

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU026977.D
 Acq On : 21 Sep 2018 19:18
 Operator : MD/SY
 Sample : J4939-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1DL

Quant Time: Sep 22 02:32:34 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

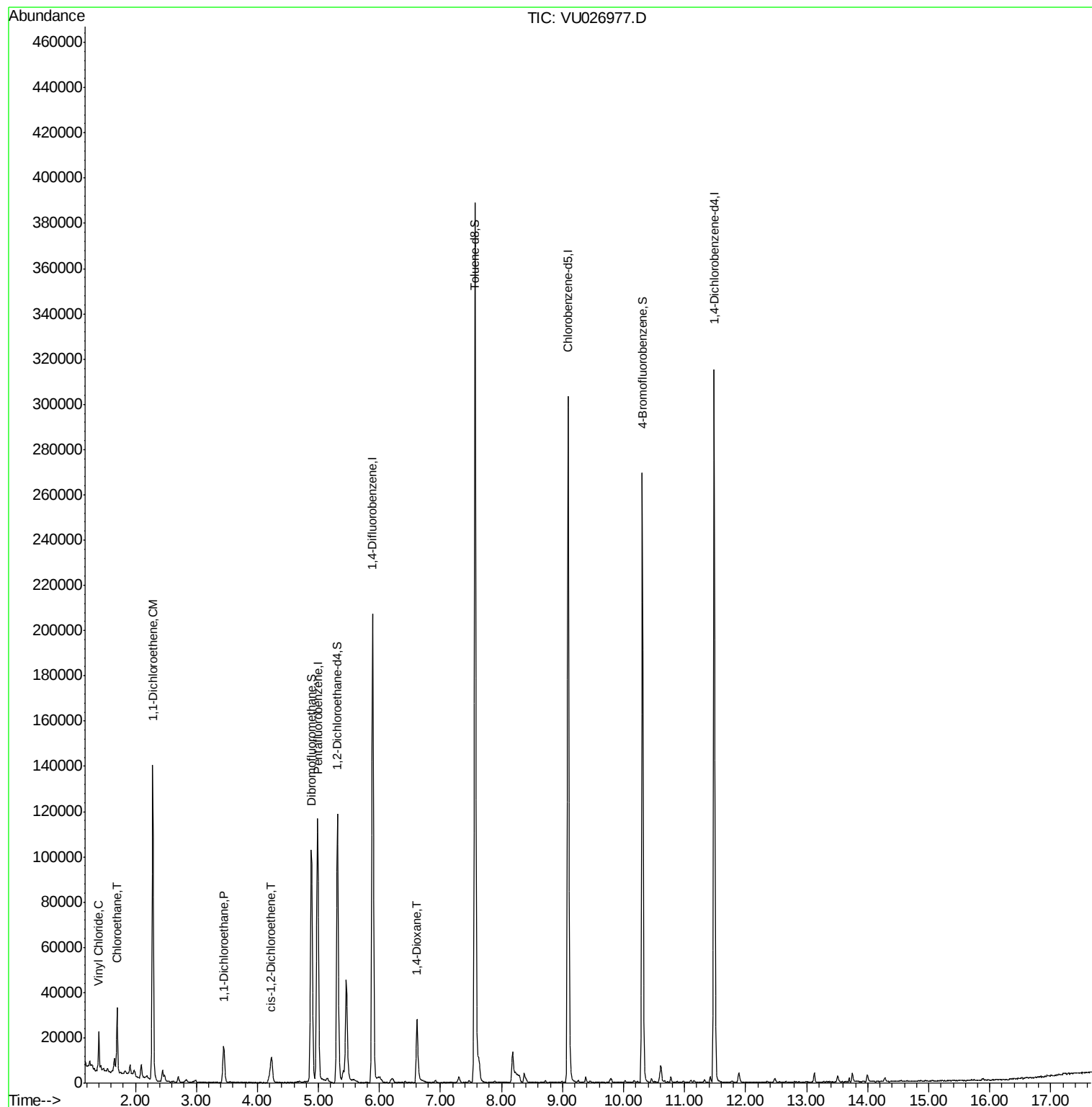
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	81922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	163196	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	161701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	76425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	90631	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
35) Dibromofluoromethane	4.88	113	70890	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	7.57	98	252385	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
62) 4-Bromofluorobenzene	10.31	95	89348	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	10958	6.366	ug/l	97
6) Chloroethane	1.70	64	17583	15.987	ug/l	98
12) 1,1-Dichloroethene	2.29	96	40084	35.427	ug/l	98
24) 1,1-Dichloroethane	3.45	63	18692	6.914	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	5865	4.299	ug/l	88
49) 1,4-Dioxane	6.61	88	20842	447.457	ug/l	98

(#) = 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: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

