

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028703.D
 Acq On : 14 Dec 2018 23:17
 Operator : MD/SY
 Sample : J6395-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1B_R1

Quant Time: Dec 15 02:43:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

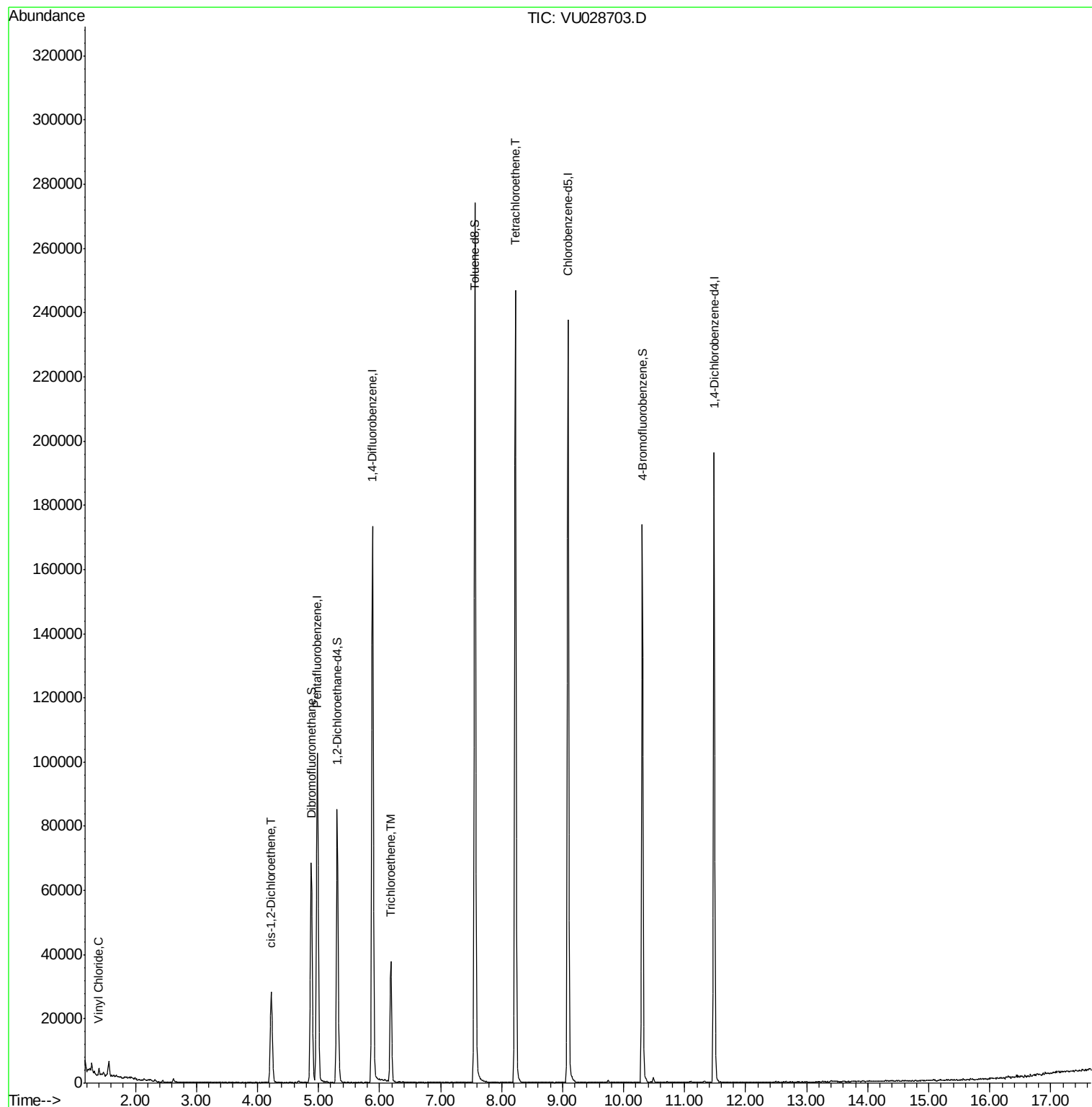
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	124516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	47676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65085	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
35) Dibromofluoromethane	4.88	113	47443	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	7.57	98	177884	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	10.31	95	57955	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1417	1.057	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	15233	14.236	ug/l	89
44) Trichloroethene	6.19	130	11855	12.075	ug/l	96
64) Tetrachloroethene	8.22	164	54185	65.240	ug/l	98

