

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027208.D
 Acq On : 27 Sep 2018 03:54
 Operator : MD/SY
 Sample : J5048-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

Quant Time: Sep 27 04:40:54 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

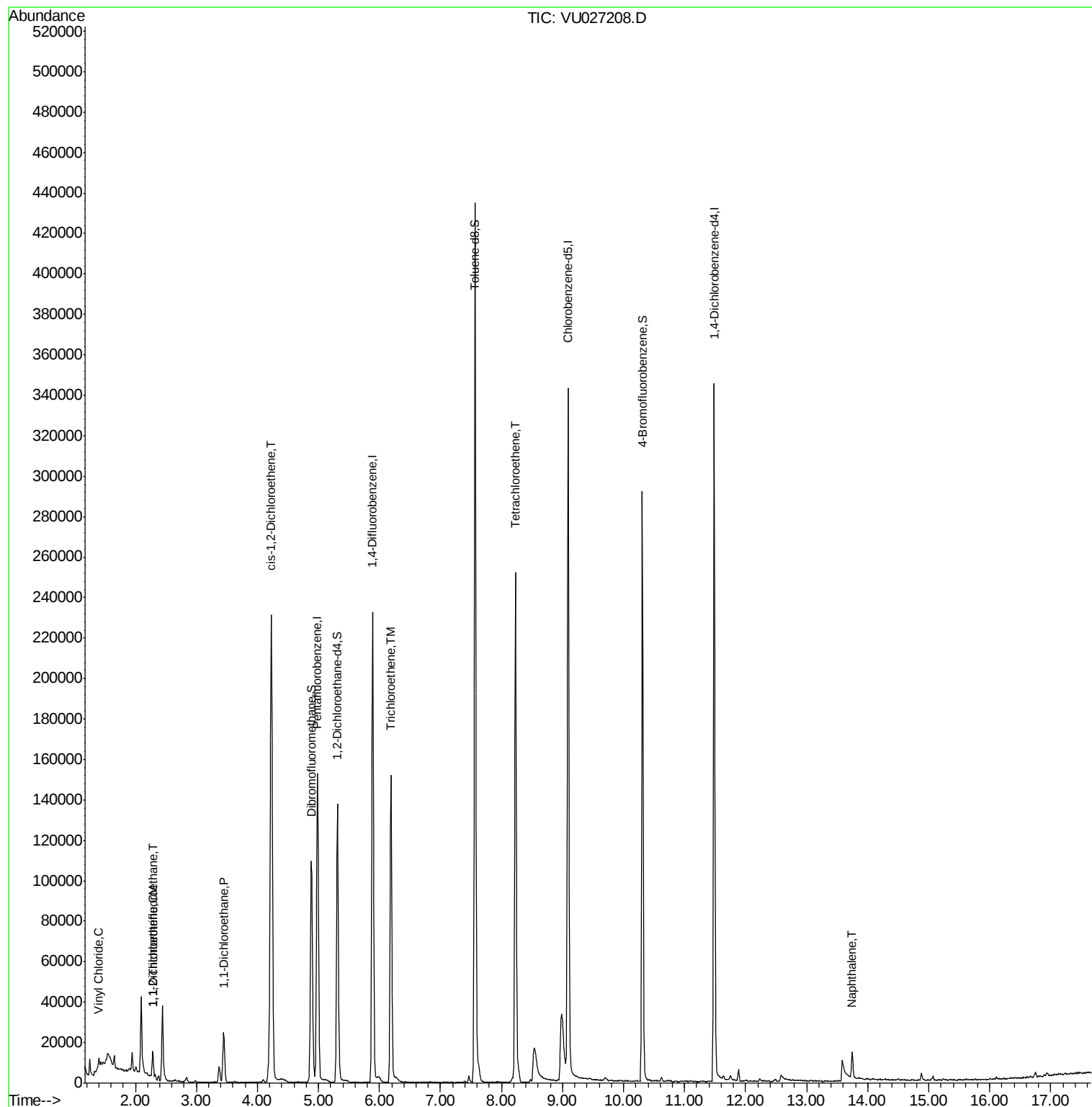
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	108807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	104856	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	4.88	113	75288	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	7.57	98	284899	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.31	95	96492	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2147	0.939	ug/l #	80
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1304	0.817	ug/l	92
12) 1,1-Dichloroethene	2.29	96	2932	1.951	ug/l	100
24) 1,1-Dichloroethane	3.45	63	28000	7.798	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	121796	67.217	ug/l	88
44) Trichloroethene	6.19	130	49209	31.551	ug/l	99
64) Tetrachloroethene	8.23	164	55571	40.667	ug/l	97
95) Naphthalene	13.75	128	10278	3.180	ug/l	98

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

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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: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

