

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027328.D
 Acq On : 01 Oct 2018 19:09
 Operator : MD/SY
 Sample : J5172-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 02 07:24:40 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	102773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	173571	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76592	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	101126	58.93	ug/l	0.00
Spiked Amount			Recovery	=	117.86%	
35) Dibromofluoromethane	4.88	113	71057	59.74	ug/l	0.00
Spiked Amount			Recovery	=	119.48%	
50) Toluene-d8	7.57	98	272829	61.28	ug/l	0.00
Spiked Amount			Recovery	=	122.56%	
62) 4-Bromofluorobenzene	10.31	95	89711	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	

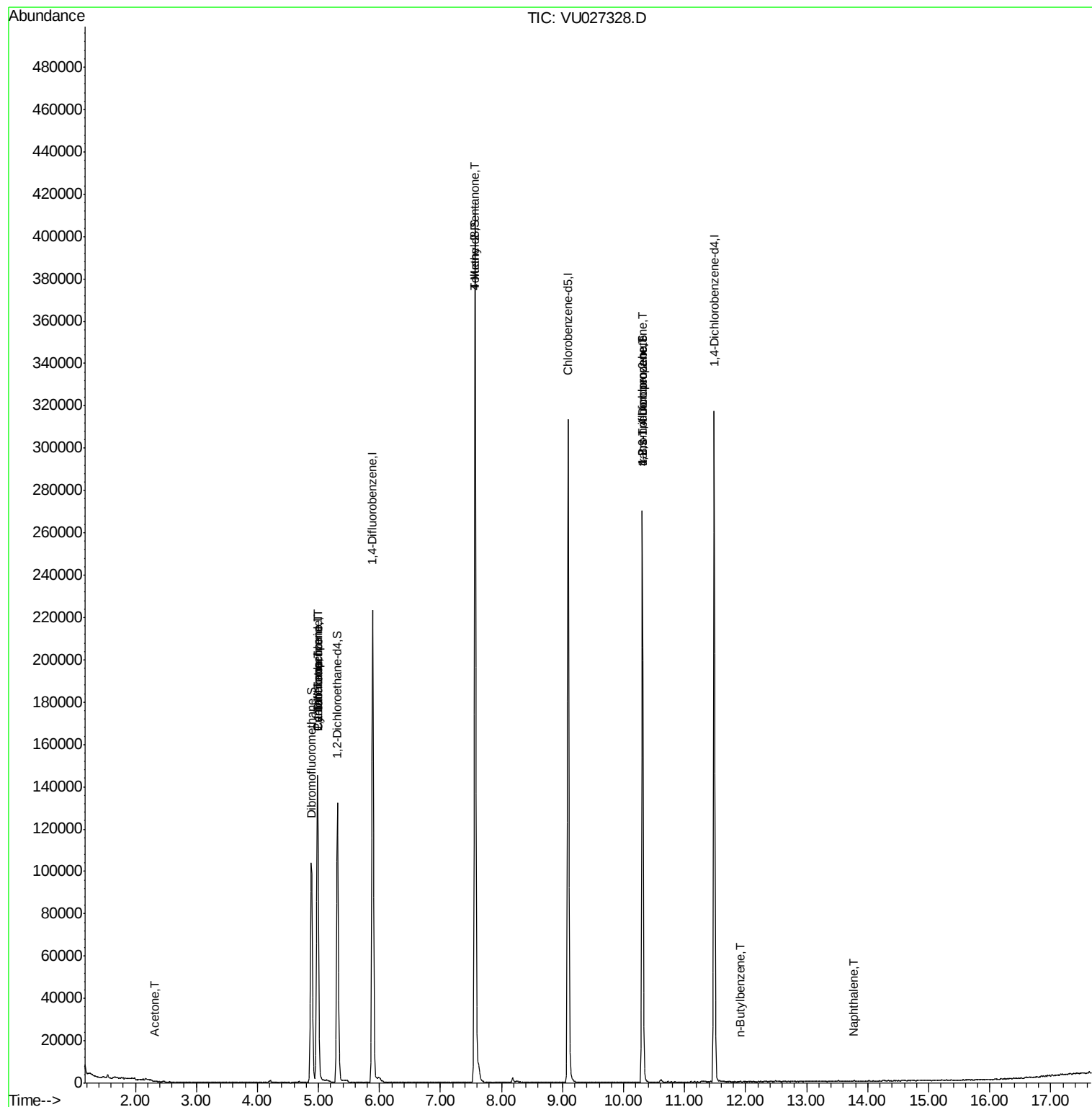
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	503	0.496	ug/l #	44
31) Cyclohexane	4.98	56	2651	0.729	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9159	4.860	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10667	6.266	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1318	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	48485	24.420	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	48485	63.910	ug/l #	100
89) n-Butylbenzene	11.90	91	40	1.957	ug/l #	33
95) Naphthalene	13.78	128	345	1.718	ug/l #	69

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

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027328.D

Acq: 01 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

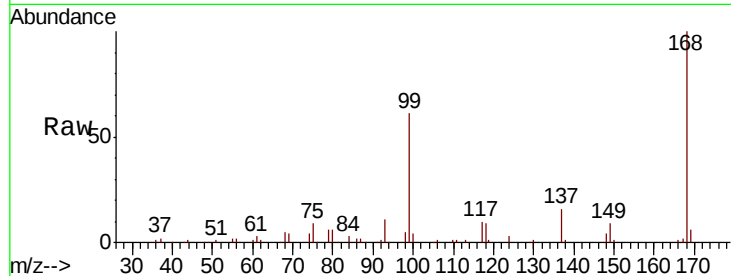
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 102773