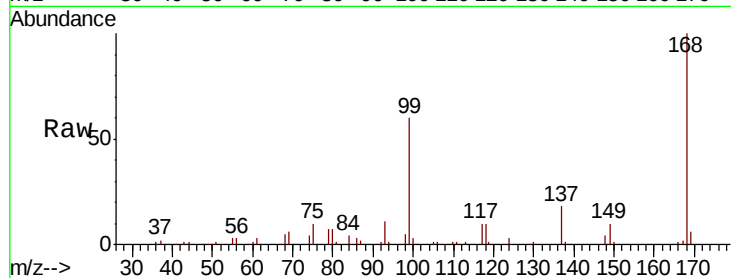
Instrument :
MSVOA_U
ClientSampleId :
MW-1DL

Tot Ion:168 Resp: 81922

Ion Ratio Lower Upper

168 100

99 60.0 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

40000

30000

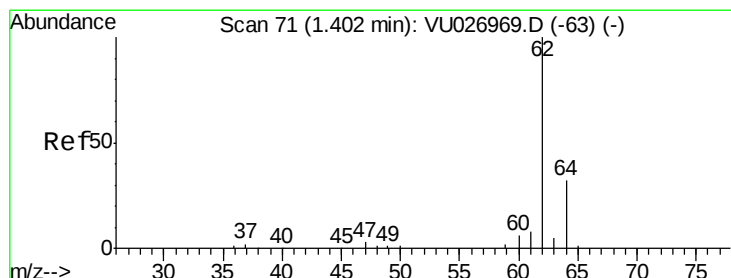
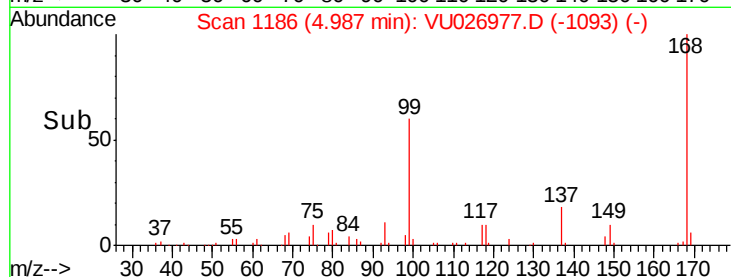
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 6.366 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026977.D

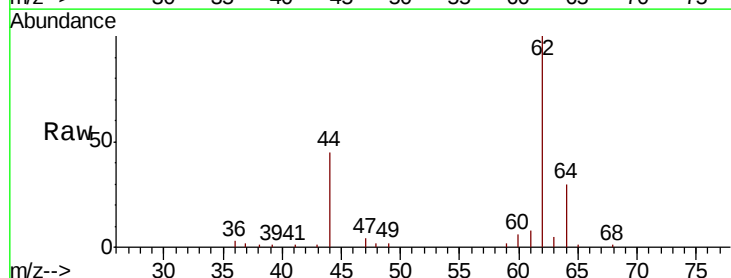
Acq: 21 Sep 2018 19:18

Tgt Ion: 62 Resp: 10958

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

12000

10000

8000

6000

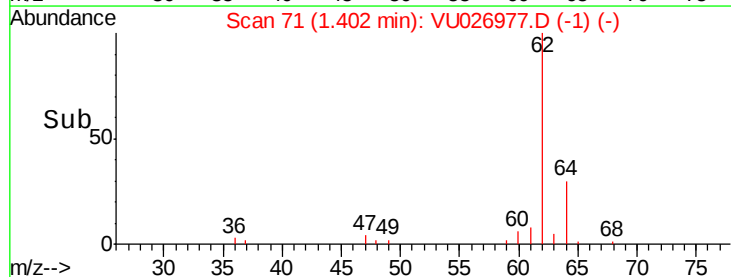
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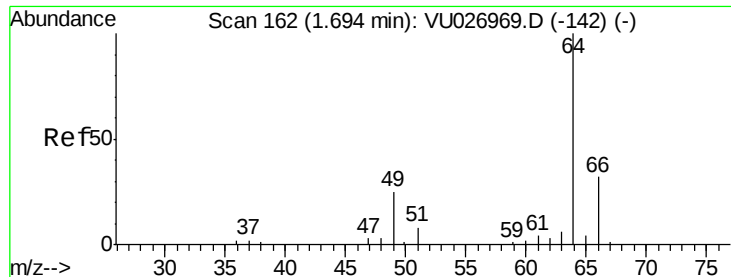
2000

0

1.35 1.40 1.45

Time-->





#6

Chloroethane

Concen: 15.987 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

Instrument :

MSVOA_U

ClientSampled :

