

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028698.D
 Acq On : 14 Dec 2018 21:16
 Operator : MD/SY
 Sample : J6393-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12B_R1

Quant Time: Dec 15 02:30:20 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	75346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	134321	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	121200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	45923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63592	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	4.88	113	46516	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	7.57	98	175752	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	10.31	95	55374	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	

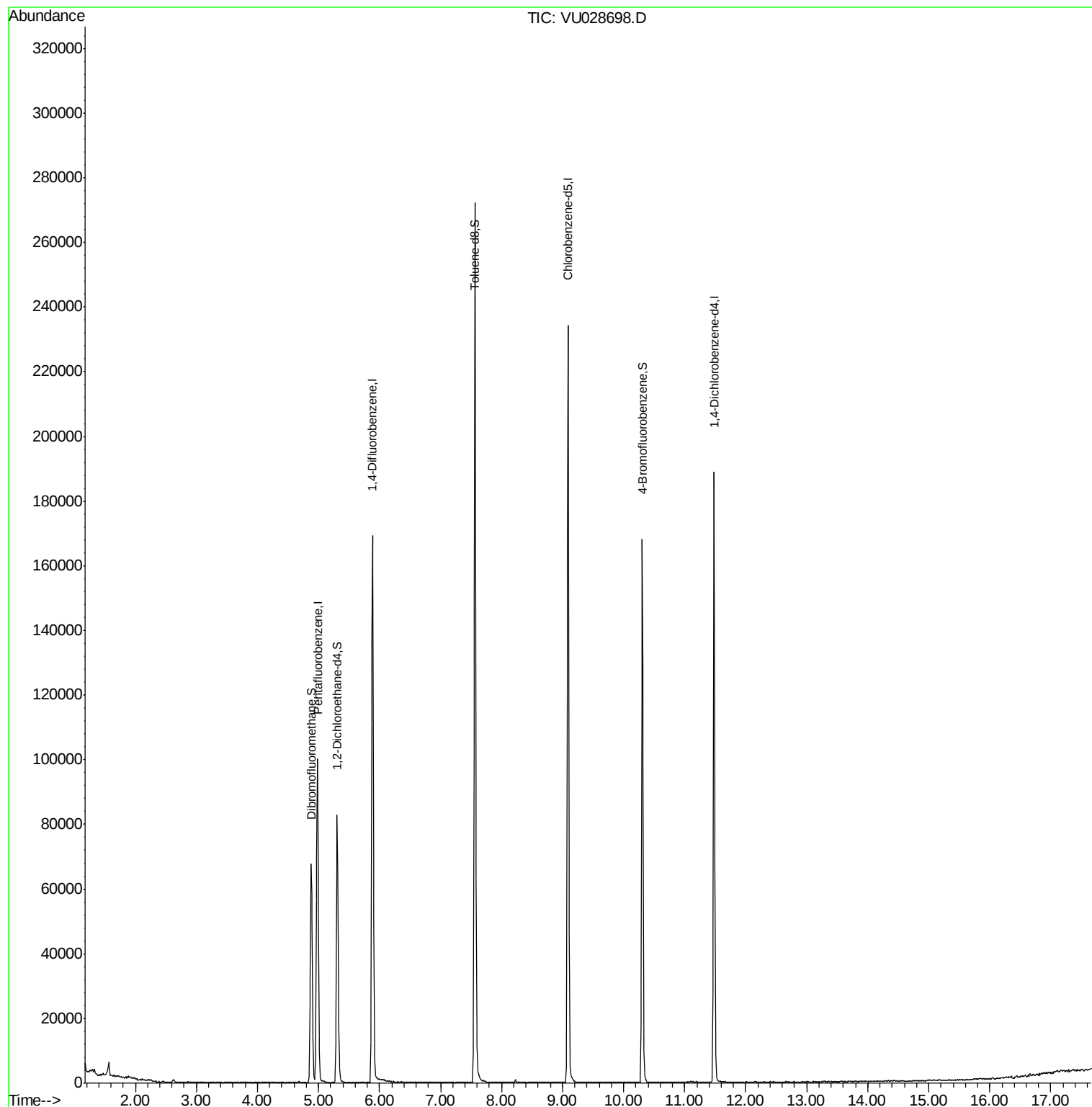
Target Compounds	Qvalue
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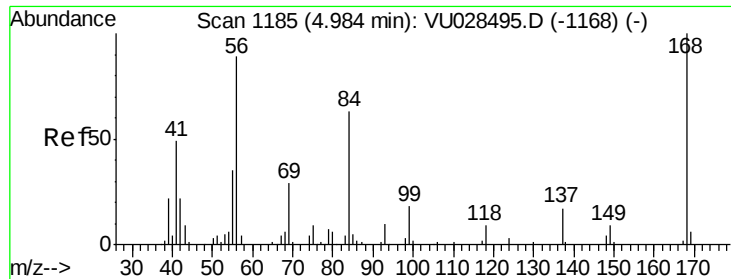
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028698.D

