

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028727.D
 Acq On : 17 Dec 2018 17:55
 Operator : MD/SY
 Sample : J6393-08DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1DL

Quant Time: Dec 18 06:50:06 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

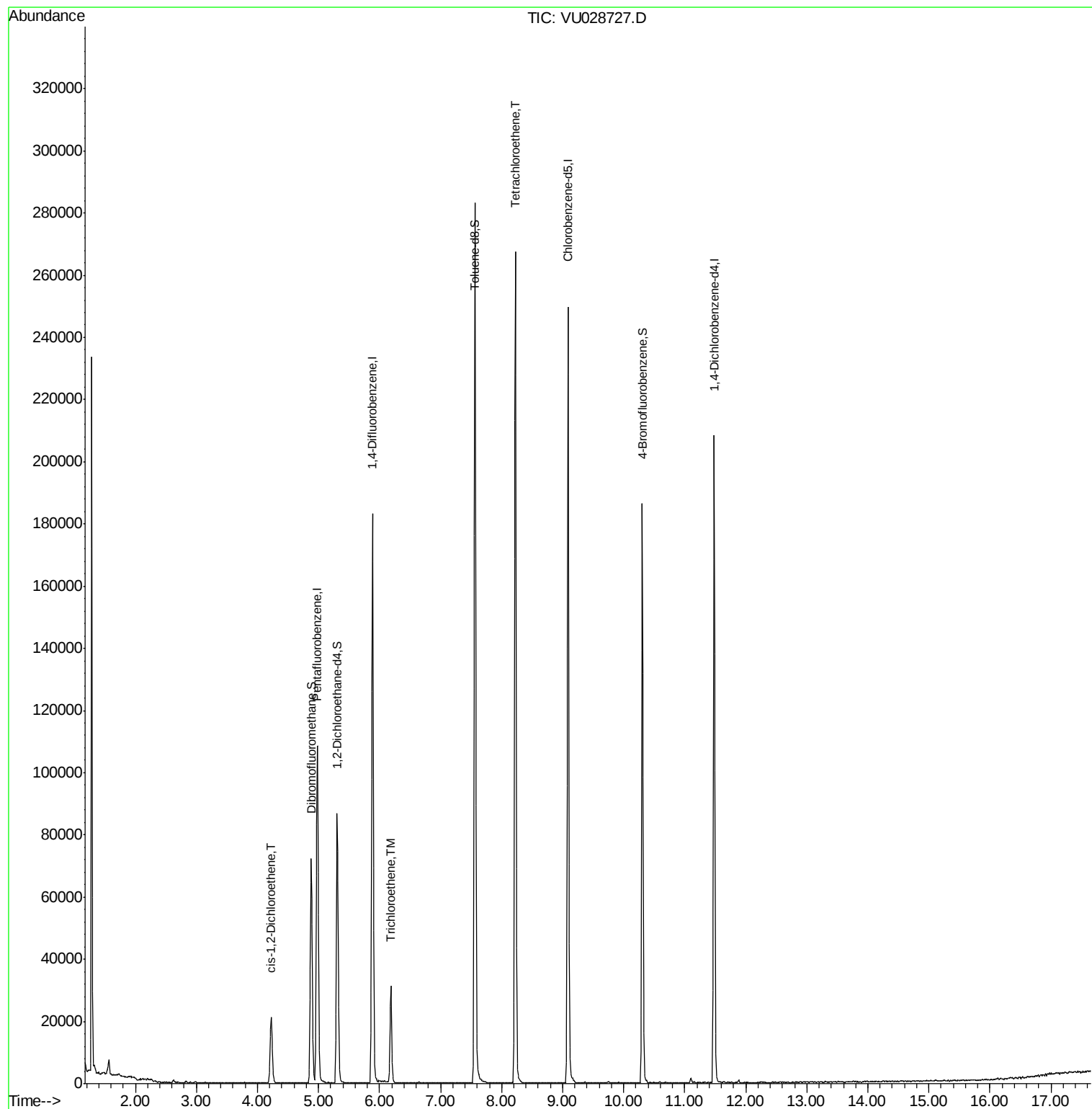
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146795	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66614	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	4.88	113	49435	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	7.56	98	188923	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	10.31	95	61292	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	11700	9.885	ug/l	89
44) Trichloroethene	6.18	130	10457	9.941	ug/l	100
64) Tetrachloroethene	8.22	164	57432	66.603	ug/l	97

