

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027203.D
 Acq On : 27 Sep 2018 01:57
 Operator : MD/SY
 Sample : J5048-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-80-SEP18

Quant Time: Sep 27 03:42:53 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

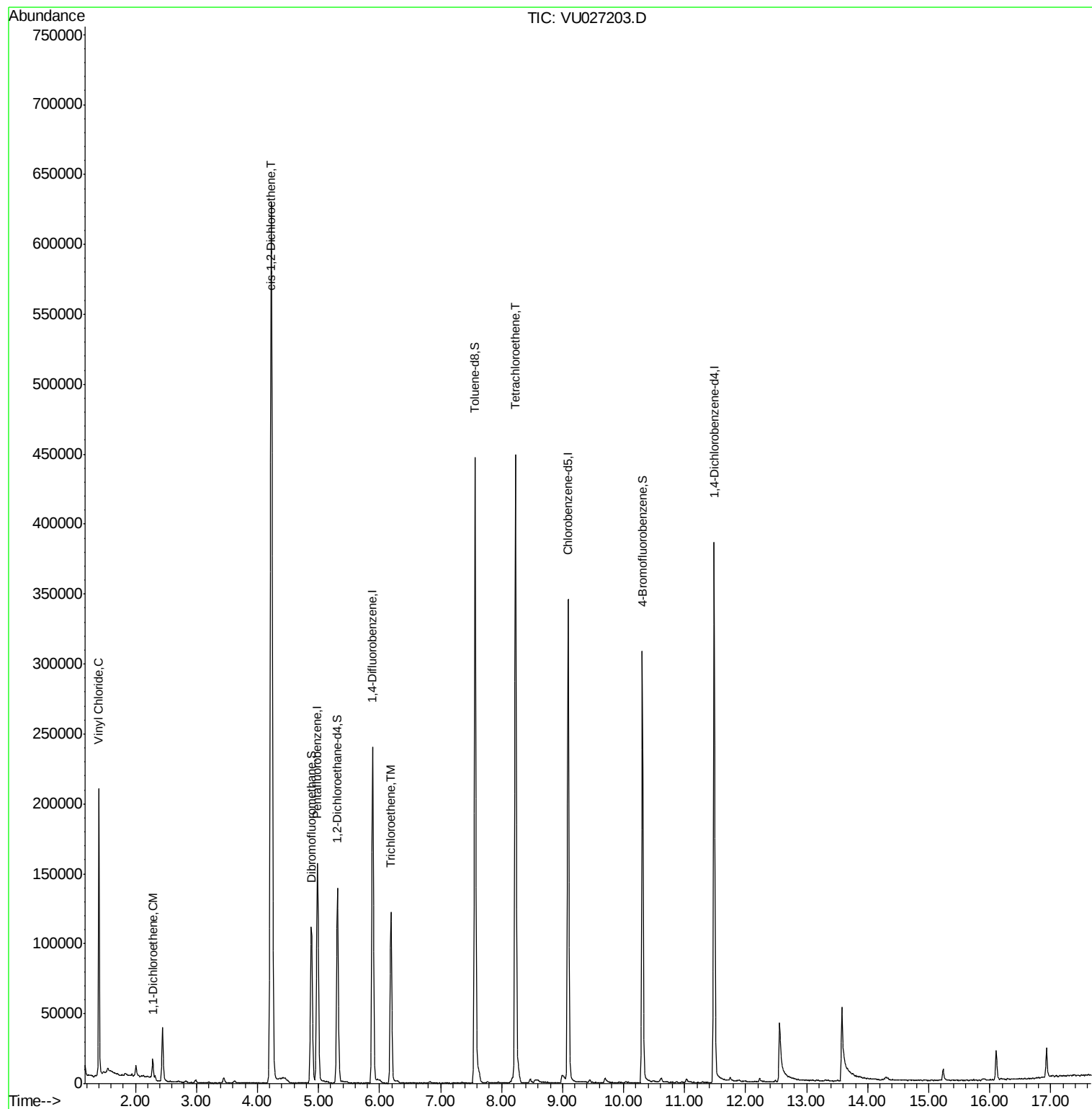
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187835	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107418	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	4.88	113	76869	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	7.57	98	295534	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	10.31	95	100402	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	128757	54.473	ug/l	100
12) 1,1-Dichloroethene	2.29	96	4058	2.612	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	328649	175.439	ug/l	89
44) Trichloroethene	6.19	130	40565	25.003	ug/l	97
64) Tetrachloroethene	8.23	164	99975	71.048	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027203.D
Acq On : 27 Sep 2018 01:57
Operator : MD/SY
Sample : J5048-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-80-SEP18