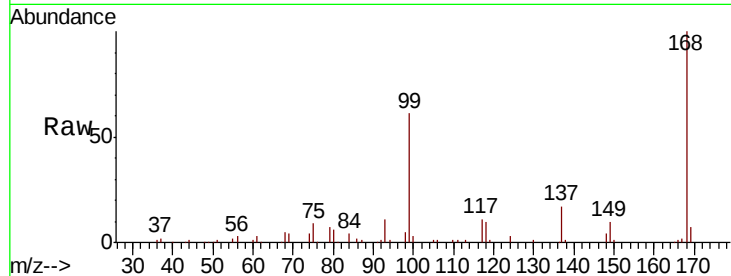
MW-123-SEP18

Tot Ion:168 Resp: 108807

Ion Ratio Lower Upper

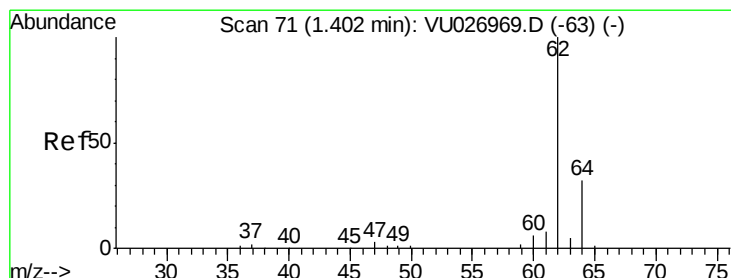
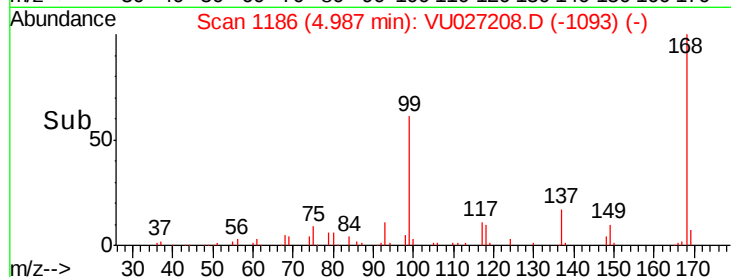
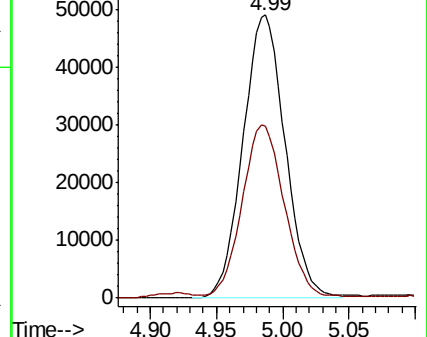
168 100

99 59.8 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

Vinyl Chloride

Concen: 0.939 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027208.D

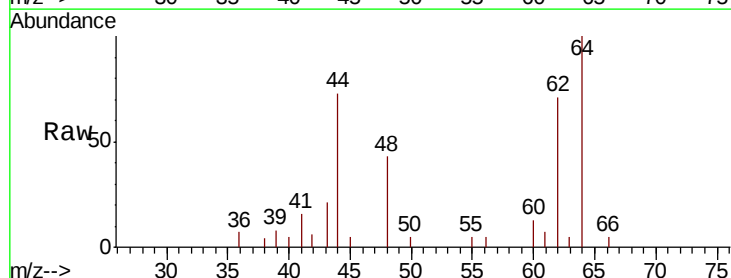
Acq: 27 Sep 2018 03:54

Tgt Ion: 62 Resp: 2147

Ion Ratio Lower Upper

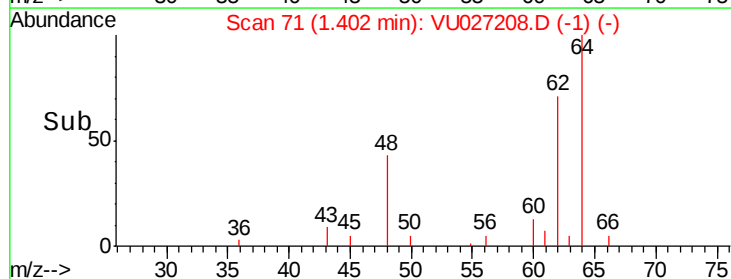
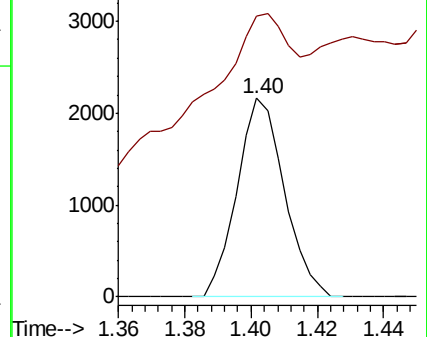
62 100

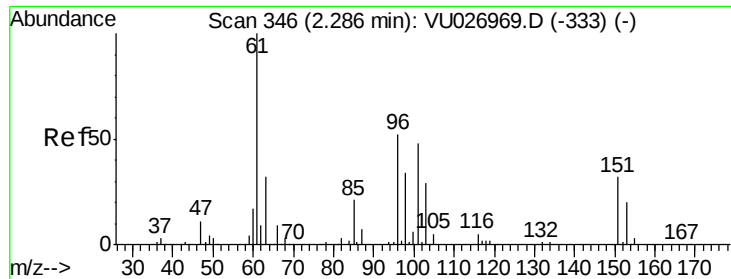
64 43.2 25.5 38.3#



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

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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.817 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

