

Data File : VU027057.D
Acq On : 23 Sep 2018 08:03
Operator : MD/SY
Sample : J4996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OUTFALL001-180918

Quant Time: Sep 24 05:49:13 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

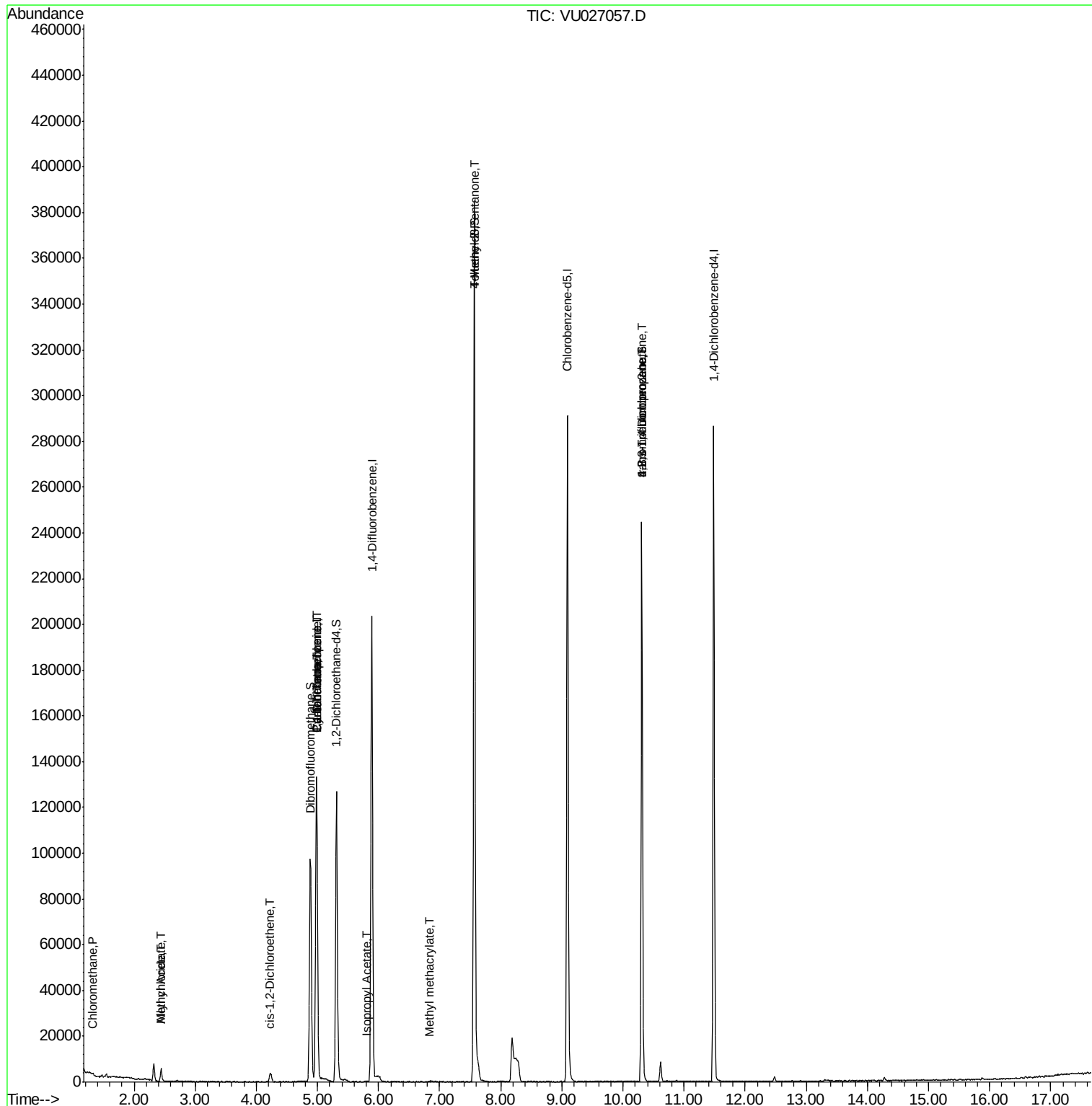
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157306	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97079	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	4.88	113	67345	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	7.57	98	251518	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.31	95	79650	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	461	0.220	ug/l #	83
14) Allyl chloride	2.44	41	573	0.220	ug/l #	51
16) Acetone	2.32	43	8408	Below Cal		97
18) Methyl Acetate	2.44	43	1414	0.531	ug/l #	55
27) cis-1,2-Dichloroethene	4.23	96	1103	0.713	ug/l	12
31) Cyclohexane	4.99	56	2398	0.289	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9068	4.319	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9455	4.733	ug/l #	19
43) Isopropyl Acetate	5.80	43	990	0.239	ug/l #	62
48) Methyl methacrylate	6.83	41	69	1.042	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1224	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43899	20.786	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43899	66.517	ug/l #	100

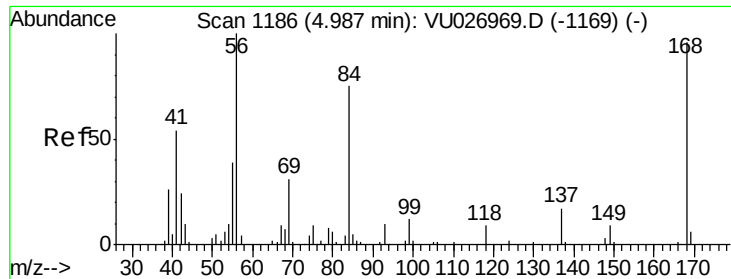
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

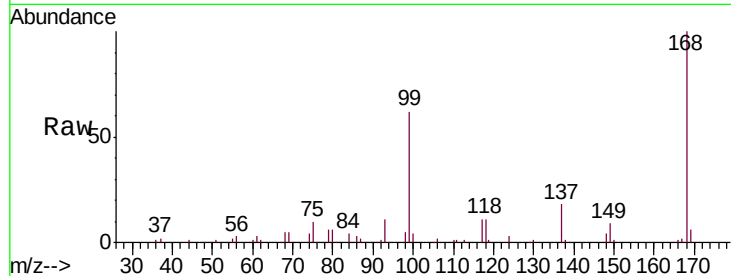
OUTFALL001-180918

Tgt Ion:168 Resp: 92896

Ion Ratio Lower Upper

168 100

99 61.9 48.1 72.1



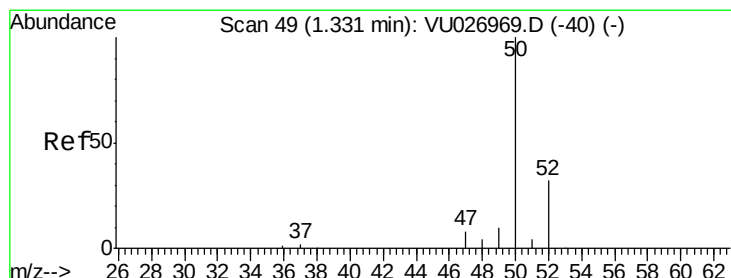
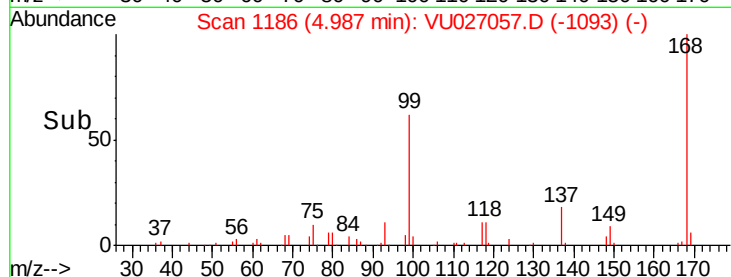
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027057.D