Quant Time: Sep 27 03:42:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 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: VU027203.D

Acq: 27 Sep 2018 01:57

Instrument :

MSVOA_U

ClientSampleId :

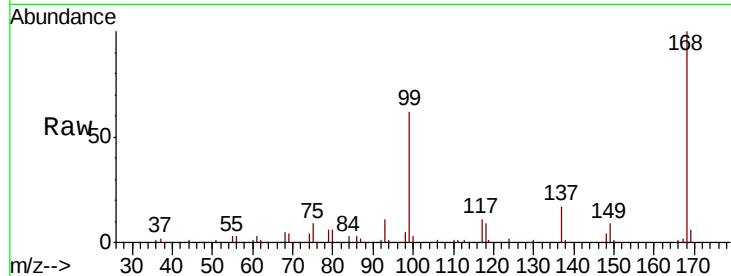
MW-80-SEP18

Tot Ion:168 Resp: 112489

Ion Ratio Lower Upper

168 100

99 61.2 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

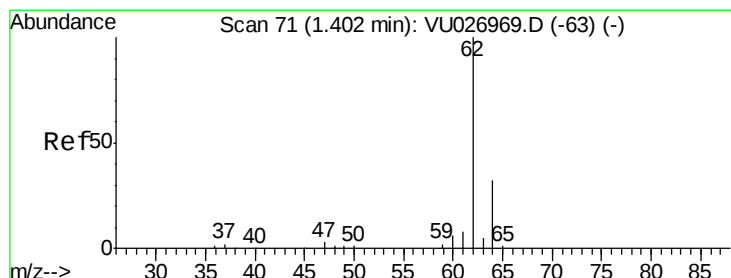
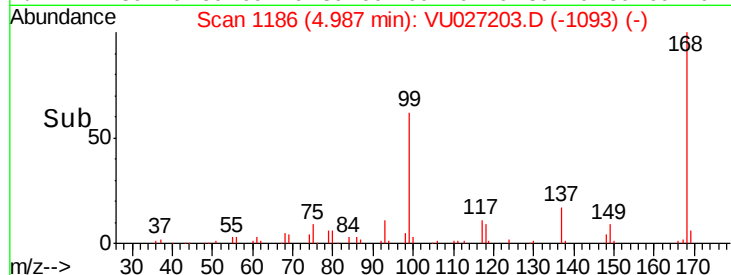
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#4

Vinyl Chloride

Concen: 54.473 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027203.D

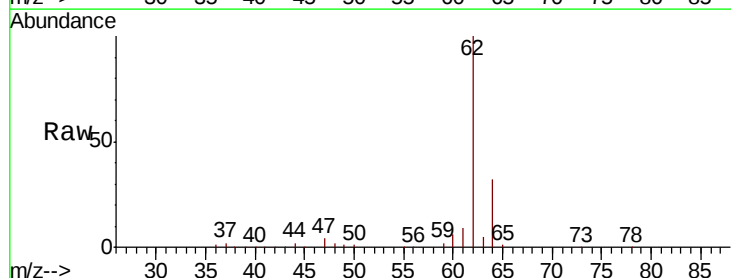
Acq: 27 Sep 2018 01:57

Tgt Ion: 62 Resp: 128757

Ion Ratio Lower Upper

62 100

64 31.6 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

150000

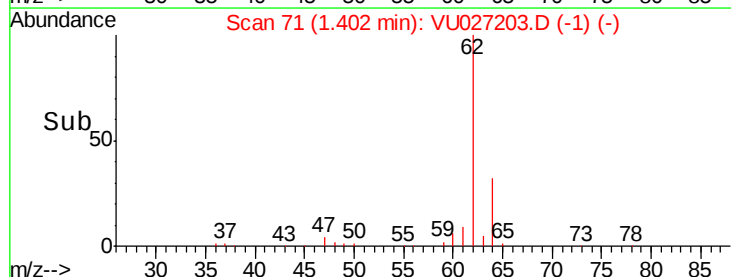
100000

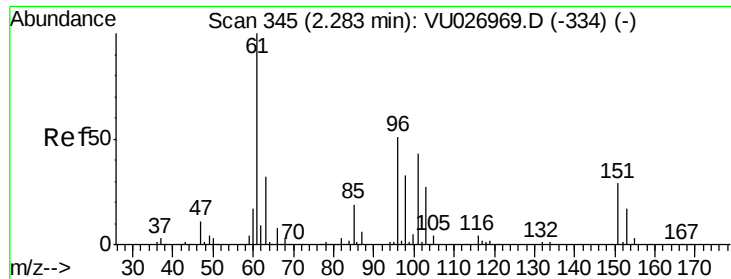
50000

0

1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 2.612 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