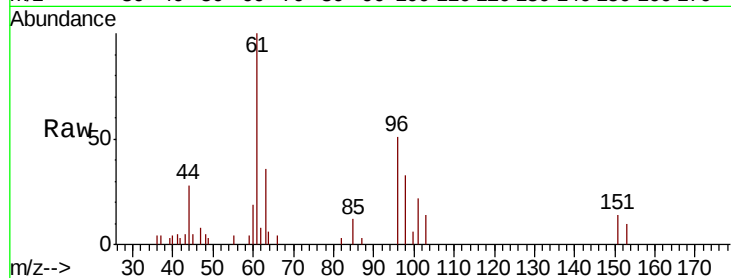
Tot Ion:101 Resp: 1304

Ion Ratio Lower Upper

101 100

85 53.8 36.2 54.2

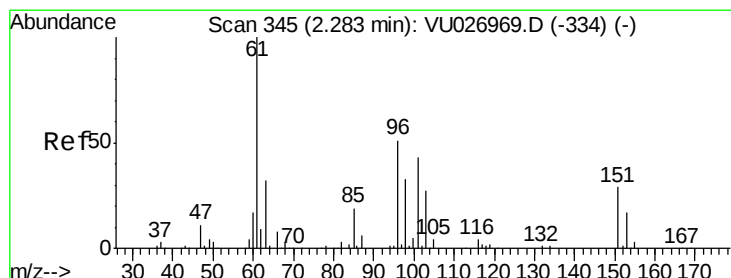
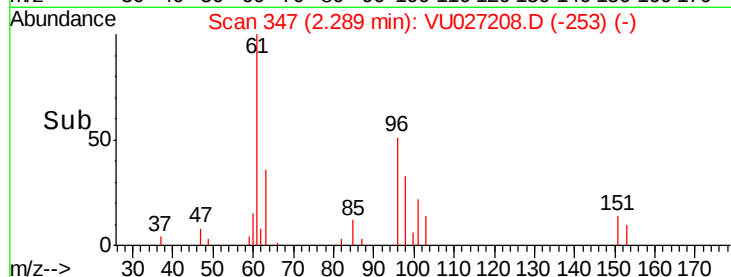
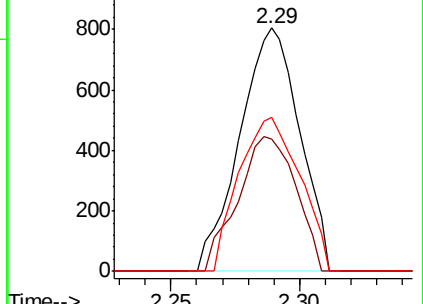
151 64.5 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): VU027208.D (-253) (-)

Ion 84.90 (84.60 to 85.60): VU027208.D (-253) (-)

Ion 150.80 (150.50 to 151.50): VU027208.D (-253) (-)



#12

1,1-Dichloroethene

Concen: 1.951 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

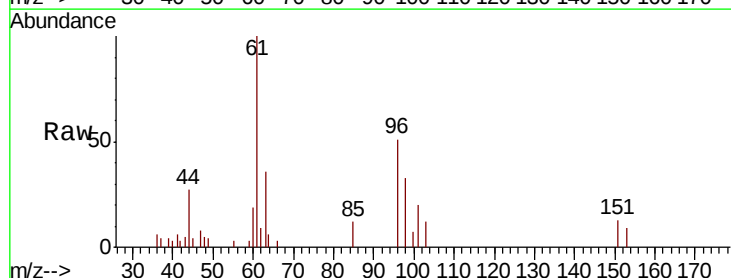
Tgt Ion: 96 Resp: 2932

Ion Ratio Lower Upper

96 100

61 194.9 156.1 234.1

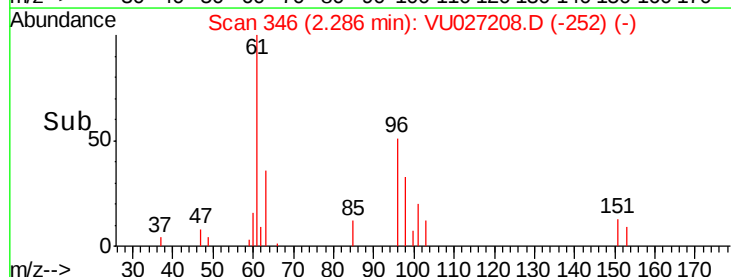
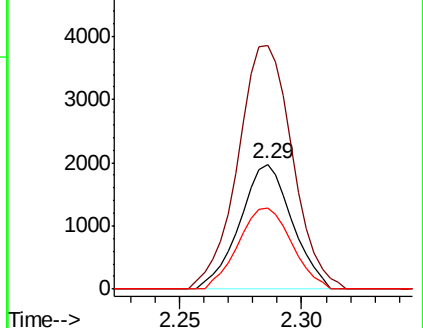
98 65.1 51.4 77.0

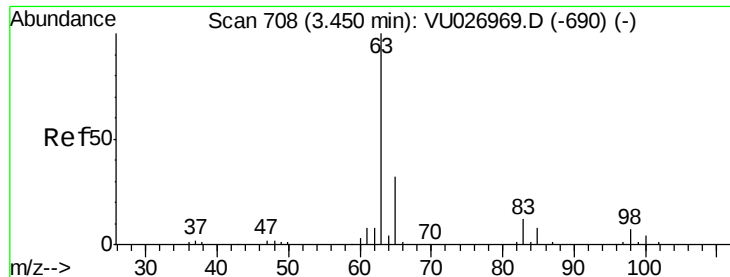


Abundance Ion 95.90 (95.60 to 96.60): VU027208.D (-252) (-)

Ion 60.90 (60.60 to 61.60): VU027208.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU027208.D (-252) (-)