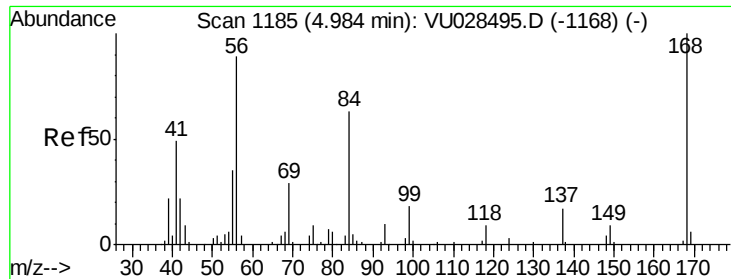
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028727.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

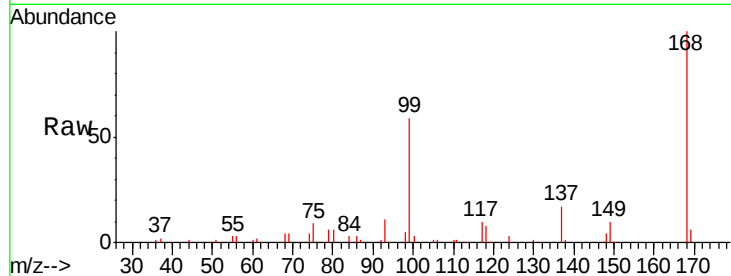
MW-10C_R1DL

Tgt Ion: 168 Resp: 83422

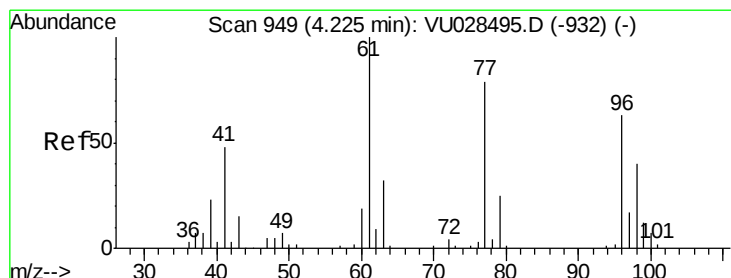
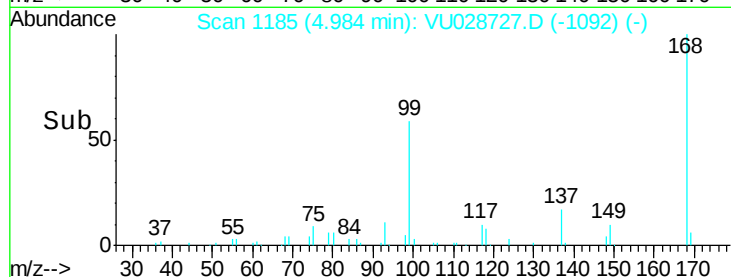
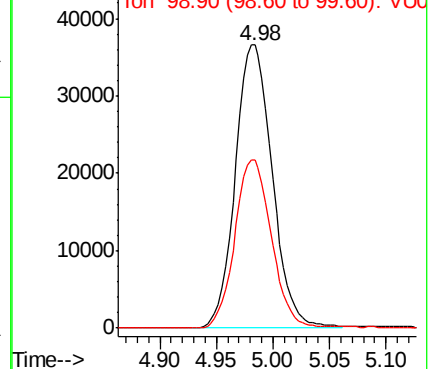
Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028727.D (-1092) (-)