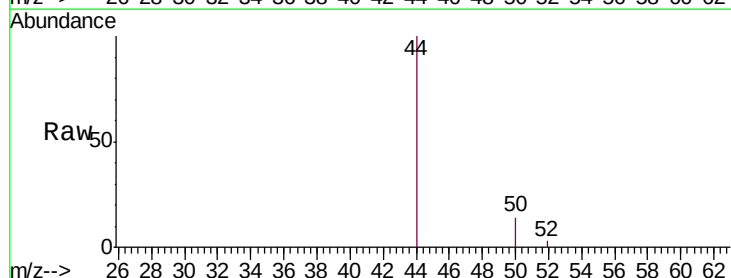
Acq: 23 Sep 2018 08:03

Tgt Ion: 50 Resp: 461

Ion Ratio Lower Upper

50 100

52 22.7 25.9 38.9#



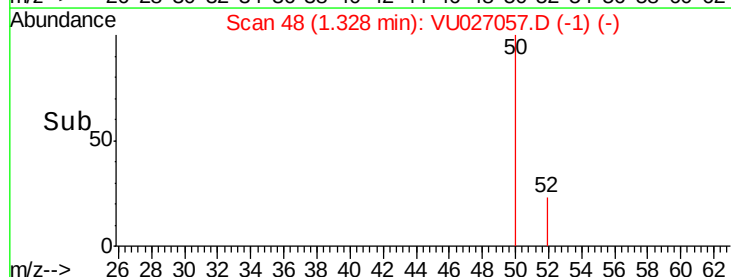
Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

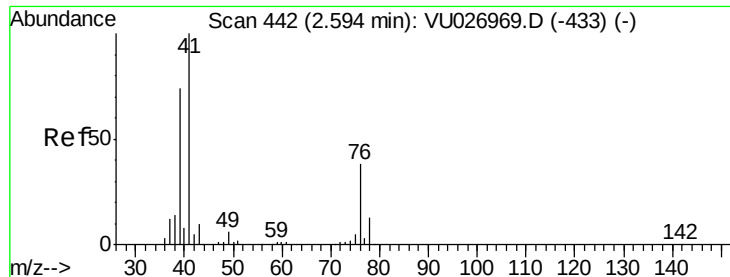
Ion 51.90 (51.60 to 52.60): VU026969.D (-40) (-)

1.33

1.30 1.32 1.34 1.36

Time-->

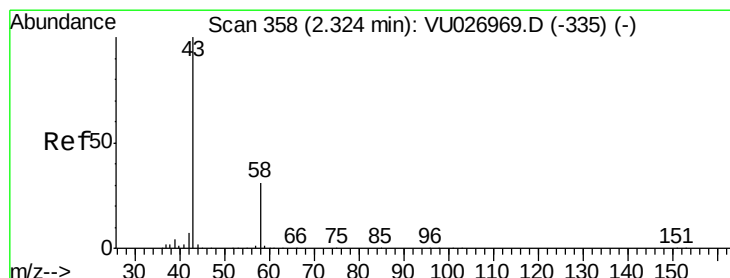
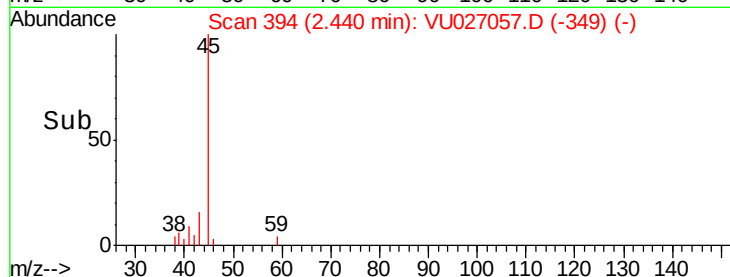
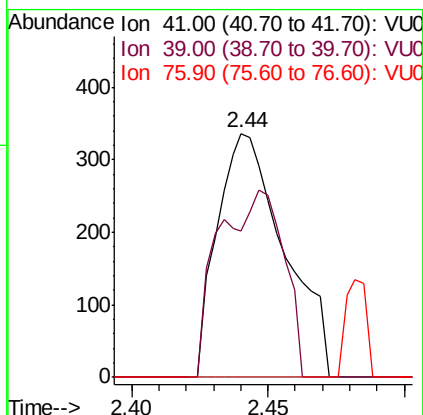
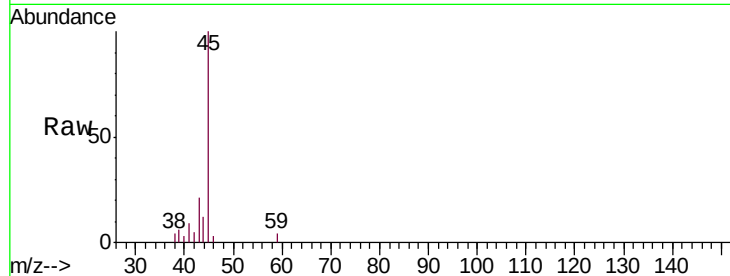




#14
 Allyl chloride
 Concen: 0.220 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

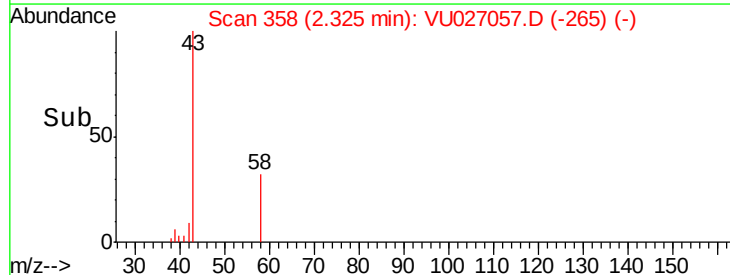
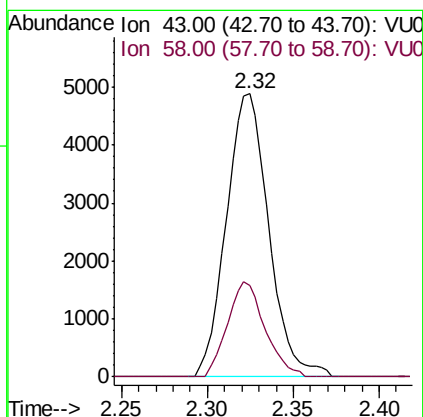
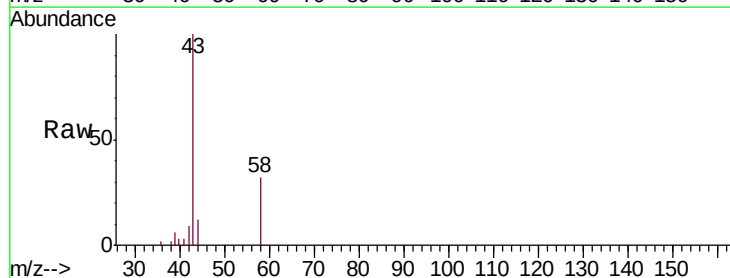
Instrument :
 MSVOA_U
 ClientSampleId :
 OUTFALL001-180918

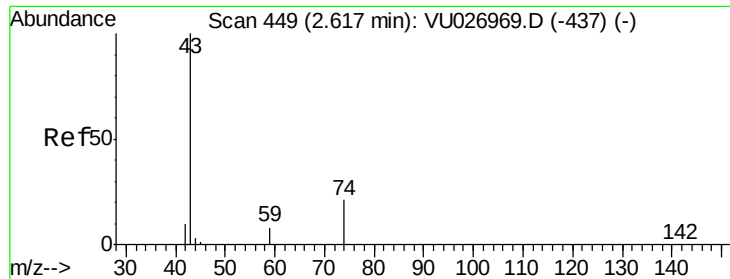
Tgt Ion: 41 Resp: 573
 Ion Ratio Lower Upper
 41 100
 39 32.8 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