#24

1,1-Dichloroethane

Concen: 7.798 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

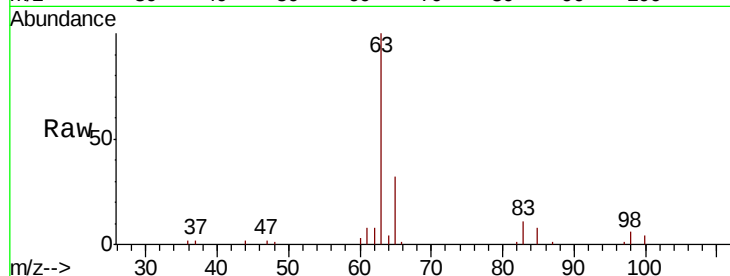
Tot Ion: 63 Resp: 28000

Ion Ratio Lower Upper

63 100

98 5.5 3.3 9.8

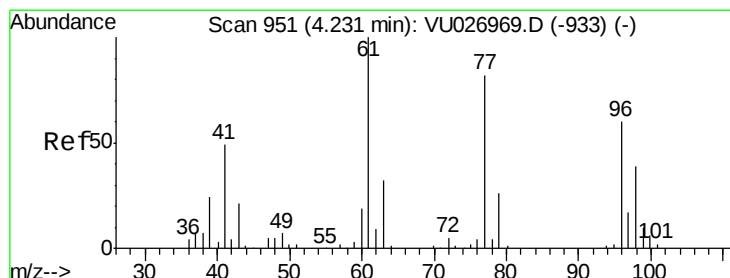
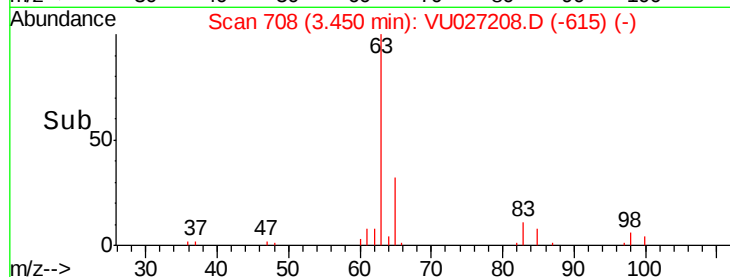
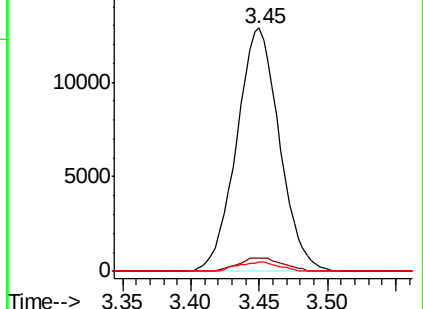
100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027208.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027208.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027208.D (-615) (-)



#27

cis-1,2-Dichloroethene

Concen: 67.217 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

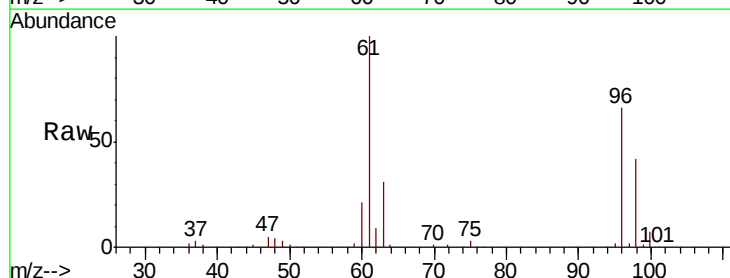
Tgt Ion: 96 Resp: 121796

Ion Ratio Lower Upper

96 100

61 147.0 0.0 337.2

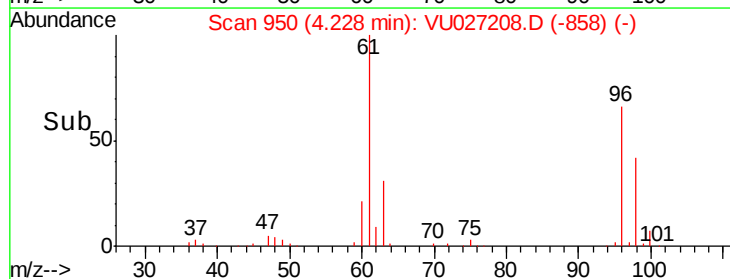
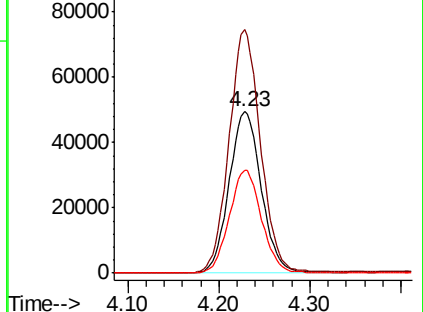
98 63.7 0.0 127.6

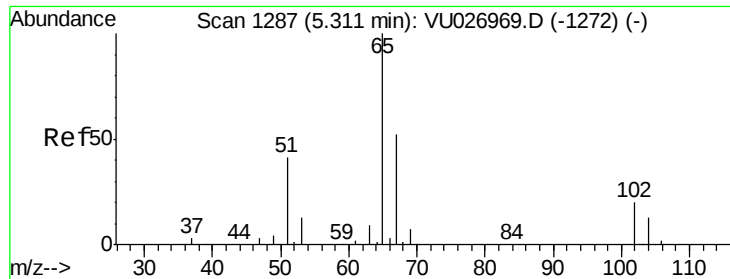


Abundance Ion 95.90 (95.60 to 96.60): VU027208.D (-858) (-)

Ion 60.90 (60.60 to 61.60): VU027208.D (-858) (-)

Ion 97.90 (97.60 to 98.60): VU027208.D (-858) (-)