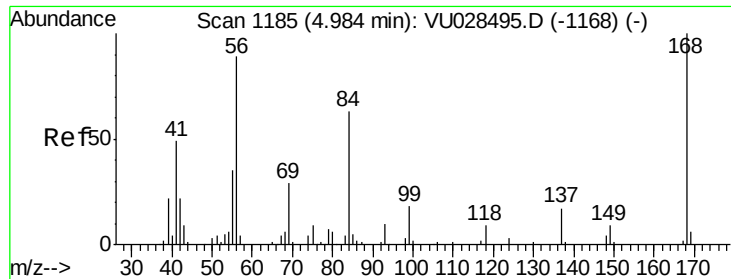
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

Instrument :

MSVOA_U

ClientSampleId :

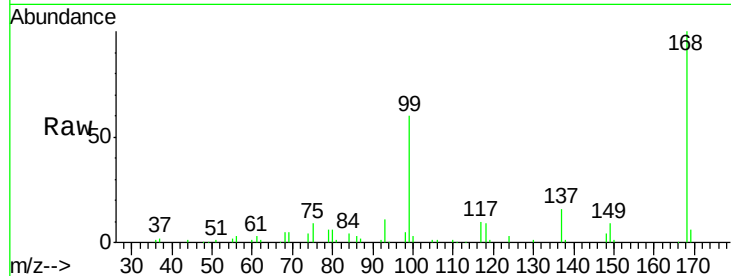
MW-1B_R1

Tgt Ion:168 Resp: 75414

Ion Ratio Lower Upper

168 100

99 60.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

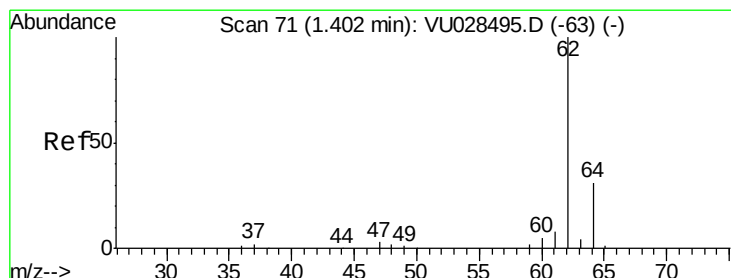
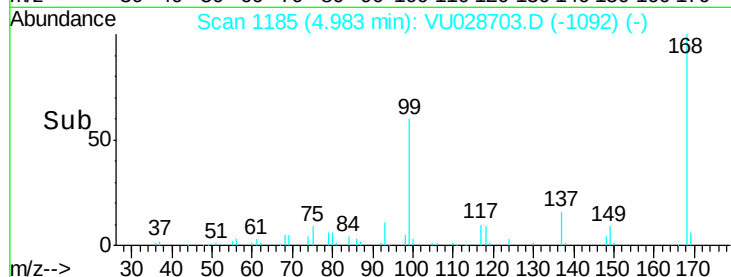
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 1.057 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028703.D

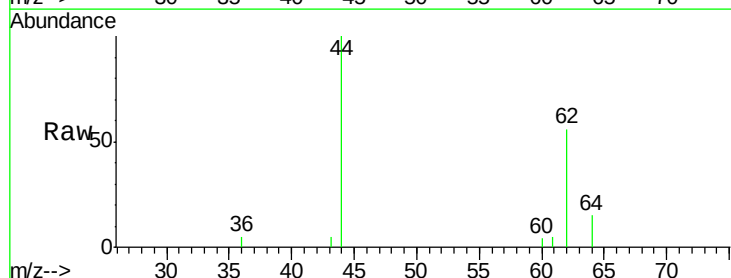
Acq: 14 Dec 2018 23:17

Tgt Ion: 62 Resp: 1417

Ion Ratio Lower Upper

62 100

64 27.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VU028495.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU028495.D (-63) (-)