Instrument :
MSVOA_U
ClientSampleId :
MW-80-SEP18

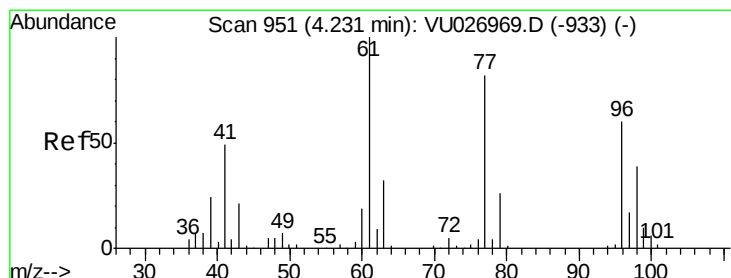
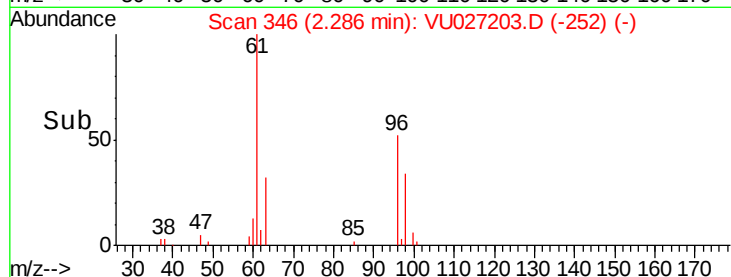
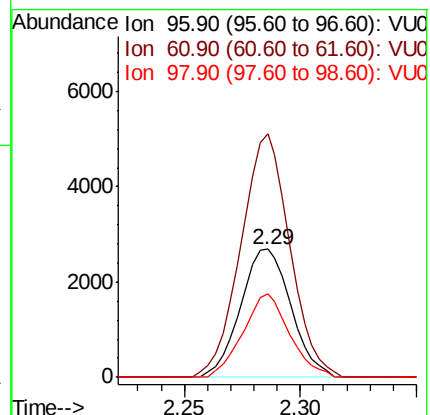
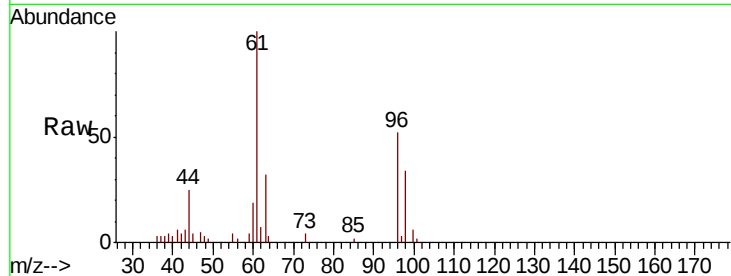
Tot Ion: 96 Resp: 4058

Ion Ratio Lower Upper

96 100

61 190.5 156.1 234.1

98 65.7 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 175.439 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

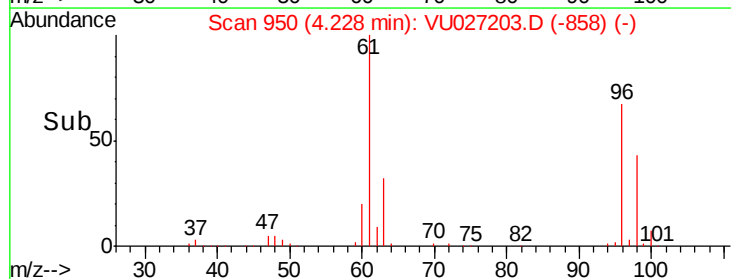
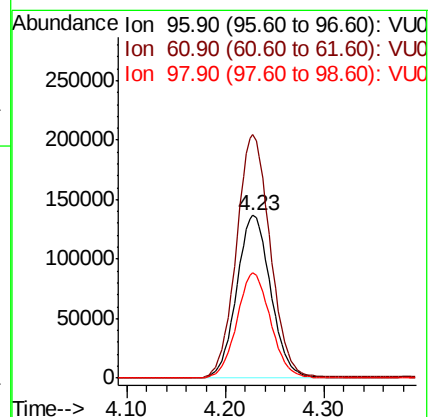
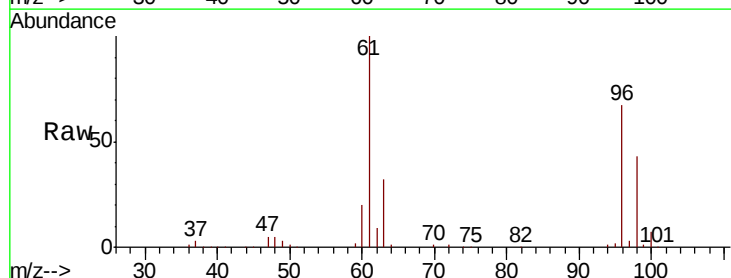
Tgt Ion: 96 Resp: 328649