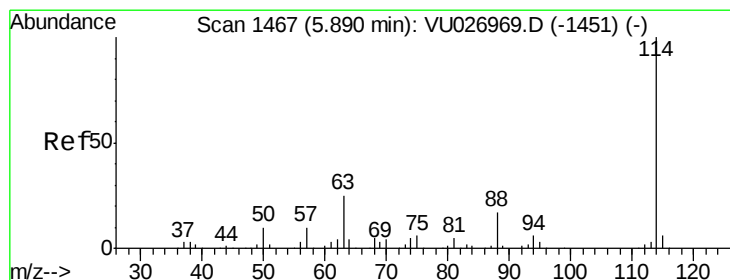
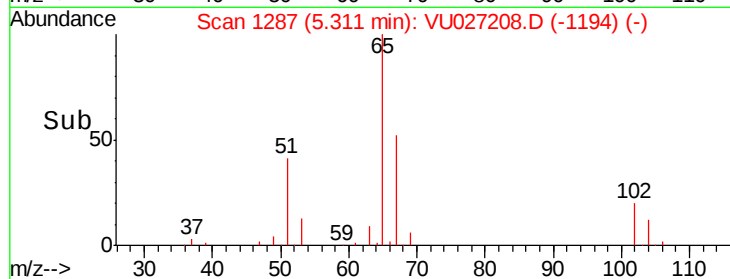
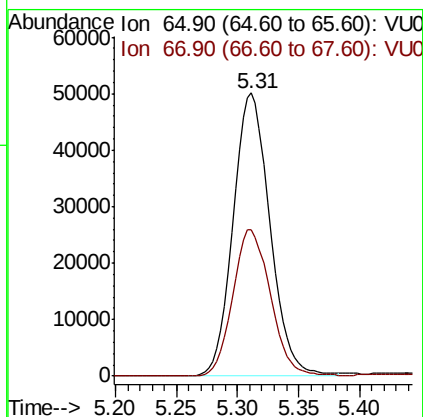
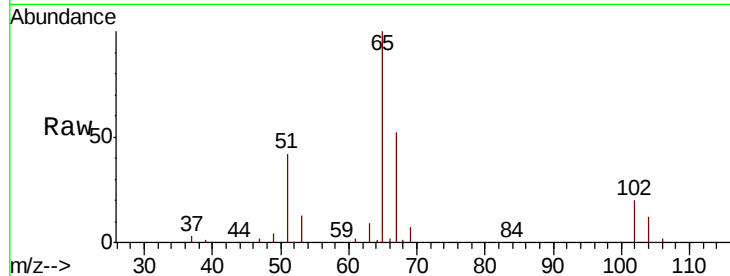




#33
 1,2-Dichloroethane-d4
 Concen: 47.881 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

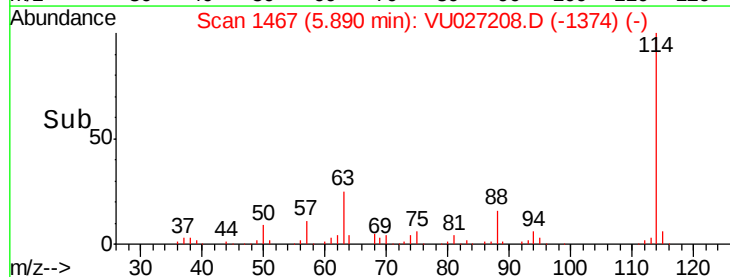
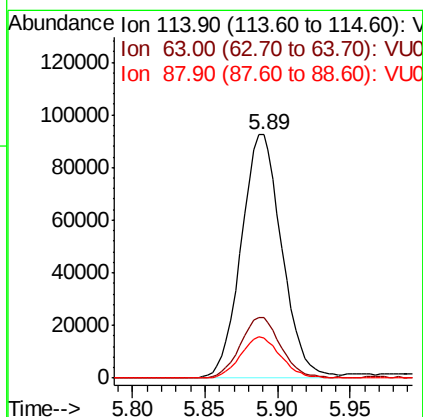
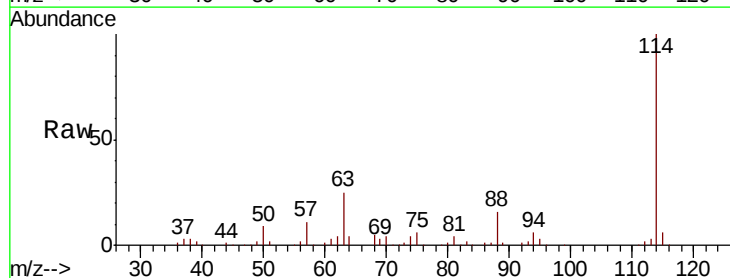
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

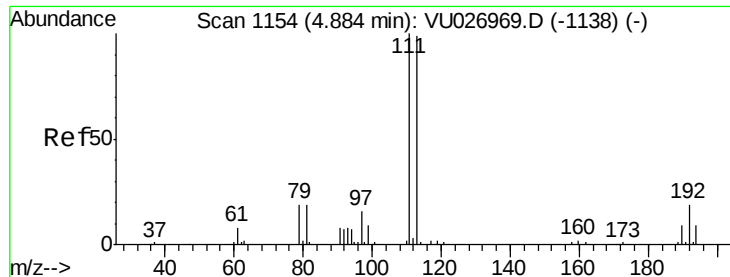
Tot Ion: 65 Resp: 104856
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion: 114 Resp: 180569
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.5 0.0 33.8

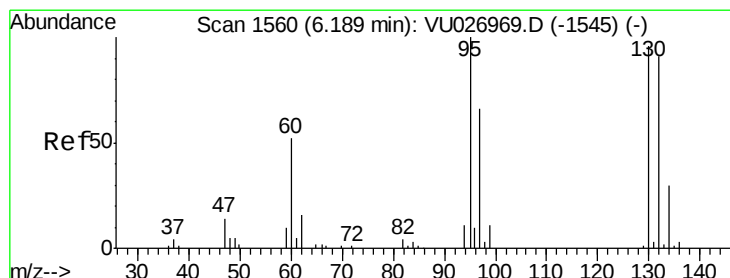
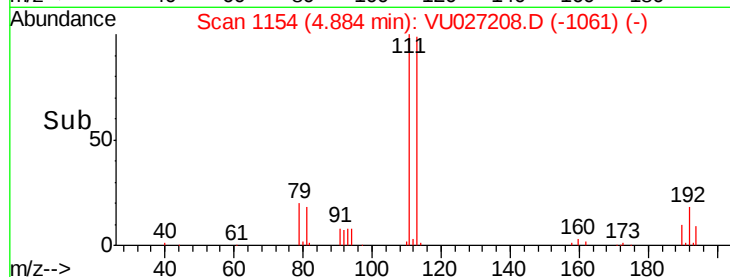
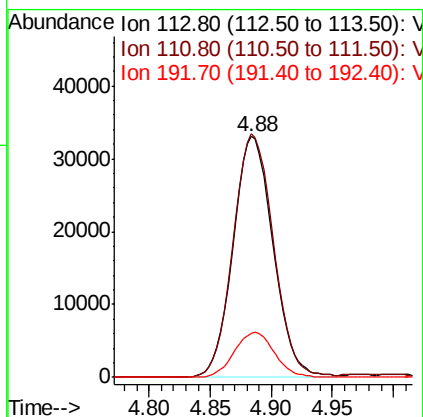
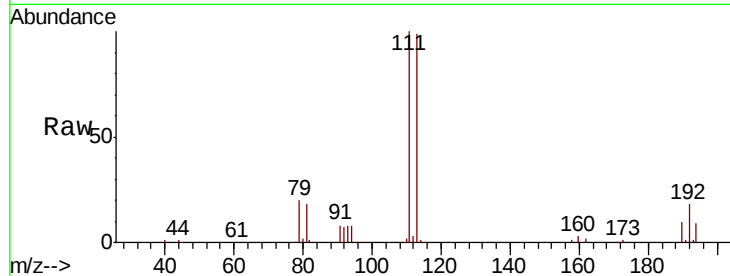




