

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028688.D
 Acq On : 14 Dec 2018 17:15
 Operator : MD/SY
 Sample : J6393-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9B_R1

Quant Time: Dec 15 01:07:21 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

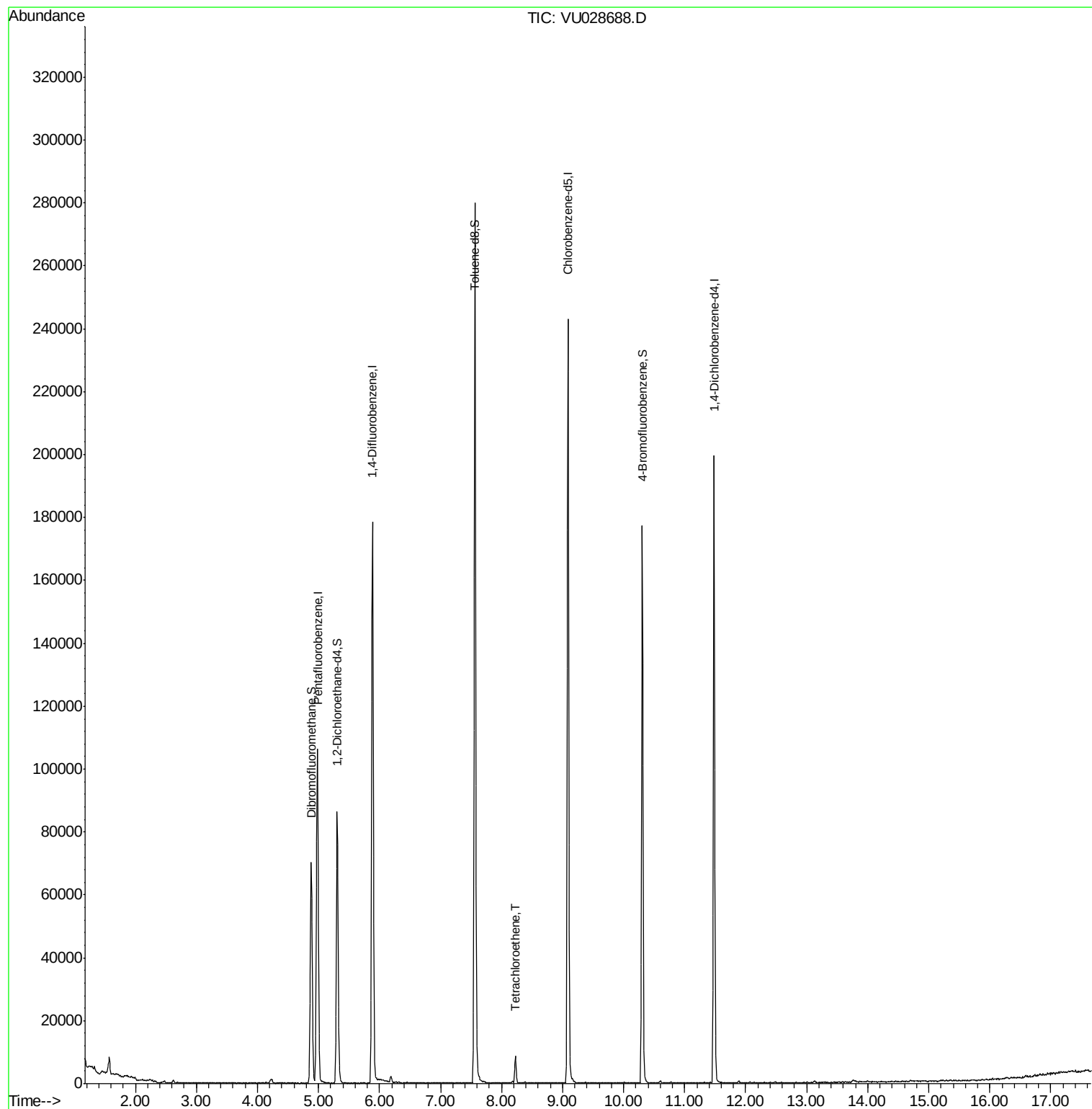
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143451	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65596	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	4.88	113	48649	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	7.57	98	183567	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	10.30	95	59889	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
64) Tetrachloroethene	8.22	164	1889	2.215	ug/l	Qvalue 94