Tgt Ion: 43 Resp: 8408
 Ion Ratio Lower Upper
 43 100
 58 32.5 24.6 36.8

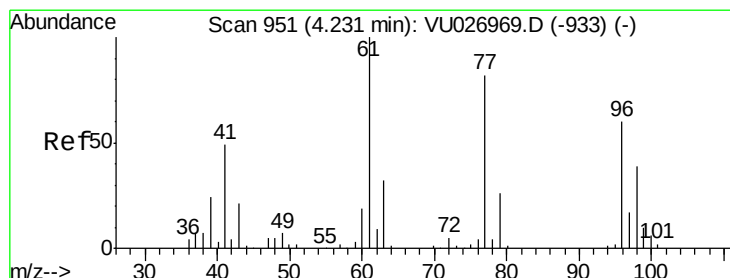
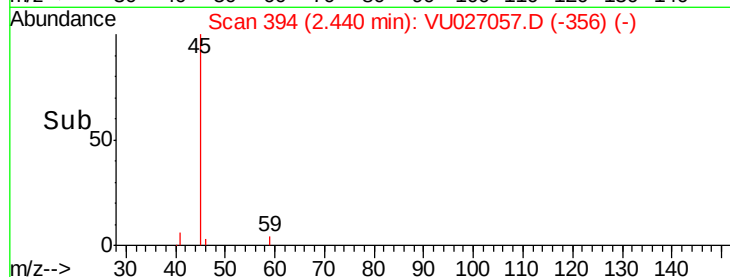
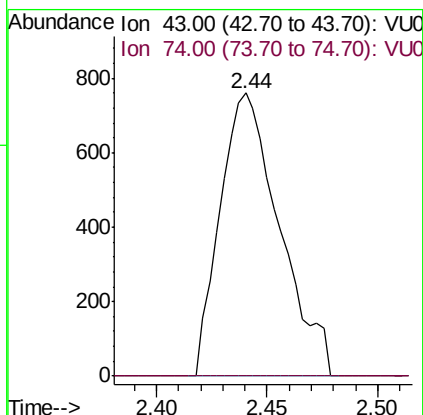
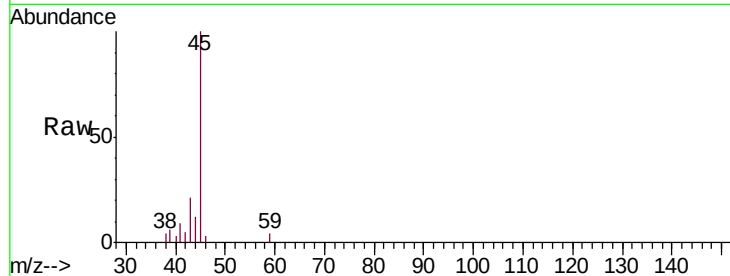




#18
Methyl Acetate
Concen: 0.531 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027057.D
Acq: 23 Sep 2018 08:03

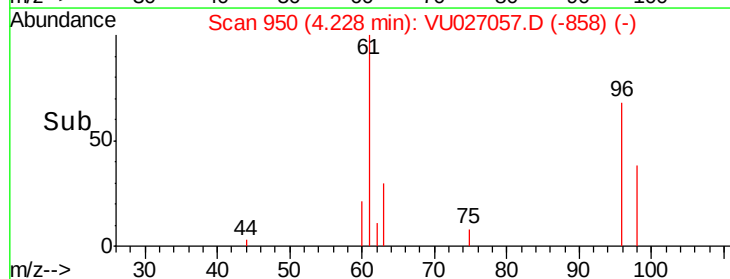
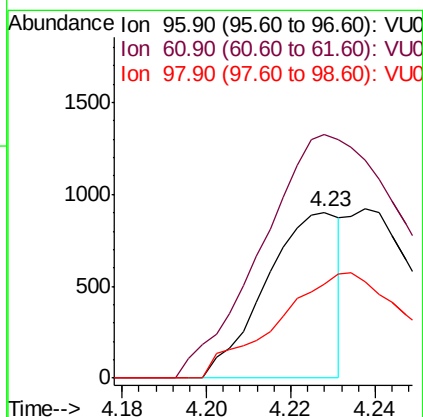
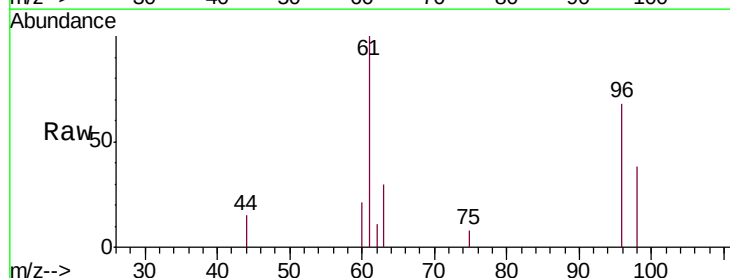
Instrument :
MSVOA_U
ClientSampleId :
OUTFALL001-180918

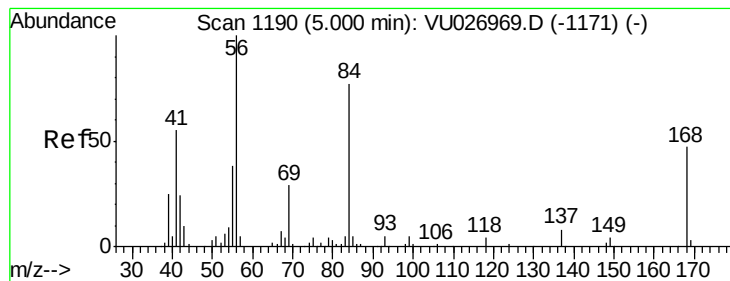
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#27
cis-1,2-Dichloroethene
Concen: 0.713 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027057.D
Acq: 23 Sep 2018 08:03

Tgt Ion: 96 Resp: 1103
Ion Ratio Lower Upper
96 100
61 296.8 0.0 337.2
98 118.7 0.0 127.6





