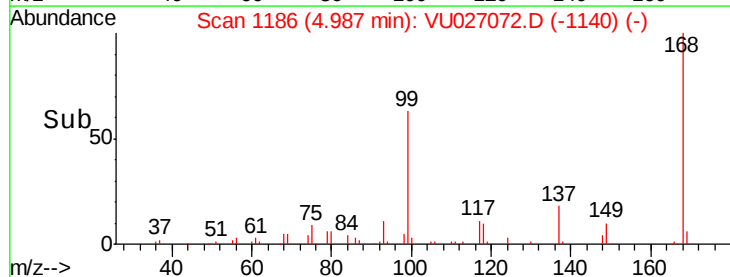
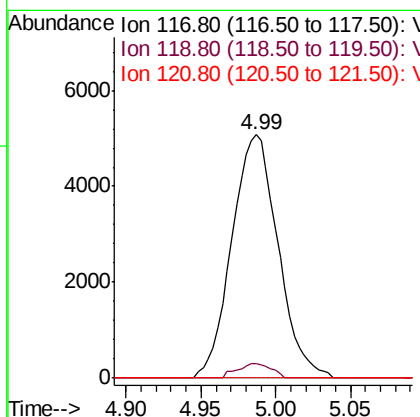
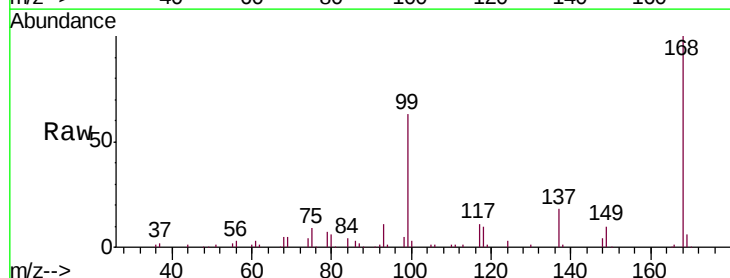
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ147-20180914

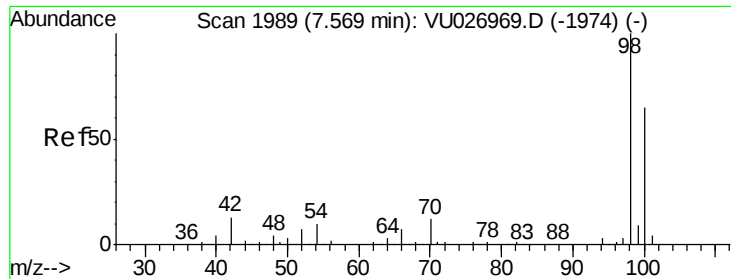
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.1	48.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.863 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027072.D
 Acq: 23 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.4	111.6#
121	0.0	24.2	36.4#

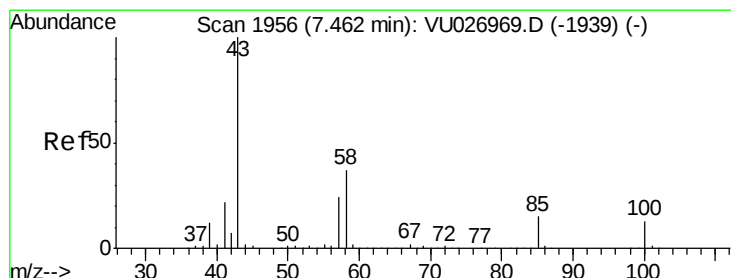
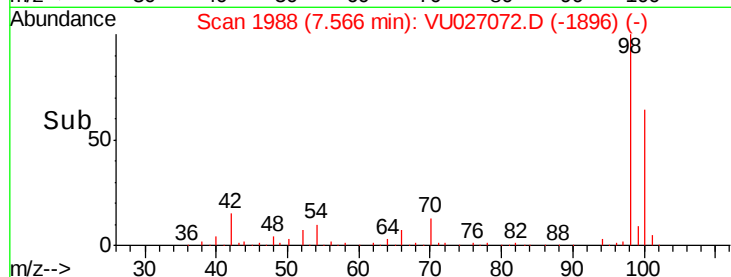
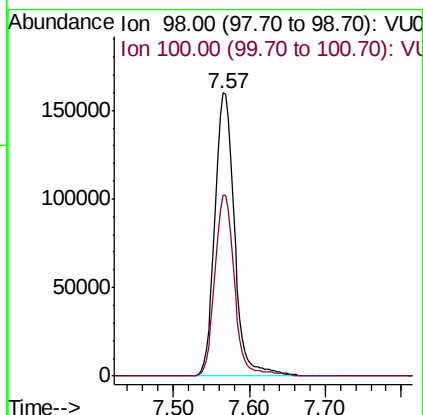
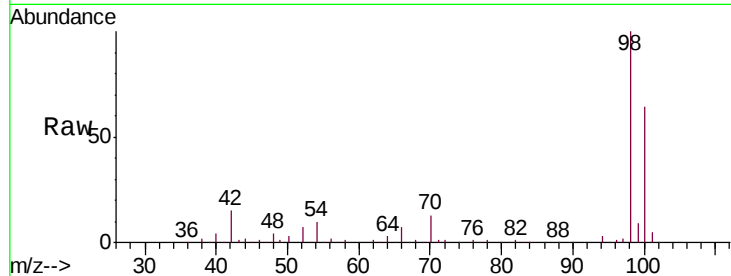