1.40

1500

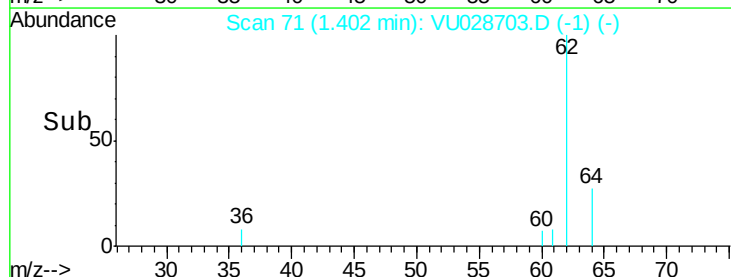
1000

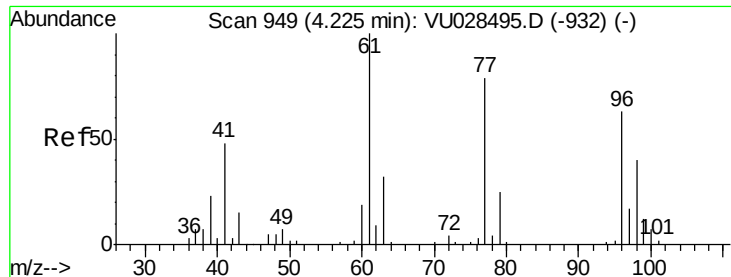
500

0

1.38 1.40 1.42

Time-->



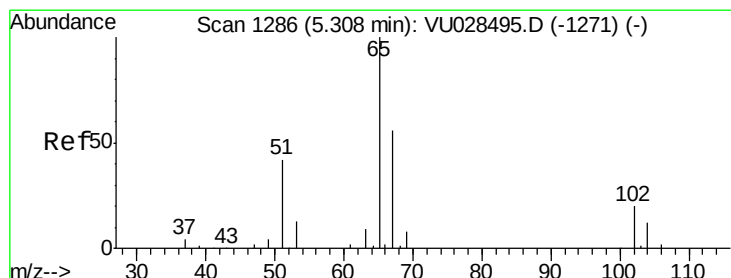
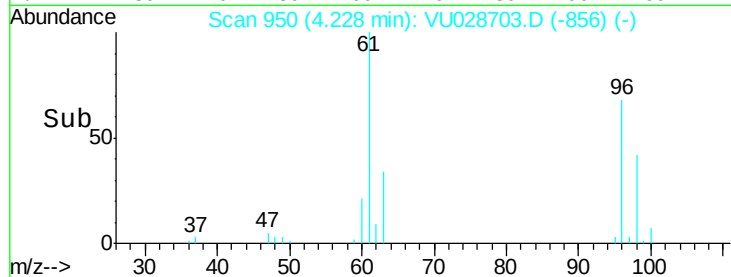
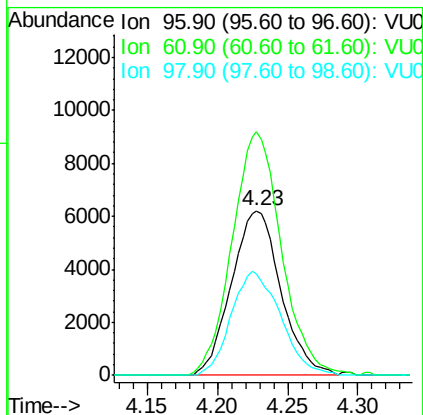
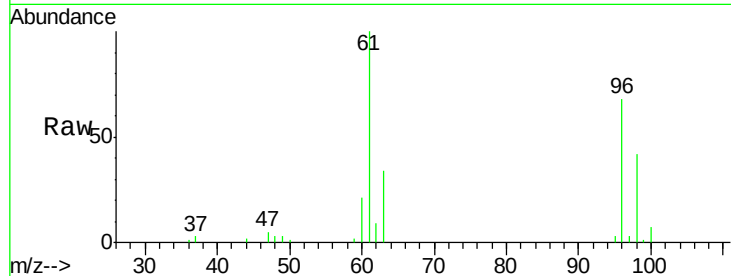


#27

cis-1,2-Dichloroethene
 Concen: 14.236 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028703.D
 Acq: 14 Dec 2018 23:17