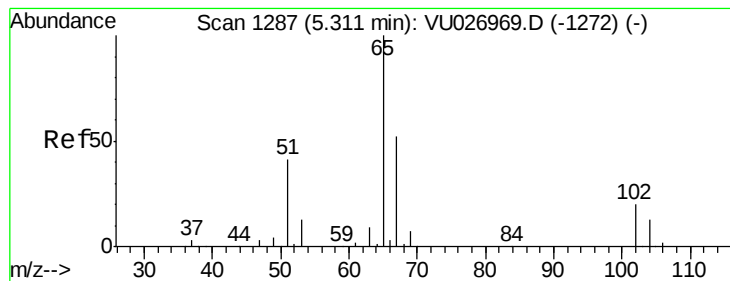
Ion Ratio Lower Upper

96 100

61 149.1 0.0 337.2

98 64.2 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 47.446 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

Instrument :

MSVOA_U

ClientSampleId :

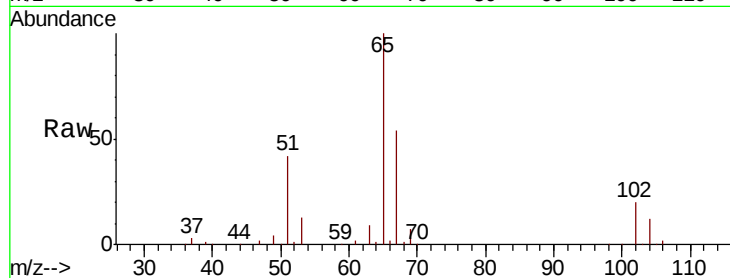
MW-80-SEP18

Tot Ion: 65 Resp: 107418

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

5.31

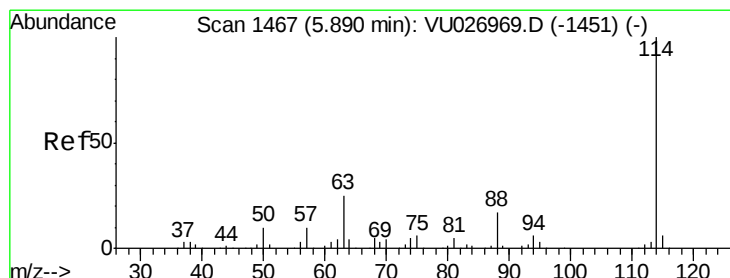
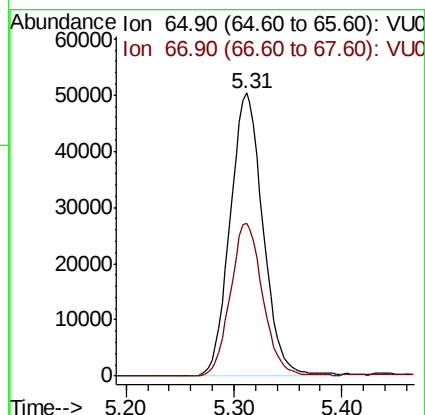
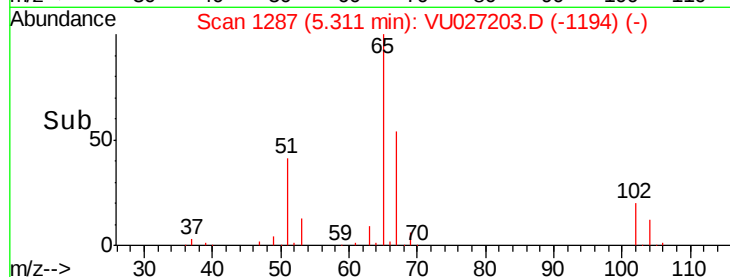
5.31

5.31

5.31

5.31

5.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

Tgt Ion: 114 Resp: 187835

Ion Ratio Lower Upper

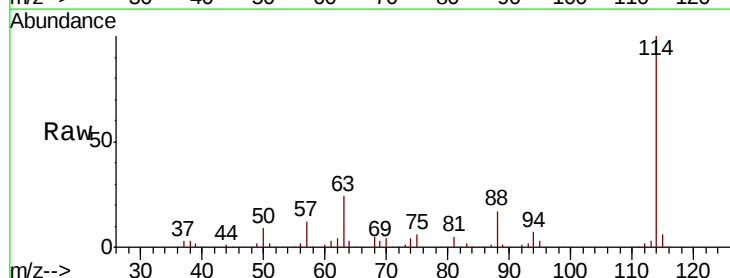
114 100

63 24.1

88 17.3

0.0 49.2

0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU026969.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU026969.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU026969.D (-1451) (-)