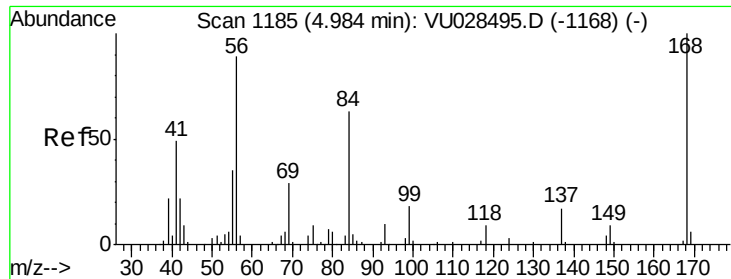
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028688.D

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ClientSampleId :

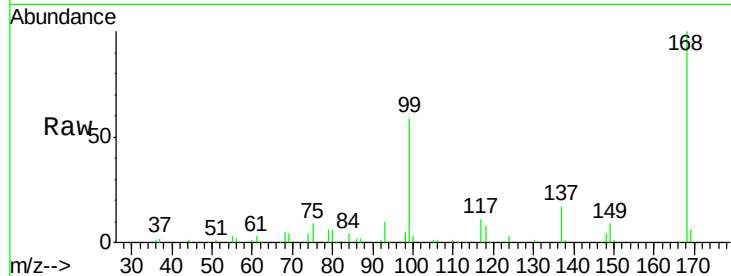
MW-9B_R1

Tgt Ion:168 Resp: 79228

Ion Ratio Lower Upper

168 100

99 59.4 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

40000

30000

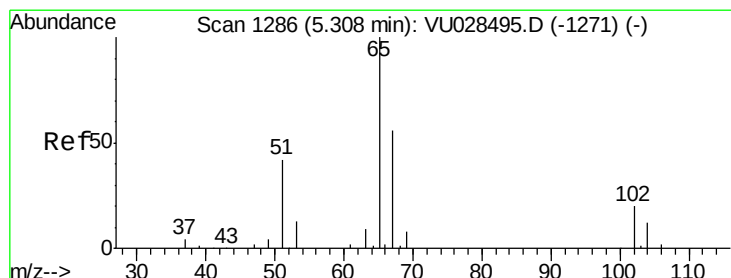
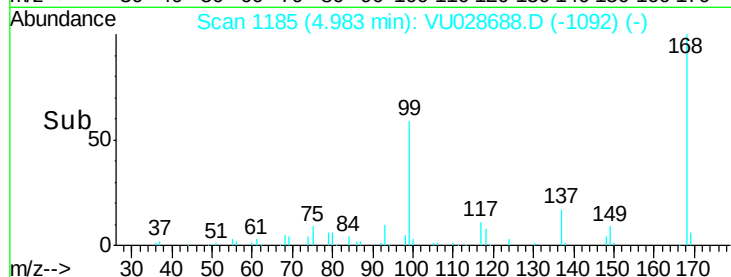
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028688.D