Ion Ratio Lower Upper

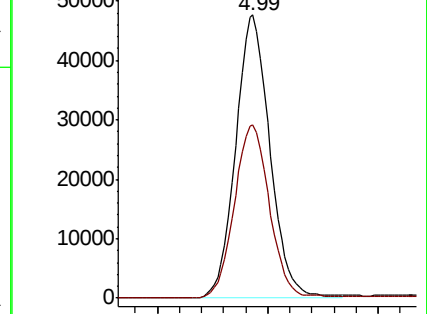
168 100

99 61.4 50.8 76.2

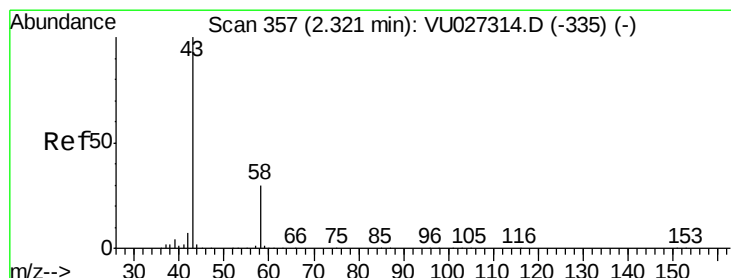
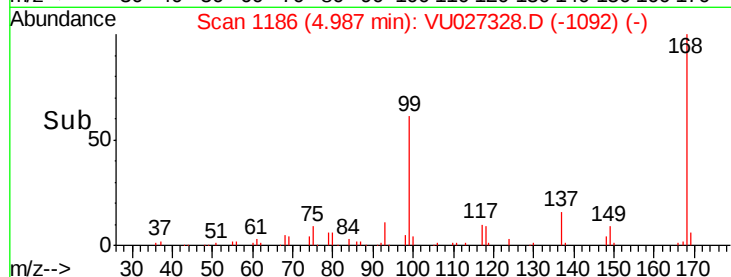


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027328.D (-264) (-)



Time-->



#16

Acetone

Concen: 0.496 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027328.D

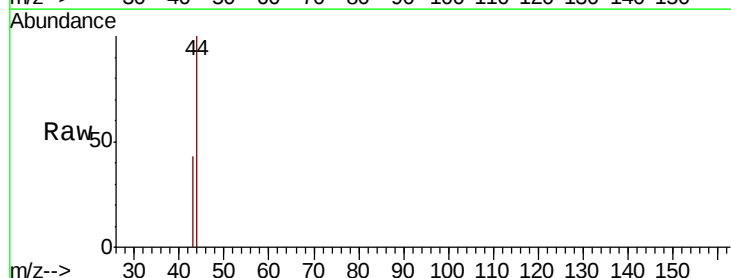
Acq: 01 Oct 2018 19:09

Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

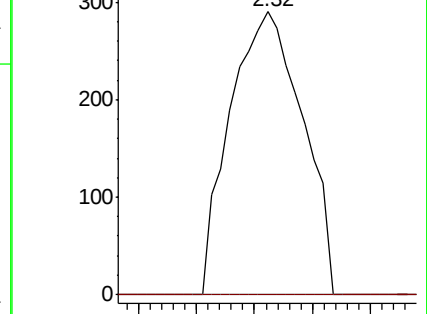
43 100

58 0.0 24.2 36.4#

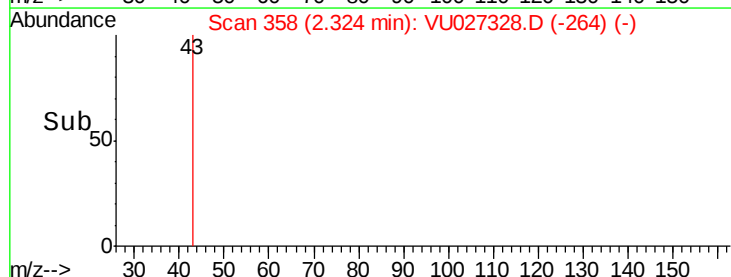


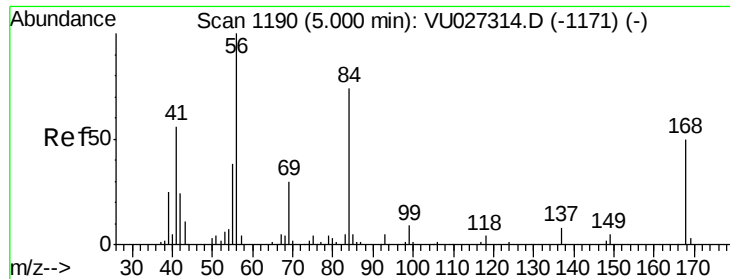
Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027328.D (-264) (-)



Time-->

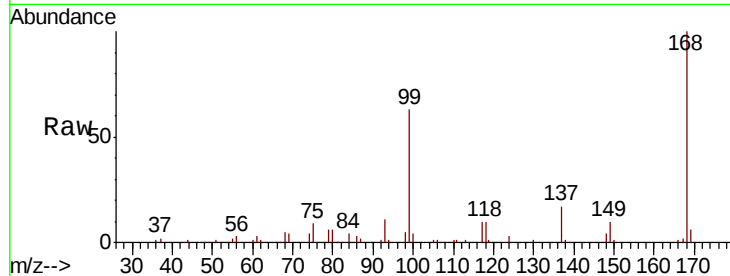




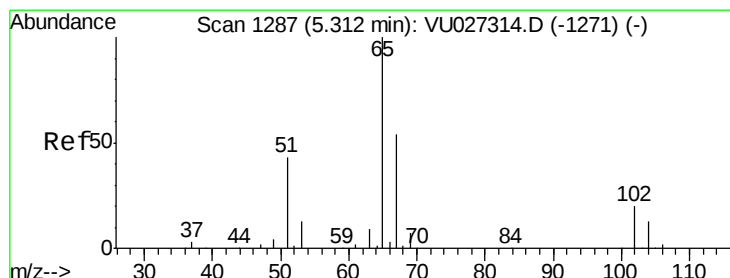
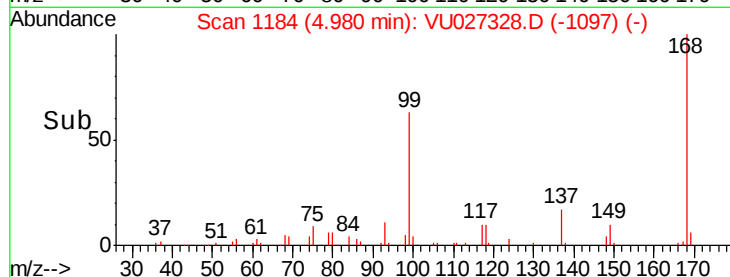
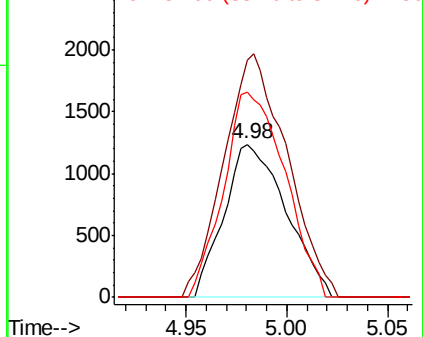
#31
Cyclohexane
Concen: 0.729 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 2651
Ion Ratio Lower Upper
56 100
69 154.3 24.1 36.1#
84 133.7 59.1 88.7#