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

5.89

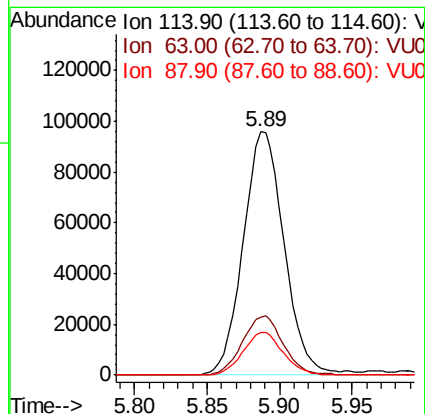
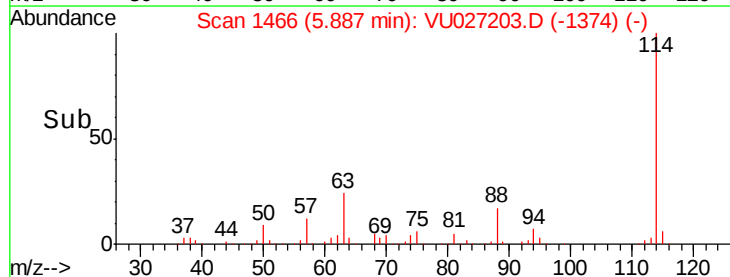
5.89

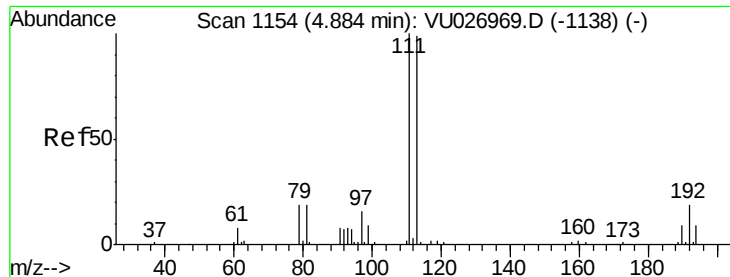
5.89

5.89

5.89

5.89

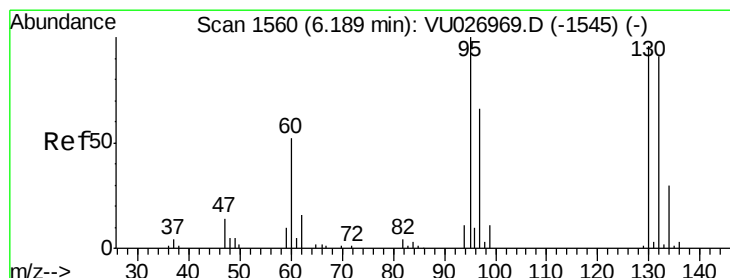
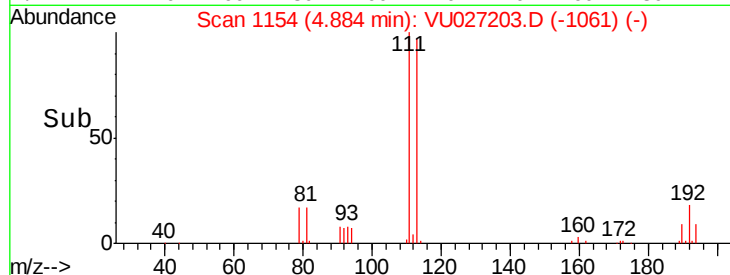
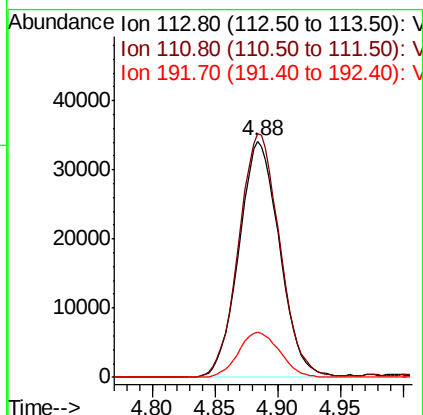
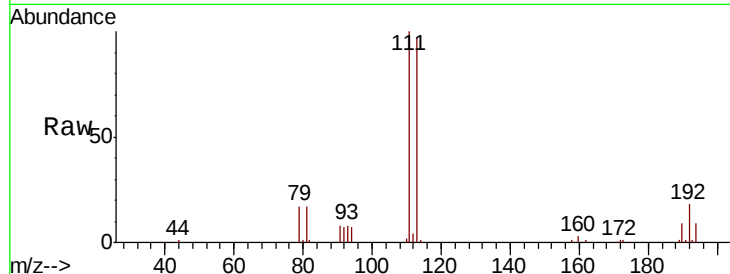