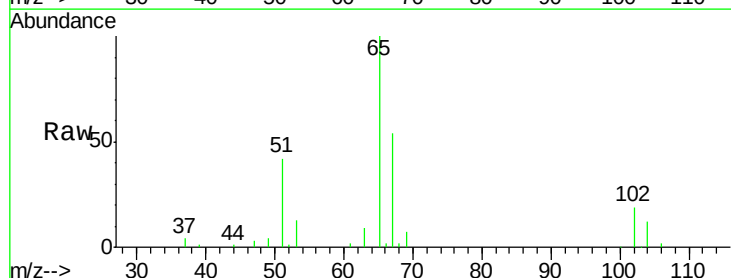
Acq: 14 Dec 2018 17:15

Tgt Ion: 65 Resp: 65596

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

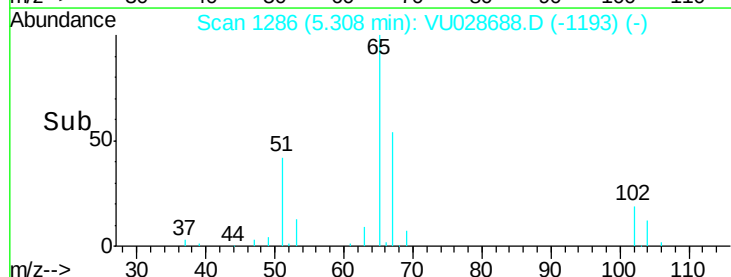
20000

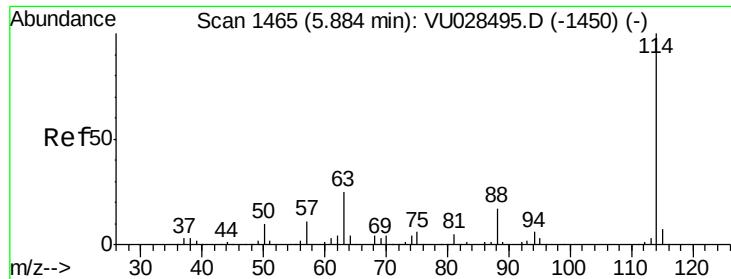
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028688.D

Acq: 14 Dec 2018 17:15

Instrument :

MSVOA_U

ClientSampleId :

MW-9B_R1

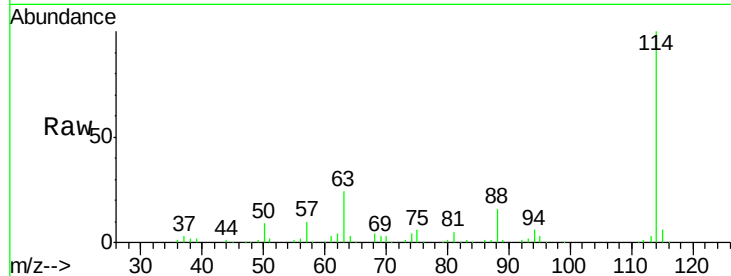
Tgt Ion:114 Resp: 143451

Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

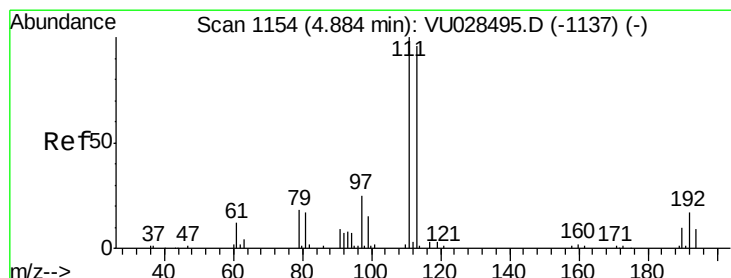
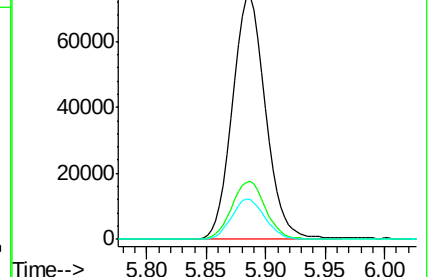
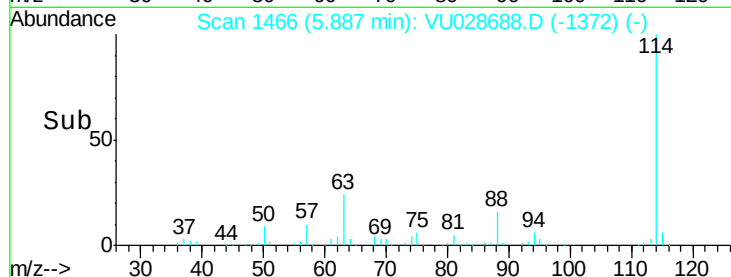
88 16.2 0.0 33.4



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: 53.890 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028688.D