#50
Toluene-d8
Concen: 49.101 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027072.D
Acq: 23 Sep 2018 15:19

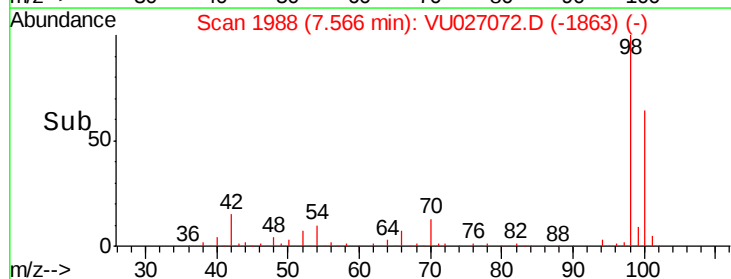
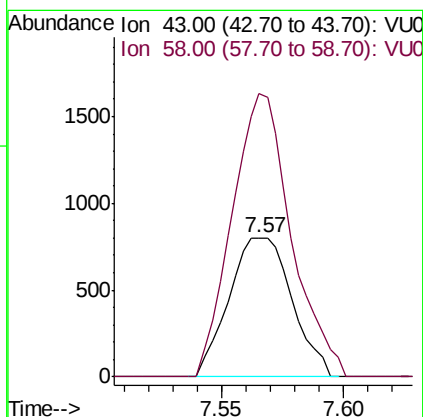
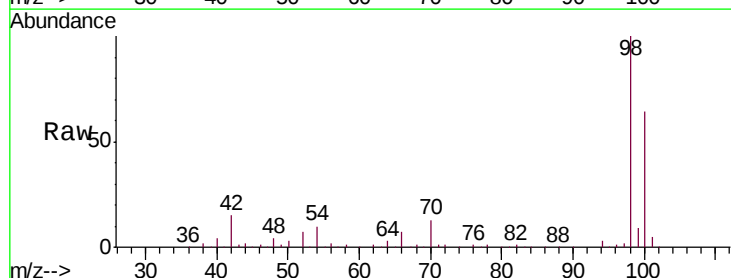
Instrument :
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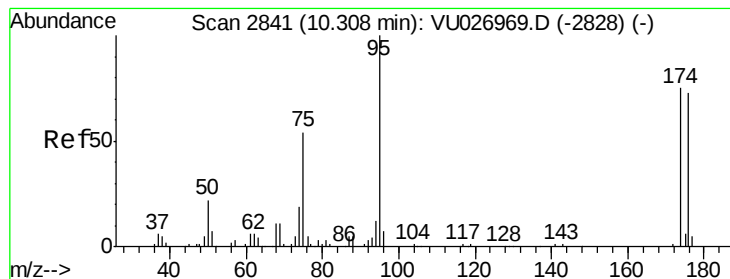
Tgt Ion: 98 Resp: 286762
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027072.D
Acq: 23 Sep 2018 15:19

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 191.2 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 46.506 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ147-20180914