#35
 Dibromofluoromethane
 Concen: 47.212 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027203.D
 Acq: 27 Sep 2018 01:57

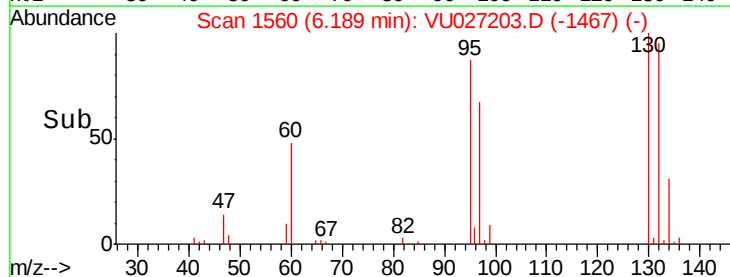
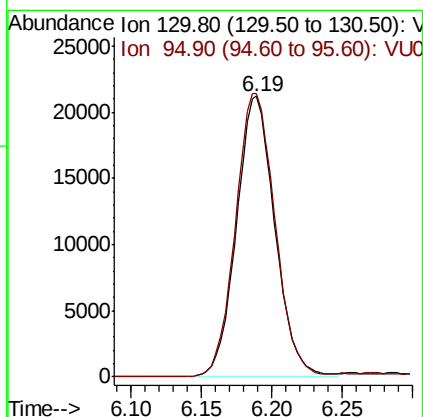
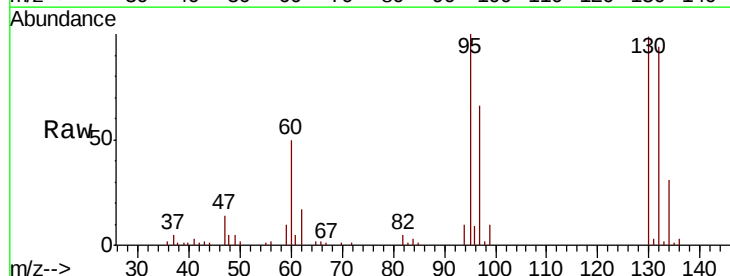
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-80-SEP18

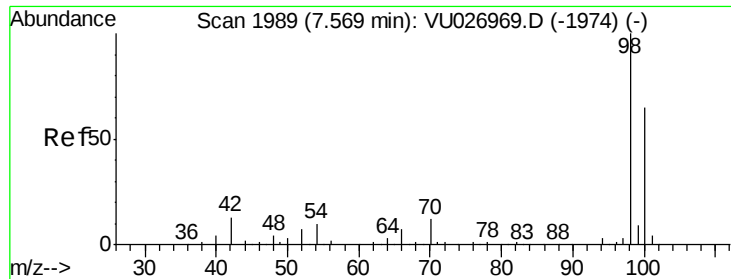
Tot Ion:113 Resp: 76869
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 19.4 15.2 22.8



#44
 Trichloroethene
 Concen: 25.003 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027203.D
 Acq: 27 Sep 2018 01:57

Tgt Ion:130 Resp: 40565
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 208.8





#50

Toluene-d8

Concen: 47.629 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

Instrument :

MSVOA_U

ClientSampleId :