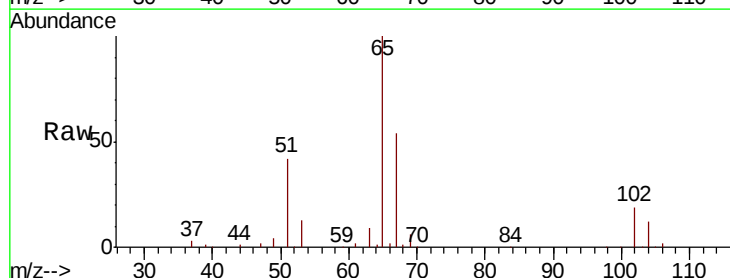


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

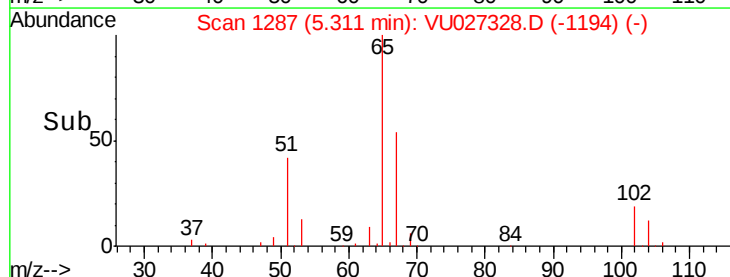
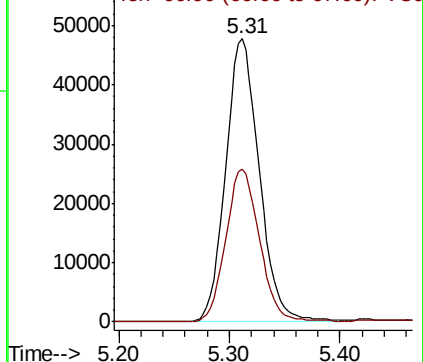


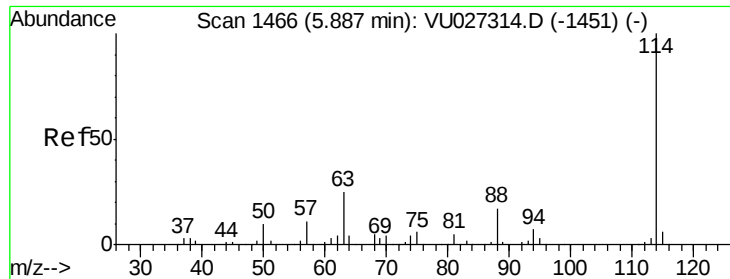
#33
1,2-Dichloroethane-d4
Concen: 58.927 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

Tgt Ion: 65 Resp: 101126
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8



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

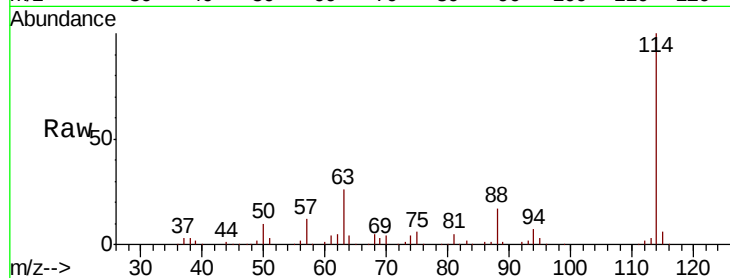




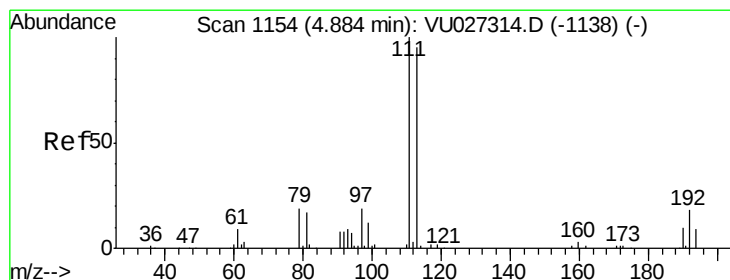
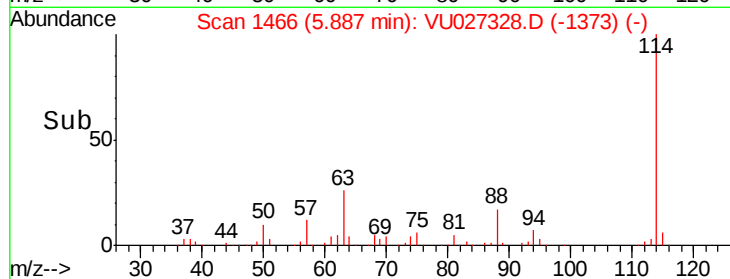
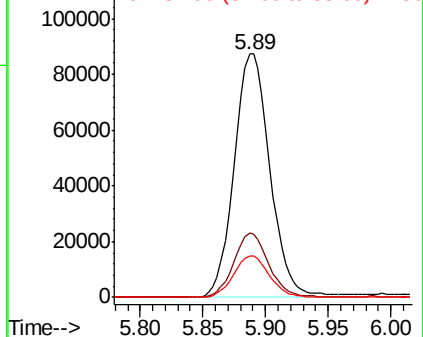
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027328.D
 Acq: 01 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:114 Resp: 173571
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 50.2
 88 16.9 0.0 33.8