#35
 Dibromofluoromethane
 Concen: 48.102 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

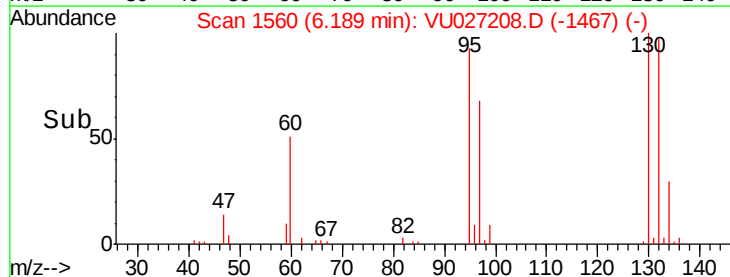
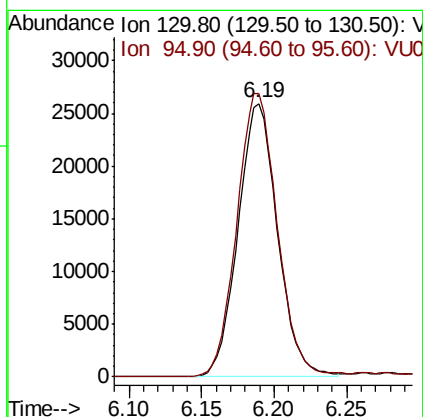
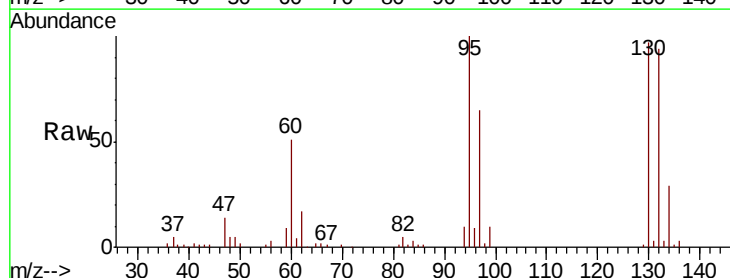
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

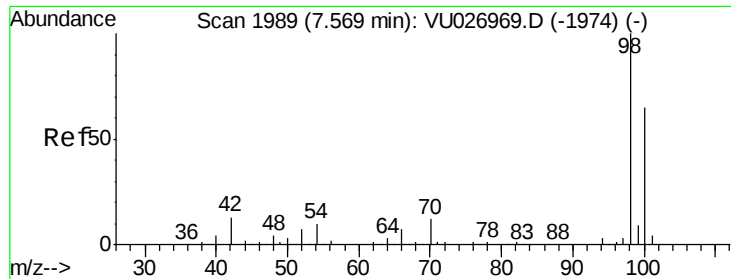
Tot Ion:113 Resp: 75288
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.8 15.2 22.8



#44
 Trichloroethene
 Concen: 31.551 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion:130 Resp: 49209
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 208.8





#50

Toluene-d8

Concen: 47.762 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

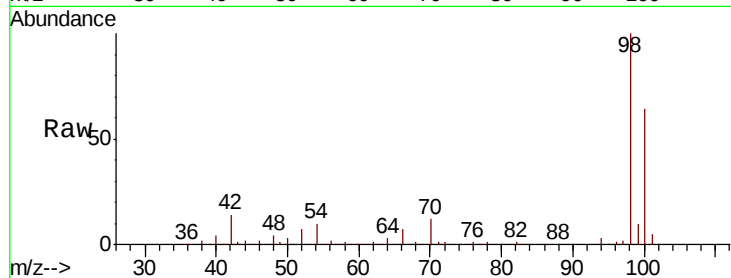
MW-123-SEP18

Tot Ion: 98 Resp: 284899

Ion Ratio Lower Upper

98 100

100 64.6 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

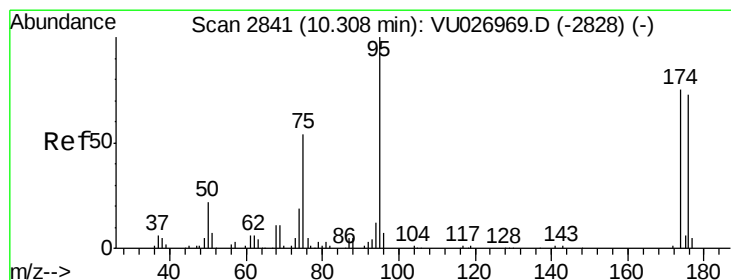
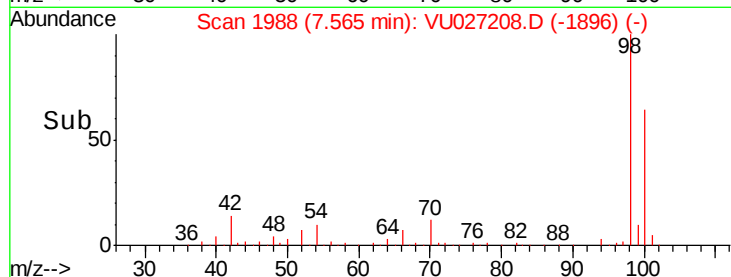
0