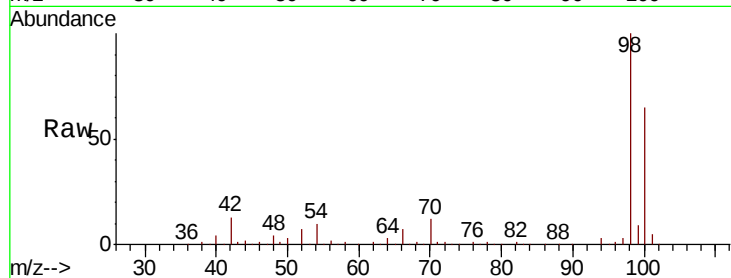
MW-80-SEP18

Tot Ion: 98 Resp: 295534

Ion Ratio Lower Upper

98 100

100 64.9 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

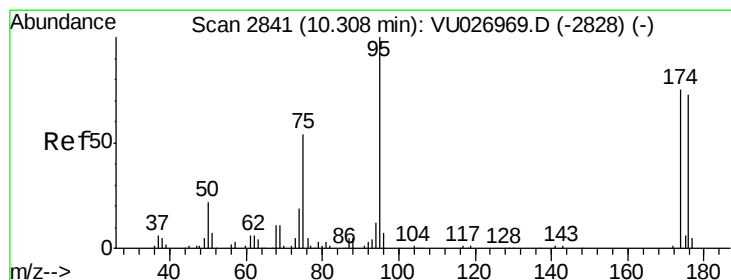
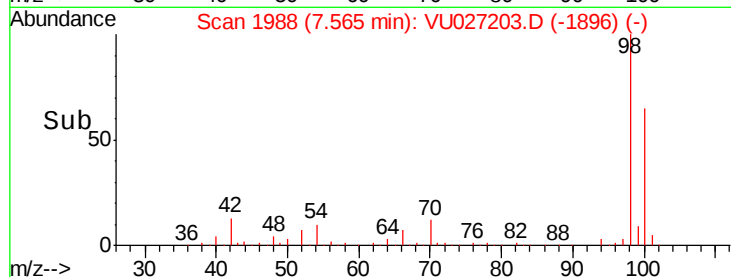
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.157 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027203.D