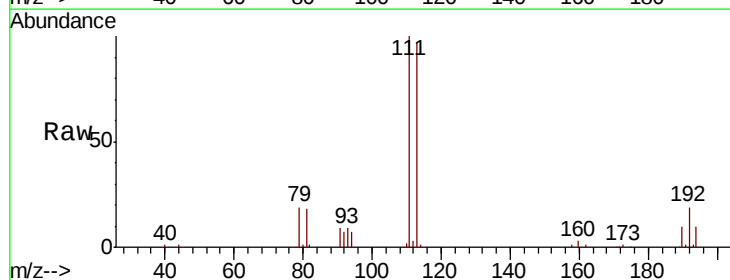


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

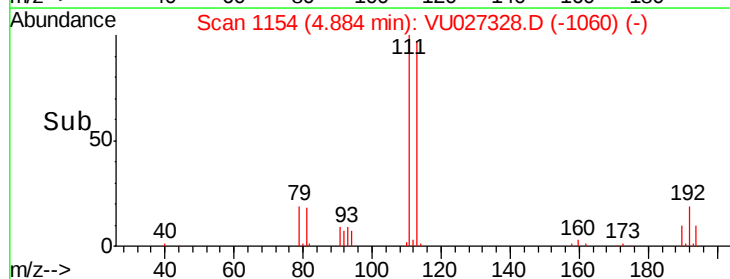
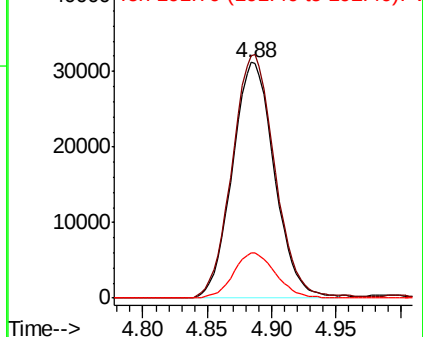


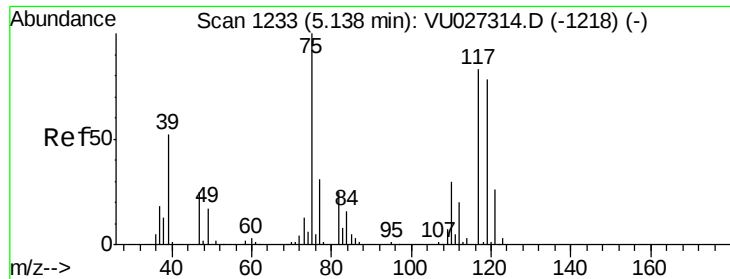
#35
 Dibromofluoromethane
 Concen: 59.735 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027328.D
 Acq: 01 Oct 2018 19:09

Tgt Ion:113 Resp: 71057
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.1 124.7
 192 19.2 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

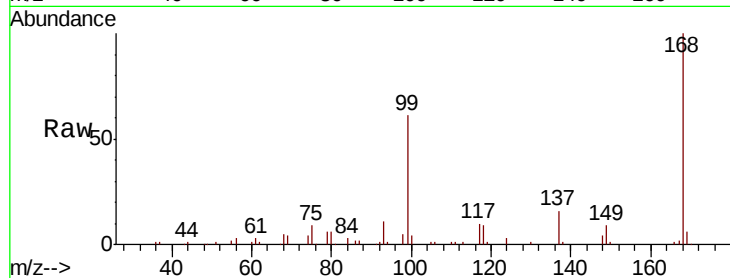




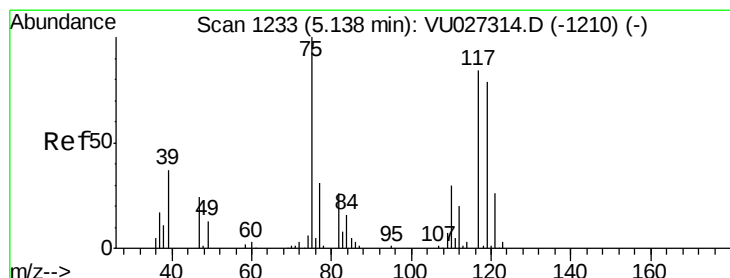
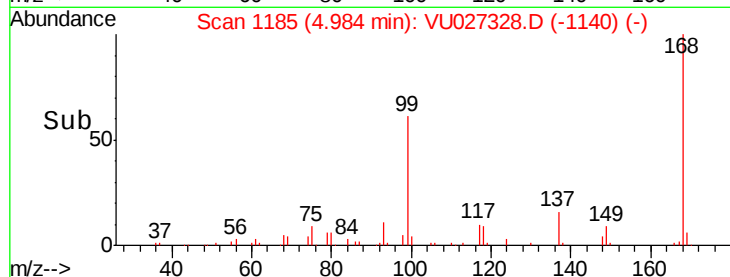
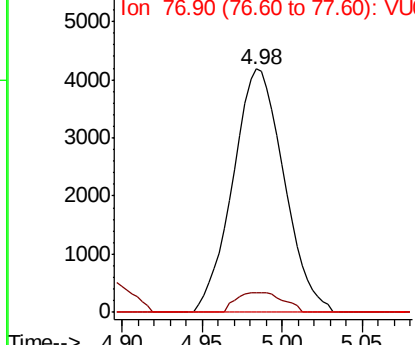
#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027328.D
 Acq: 01 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 9159
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.5 46.5#
 77 0.0 25.4 38.0#

