

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027327.D
 Acq On : 01 Oct 2018 18:45
 Operator : MD/SY
 Sample : J5172-27
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 02 07:24:26 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	4.98	168	107117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180792	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81412	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	104684	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
35) Dibromofluoromethane	4.88	113	75358	60.82	ug/l	0.00
Spiked Amount			Recovery	=	121.64%	
50) Toluene-d8	7.57	98	285772	61.63	ug/l	0.00
Spiked Amount			Recovery	=	123.26%	
62) 4-Bromofluorobenzene	10.31	95	96077	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	

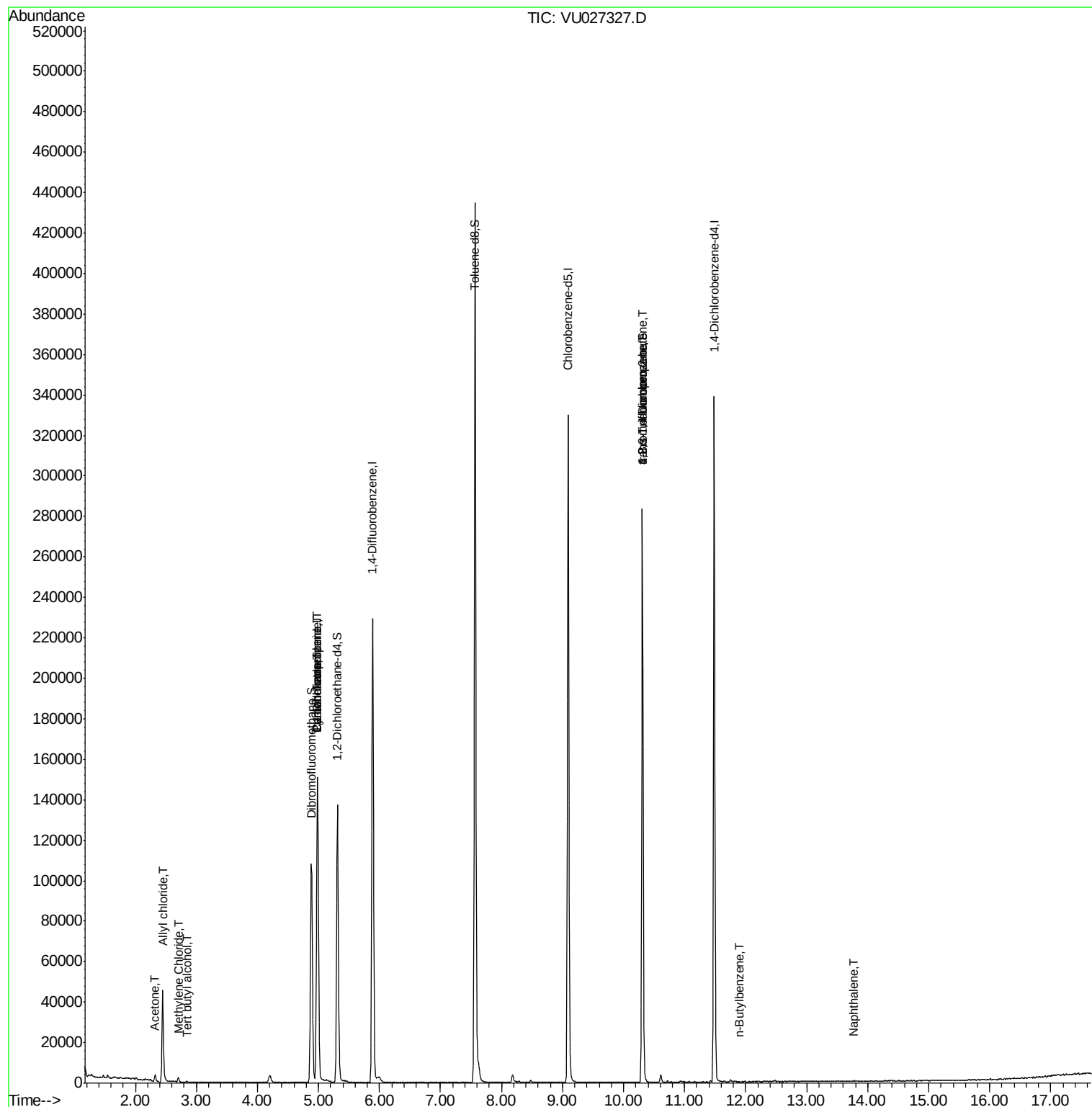
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	225	0.597	ug/l #	72
14) Allyl chloride	2.45	41	4406	1.640	ug/l #	73
16) Acetone	2.32	43	3639	3.444	ug/l	98
20) Methylene Chloride	2.70	84	876	0.595	ug/l #	81
31) Cyclohexane	4.98	56	2774	0.733	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9929	5.058	ug/l #	49
38) Carbon Tetrachloride	4.98	117	11327	6.388	ug/l #	17
76) 1,2,3-Trichloropropane	10.31	75	50953	24.144	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	50953	63.187	ug/l #	100
89) n-Butylbenzene	11.90	91	135	1.974	ug/l #	33
95) Naphthalene	13.76	128	411	1.725	ug/l #	69

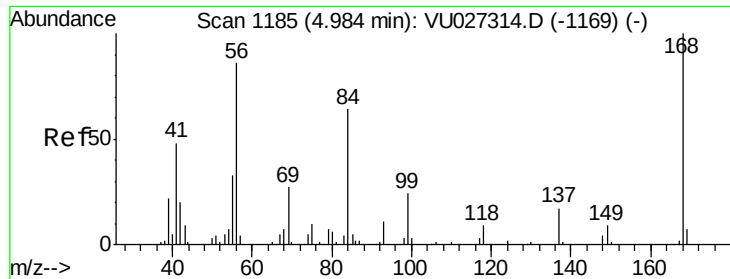
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027327.D

Acq: 01 Oct 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

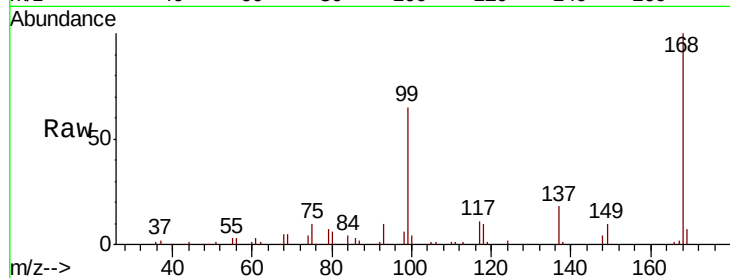
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 107117