Acq: 14 Dec 2018 21:16

Instrument :

MSVOA_U

ClientSampleId :

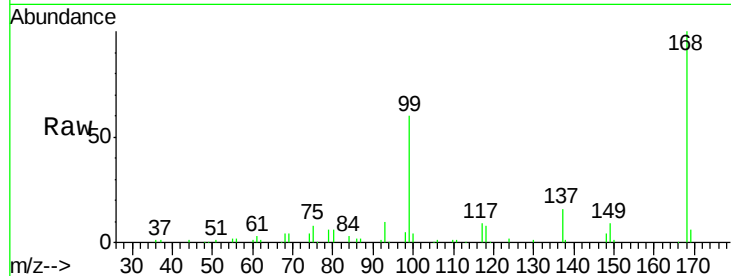
MW-12B_R1

Tgt Ion: 168 Resp: 75346

Ion Ratio Lower Upper

168 100

99 59.9 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

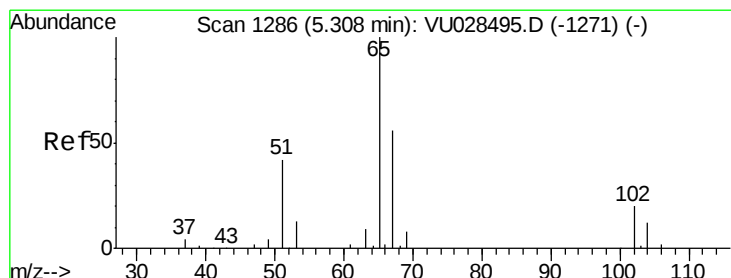
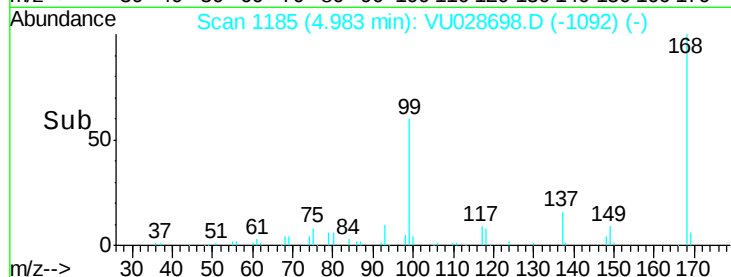
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.306 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028698.D