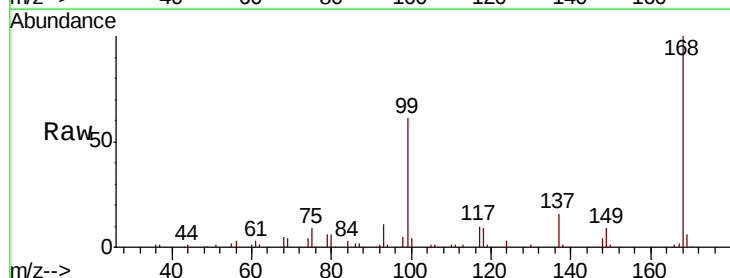


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

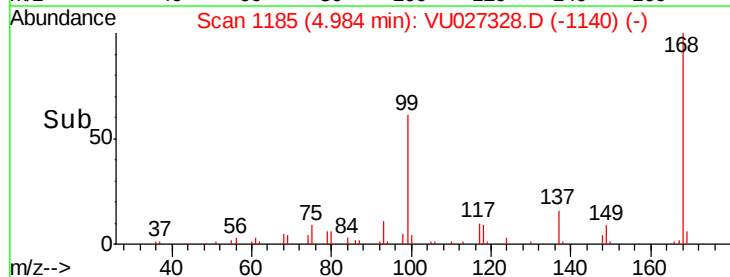
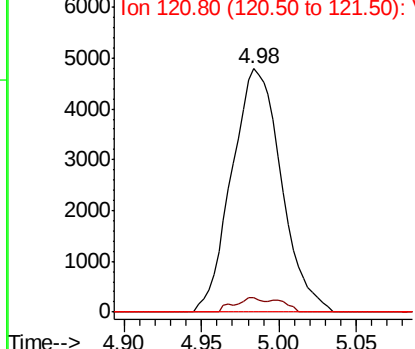


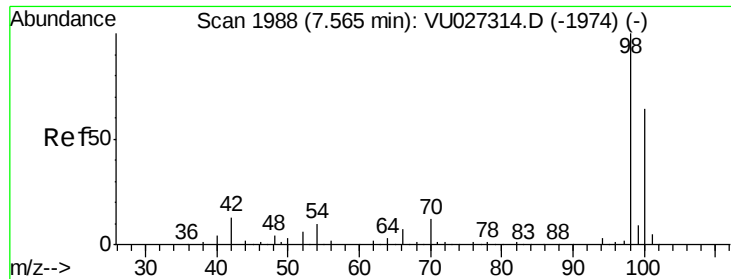
#38
 Carbon Tetrachloride
 Concen: 6.266 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027328.D
 Acq: 01 Oct 2018 19:09

Tgt Ion: 117 Resp: 10667
 Ion Ratio Lower Upper
 117 100
 119 6.1 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

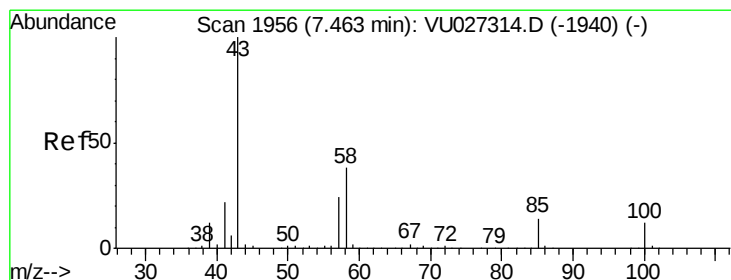
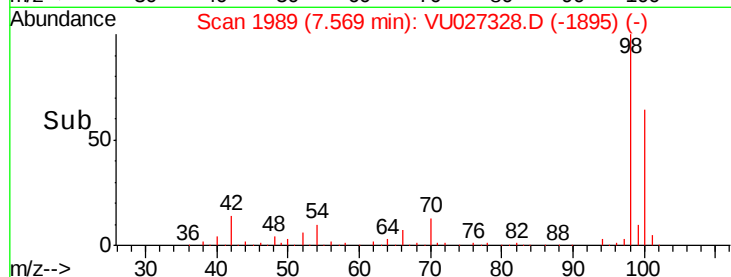
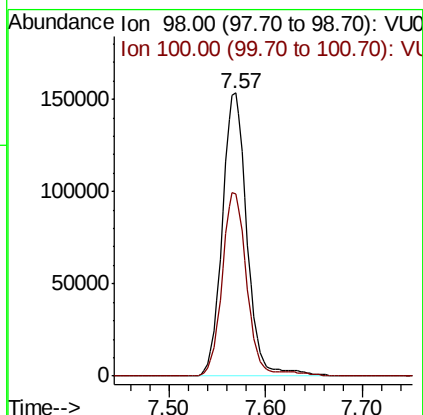
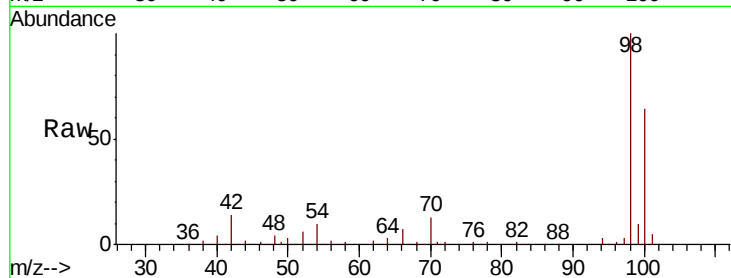




#50
Toluene-d8
Concen: 61.282 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

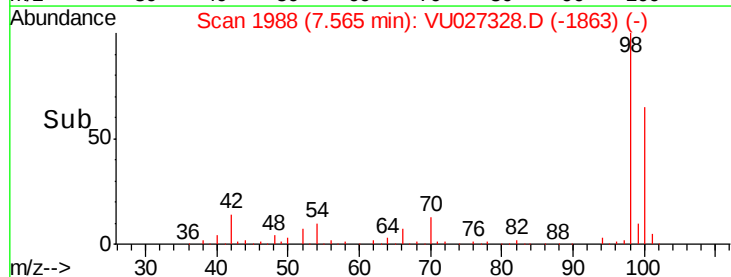
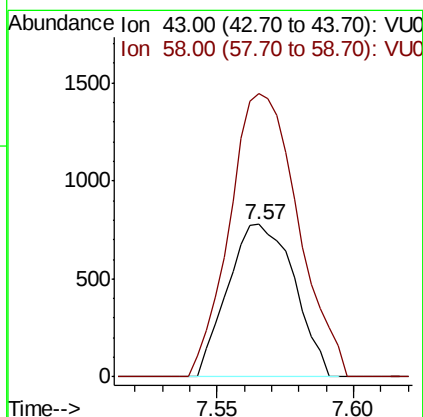
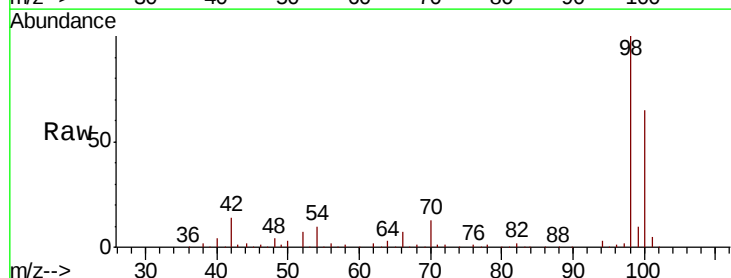
Instrument :
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STORAGE-BLANK-SAMPLE-MANA