Acq: 14 Dec 2018 17:15

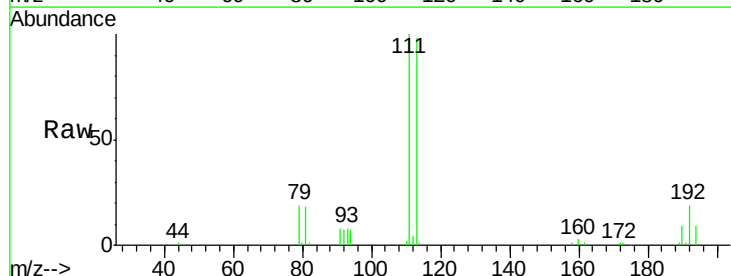
Tgt Ion:113 Resp: 48649

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

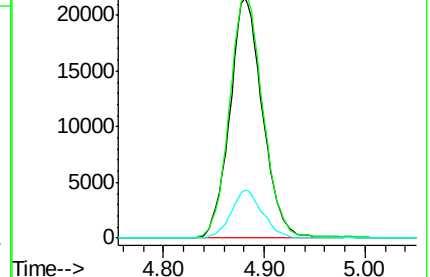
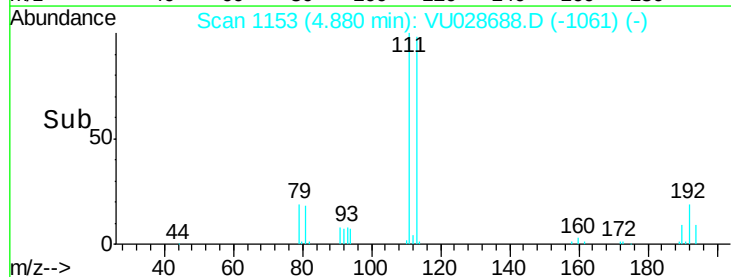
192 19.1 14.8 22.2

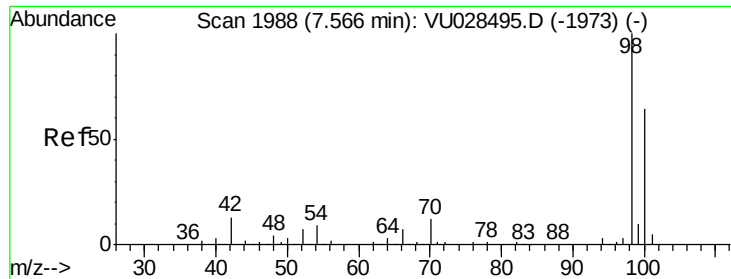


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

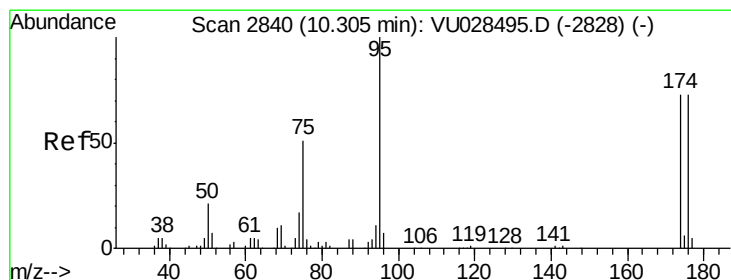
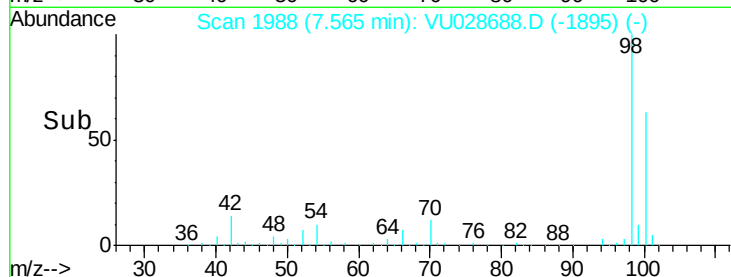
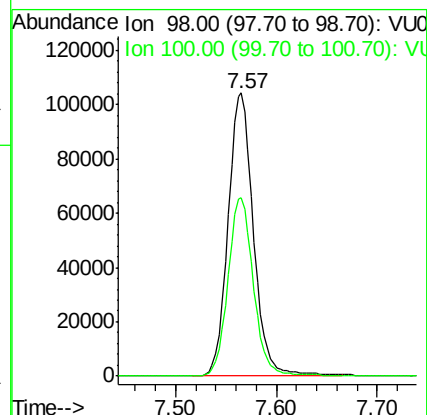
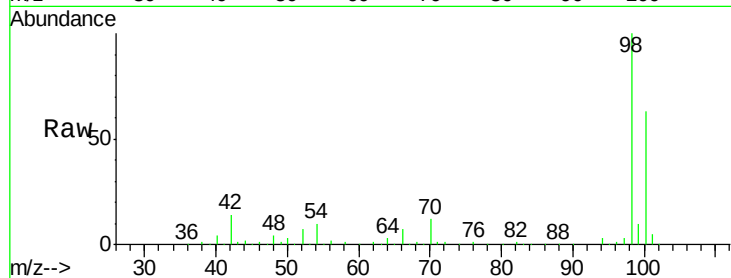




#50
Toluene-d8
Concen: 51.403 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028688.D
Acq: 14 Dec 2018 17:15