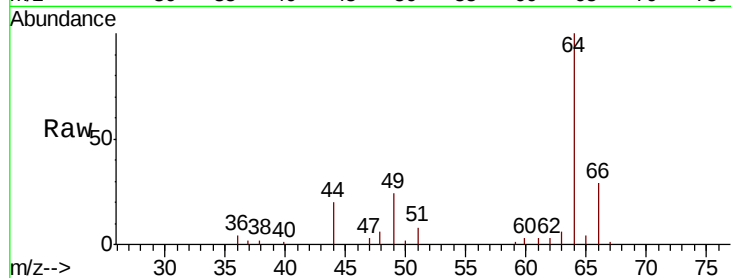
MW-1DL

Tot Ion: 64 Resp: 17583

Ion Ratio Lower Upper

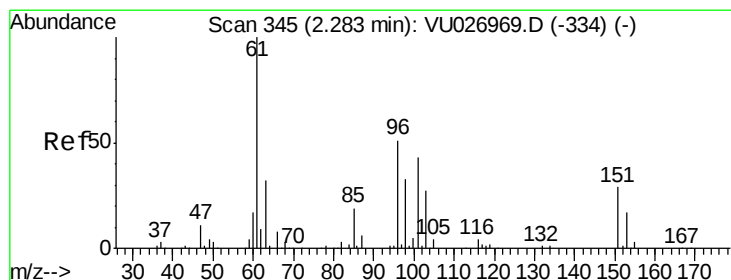
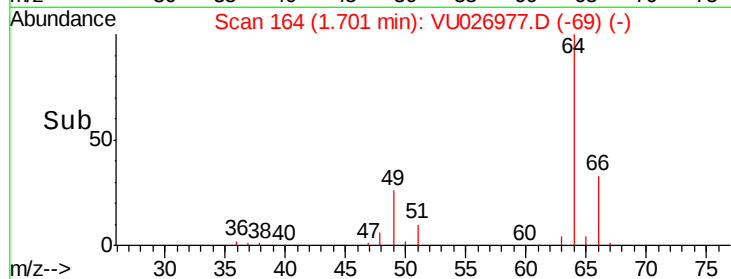
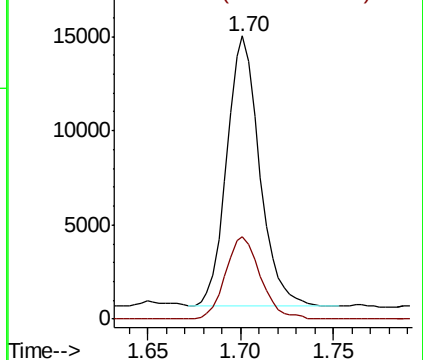
64 100

66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#12

1,1-Dichloroethene

Concen: 35.427 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

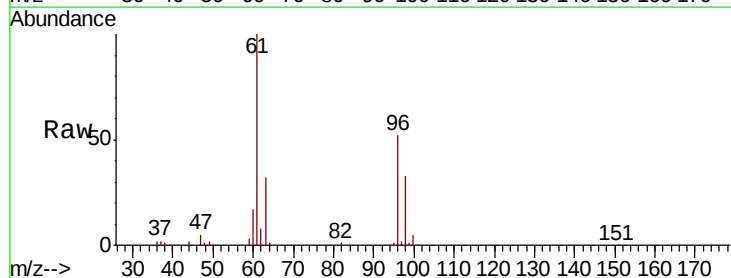
Tgt Ion: 96 Resp: 40084

Ion Ratio Lower Upper

96 100

61 192.9 156.1 234.1

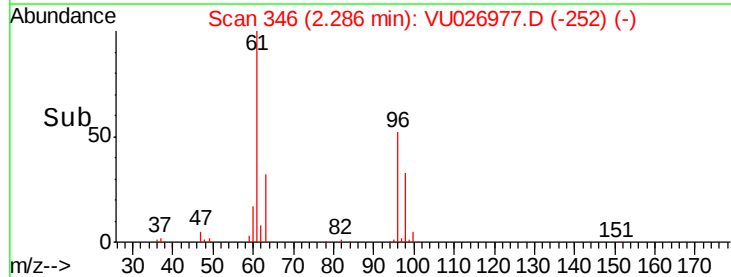
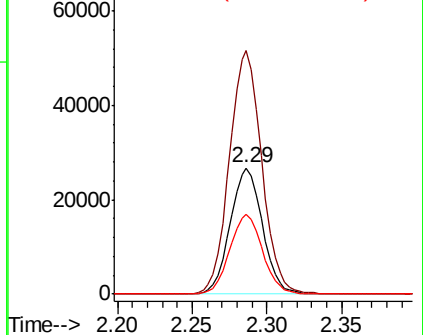
98 62.8 51.4 77.0

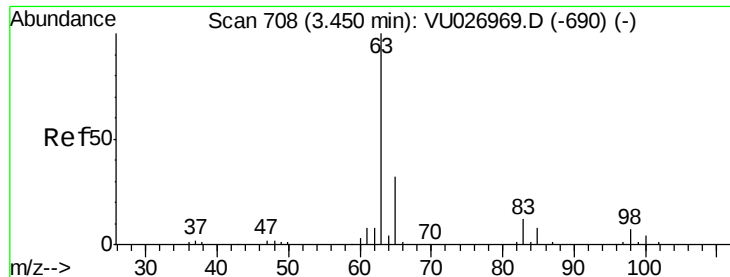


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#24

1,1-Dichloroethane

Concen: 6.914 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

Instrument :

MSVOA_U

ClientSampled :