#27

cis-1,2-Dichloroethene

Concen: 9.885 ug/l

RT: 4.23 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028727.D

Acq: 17 Dec 2018 17:55

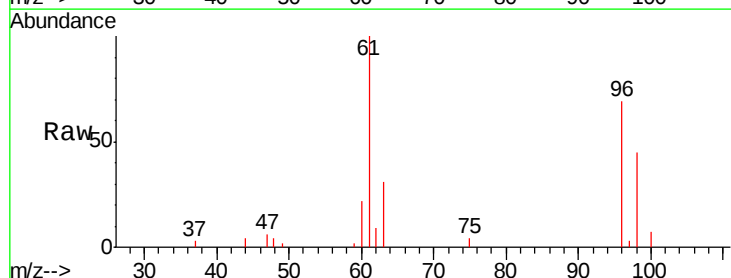
Tgt Ion: 96 Resp: 11700

Ion Ratio Lower Upper

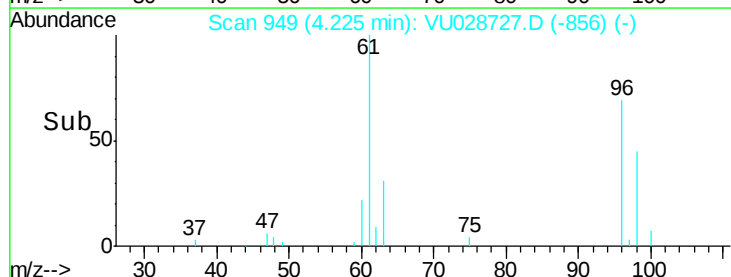
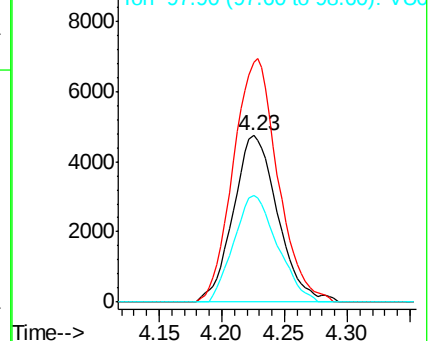
96 100

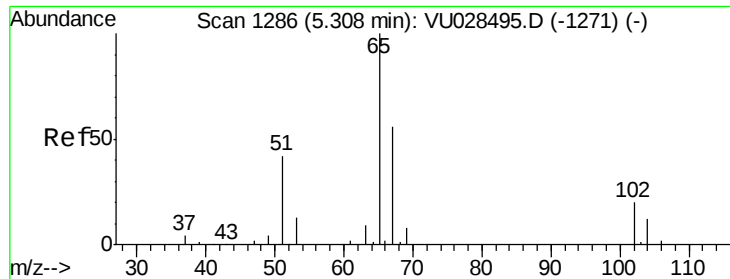
61 146.0 0.0 332.4

98 62.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028727.D (-856) (-)