Time-->

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 47.144 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

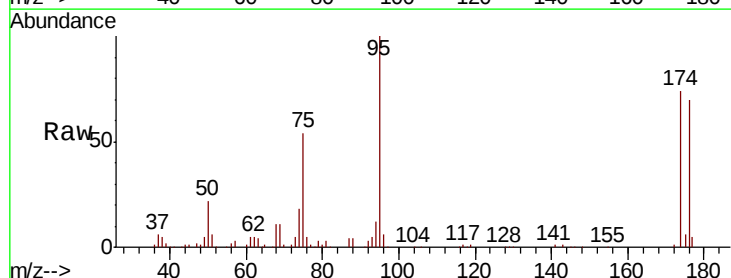
Tgt Ion: 95 Resp: 96492

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 70.7 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) (-)

80000

60000

40000

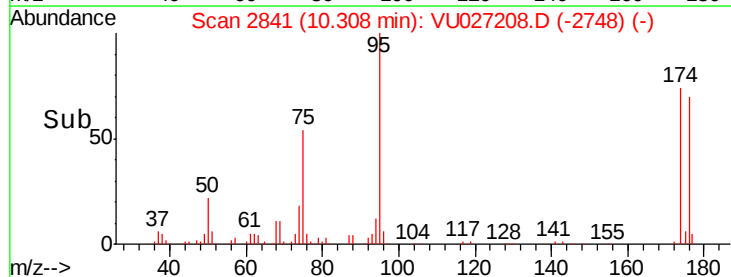
20000

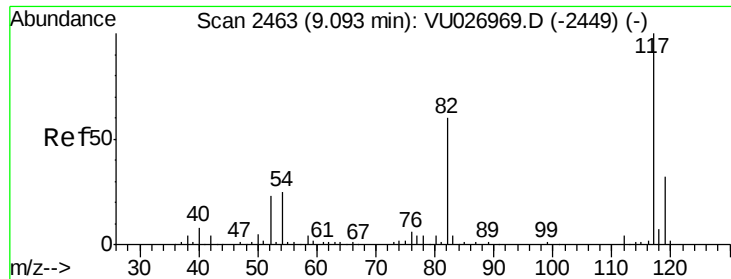
0

Time-->

10.30

10.40

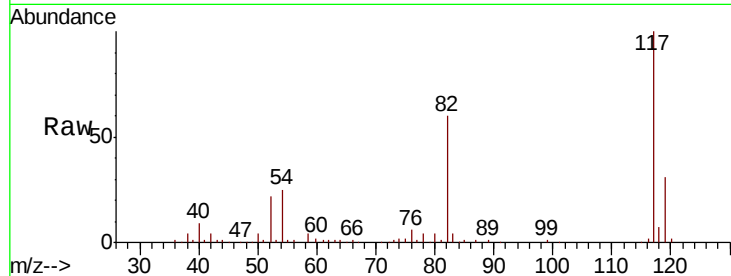




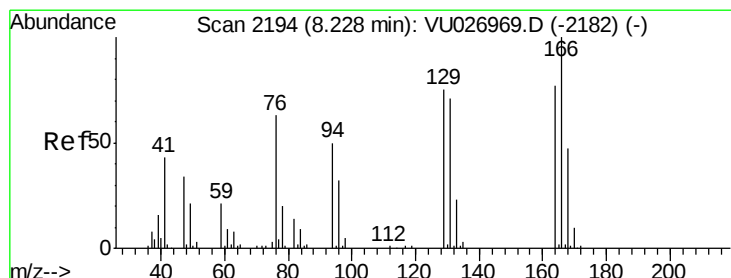
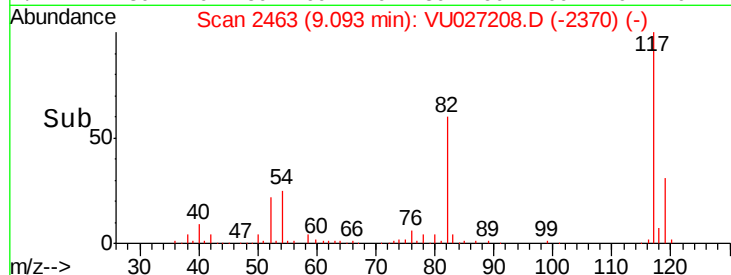
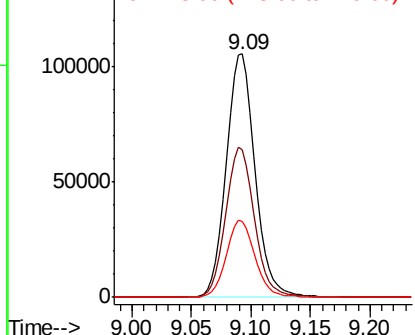
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

Tot Ion:117 Resp: 177334
Ion Ratio Lower Upper
117 100
82 60.4 48.0 72.0
119 31.4 25.8 38.8