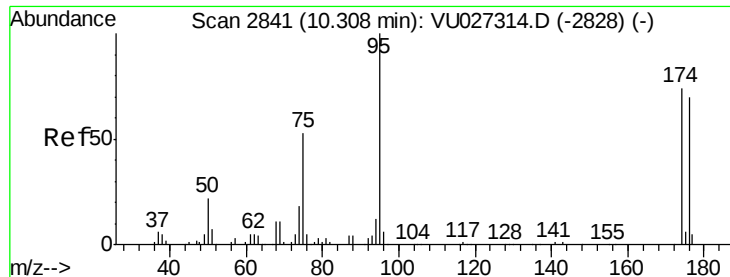
Tot Ion: 98 Resp: 272829
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 190.5 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 54.221 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027328.D

Acq: 01 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

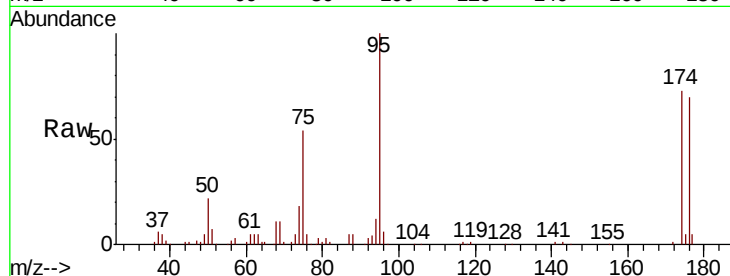
Tot Ion: 95 Resp: 89711

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.8

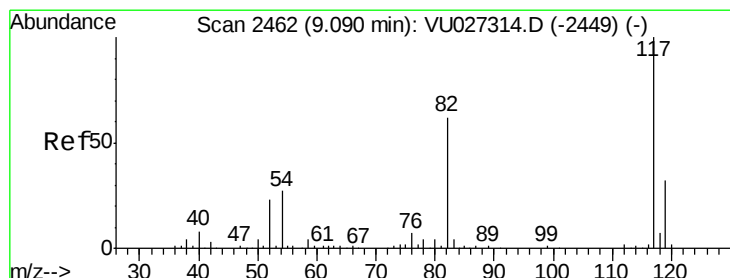
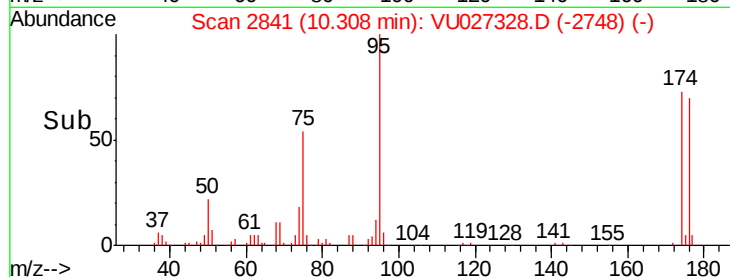
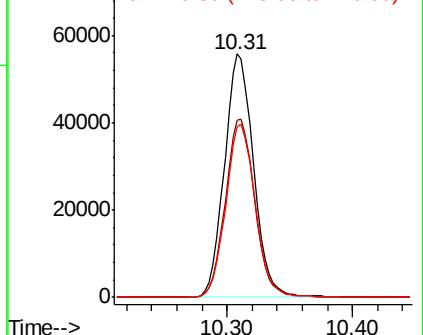
176 71.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027328.D

Acq: 01 Oct 2018 19:09

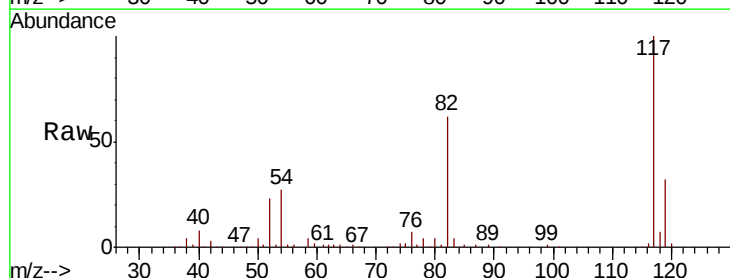
Tgt Ion: 117 Resp: 165074

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

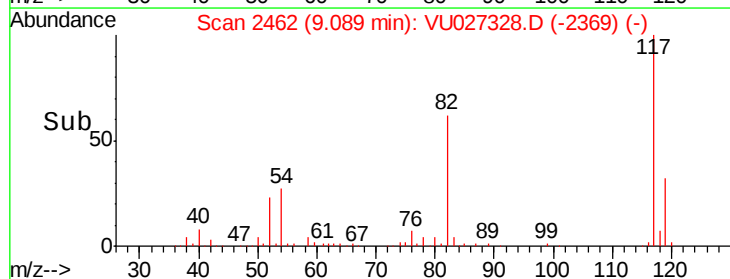
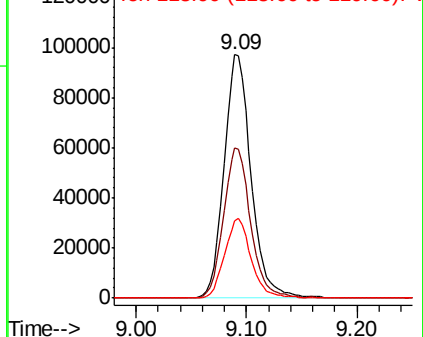
119 31.9 25.7 38.5

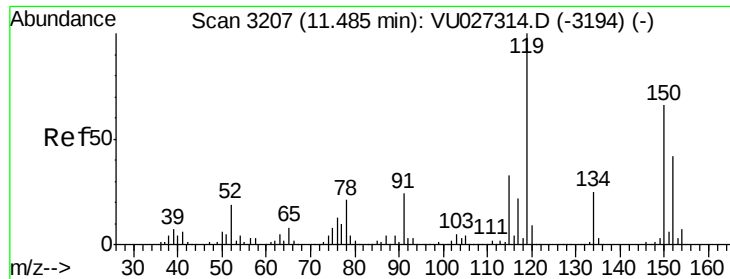


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.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: VU027328.D