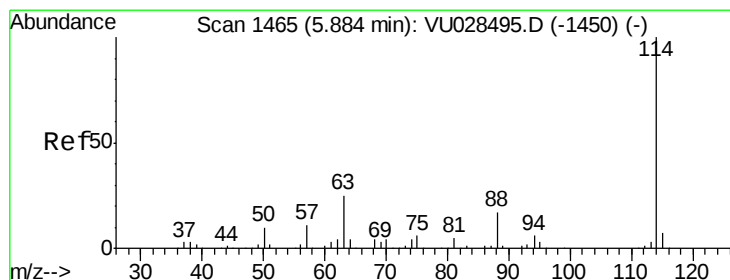
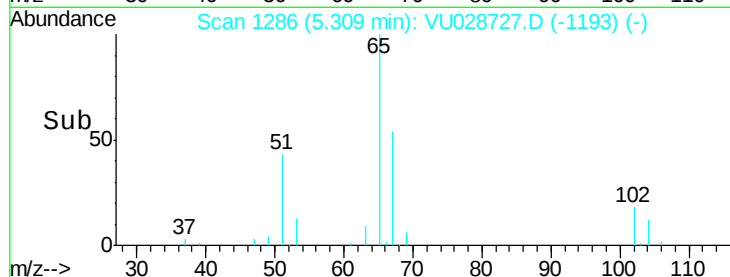
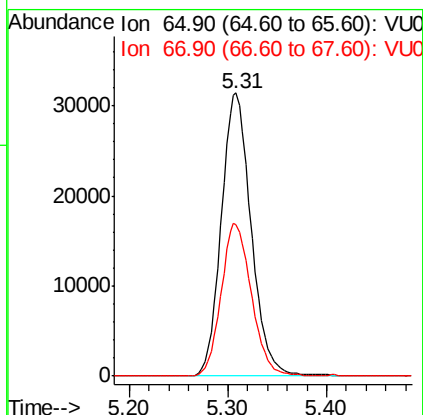
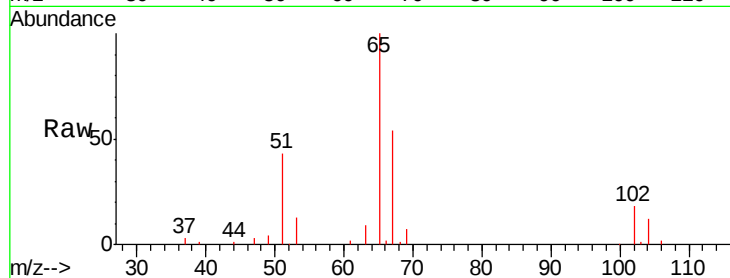




#33
 1,2-Dichloroethane-d4
 Concen: 52.325 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028727.D
 Acq: 17 Dec 2018 17:55

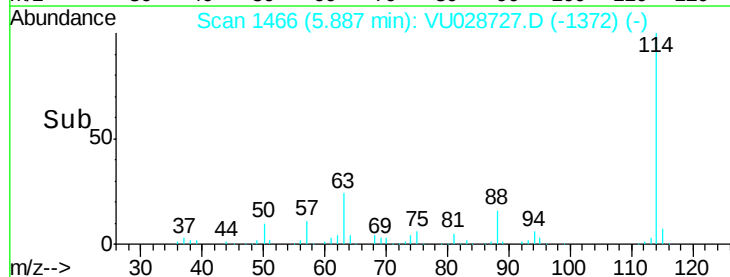
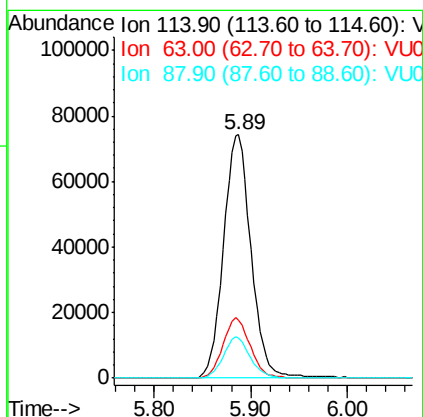
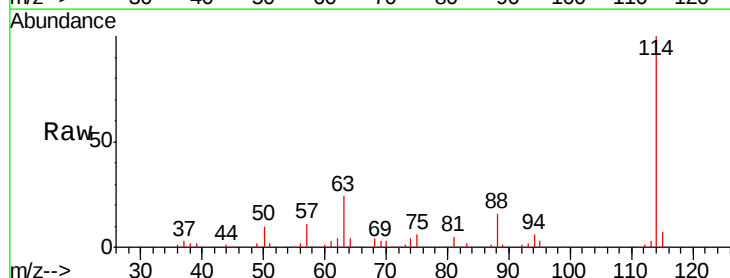
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1DL

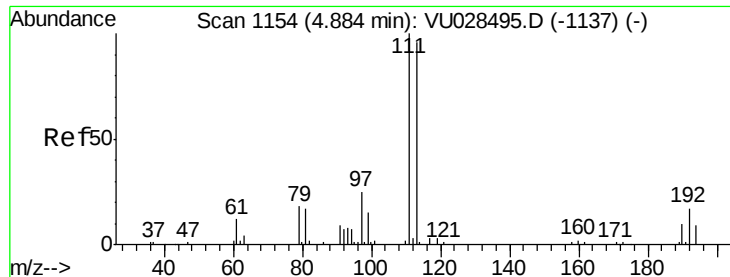
Tgt Ion: 65 Resp: 66614
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028727.D
 Acq: 17 Dec 2018 17:55