#31

Cyclohexane

Concen: 0.289 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

OUTFALL001-180918

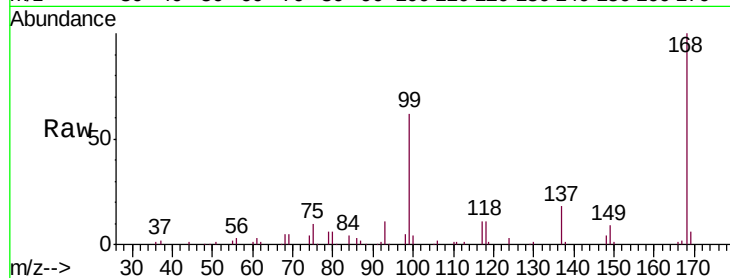
Tgt Ion: 56 Resp: 2398

Ion Ratio Lower Upper

56 100

69 172.5 23.0 34.4#

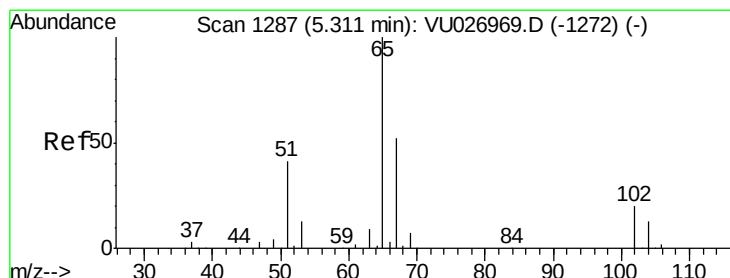
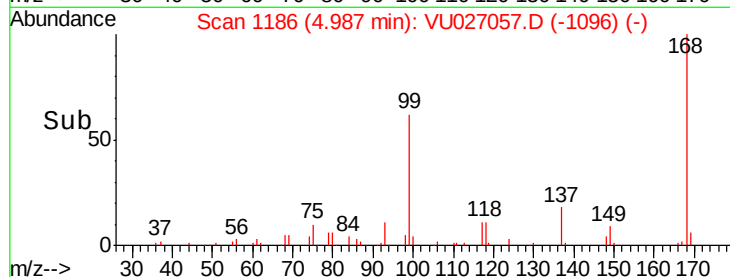
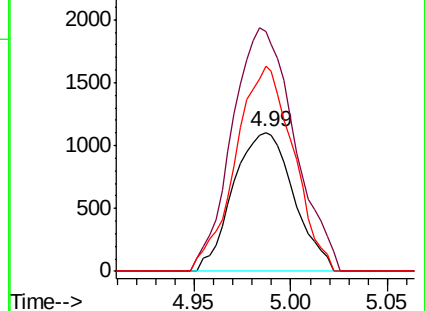
84 147.5 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU027057.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU027057.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU027057.D (-1186) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.923 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027057.D

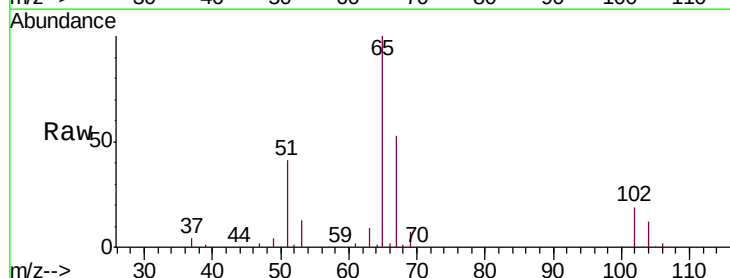
Acq: 23 Sep 2018 08:03

Tgt Ion: 65 Resp: 97079

Ion Ratio Lower Upper

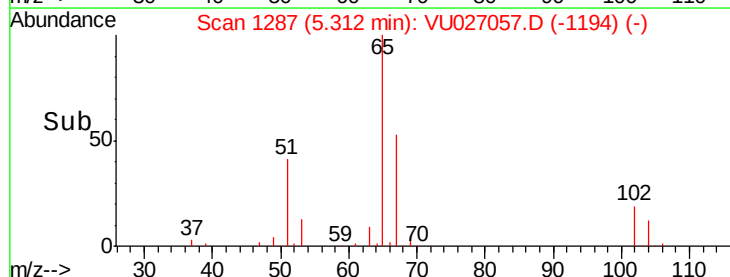
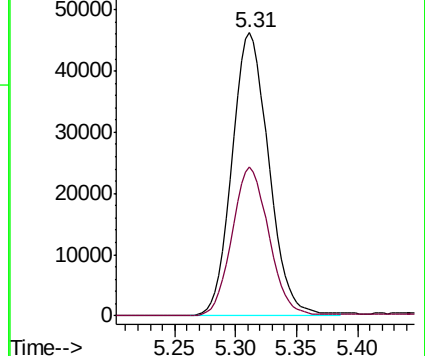
65 100

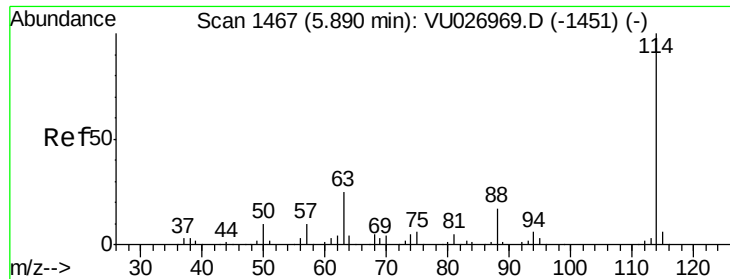
67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027057.D (-1287) (-)

Ion 66.90 (66.60 to 67.60): VU027057.D (-1287) (-)

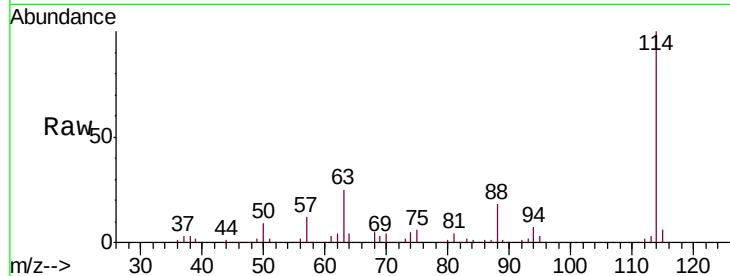




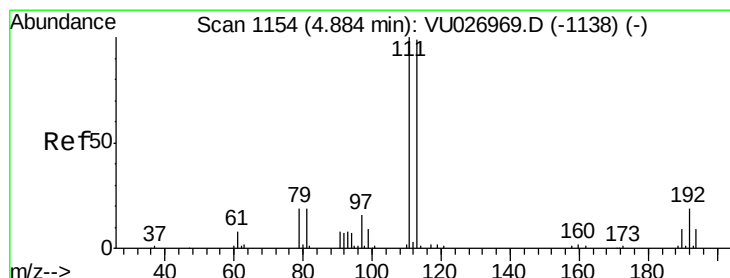
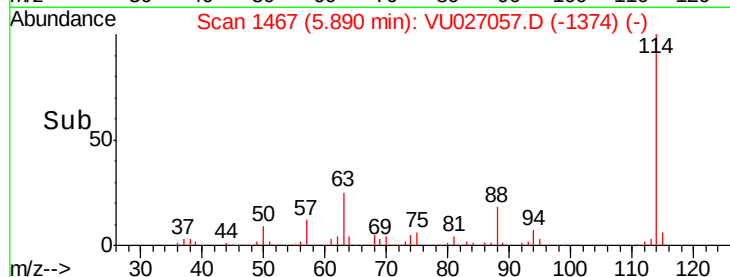
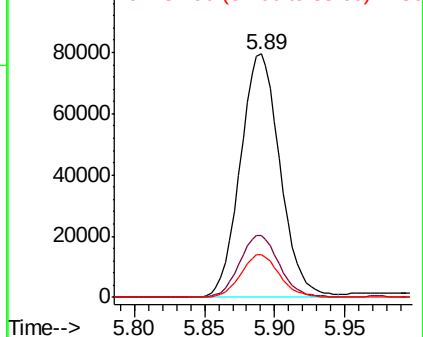
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

Instrument :
 MSVOA_U
 ClientSampleId :
 OUTFALL001-180918

Tgt Ion:114 Resp: 157306
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.6 0.0 33.8