Ion Ratio Lower Upper

168 100

99 64.8 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

50000

40000

30000

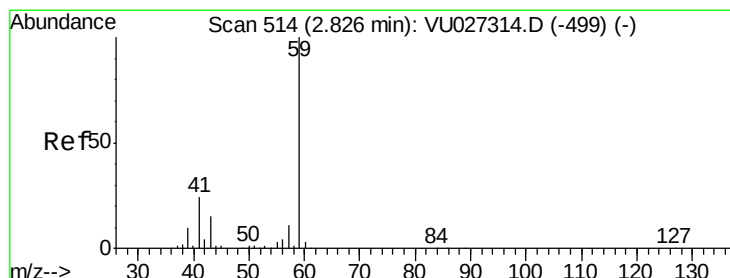
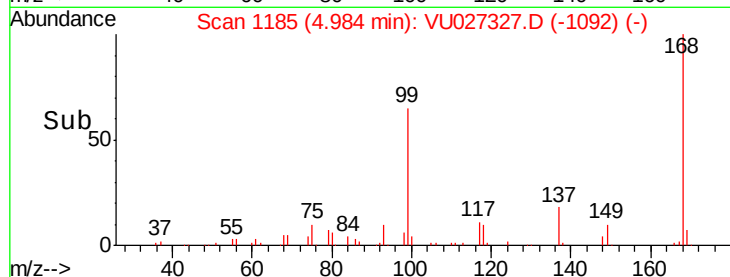
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.597 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027327.D

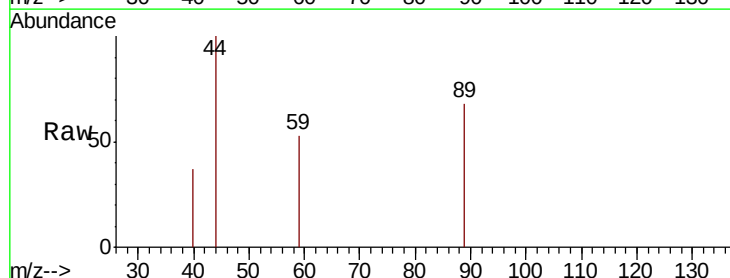
Acq: 01 Oct 2018 18:45

Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.84

200

150

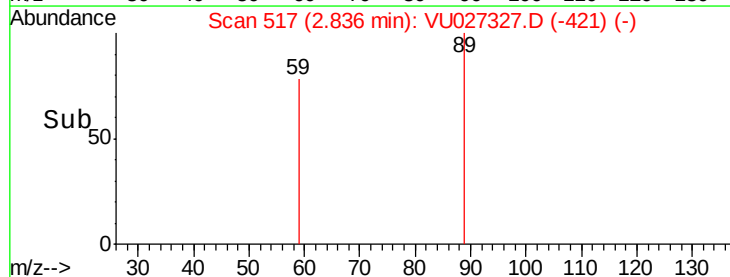
100

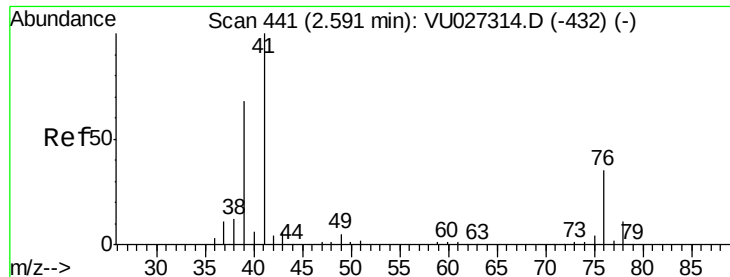
50

0

2.82 2.84 2.86

Time-->

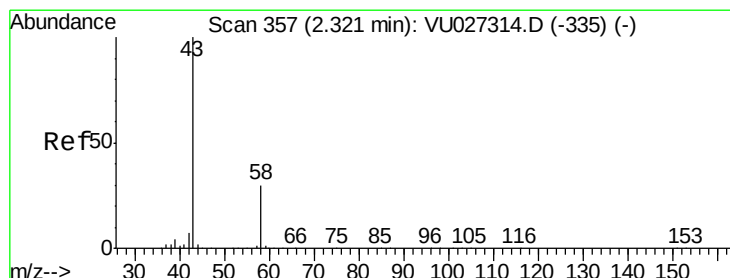
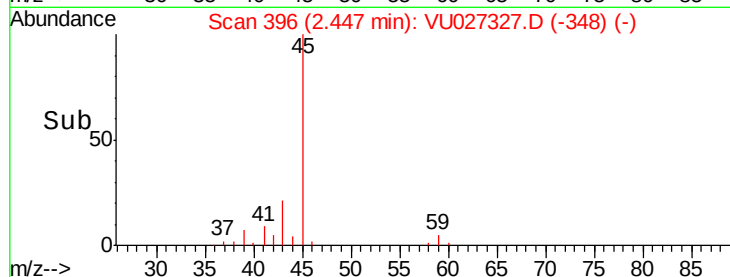
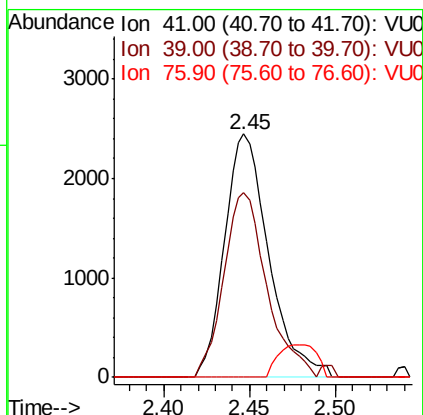
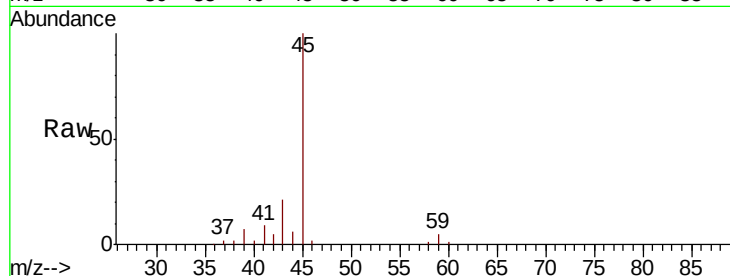




#14
Allvl chloride
Concen: 1.640 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.14 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