Tgt Ion: 114 Resp: 146795
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.513 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028727.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

MW-10C_R1DL

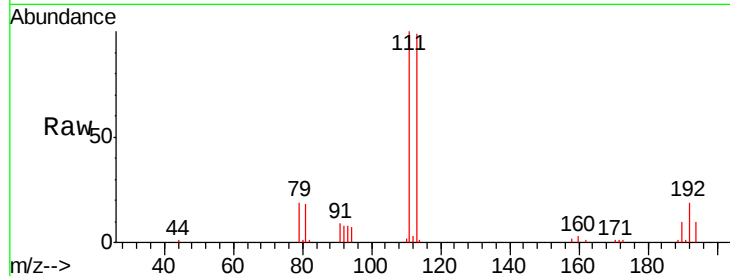
Tgt Ion:113 Resp: 49435

Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.0

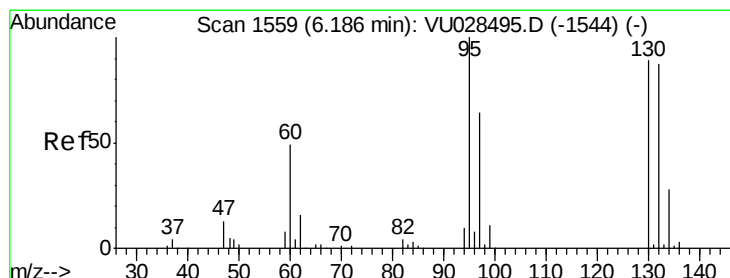
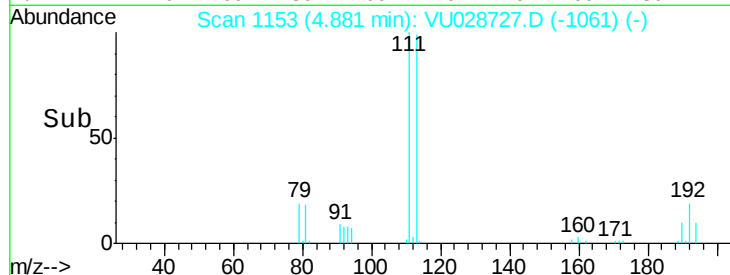
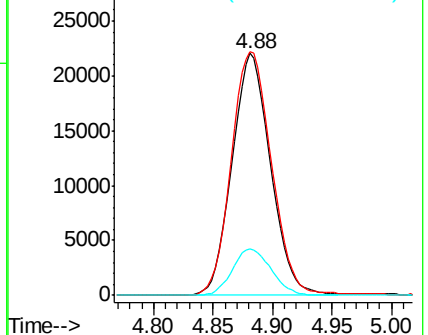
192 19.2 14.8 22.2



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: 9.941 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028727.D