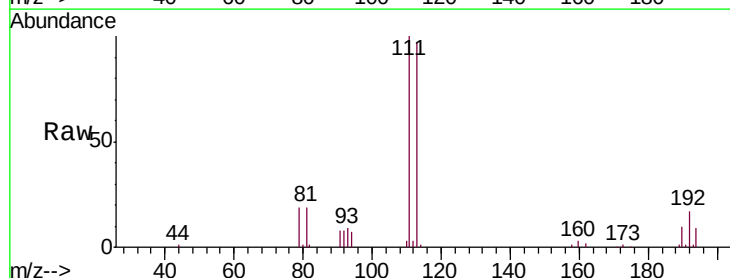


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

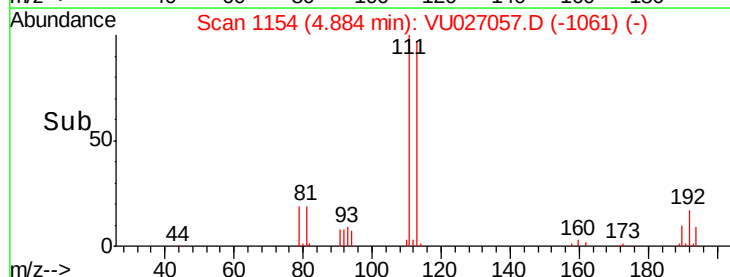
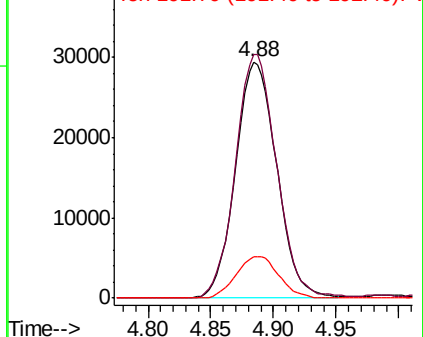


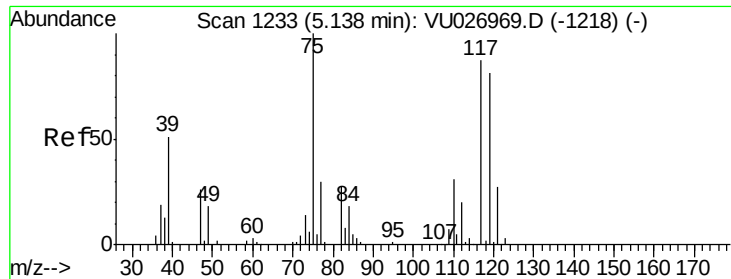
#35
 Dibromofluoromethane
 Concen: 49.390 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

Tgt Ion:113 Resp: 67345
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 18.1 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: 4.319 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

OUTFALL001-180918

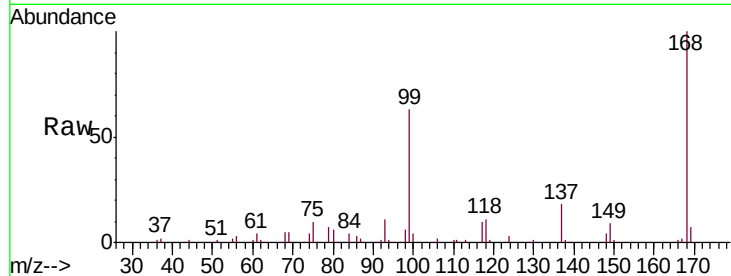
Tgt Ion: 75 Resp: 9068

Ion Ratio Lower Upper

75 100

110 6.3 16.1 48.2#

77 0.0 24.6 36.8#

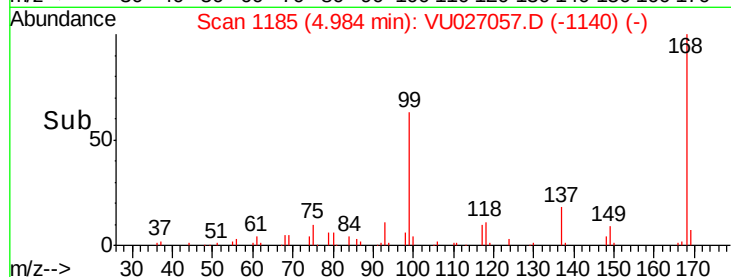


Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU026969.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1218) (-)

Time-->



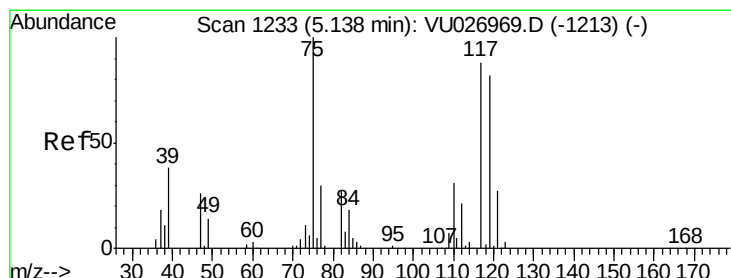
Abundance

Ion 74.90 (74.60 to 75.60): VU026969.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU026969.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1218) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.733 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

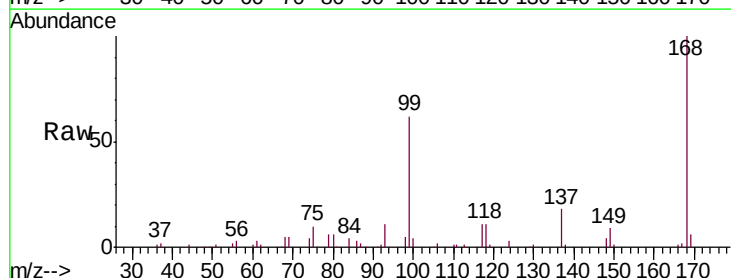
Tgt Ion: 117 Resp: 9455

Ion Ratio Lower Upper

117 100

119 6.7 74.4 111.6#

121 0.0 24.2 36.4#

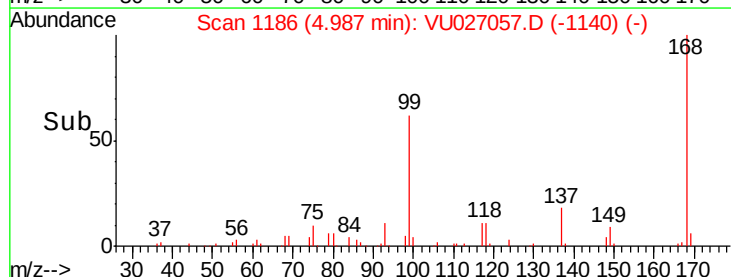


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

Time-->



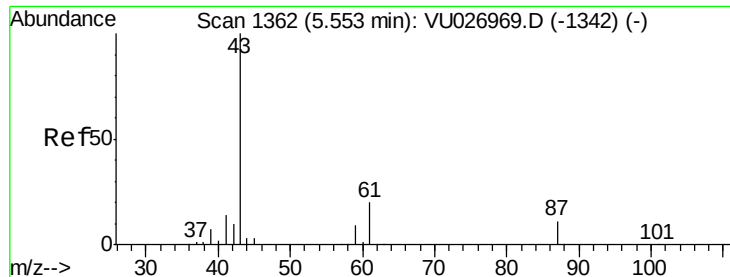
Abundance

Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

Time-->



#43

Isopropyl Acetate

Concen: 0.239 ug/l

RT: 5.80 min Scan# 1440

Delta R.T. 0.25 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

OUTFALL001-180918

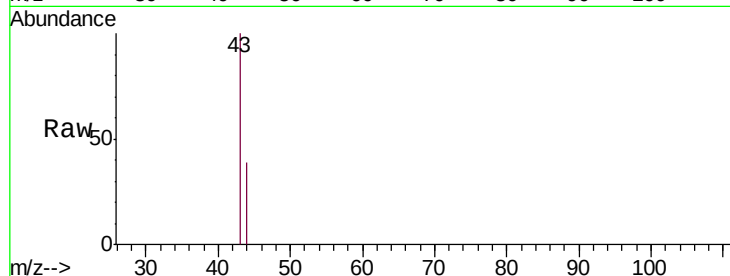
Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