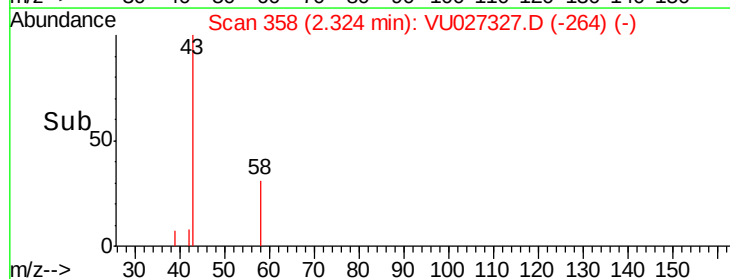
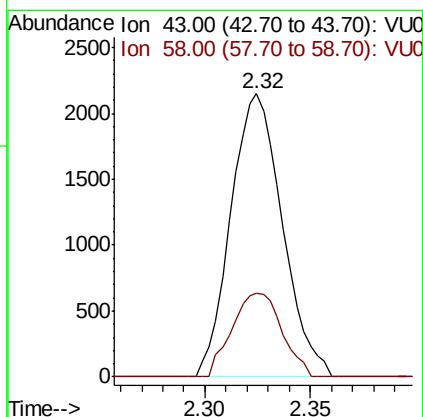
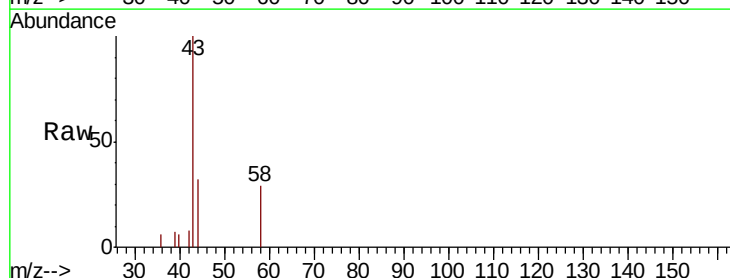
Instrument :
MSVOA_U
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STORAGE-BLANK-WATER-REF-4

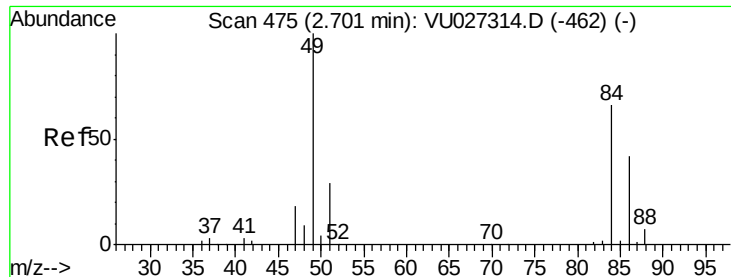
Tot Ion: 41 Resp: 4406
Ion Ratio Lower Upper
41 100
39 73.6 51.8 77.8
76 0.0 25.9 38.9#



#16
Acetone
Concen: 3.444 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4

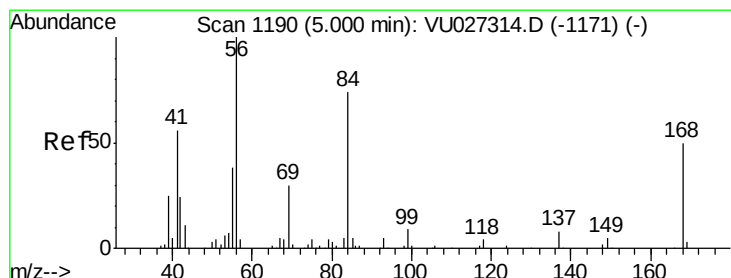
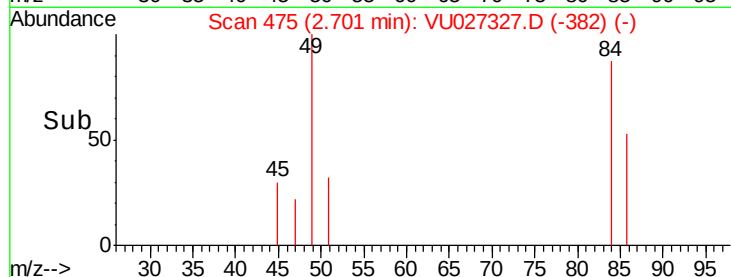
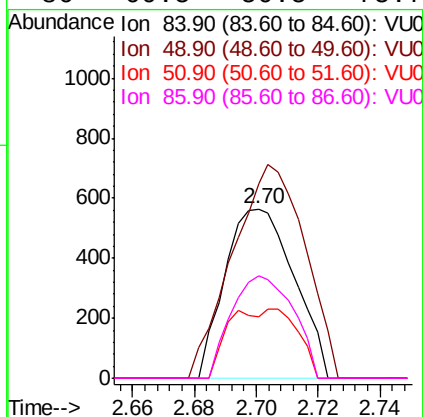
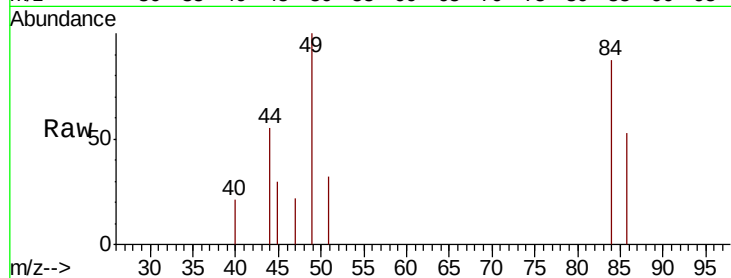




#20
Methvlene Chloride
Concen: 0.595 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

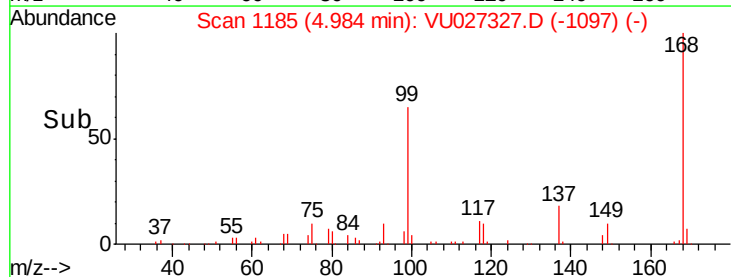
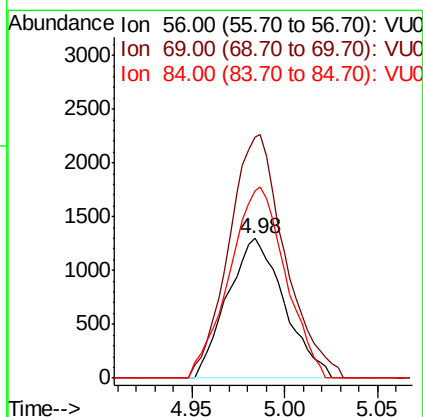
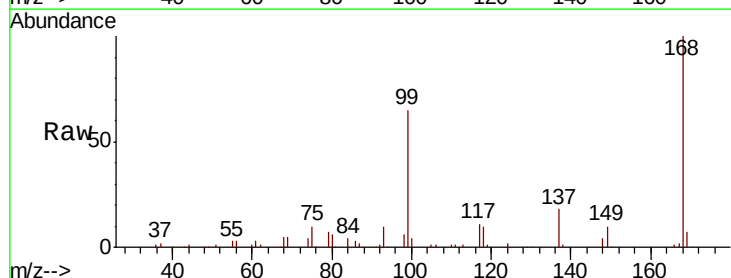
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