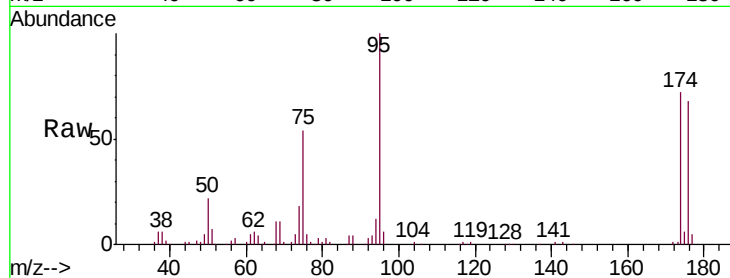
Tgt Ion: 95 Resp: 93198

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.2

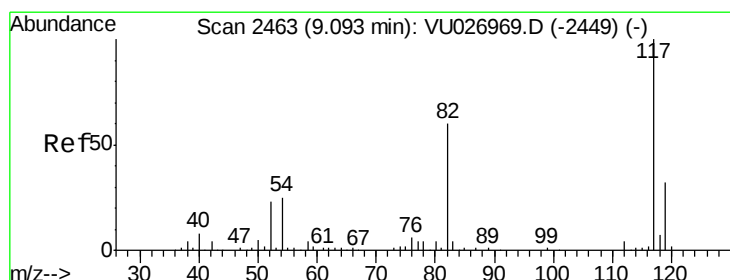
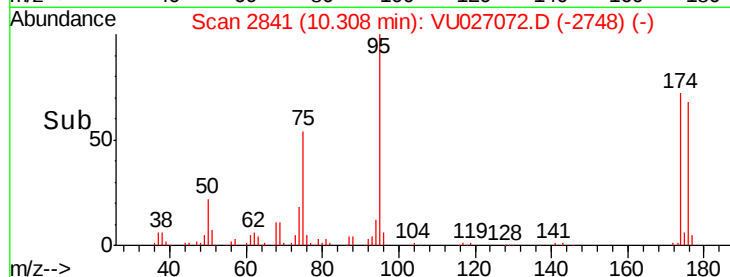
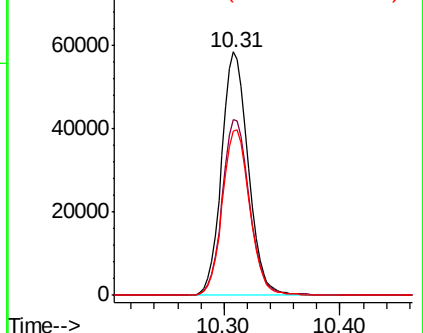
176 69.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

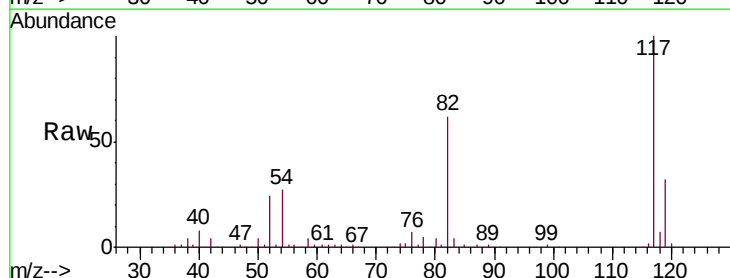
Tgt Ion: 117 Resp: 169604

Ion Ratio Lower Upper

117 100

82 61.8 48.0 72.0

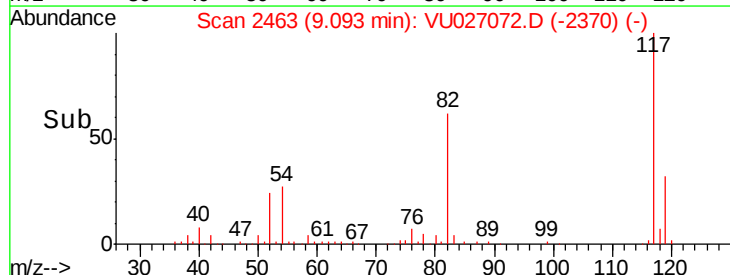
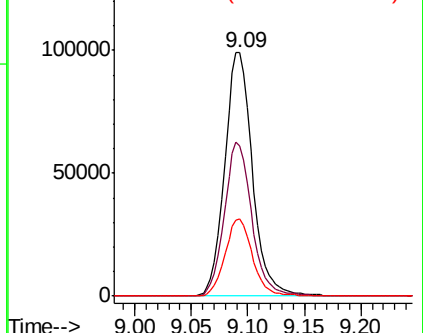
119 31.9 25.8 38.8