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1B_R1

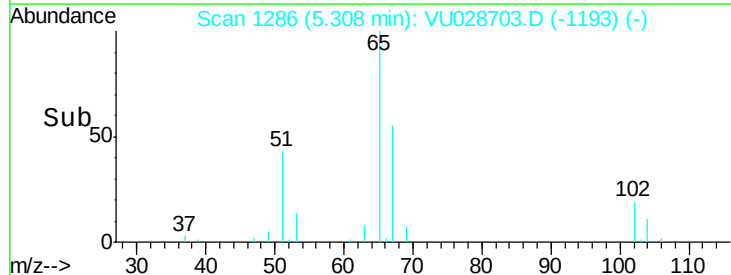
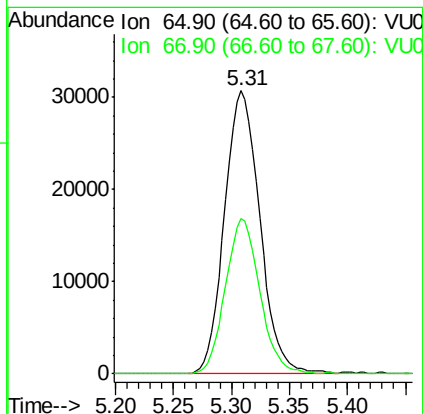
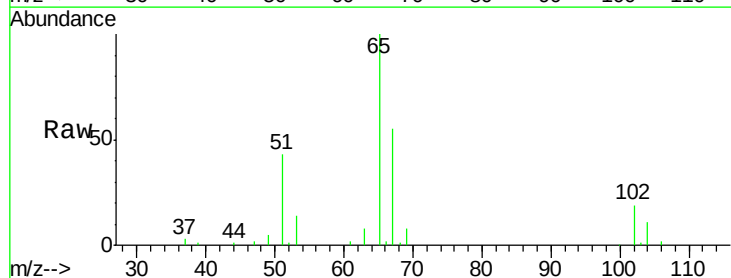
Tgt Ion: 96 Resp: 15233
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 332.4
 98 63.1 0.0 129.0

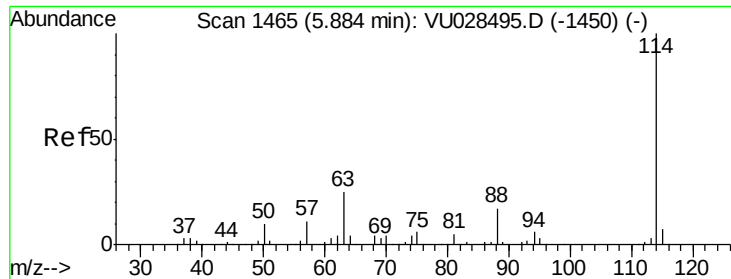


#33

1,2-Dichloroethane-d4
 Concen: 56.553 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028703.D
 Acq: 14 Dec 2018 23:17

Tgt Ion: 65 Resp: 65085
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6

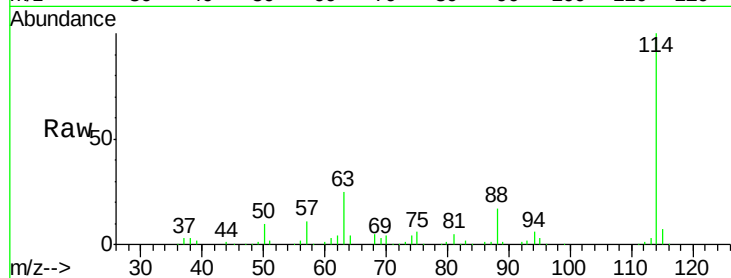




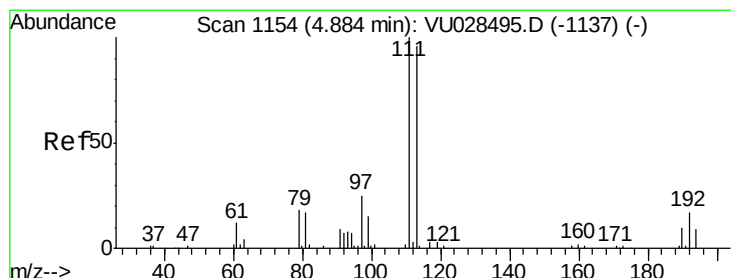
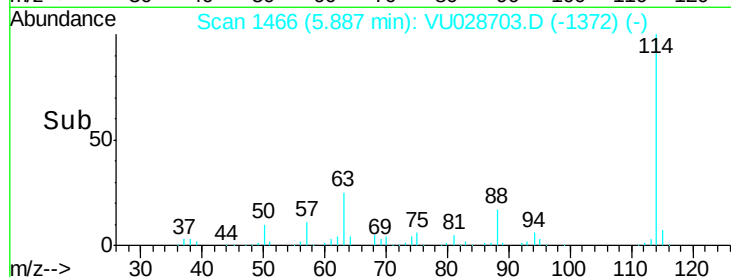
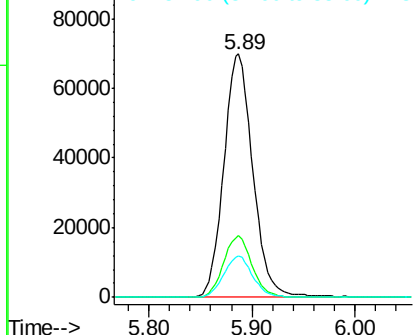
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028703.D
 Acq: 14 Dec 2018 23:17