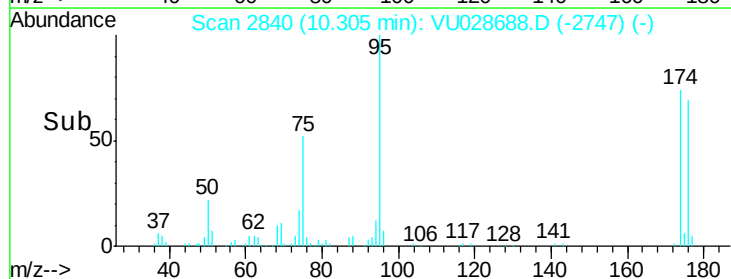
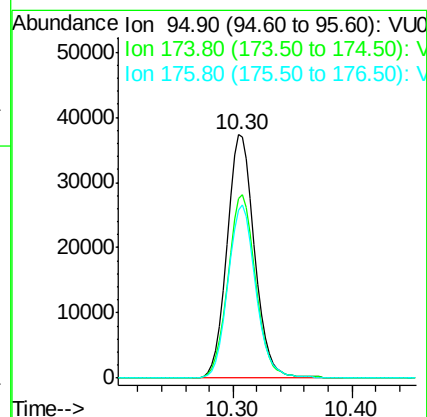
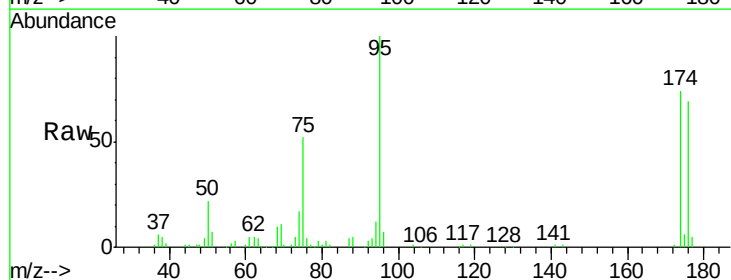
Instrument :
MSVOA_U
ClientSampleId :
MW-9B_R1

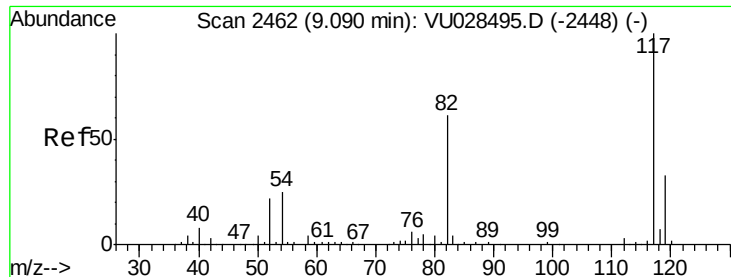
Tgt Ion: 98 Resp: 183567
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.869 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028688.D
Acq: 14 Dec 2018 17:15

Tgt Ion: 95 Resp: 59889
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 71.5 0.0 145.2