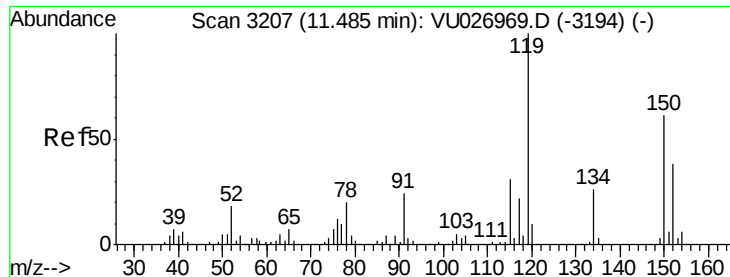


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ147-20180914

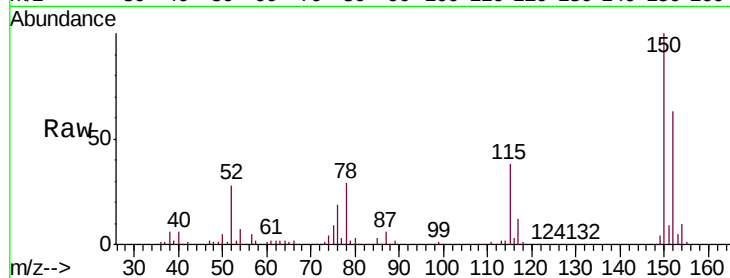
Tgt Ion:152 Resp: 78362

Ion Ratio Lower Upper

152 100

115 61.2 44.9 134.5

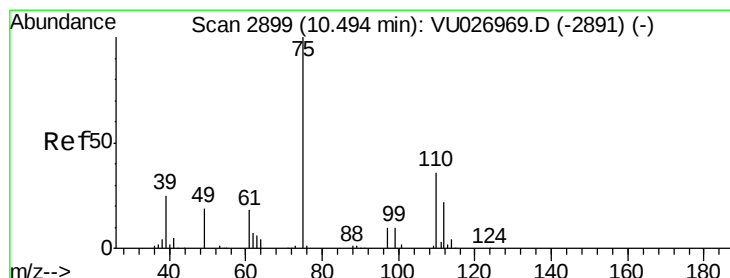
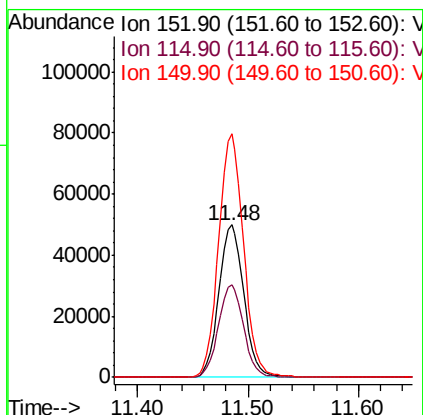
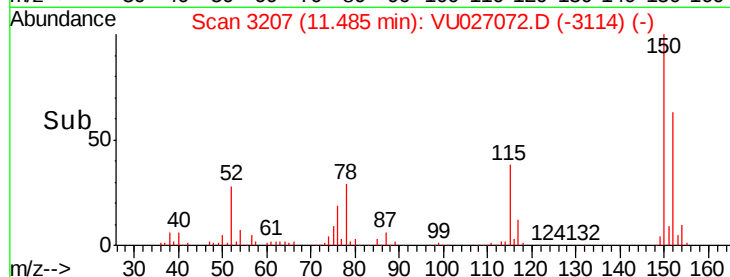
150 159.1 0.0 355.8



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: 21.281 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027072.D