MW-1DL

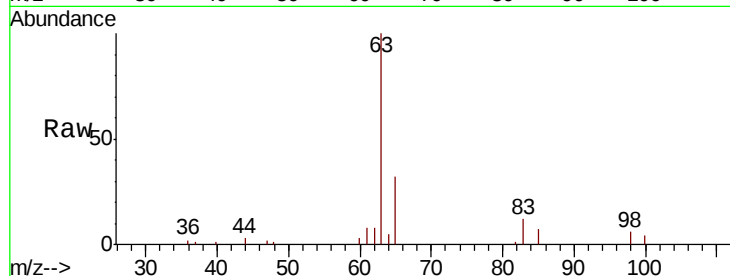
Tot Ion: 63 Resp: 18692

Ion Ratio Lower Upper

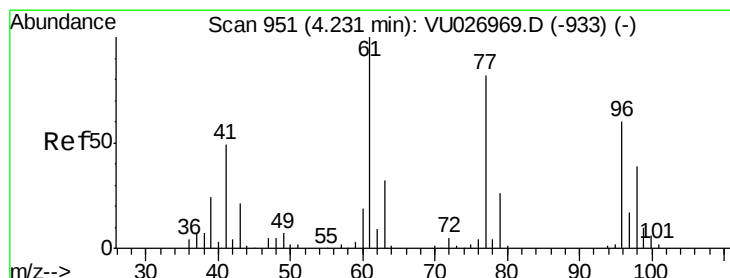
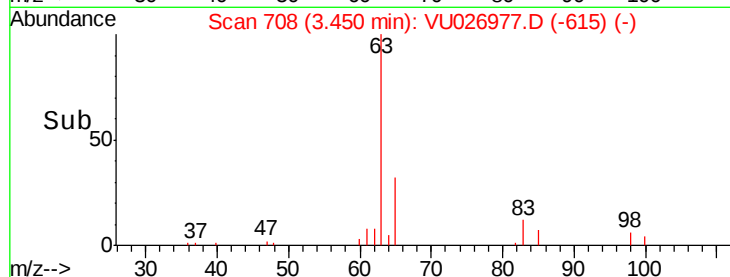
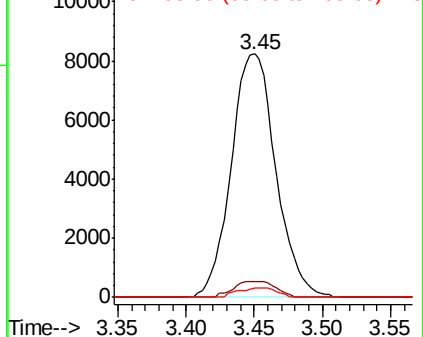
63 100

98 6.2 3.3 9.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 4.299 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

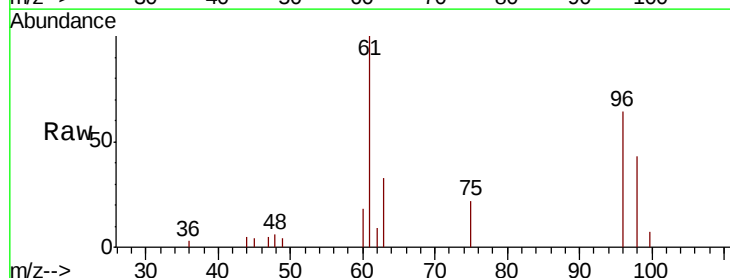
Tgt Ion: 96 Resp: 5865

Ion Ratio Lower Upper

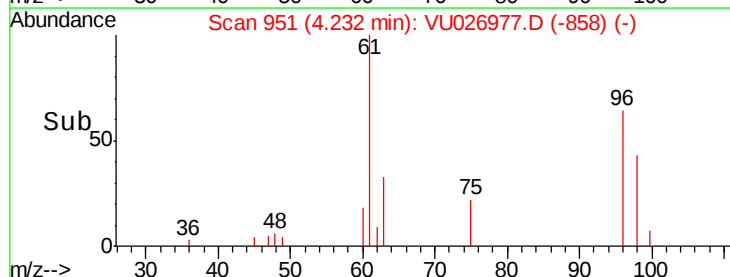
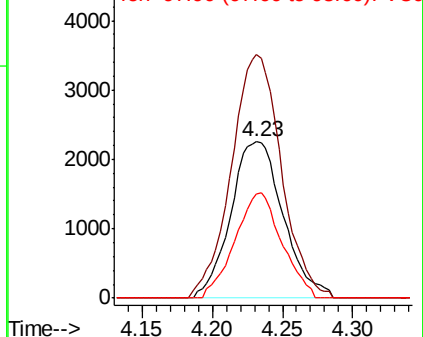
96 100