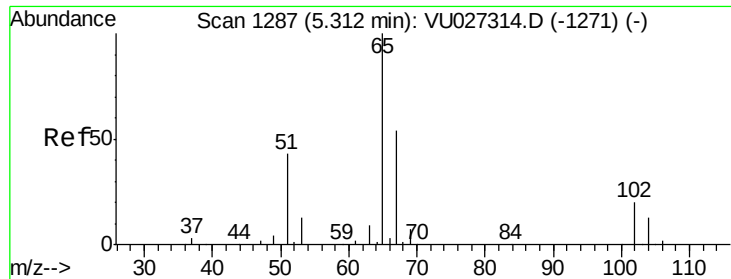
Tot Ion: 84 Resp: 876
Ion Ratio Lower Upper
84 100
49 114.9 120.5 180.7#
51 36.3 35.1 52.7
86 60.5 50.5 75.7



#31
Cyclohexane
Concen: 0.733 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Tgt Ion: 56 Resp: 2774
Ion Ratio Lower Upper
56 100
69 173.1 24.1 36.1#
84 134.7 59.1 88.7#

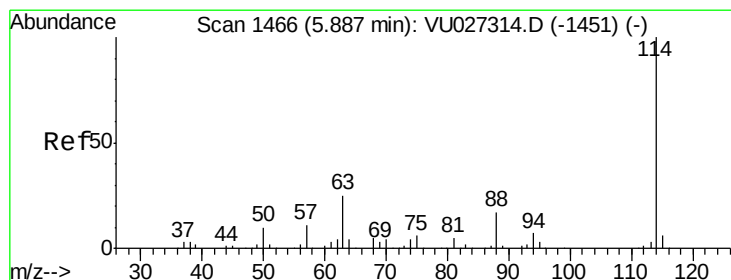
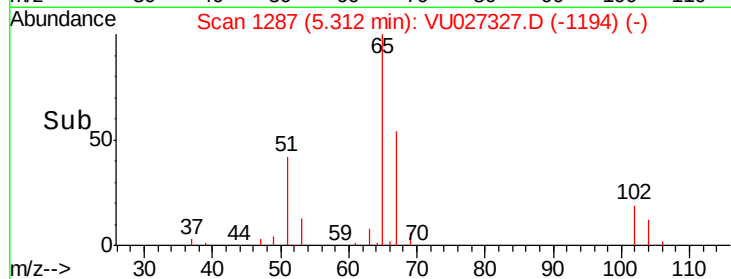
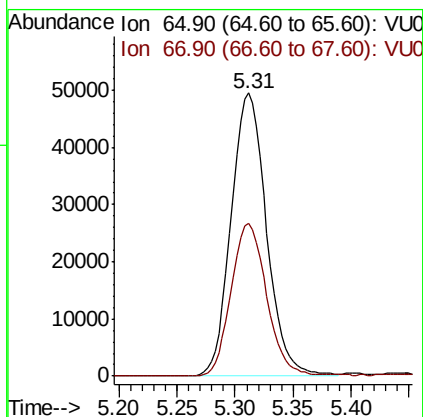
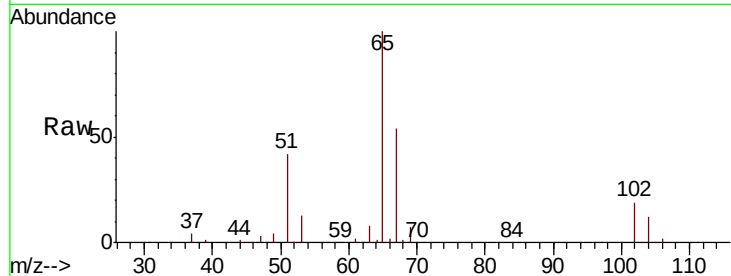




#33
 1,2-Dichloroethane-d4
 Concen: 58.526 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027327.D
 Acq: 01 Oct 2018 18:45

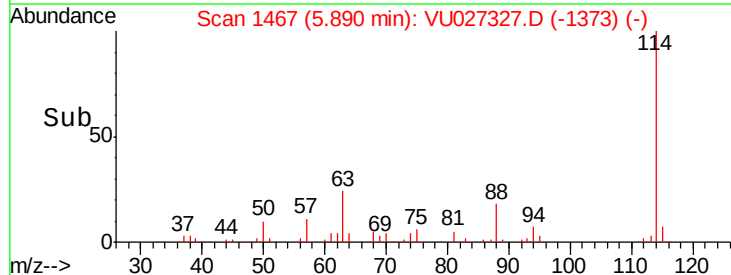
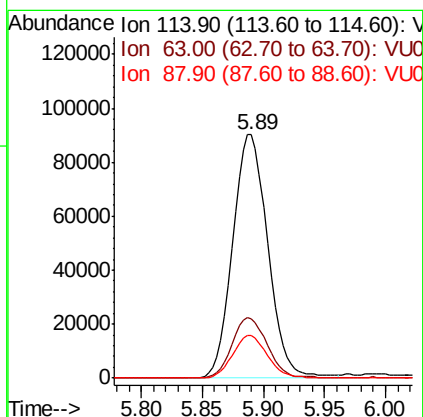
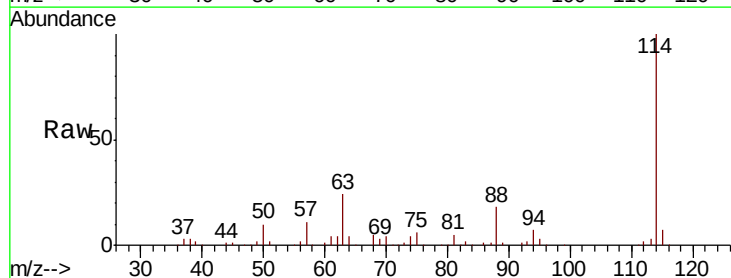
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

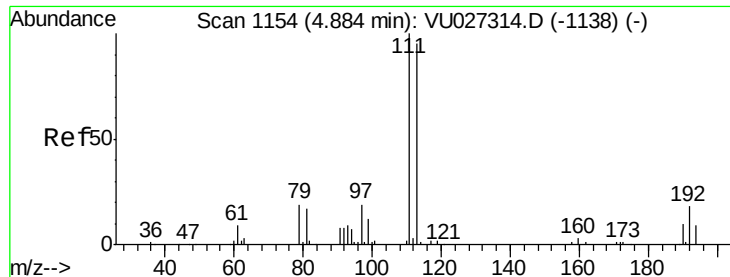
Tot Ion: 65 Resp: 104684
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027327.D
 Acq: 01 Oct 2018 18:45

Tgt Ion: 114 Resp: 180792
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 17.7 0.0 33.8