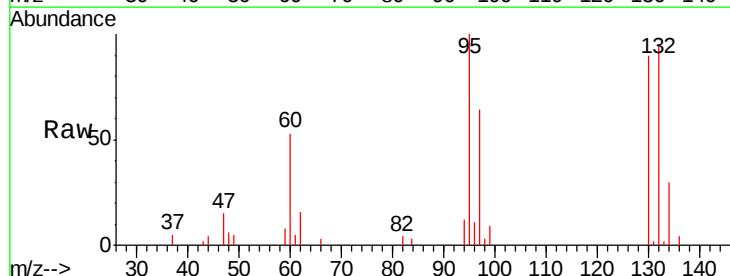
Acq: 17 Dec 2018 17:55

Tgt Ion:130 Resp: 10457

Ion Ratio Lower Upper

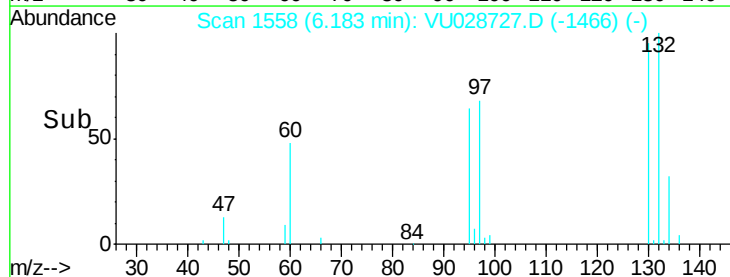
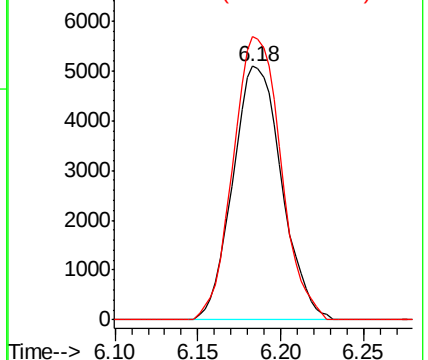
130 100

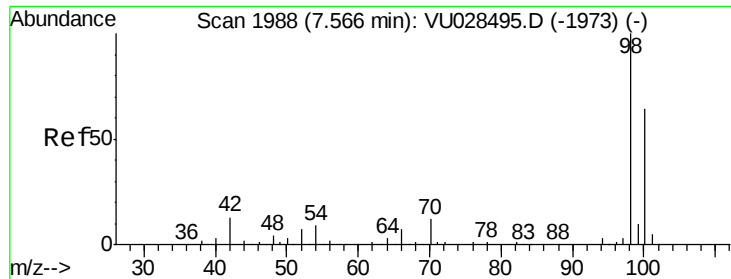
95 111.5 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 51.698 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028727.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

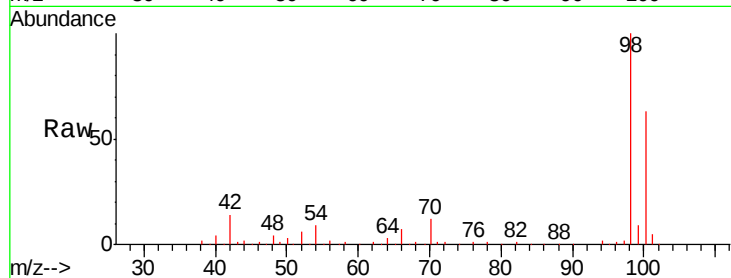
MW-10C_R1DL

Tgt Ion: 98 Resp: 188923

Ion Ratio Lower Upper

98 100

100 62.9 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) (-)

7.56

120000

100000

80000

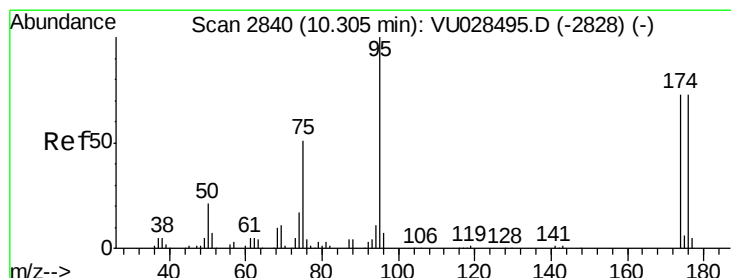
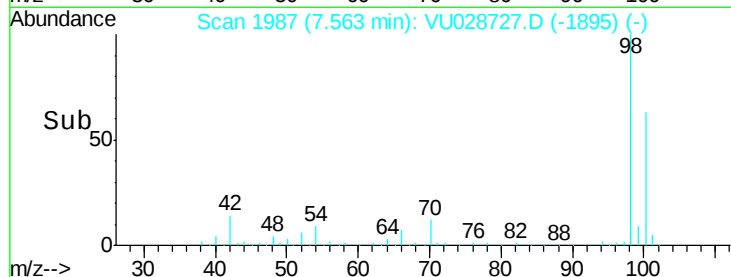
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.874 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028727.D