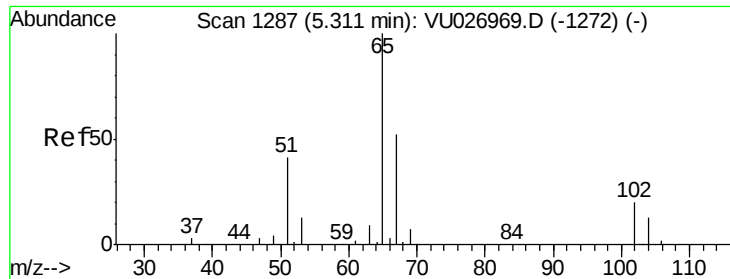
61 148.4 0.0 337.2

98 59.9 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

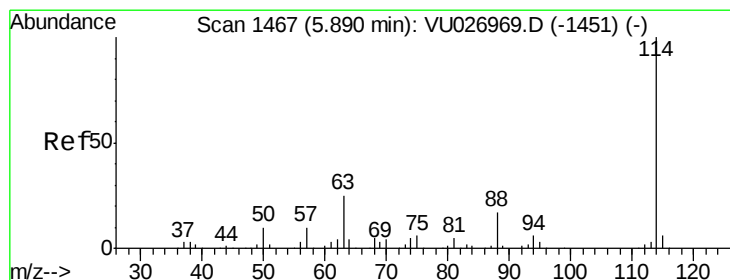
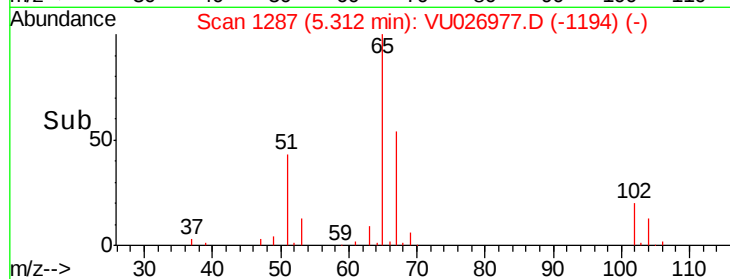
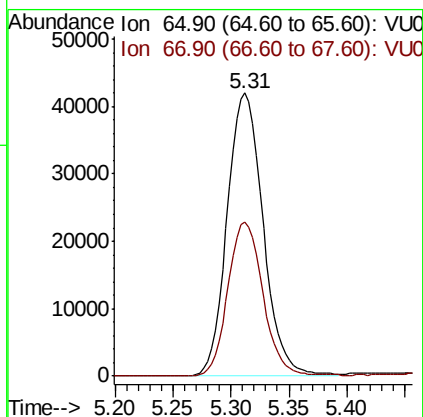
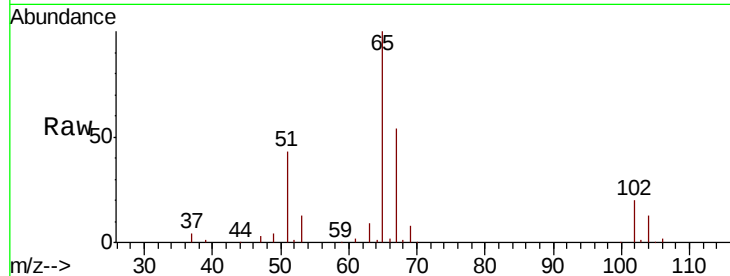




#33
 1,2-Dichloroethane-d4
 Concen: 54.967 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026977.D
 Acq: 21 Sep 2018 19:18

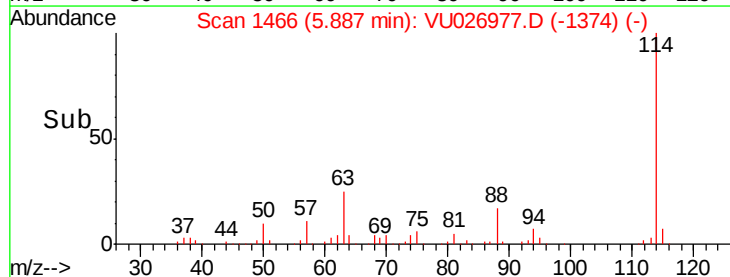
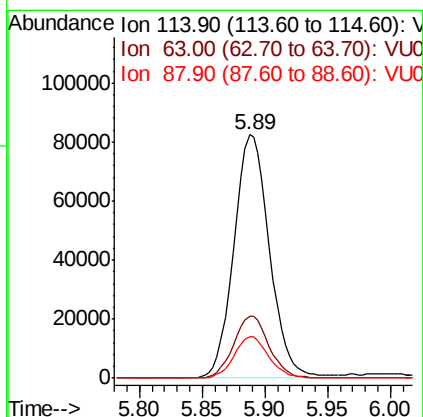
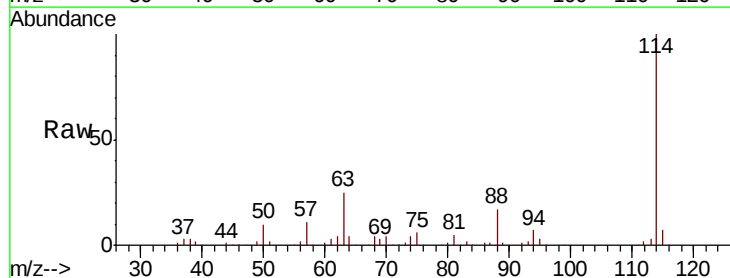
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1DL