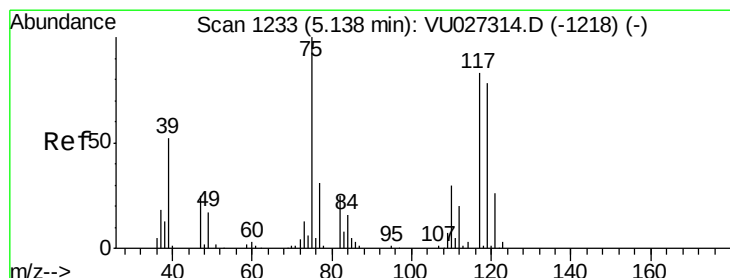
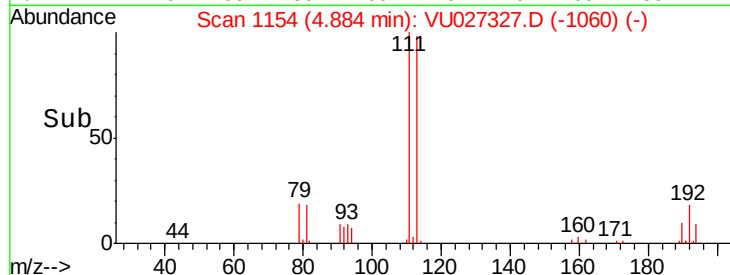
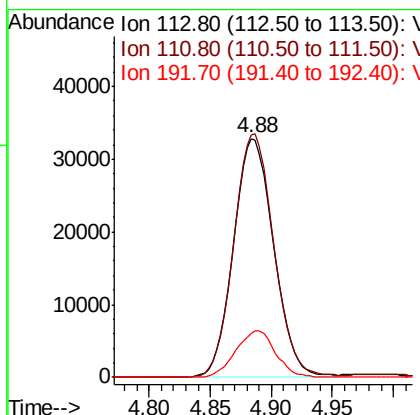
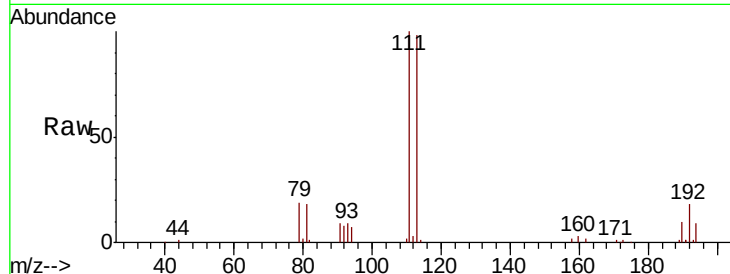




#35
 Dibromofluoromethane
 Concen: 60.821 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027327.D
 Acq: 01 Oct 2018 18:45

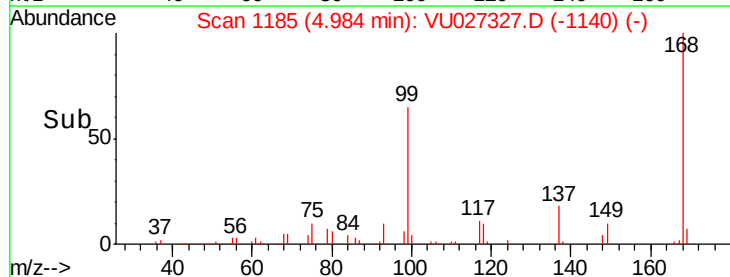
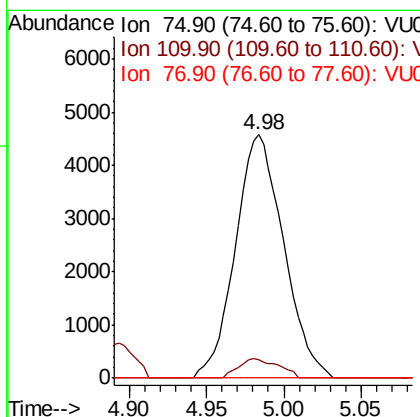
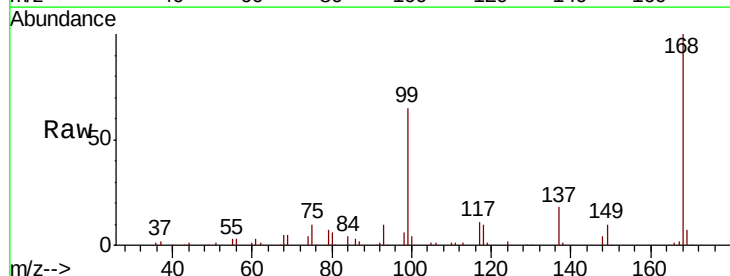
Instrument :
 MSVOA_U
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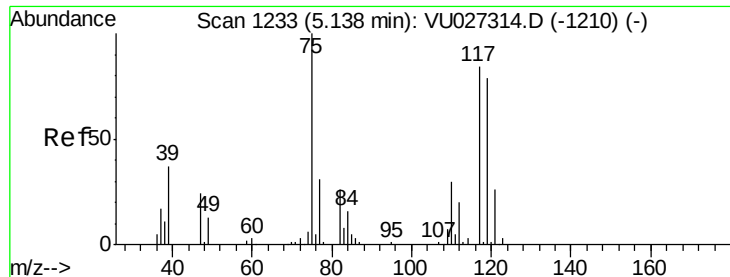
Tot Ion:113 Resp: 75358
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 19.0 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 5.058 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027327.D
 Acq: 01 Oct 2018 18:45

Tgt Ion: 75 Resp: 9929
 Ion Ratio Lower Upper
 75 100
 110 6.5 15.5 46.5#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.388 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027327.D