Acq: 17 Dec 2018 17:55

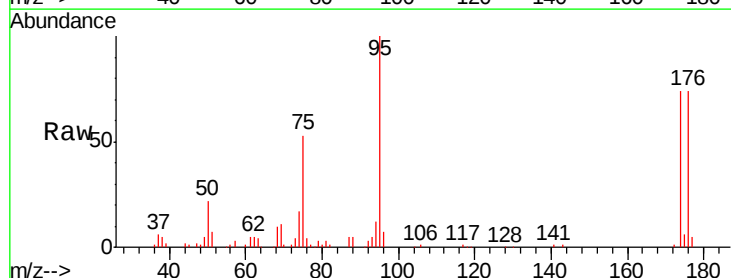
Tgt Ion: 95 Resp: 61292

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.4

176 74.3 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) (-)

10.31

50000

40000

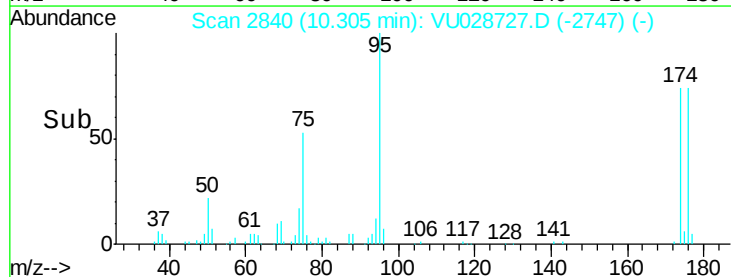
30000

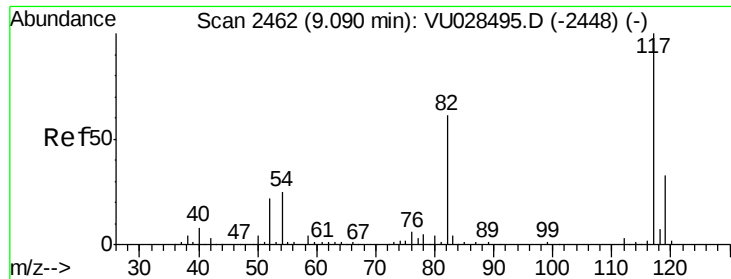
20000

10000

0

Time-->

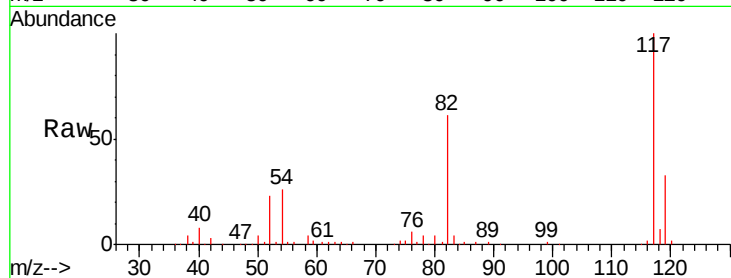




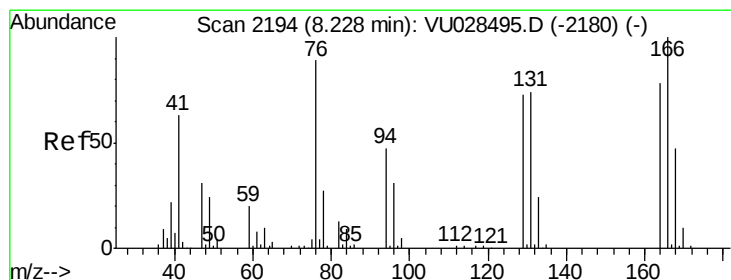
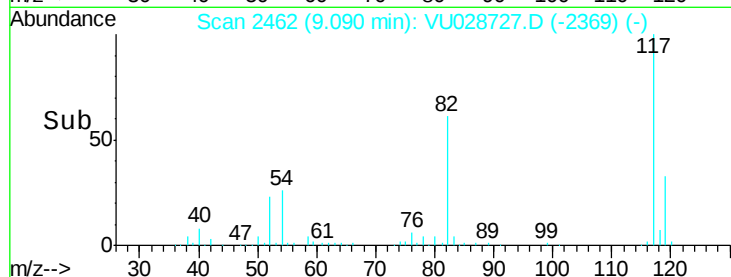
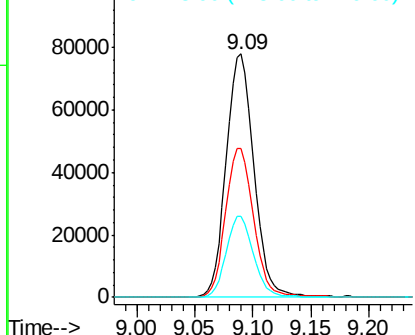
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028727.D
Acq: 17 Dec 2018 17:55