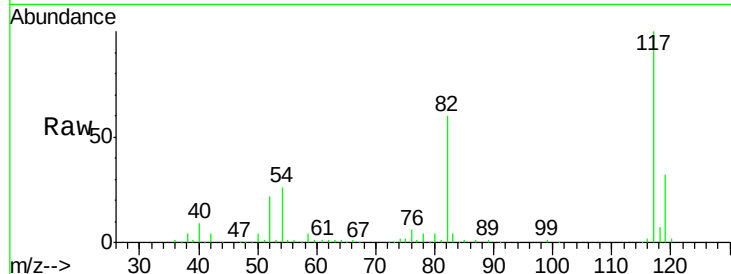




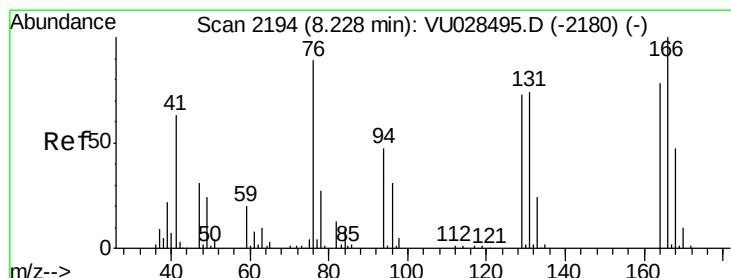
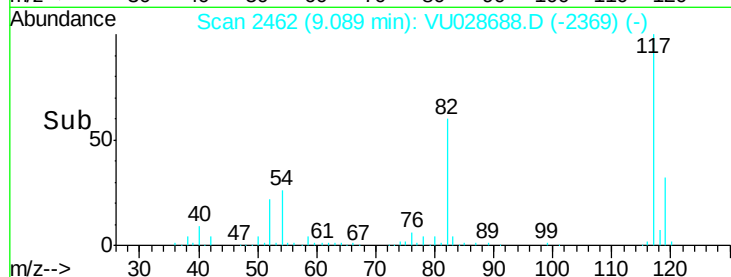
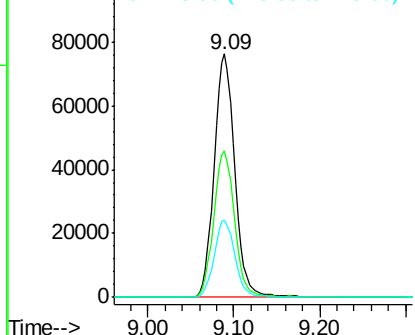
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028688.D
Acq: 14 Dec 2018 17:15

Instrument :
MSVOA_U
ClientSampleId :
MW-9B_R1

Tgt Ion:117 Resp: 127882
Ion Ratio Lower Upper
117 100
82 59.9 48.9 73.3
119 32.0 26.2 39.4

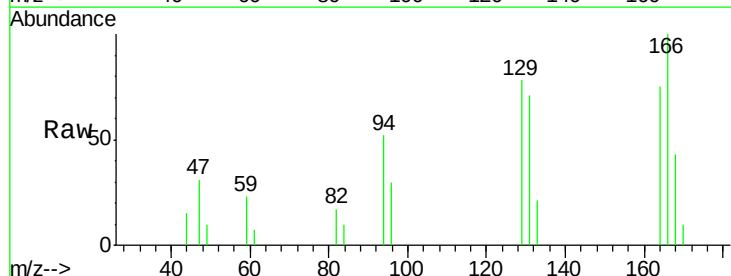


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

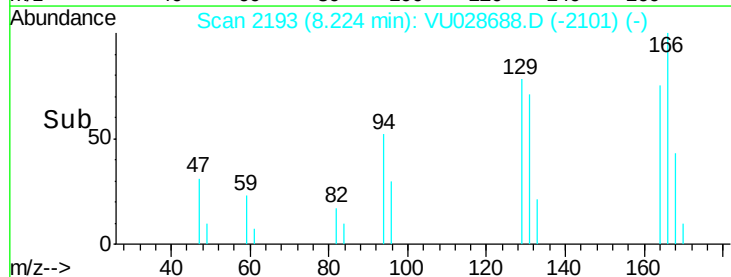
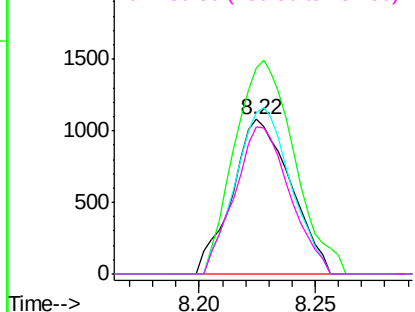


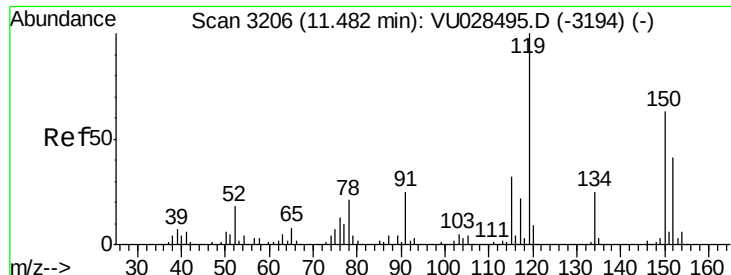
#64
Tetrachloroethene
Concen: 2.215 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028688.D
Acq: 14 Dec 2018 17:15

Tgt Ion:164 Resp: 1889
Ion Ratio Lower Upper
164 100
166 133.5 101.9 152.9
129 103.9 74.9 112.3
131 95.0 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: VU028688.D
 Acq: 14 Dec 2018 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9B_R1

Tgt Ion:152 Resp: 49116
 Ion Ratio Lower Upper
 152 100
 115 60.3 42.7 128.1
 150 154.4 0.0 346.0