Acq: 01 Oct 2018 18:45

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

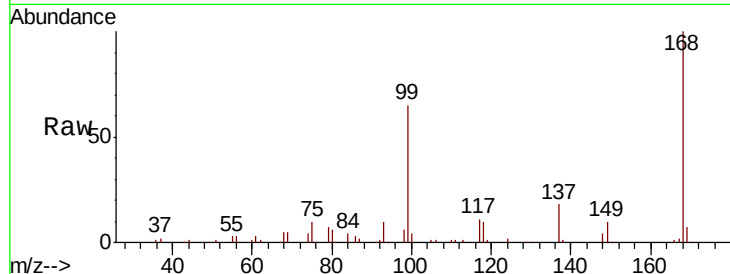
Tot Ion:117 Resp: 11327

Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

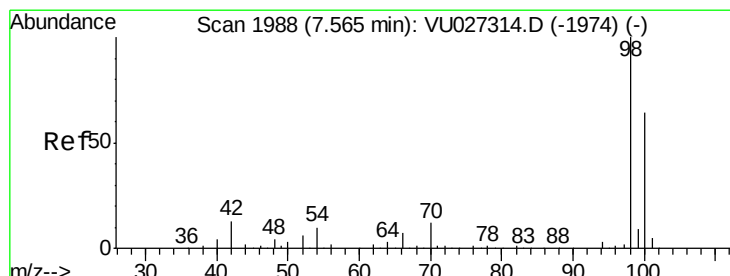
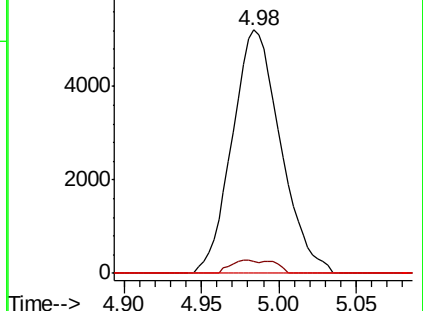
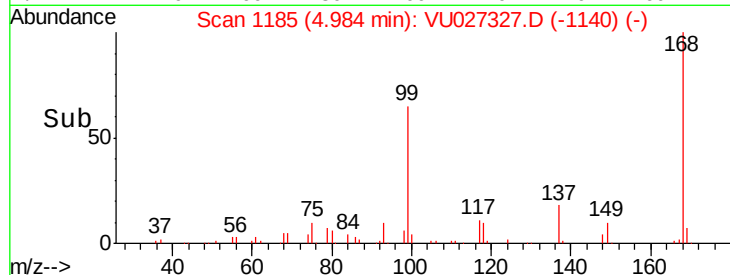
121 0.0 24.6 37.0#



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: 61.625 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027327.D

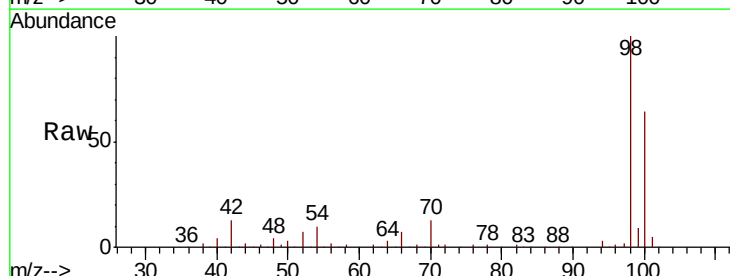
Acq: 01 Oct 2018 18:45

Tgt Ion: 98 Resp: 285772

Ion Ratio Lower Upper

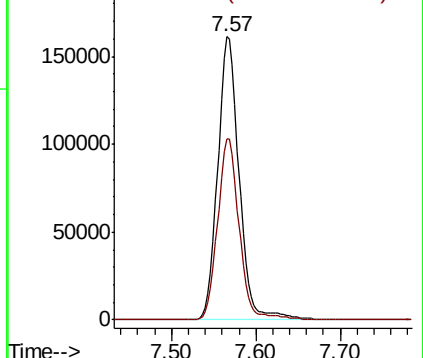
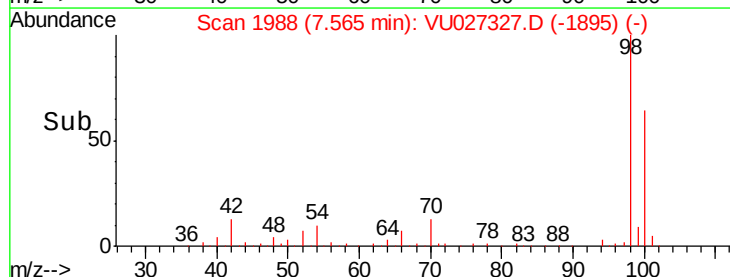
98 100

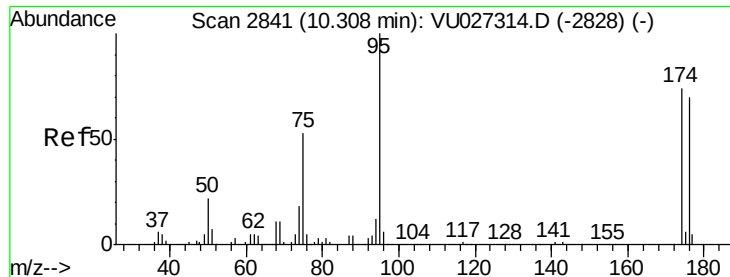
100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

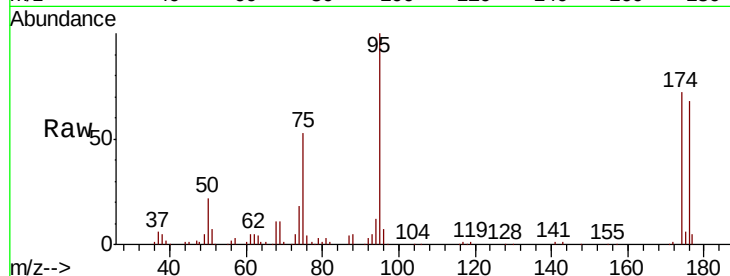




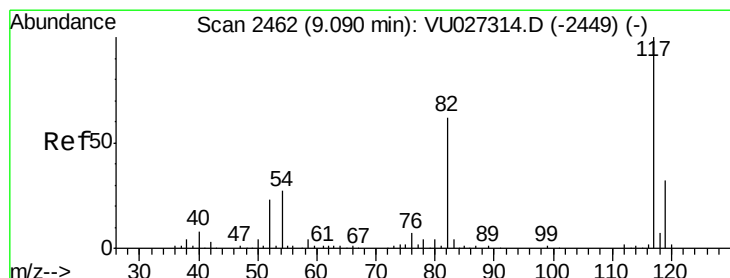
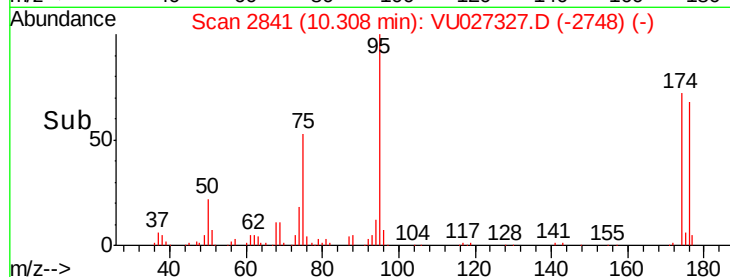
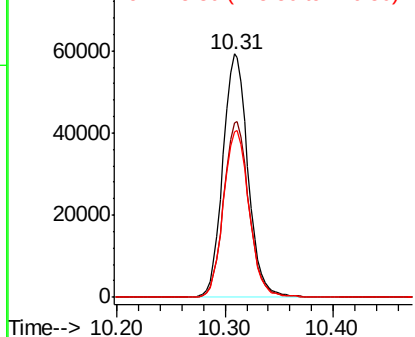
#62
4-Bromofluorobenzene
Concen: 55.749 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion: 95 Resp: 96077
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.8
176 70.1 0.0 140.8