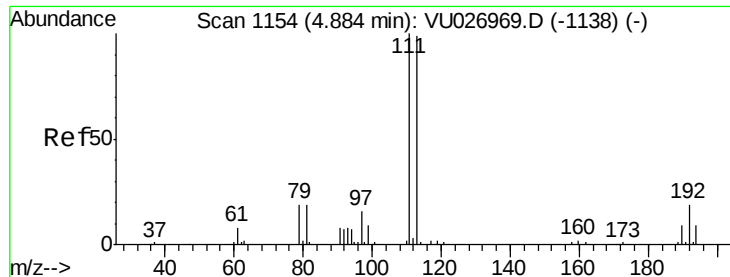
Tot Ion: 65 Resp: 90631
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU026977.D
 Acq: 21 Sep 2018 19:18

Tgt Ion: 114 Resp: 163196
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.0 0.0 33.8

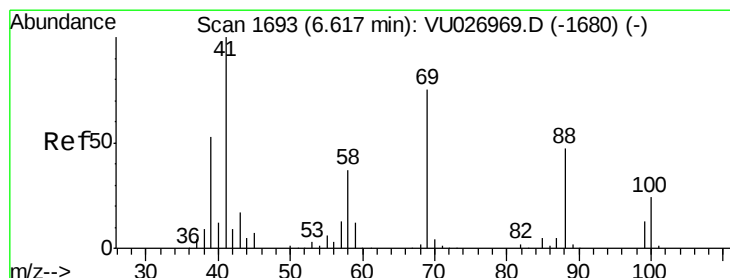
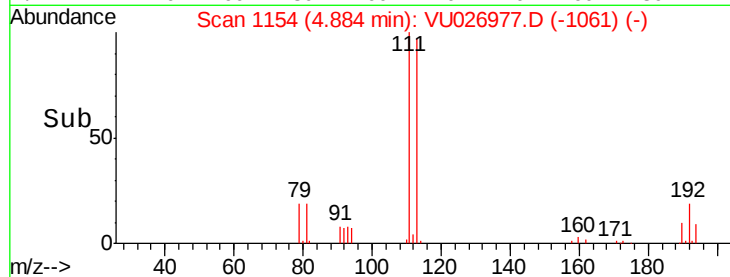
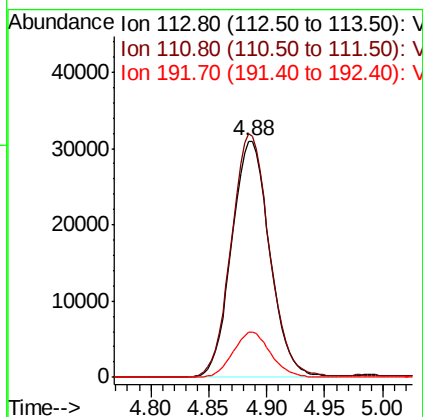
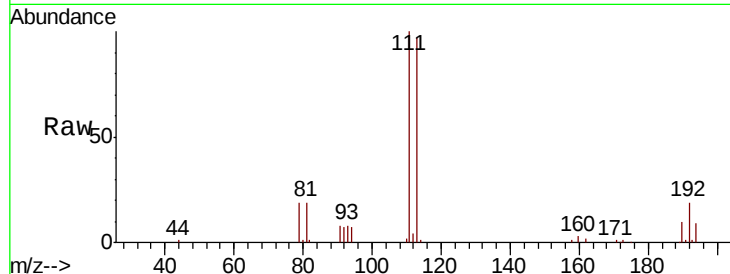




#35
 Dibromofluoromethane
 Concen: 50.114 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026977.D
 Acq: 21 Sep 2018 19:18

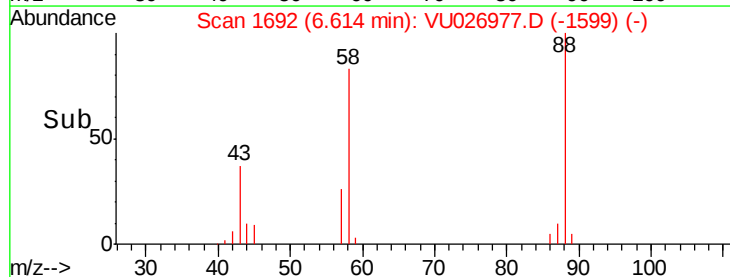
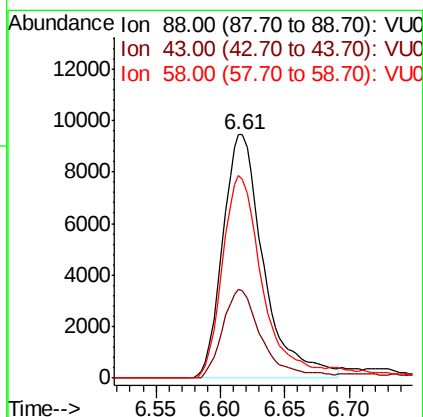
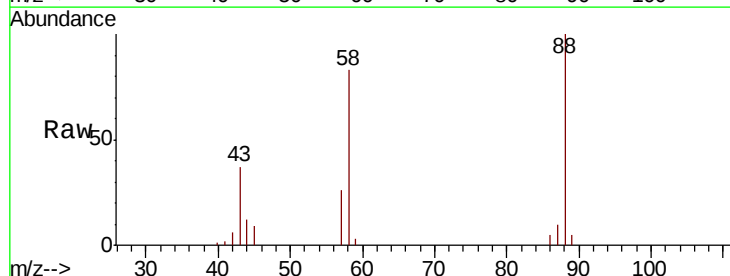
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1DL