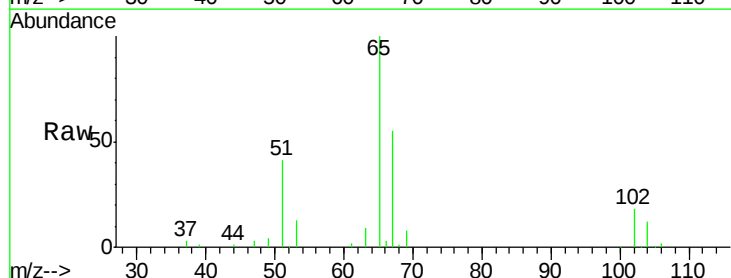
Acq: 14 Dec 2018 21:16

Tgt Ion: 65 Resp: 63592

Ion Ratio Lower Upper

65 100

67 54.6 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

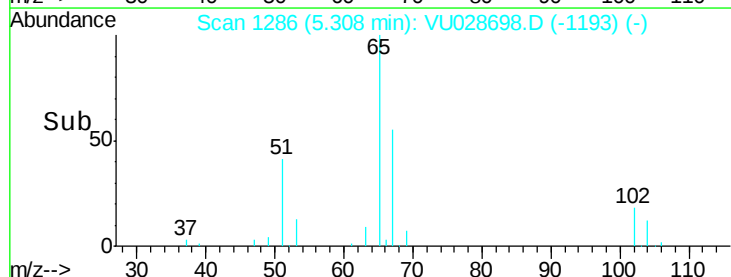
20000

10000

0

5.20 5.30 5.40

Time-->

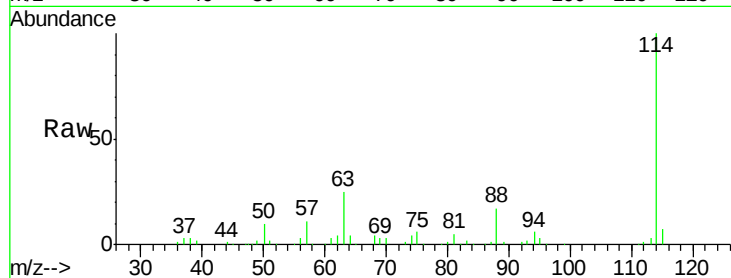




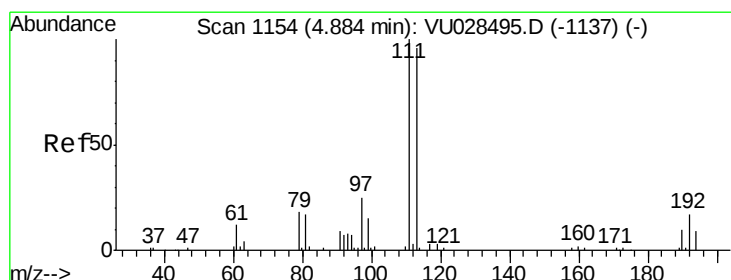
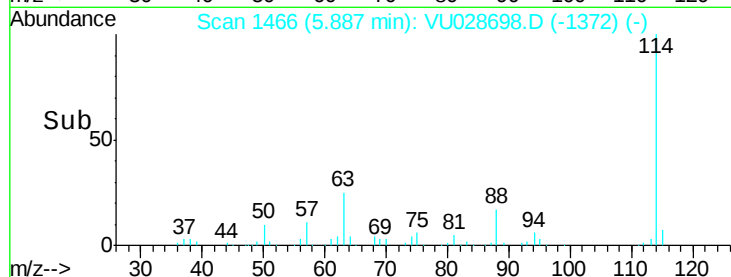
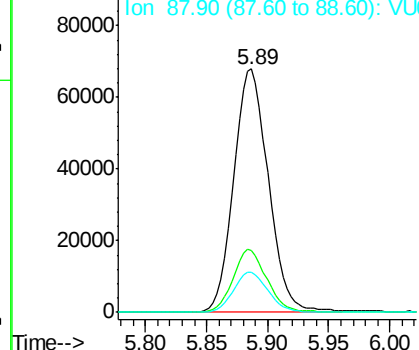
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

Instrument :
MSVOA_U
ClientSampleId :
MW-12B_R1

Tgt Ion:114 Resp: 134321
Ion Ratio Lower Upper
114 100
63 25.4 0.0 49.2
88 16.6 0.0 33.4