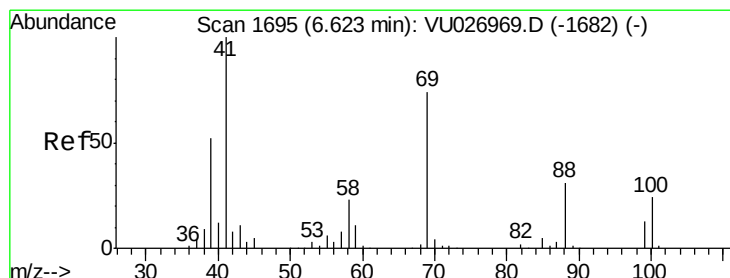
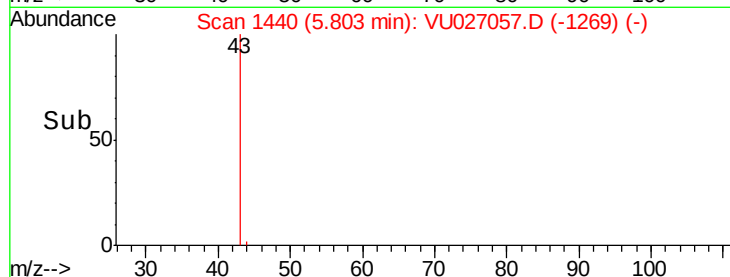
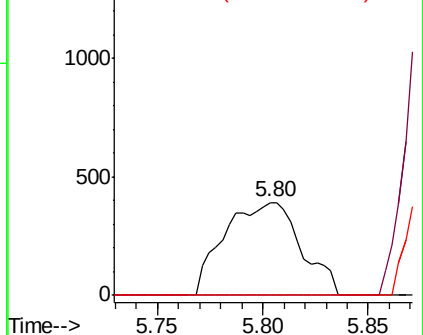
87 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#48

Methyl methacrylate

Concen: 1.042 ug/l

RT: 6.83 min Scan# 1759

Delta R.T. 0.21 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

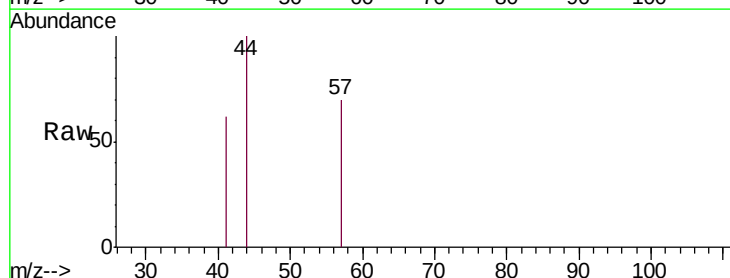
Tgt Ion: 41 Resp: 69

Ion Ratio Lower Upper

41 100

69 0.0 60.6 90.8#

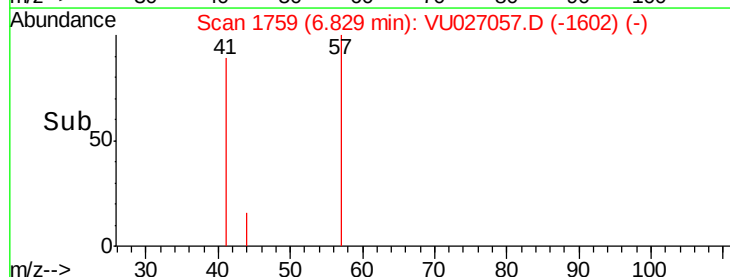
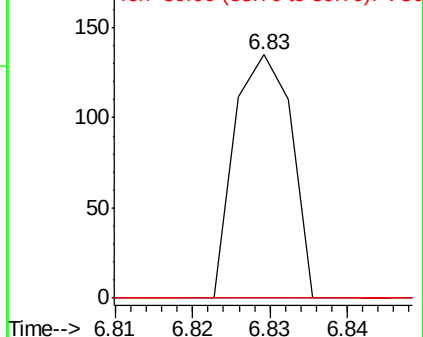
39 0.0 42.8 64.2#

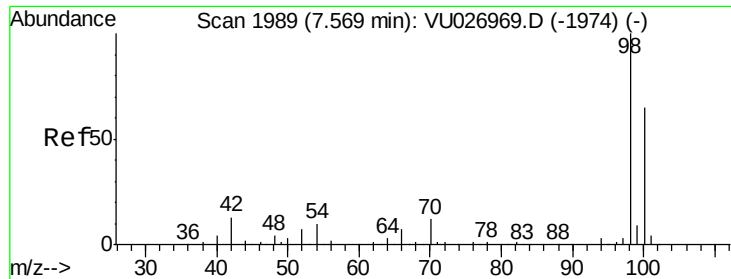


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#50

Toluene-d8

Concen: 48.402 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

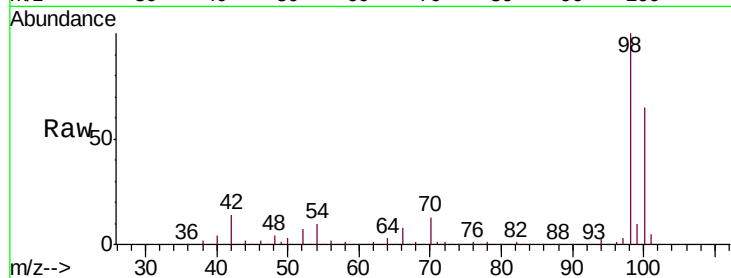
OUTFALL001-180918

Tgt Ion: 98 Resp: 251518

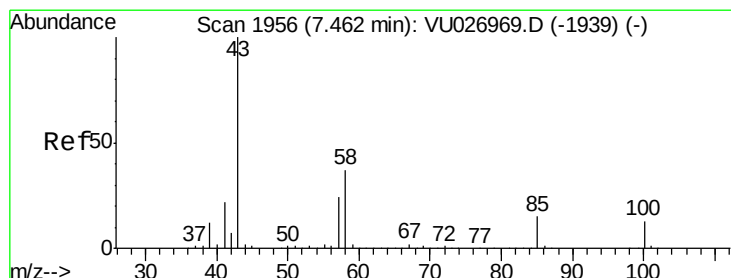
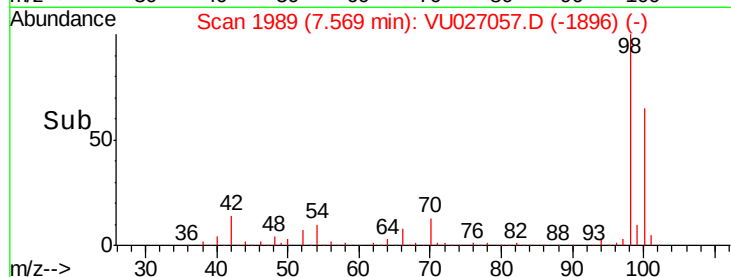
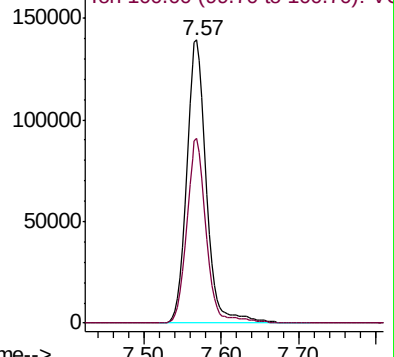
Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.439 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027057.D