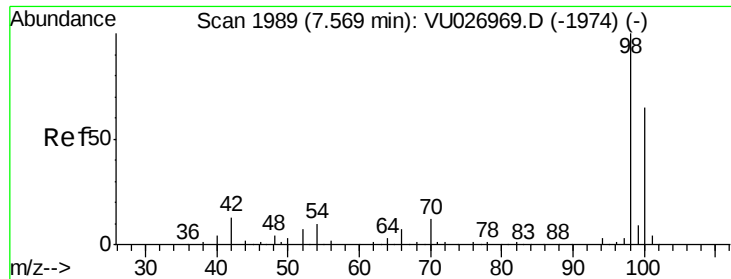
Tot Ion:113 Resp: 70890
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 18.7 15.2 22.8



#49
 1,4-Dioxane
 Concen: 447.457 ug/l
 RT: 6.61 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VU026977.D
 Acq: 21 Sep 2018 19:18

Tgt Ion: 88 Resp: 20842
 Ion Ratio Lower Upper
 88 100
 43 34.8 29.8 44.8
 58 80.5 63.9 95.9





#50

Toluene-d8

Concen: 46.816 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

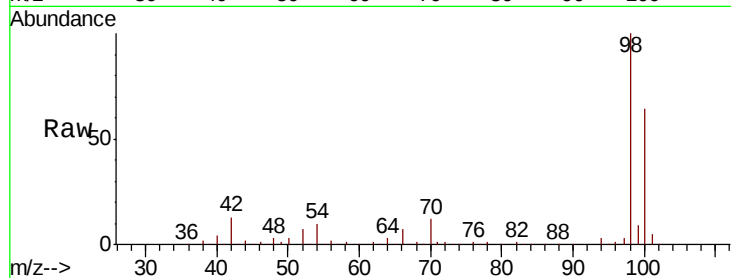
MW-1DL

Tot Ion: 98 Resp: 252385

Ion Ratio Lower Upper

98 100

100 66.7 52.1 78.1



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

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

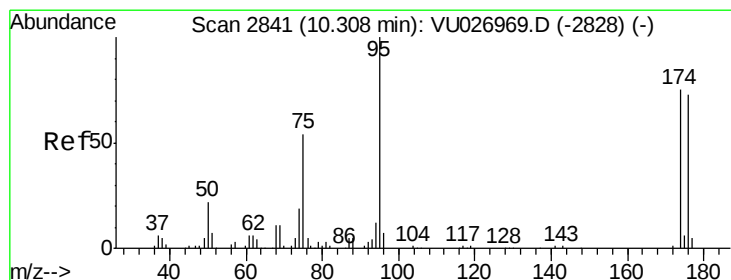
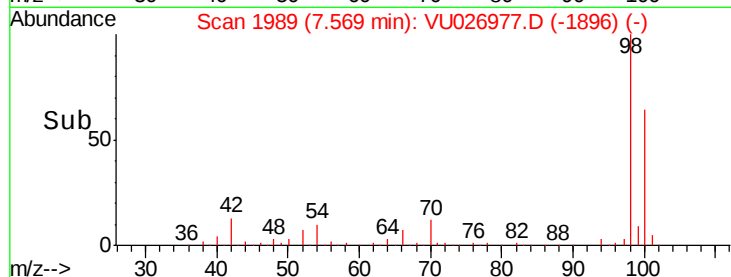
100000

50000

0

7.50 7.55 7.60

Time-->



#62

4-Bromofluorobenzene

Concen: 48.300 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026977.D

Acq: 21 Sep 2018 19:18

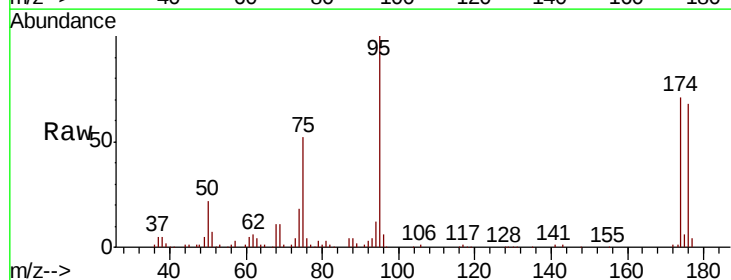
Tgt Ion: 95 Resp: 89348

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.2

176 70.9 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) (-)