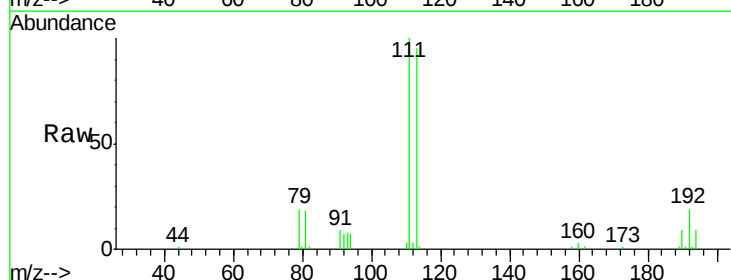


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

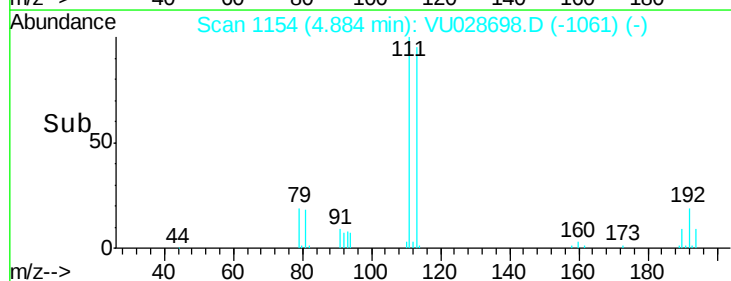
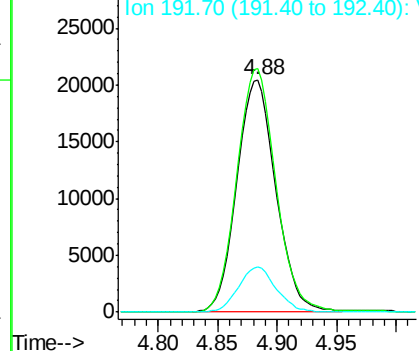


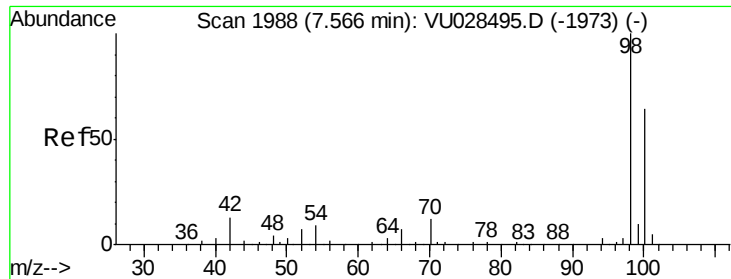
#35
Dibromofluoromethane
Concen: 55.030 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

Tgt Ion:113 Resp: 46516
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.0
192 18.7 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

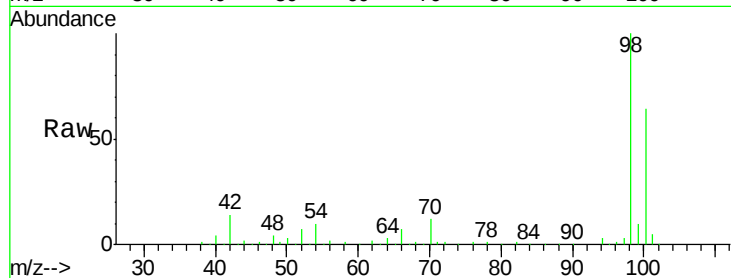




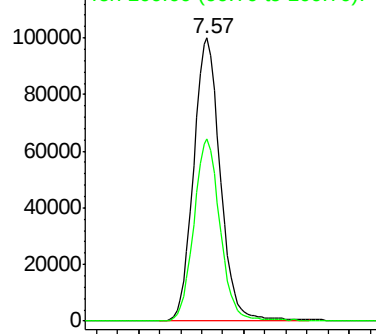
#50
Toluene-d8
Concen: 52.560 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