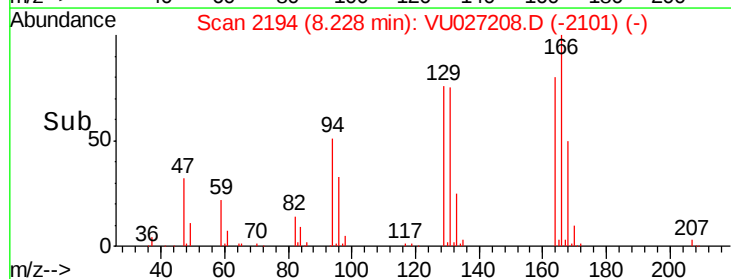
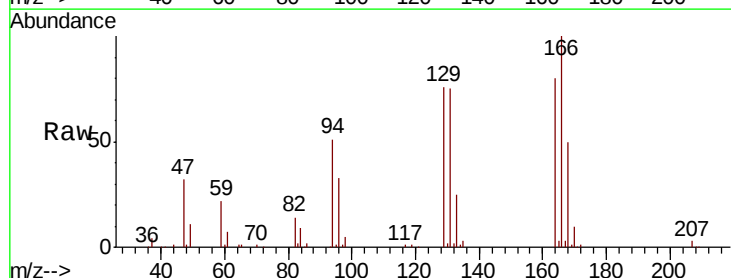
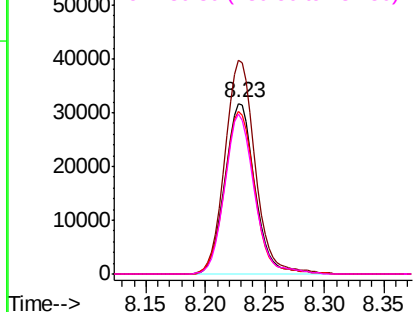
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027208.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

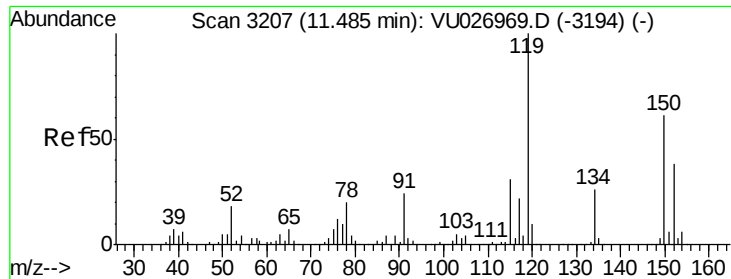


#64
Tetrachloroethene
Concen: 40.667 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion:164 Resp: 55571
Ion Ratio Lower Upper
164 100
166 125.0 104.4 156.6
129 95.3 78.7 118.1
131 94.0 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



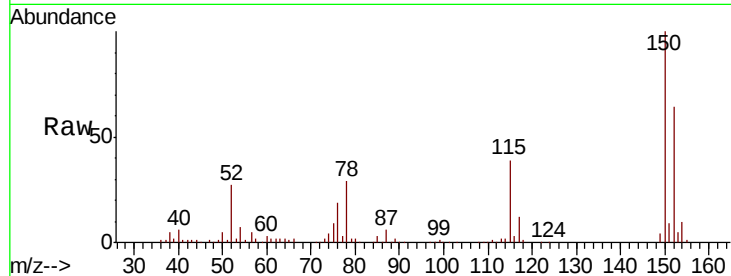


#72

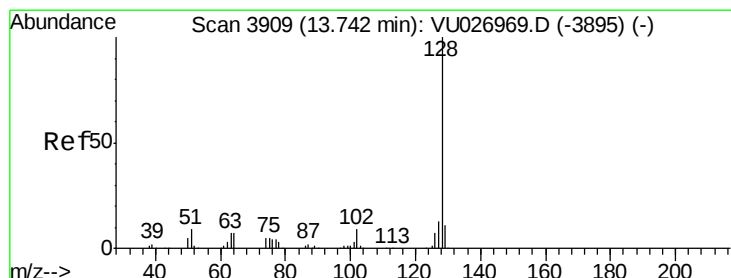
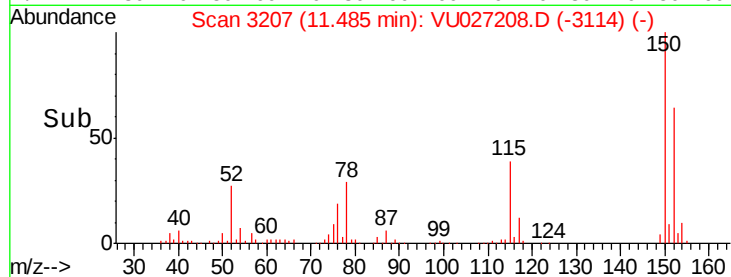
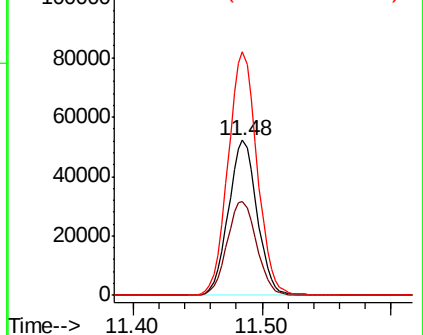
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

Tot Ion:152 Resp: 80433
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 159.1 0.0 355.8



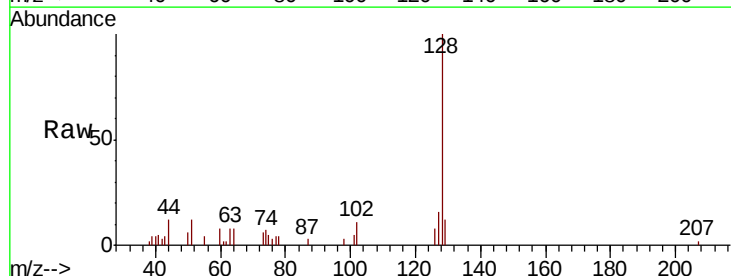
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.180 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion:128 Resp: 10278
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 10.5 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