10.31

60000

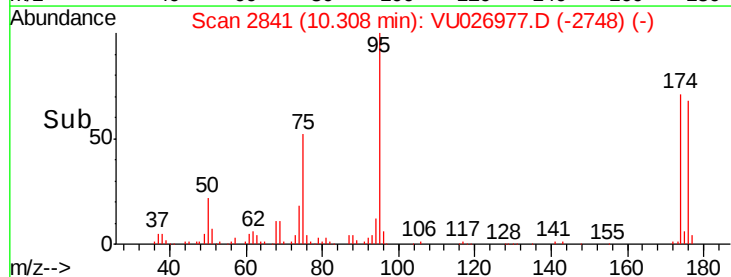
40000

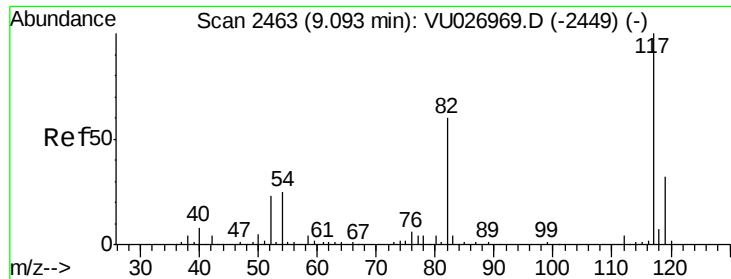
20000

0

10.20 10.30 10.40

Time-->

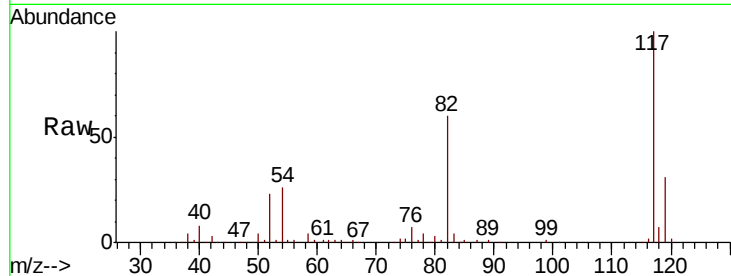




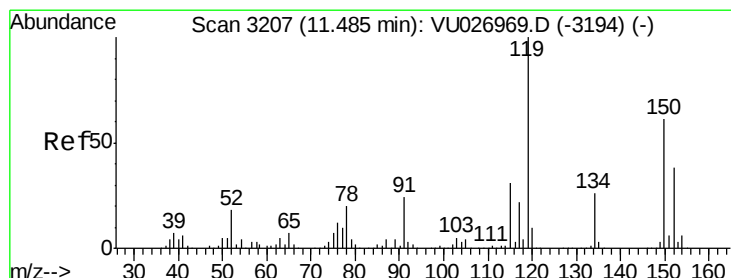
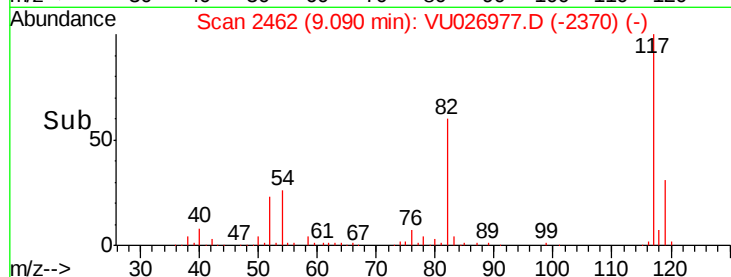
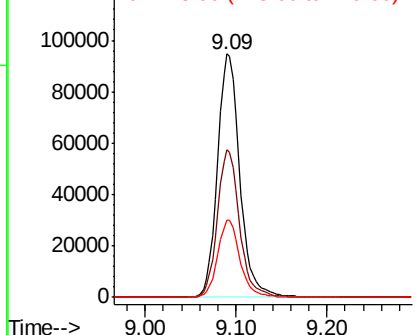
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU026977.D
Acq: 21 Sep 2018 19:18

Instrument :
MSVOA_U
ClientSampleId :
MW-1DL

Tot Ion:117 Resp: 161701
Ion Ratio Lower Upper
117 100
82 60.5 48.0 72.0
119 31.5 25.8 38.8

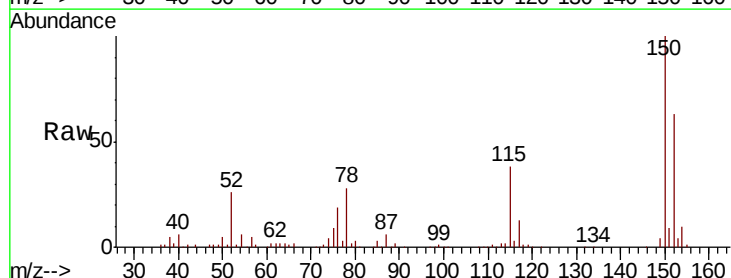


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026977.D
Acq: 21 Sep 2018 19:18

Tgt Ion:152 Resp: 76425
Ion Ratio Lower Upper
152 100
115 61.0 44.9 134.5
150 158.2 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