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1B_R1

Tgt Ion:114 Resp: 137001
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.0 0.0 33.4

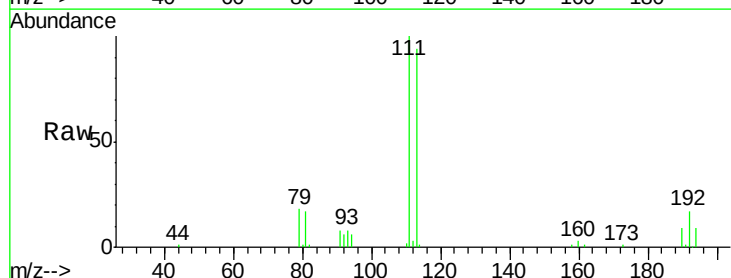


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

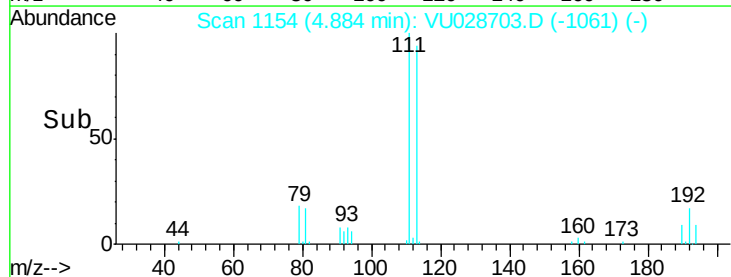
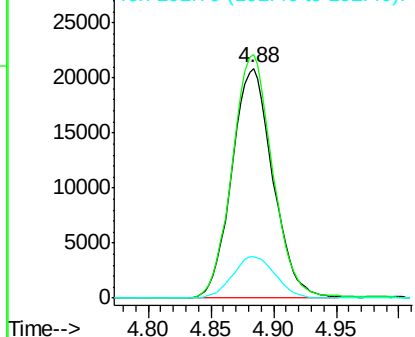


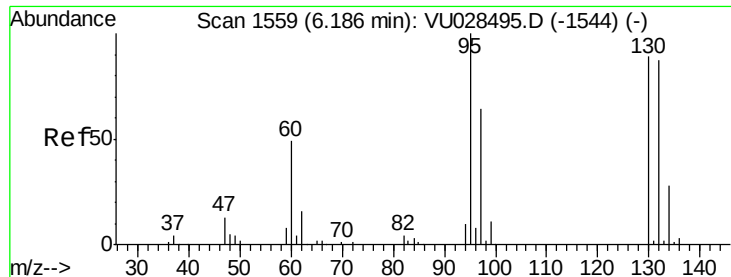
#35
 Dibromofluoromethane
 Concen: 55.028 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028703.D
 Acq: 14 Dec 2018 23:17

Tgt Ion:113 Resp: 47443
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.0
 192 18.8 14.8 22.2



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





#44

Trichloroethene

Concen: 12.075 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

Instrument :

MSVOA_U

ClientSampleId :