Acq: 01 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

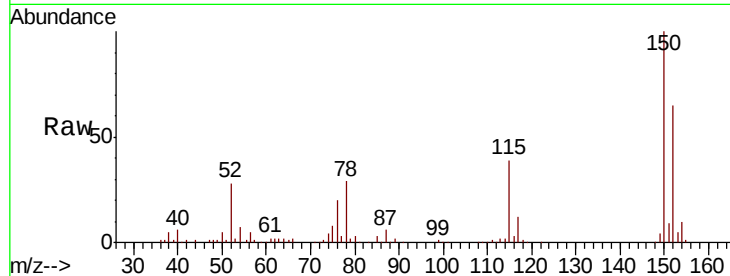
Tot Ion:152 Resp: 76592

Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.2

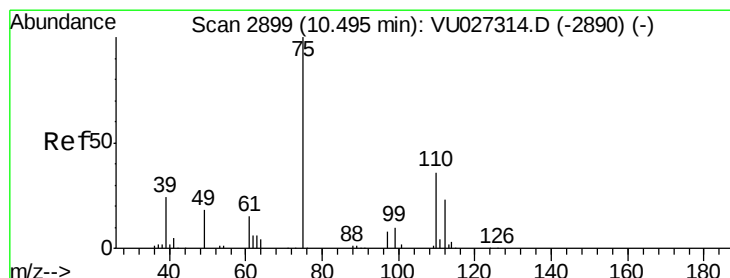
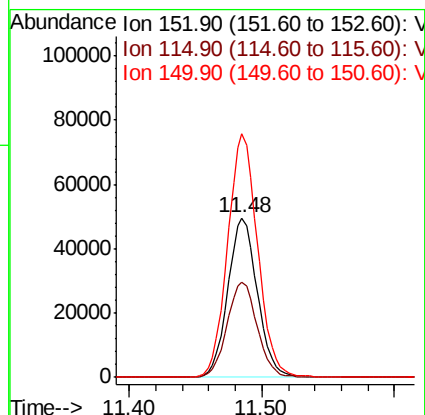
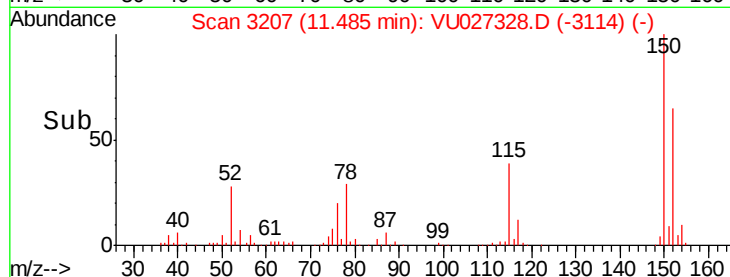
150 155.4 0.0 349.2



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: 24.420 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027328.D

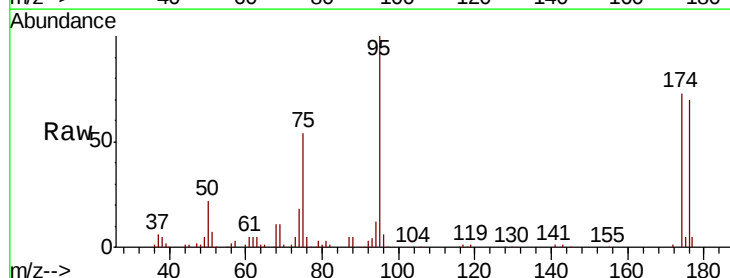
Acq: 01 Oct 2018 19:09

Tgt Ion: 75 Resp: 48485

Ion Ratio Lower Upper

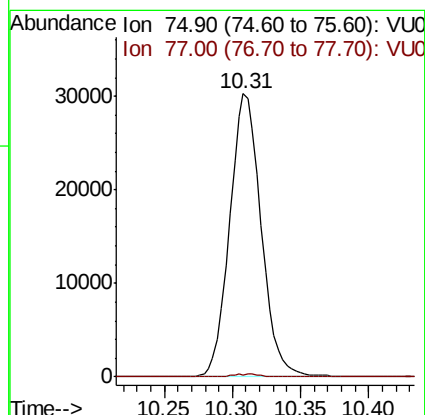
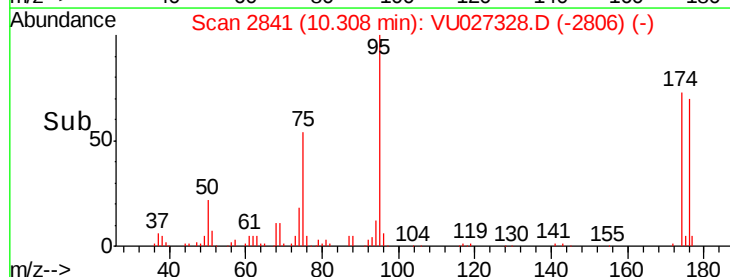
75 100

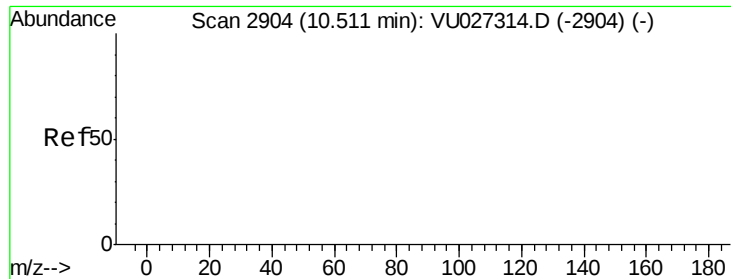
77 0.4 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