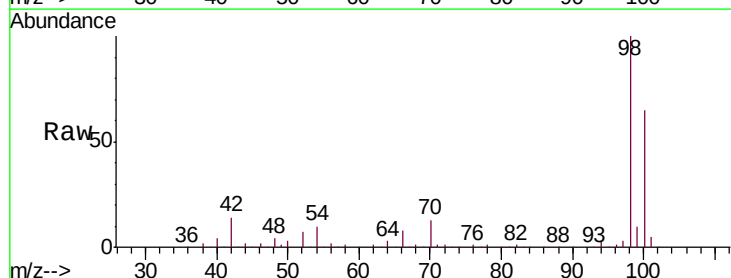
Acq: 23 Sep 2018 08:03

Tgt Ion: 43 Resp: 1224

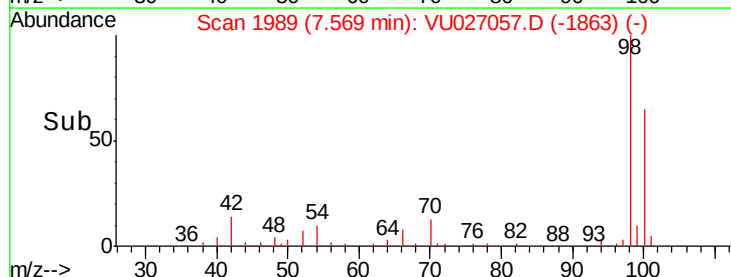
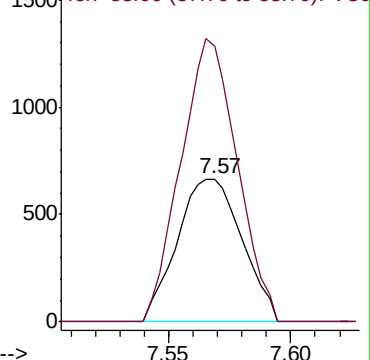
Ion Ratio Lower Upper

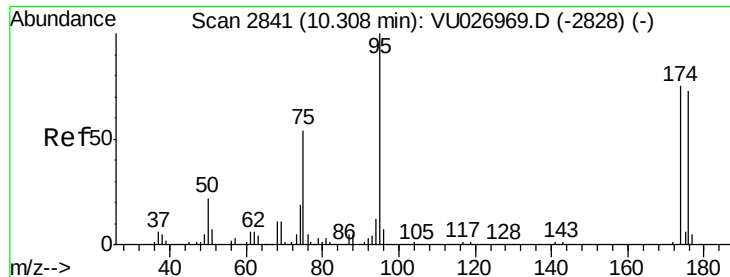
43 100

58 172.7 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

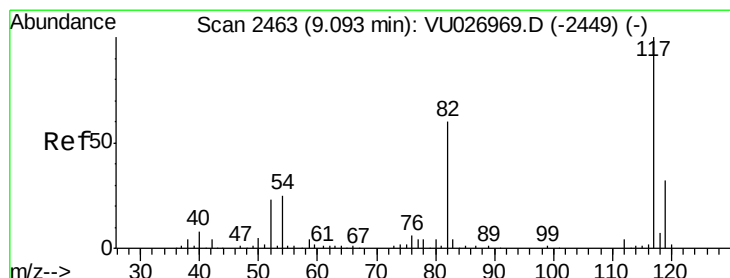
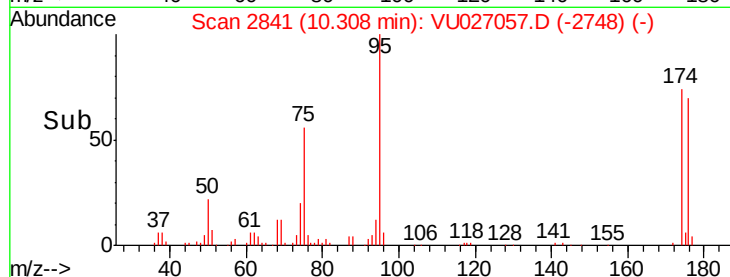
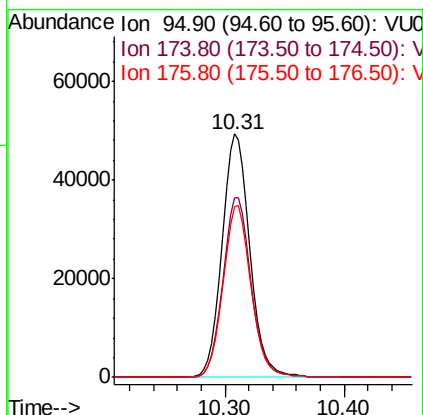
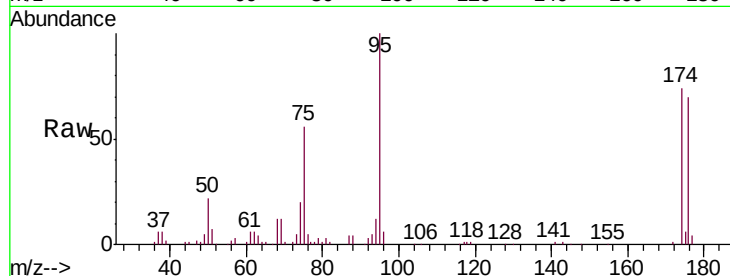




#62
 4-Bromofluorobenzene
 Concen: 44.670 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

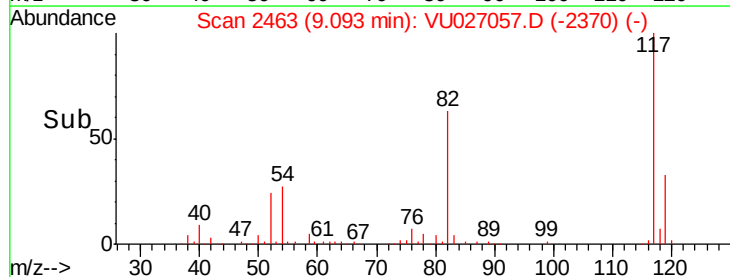
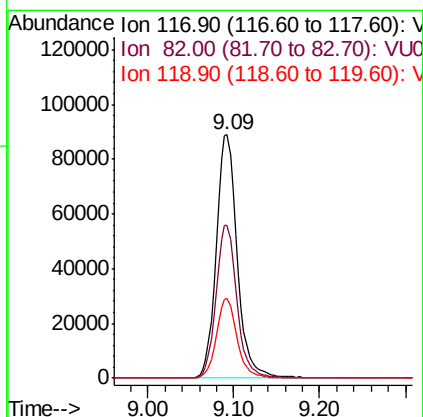
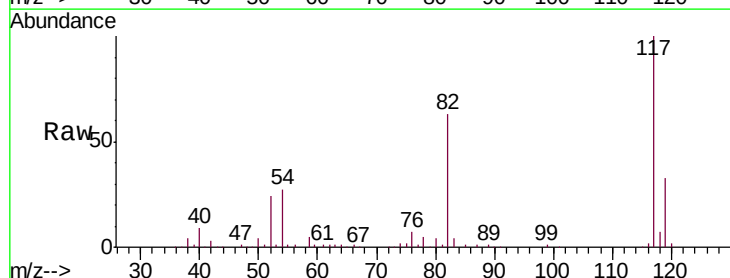
Instrument :
 MSVOA_U
 ClientSampleId :
 OUTFALL001-180918

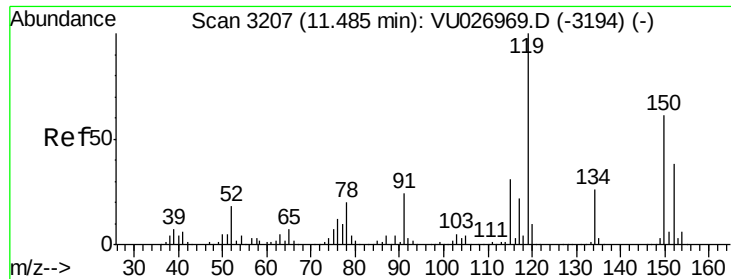
Tgt Ion: 95 Resp: 79650
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 71.0 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027057.D
 Acq: 23 Sep 2018 08:03