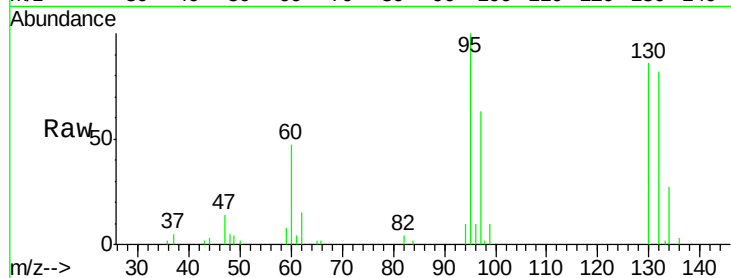
MW-1B_R1

Tgt Ion:130 Resp: 11855

Ion Ratio Lower Upper

130 100

95 116.2 0.0 224.0

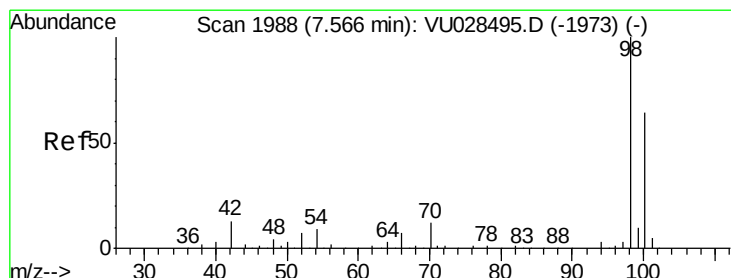
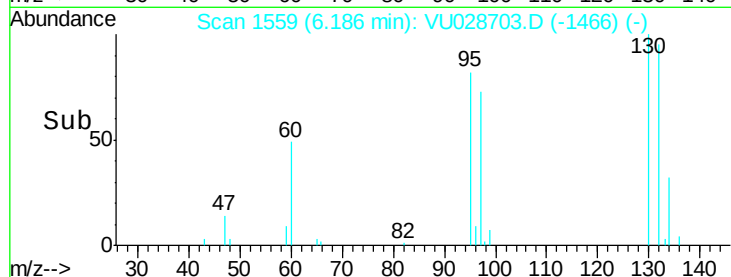


Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)

6.19

Time-->



#50

Toluene-d8

Concen: 52.157 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028703.D

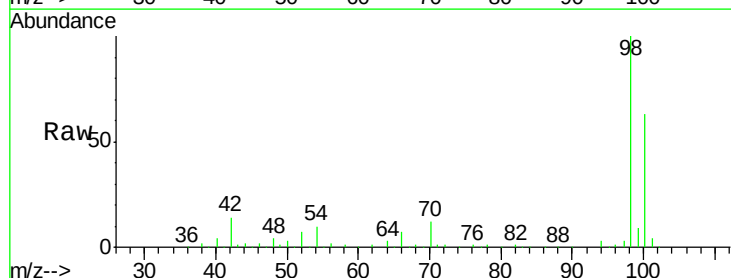
Acq: 14 Dec 2018 23:17

Tgt Ion: 98 Resp: 177884

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6

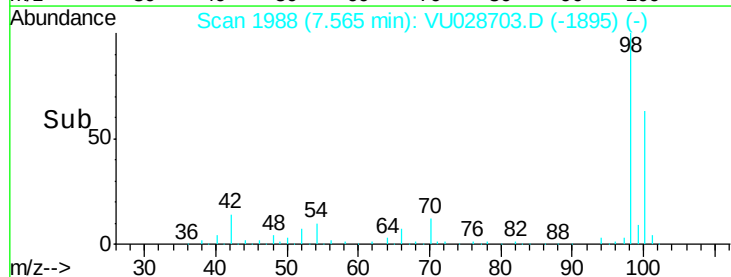


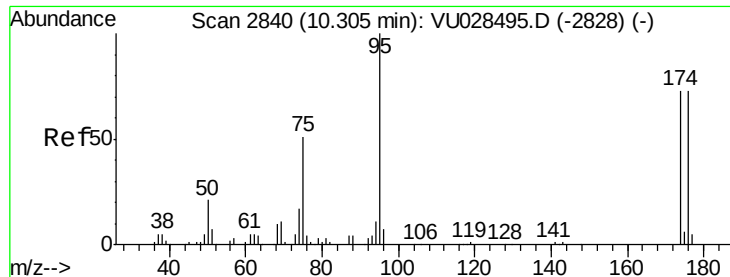
Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

Time-->





#62

4-Bromofluorobenzene

Concen: 45.464 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

Instrument :

MSVOA_U

ClientSampleId :