Acq: 27 Sep 2018 01:57

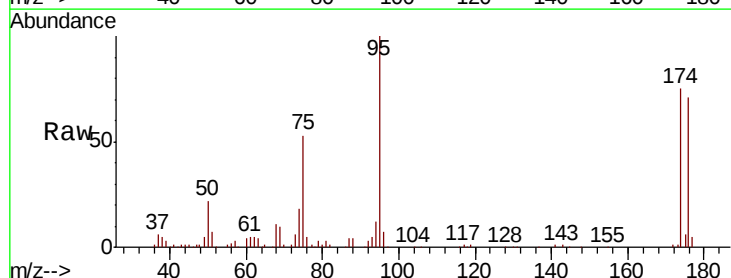
Tgt Ion: 95 Resp: 100402

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

176 71.8 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

80000

60000

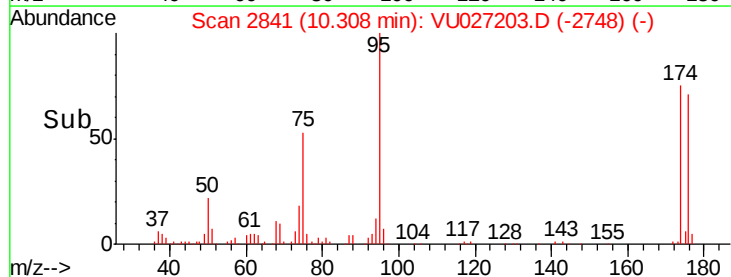
40000

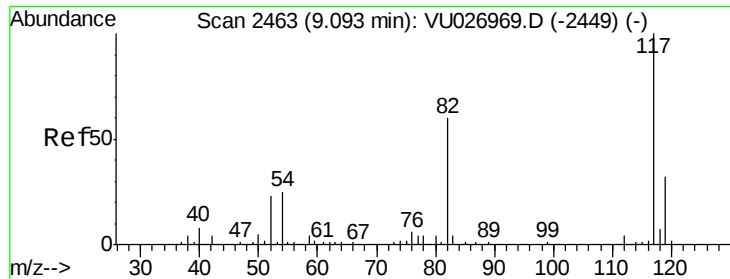
20000

0

10.30 10.40

Time-->

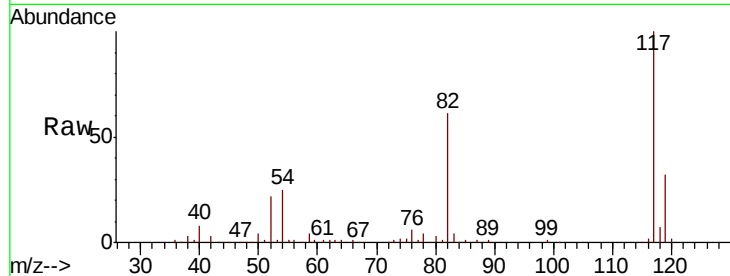




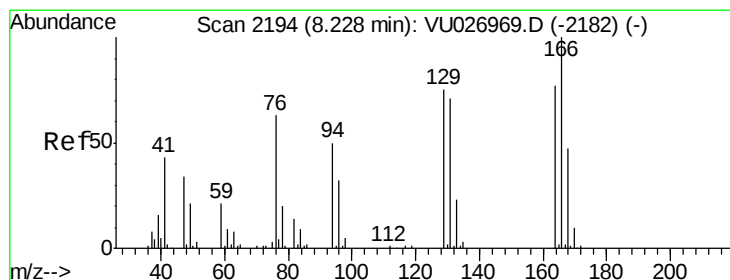
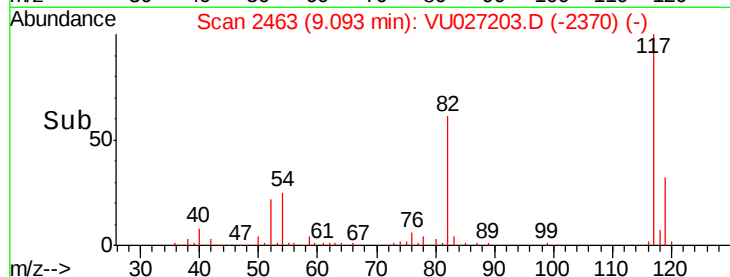
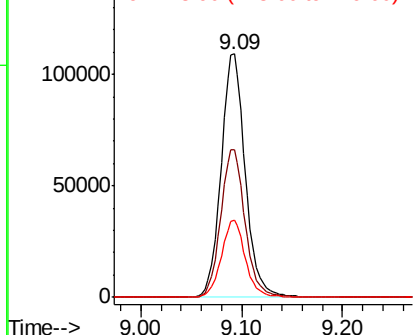
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027203.D
Acq: 27 Sep 2018 01:57

Instrument :
MSVOA_U
ClientSampleId :
MW-80-SEP18

Tot Ion:117 Resp: 182610
Ion Ratio Lower Upper
117 100
82 60.5 48.0 72.0
119 31.8 25.8 38.8



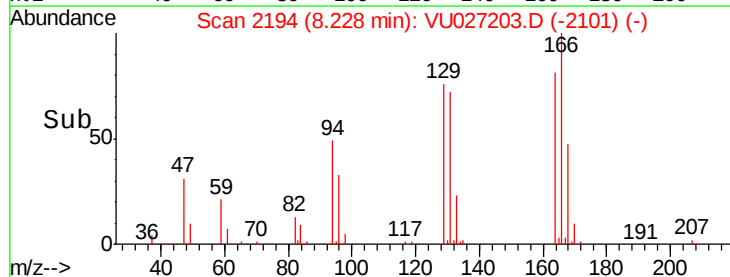
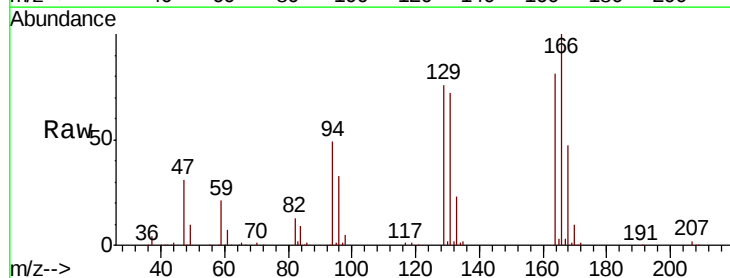
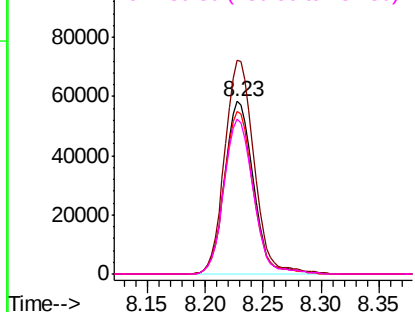
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

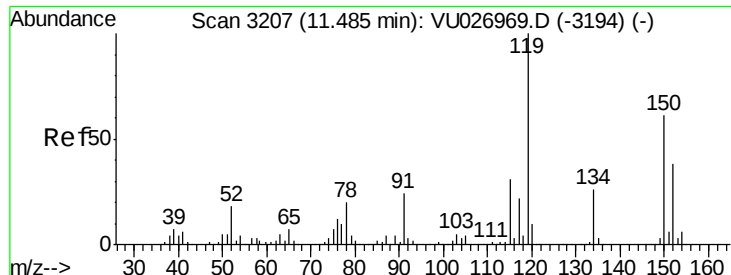


#64
Tetrachloroethene
Concen: 71.048 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027203.D
Acq: 27 Sep 2018 01:57

Tgt Ion:164 Resp: 99975
Ion Ratio Lower Upper
164 100
166 123.7 104.4 156.6
129 94.2 78.7 118.1
131 89.4 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU027203.D
 Acq: 27 Sep 2018 01:57

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-80-SEP18

Tot Ion:152 Resp: 89936
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.9 134.5
 150 156.9 0.0 355.8