Tgt Ion: 117 Resp: 151175
 Ion Ratio Lower Upper
 117 100
 82 62.9 48.0 72.0
 119 32.5 25.8 38.8



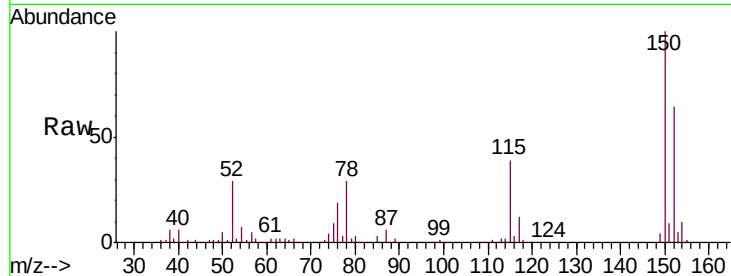


#72

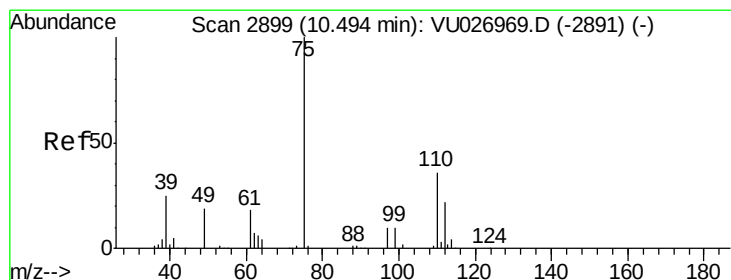
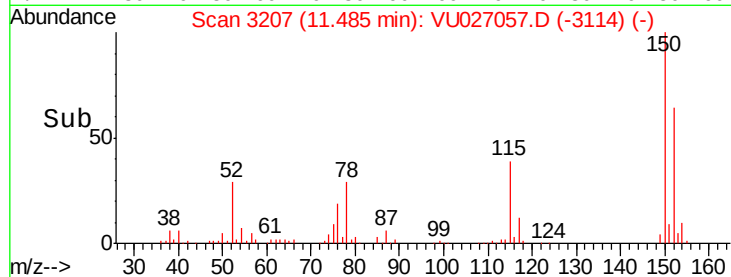
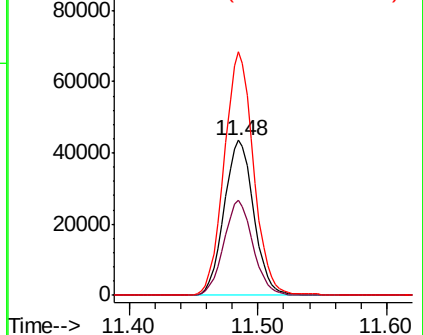
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027057.D
Acq: 23 Sep 2018 08:03

Instrument :
MSVOA_U
ClientSampleId :
OUTFALL001-180918

Tgt Ion:152 Resp: 69520
Ion Ratio Lower Upper
152 100
115 60.2 44.9 134.5
150 155.8 0.0 355.8



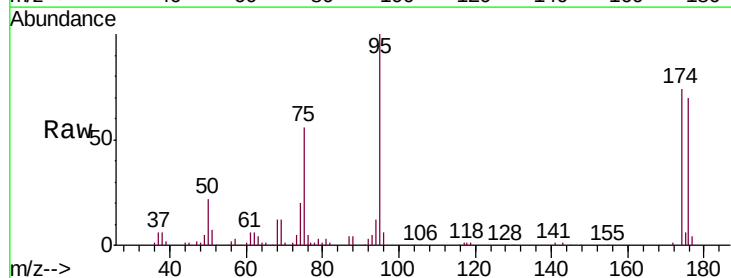
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



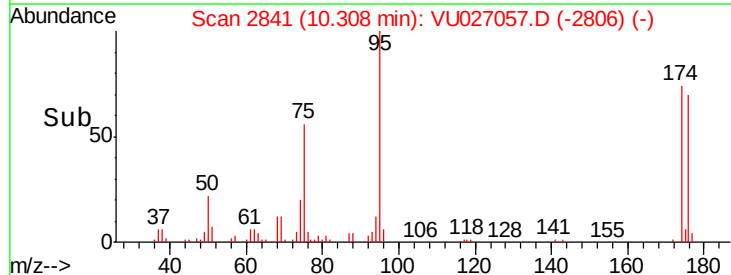
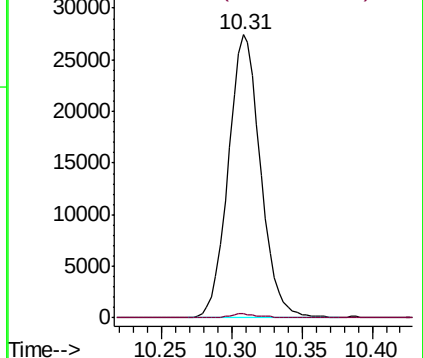
#76

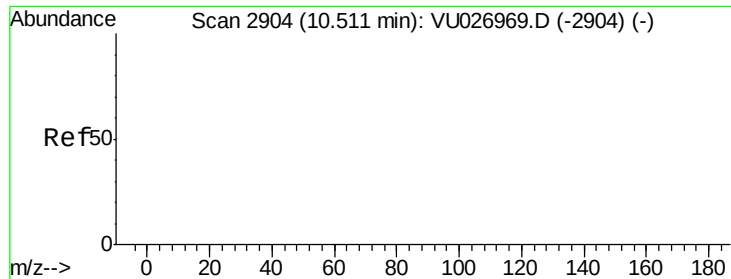
1,2,3-Trichloropropane
Concen: 20.786 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027057.D
Acq: 23 Sep 2018 08:03

Tgt Ion: 75 Resp: 43899
Ion Ratio Lower Upper
75 100
77 1.1 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: 66.517 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027057.D

Acq: 23 Sep 2018 08:03

Instrument :

MSVOA_U

ClientSampleId :

OUTFALL001-180918

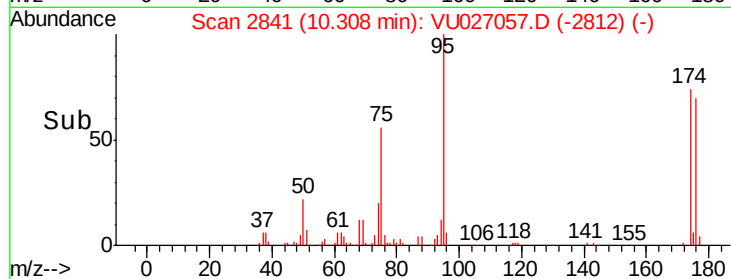
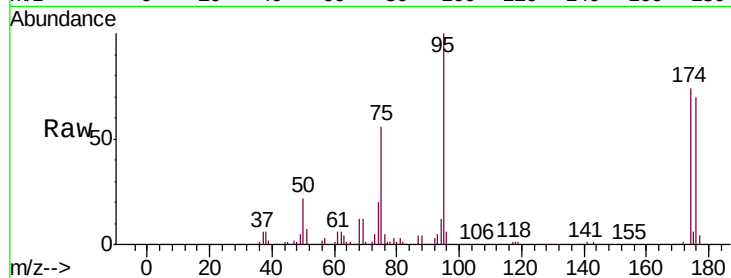
Tgt Ion: 75 Resp: 43899

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