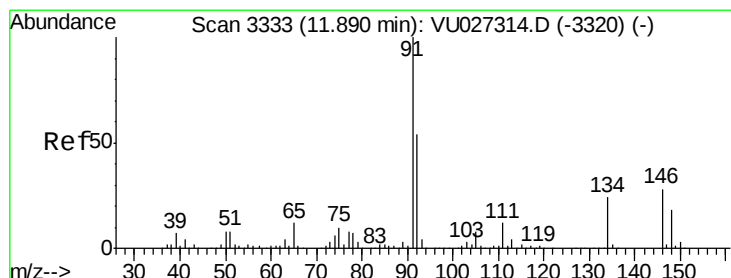
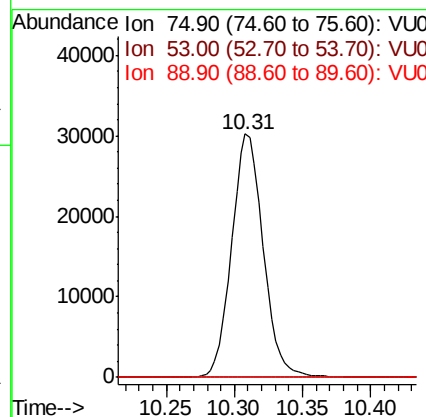
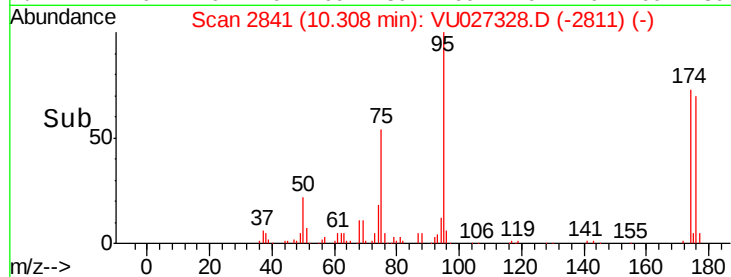
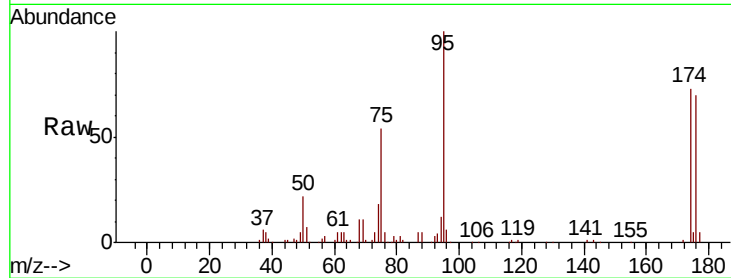




#81
trans-1,4-Dichloro-2-butene
Concen: 63.910 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

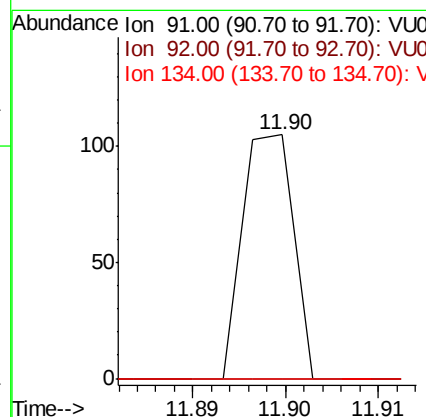
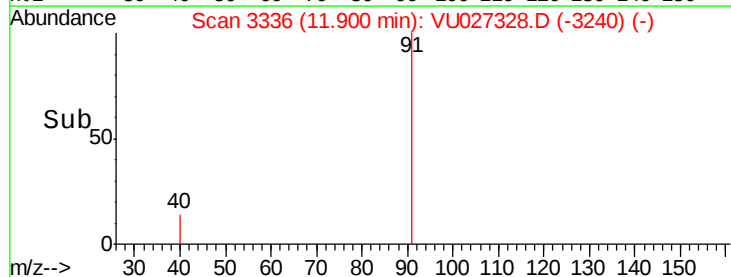
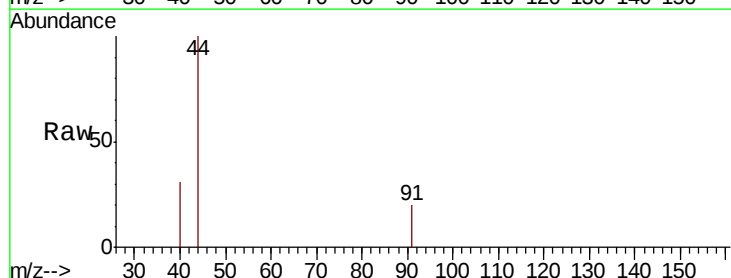
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

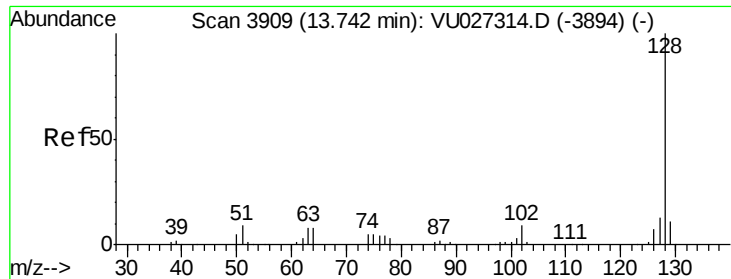
Tot Ion: 75 Resp: 48485
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 1.957 ug/l
RT: 11.90 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VU027328.D
Acq: 01 Oct 2018 19:09

Tgt Ion: 91 Resp: 40
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.718 ug/l

RT: 13.78 min Scan# 3920

Delta R.T. 0.04 min

Lab File: VU027328.D

Acq: 01 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

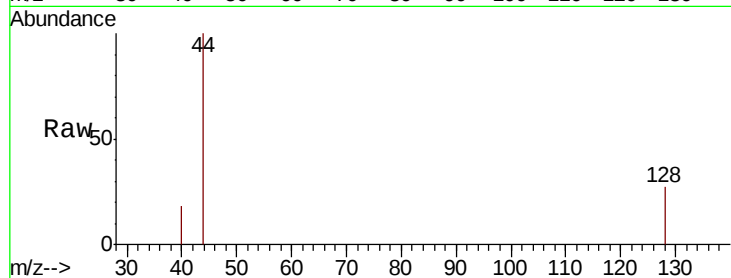
Tot Ion:128 Resp: 345

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