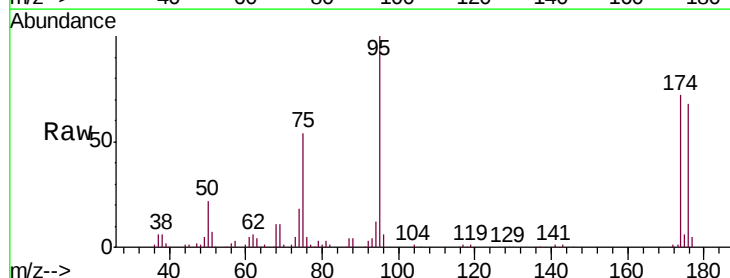
Acq: 23 Sep 2018 15:19

Tgt Ion: 75 Resp: 50661

Ion Ratio Lower Upper

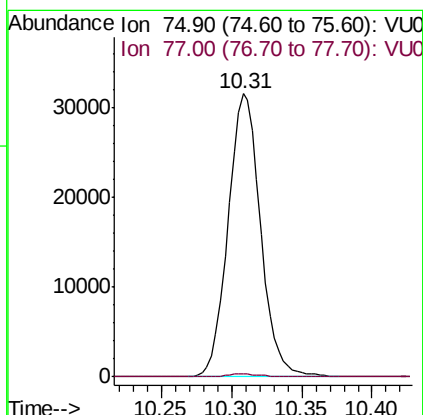
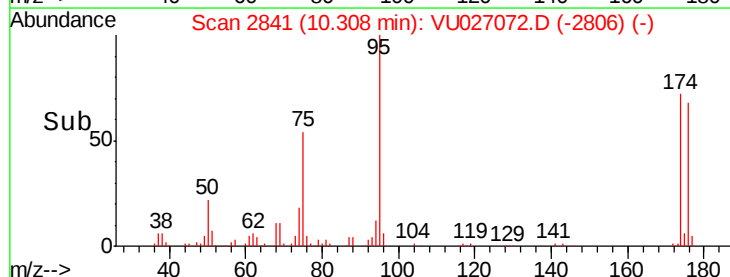
75 100

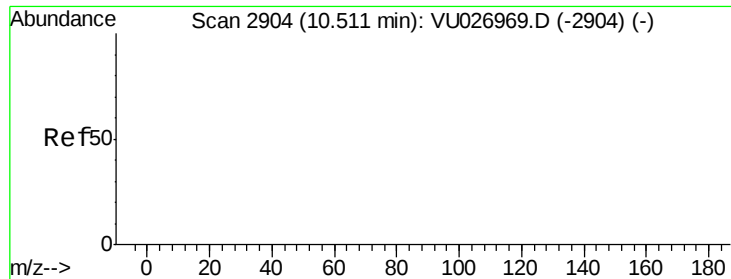
77 0.9 20.9 62.8#



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: 68.102 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ147-20180914

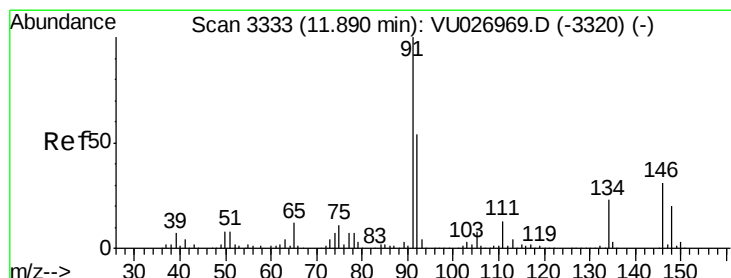
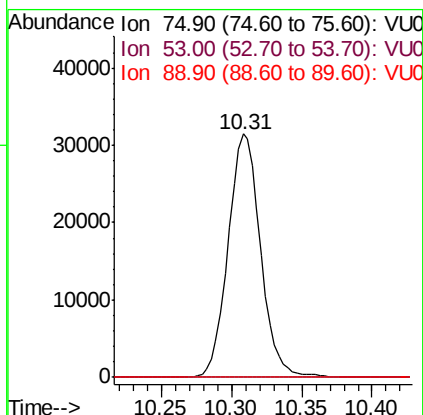
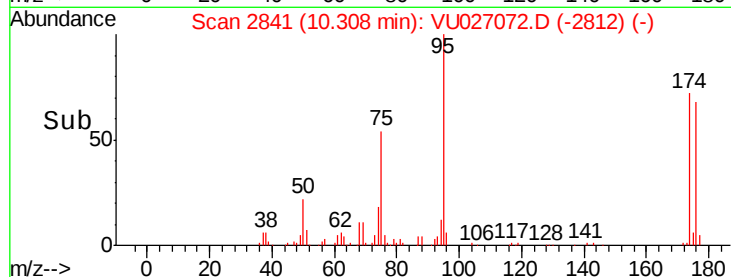
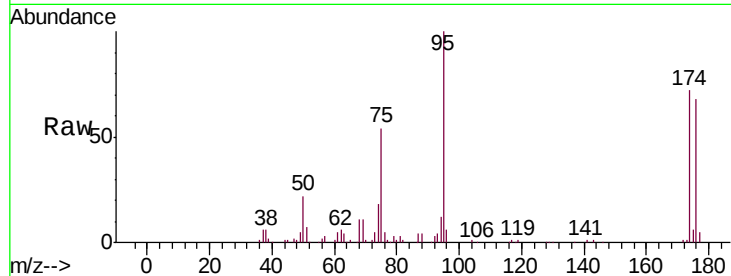
Tgt Ion: 75 Resp: 50661

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#89

n-Butylbenzene

Concen: 2.403 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027072.D

Acq: 23 Sep 2018 15:19

Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

92 0.0 27.1 81.2#

134 0.0 11.7 35.0#