MW-1B_R1

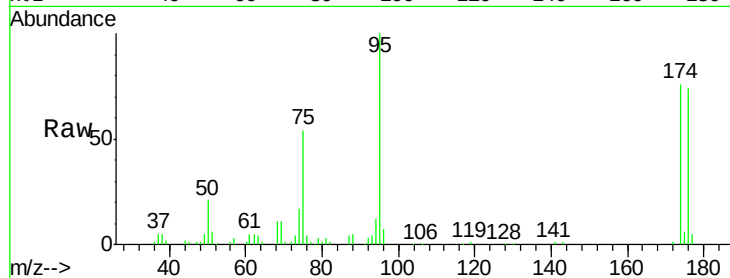
Tgt Ion: 95 Resp: 57955

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.4

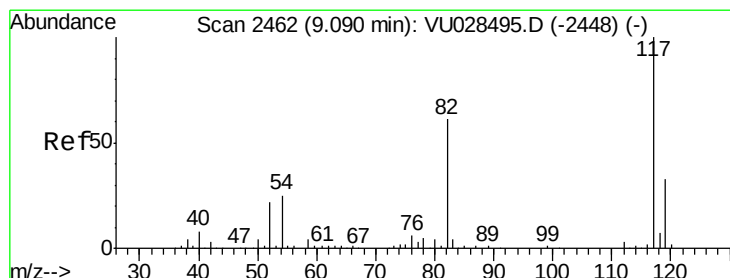
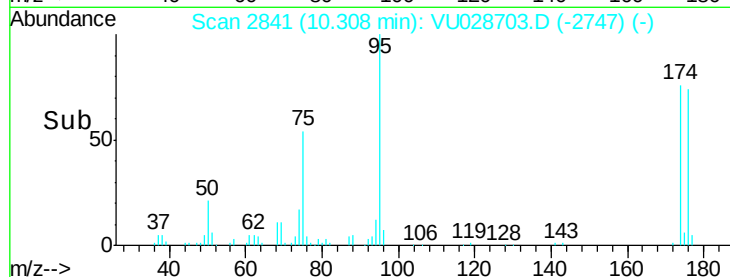
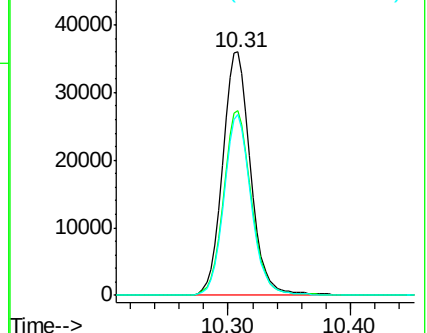
176 72.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

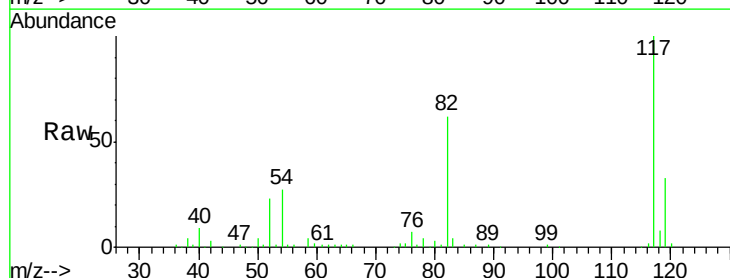
Tgt Ion: 117 Resp: 124516

Ion Ratio Lower Upper

117 100

82 62.3 48.9 73.3

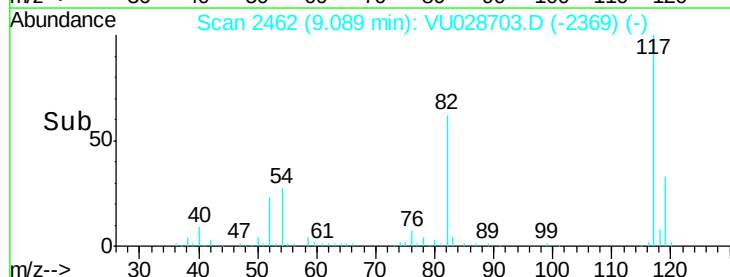
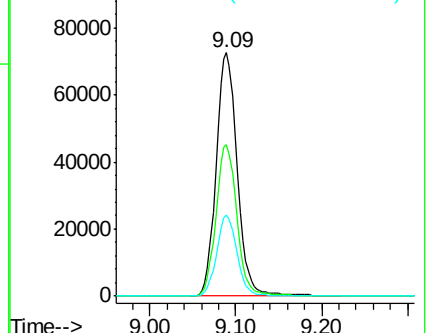
119 33.4 26.2 39.4