Instrument :
MSVOA_U
ClientSampleId :
MW-10C_R1DL

Tgt Ion:117 Resp: 129276
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 33.4 26.2 39.4

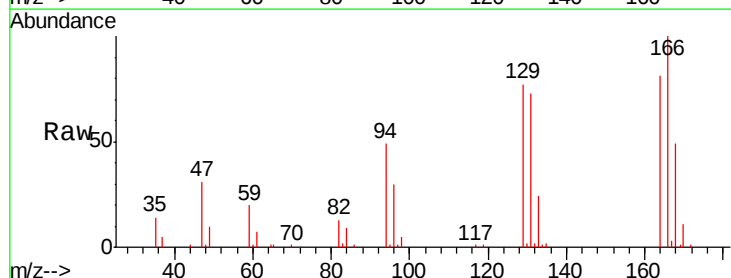


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

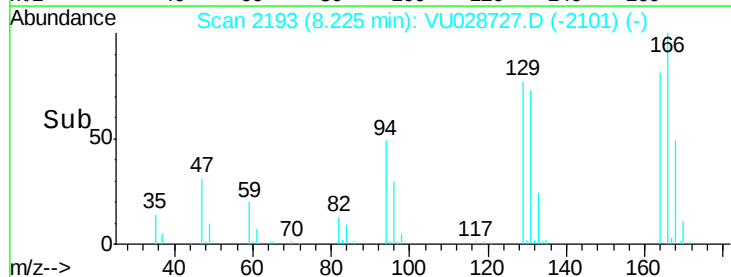
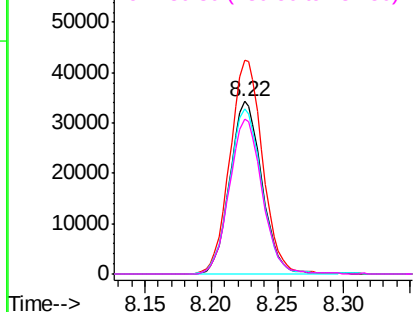


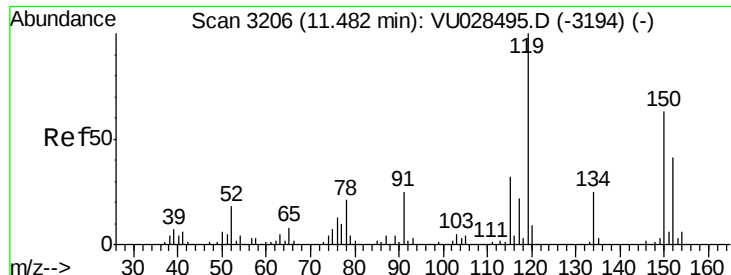
#64
Tetrachloroethene
Concen: 66.603 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028727.D
Acq: 17 Dec 2018 17:55

Tgt Ion:164 Resp: 57432
Ion Ratio Lower Upper
164 100
166 123.9 101.9 152.9
129 95.4 74.9 112.3
131 90.1 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: VU028727.D
 Acq: 17 Dec 2018 17:55

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1DL

Tgt Ion:152 Resp: 50839
 Ion Ratio Lower Upper
 152 100
 115 60.6 42.7 128.1
 150 155.0 0.0 346.0