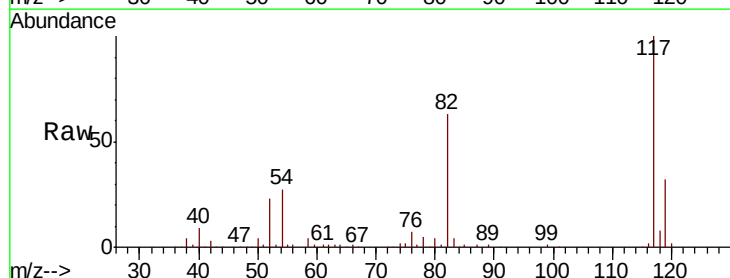


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

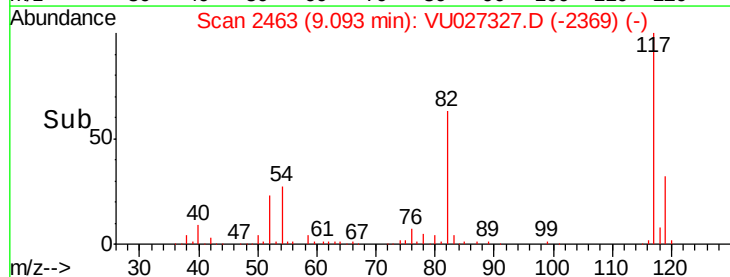
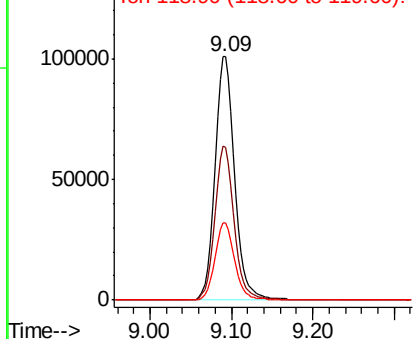


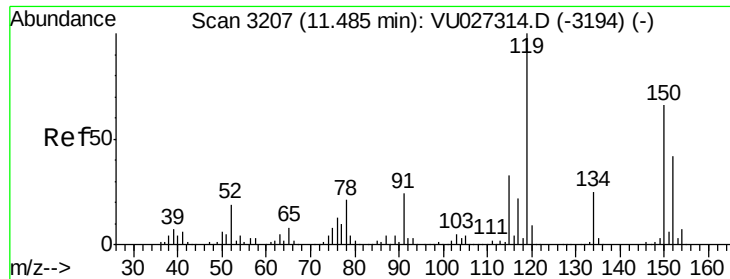
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Tgt Ion: 117 Resp: 171908
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.8 25.7 38.5



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



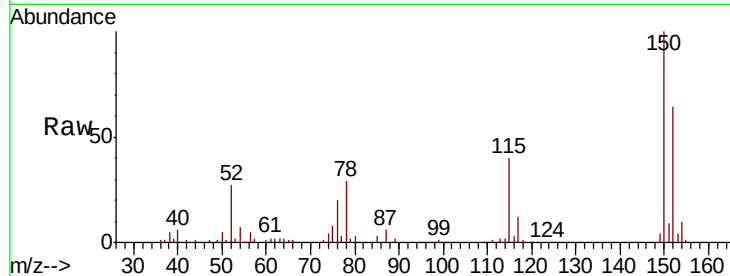


#72

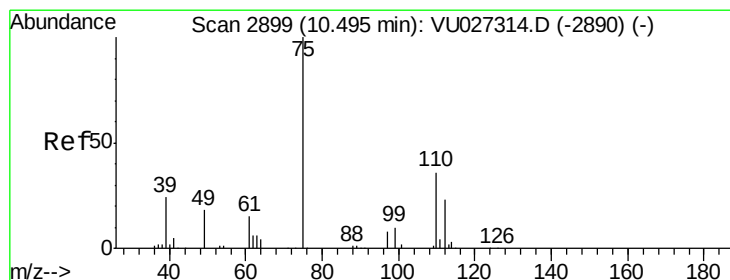
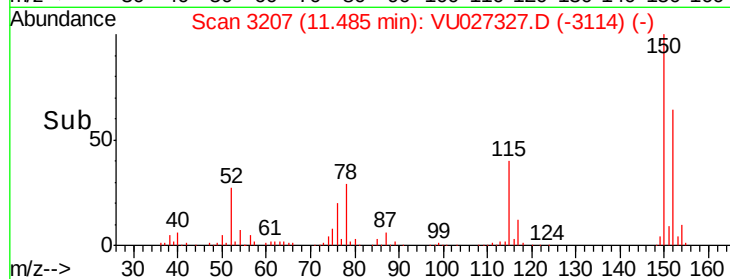
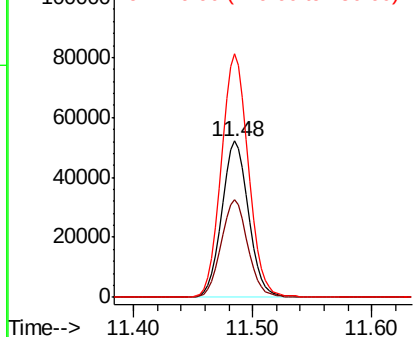
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:152 Resp: 81412
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.2
150 156.9 0.0 349.2



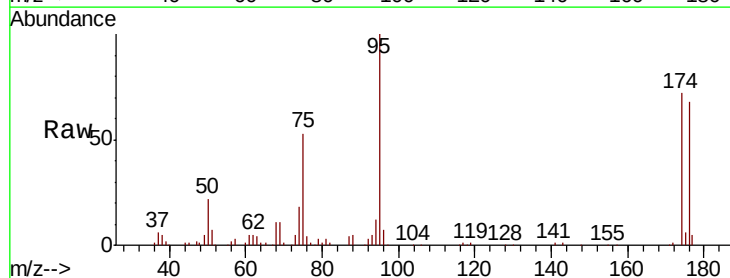
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



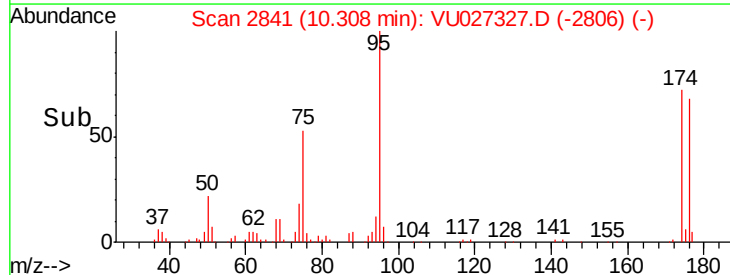
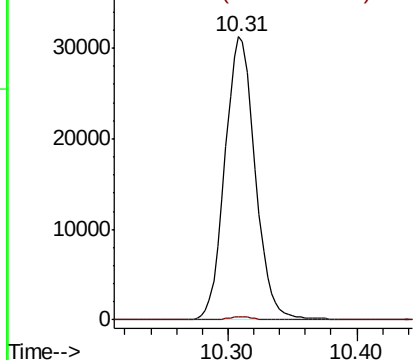
#76