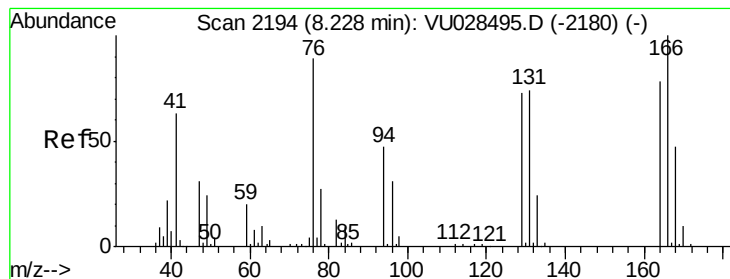


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 65.240 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

Instrument :

MSVOA_U

ClientSampleId :

MW-1B_R1

Tgt Ion:164 Resp: 54185

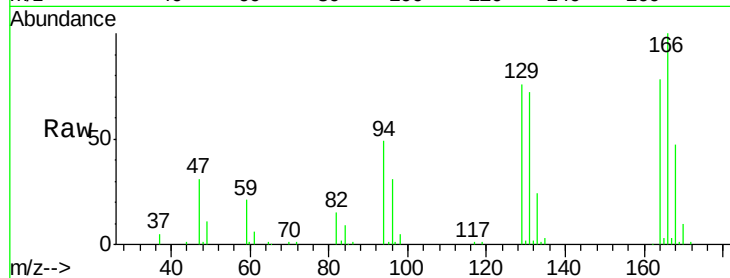
Ion Ratio Lower Upper

164 100

166 129.0 101.9 152.9

129 98.0 74.9 112.3

131 92.8 75.4 113.0

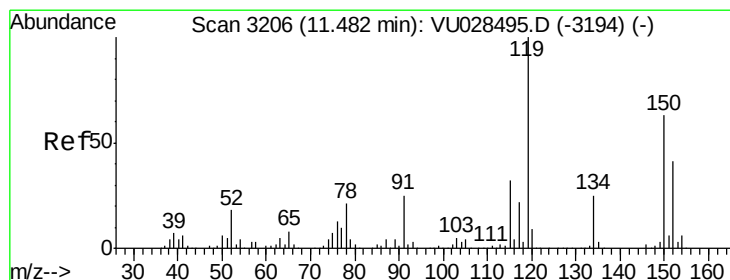
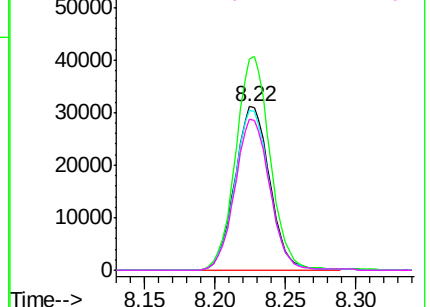
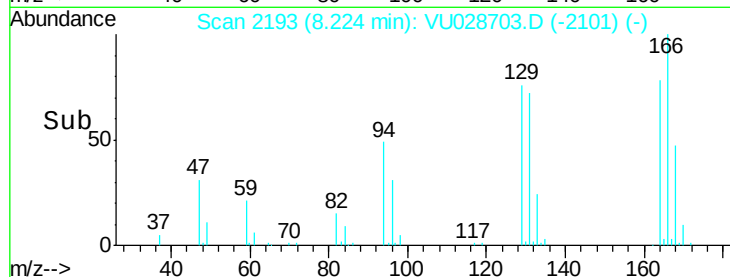


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3206

Delta R.T. -0.00 min

Lab File: VU028703.D

Acq: 14 Dec 2018 23:17

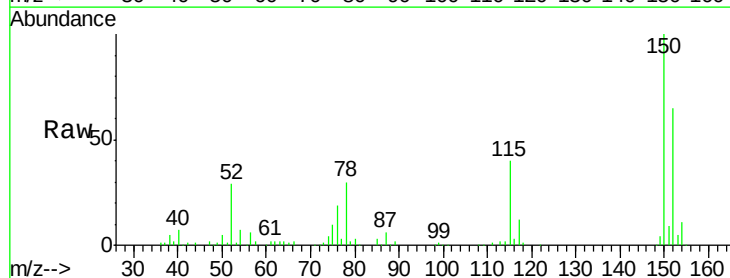
Tgt Ion:152 Resp: 47676

Ion Ratio Lower Upper

152 100

115 60.5 42.7 128.1

150 155.5 0.0 346.0



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