Instrument :
MSVOA_U
ClientSampleId :
MW-12B_R1

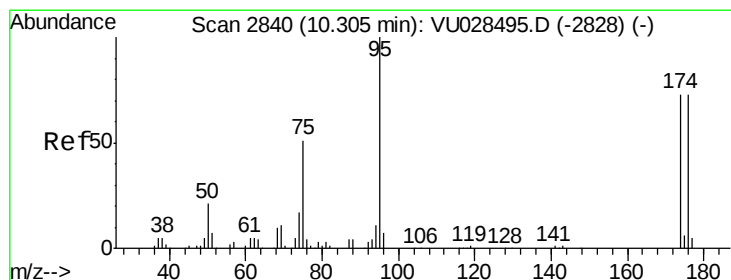
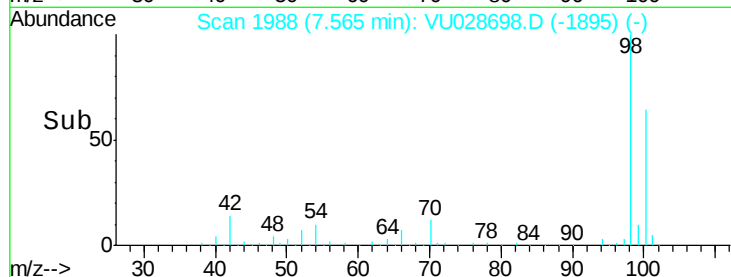
Tgt Ion: 98 Resp: 175752
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

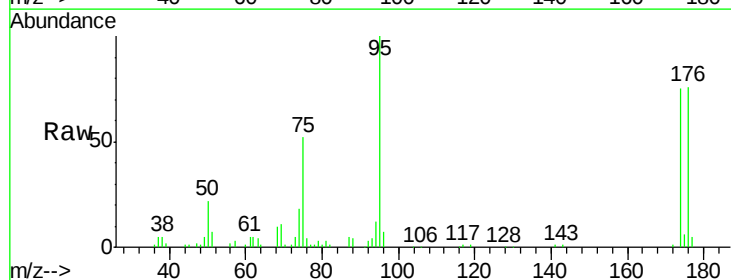


Time-->

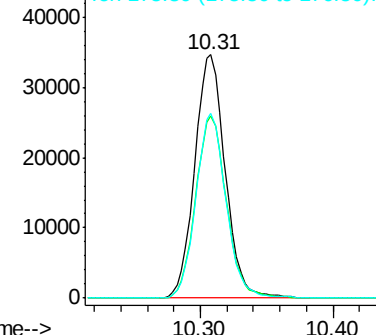


#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

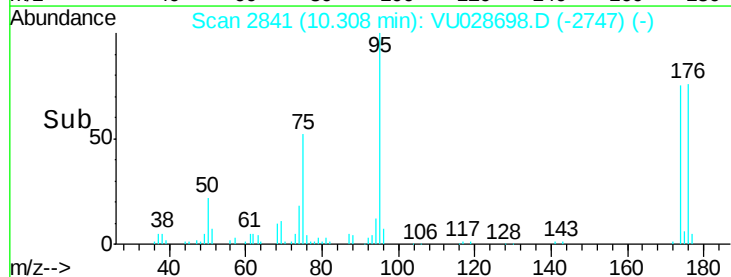
Tgt Ion: 95 Resp: 55374
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 74.8 0.0 145.2