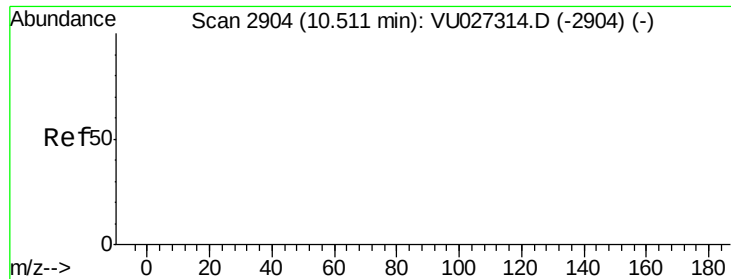
1,2,3-Trichloropropane
Concen: 24.144 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Tgt Ion: 75 Resp: 50953
Ion Ratio Lower Upper
75 100
77 0.8 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

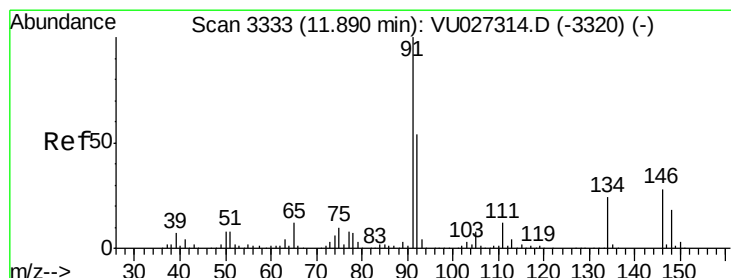
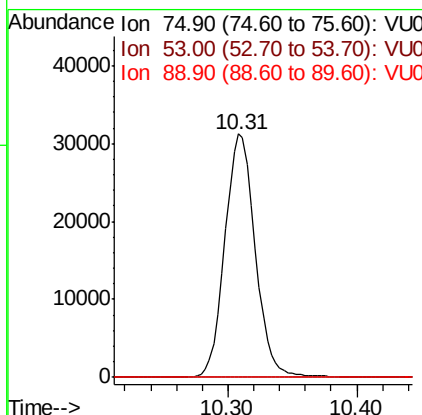
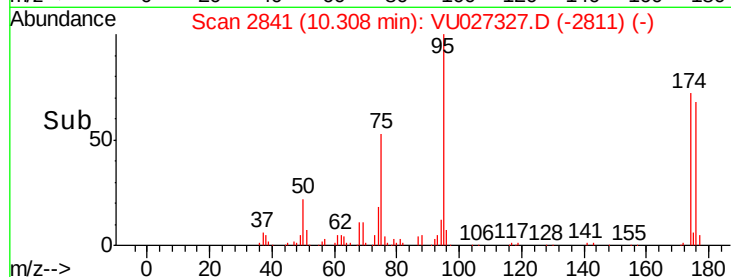
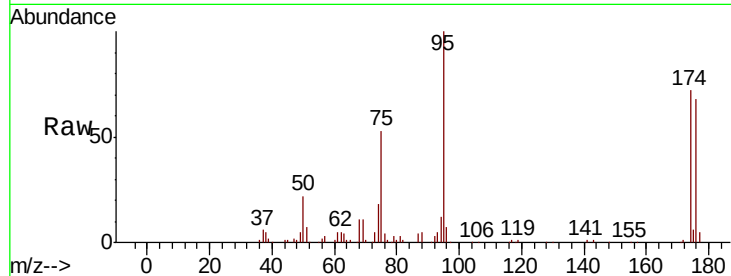




#81
trans-1,4-Dichloro-2-butene
Concen: 63.187 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

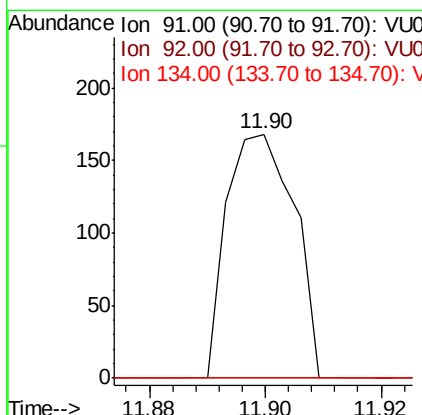
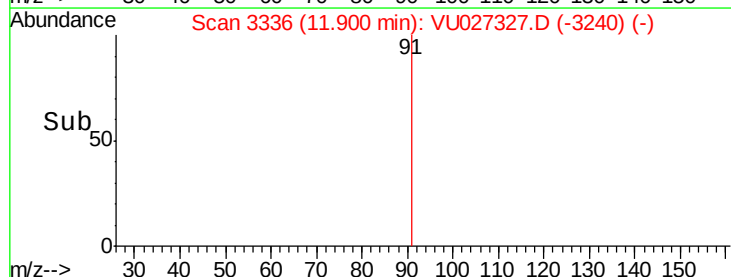
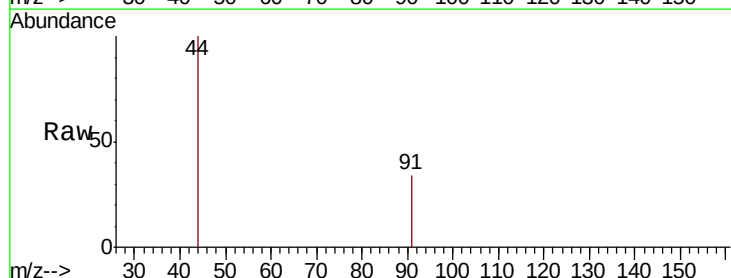
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

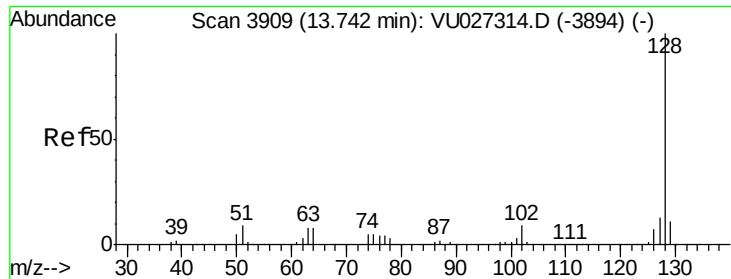
Tot Ion: 75 Resp: 50953
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 1.974 ug/l
RT: 11.90 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Tgt Ion: 91 Resp: 135
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 11.7 35.1#





#95
Naphthalene
Concen: 1.725 ug/l
RT: 13.76 min Scan# 3915
Delta R.T. 0.02 min
Lab File: VU027327.D
Acq: 01 Oct 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#