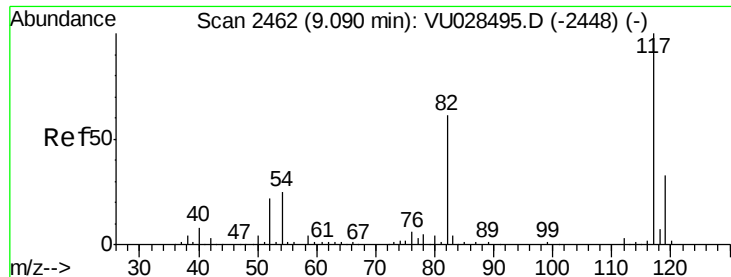


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

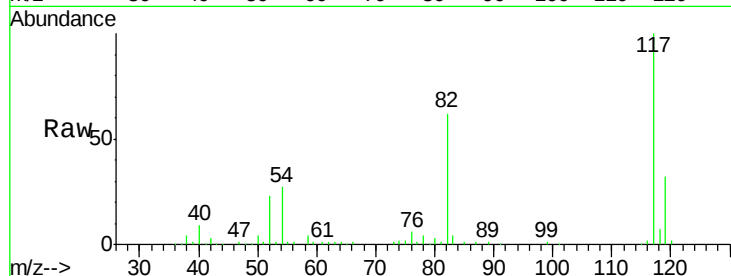




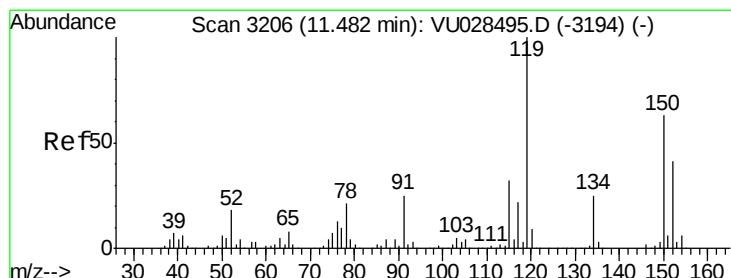
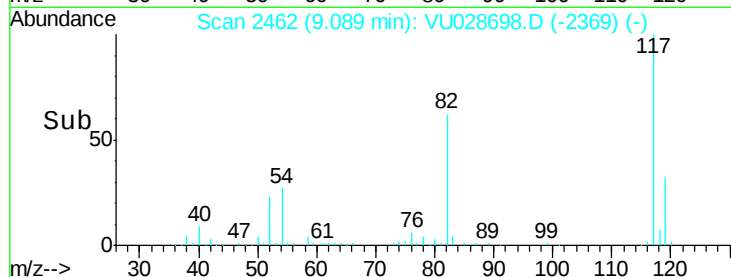
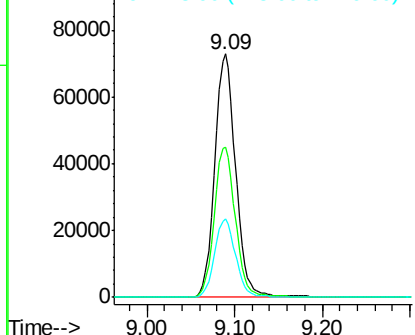
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

Instrument :
MSVOA_U
ClientSampleId :
MW-12B_R1

Tgt Ion:117 Resp: 121200
Ion Ratio Lower Upper
117 100
82 61.7 48.9 73.3
119 32.2 26.2 39.4

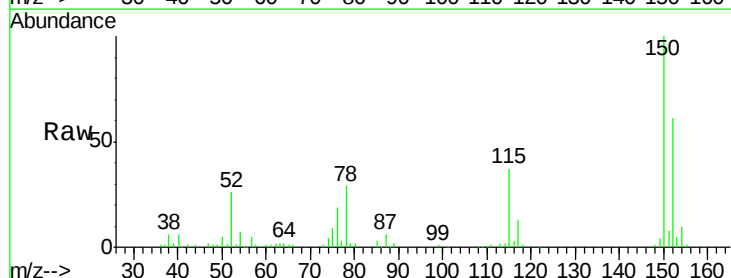


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028698.D
Acq: 14 Dec 2018 21:16

Tgt Ion:152 Resp: 45923
Ion Ratio Lower Upper
152 100
115 61.3 42.7 128.1
150 160.7 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

