

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027005.D
 Acq On : 22 Sep 2018 08:28
 Operator : MD/SY
 Sample : J4934-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ157I-20180913

Quant Time: Sep 24 04:12:02 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	4.98	168	70503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	142296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87149	61.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.84%	
35) Dibromofluoromethane	4.89	113	64181	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	7.57	98	233945	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.31	95	79190	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

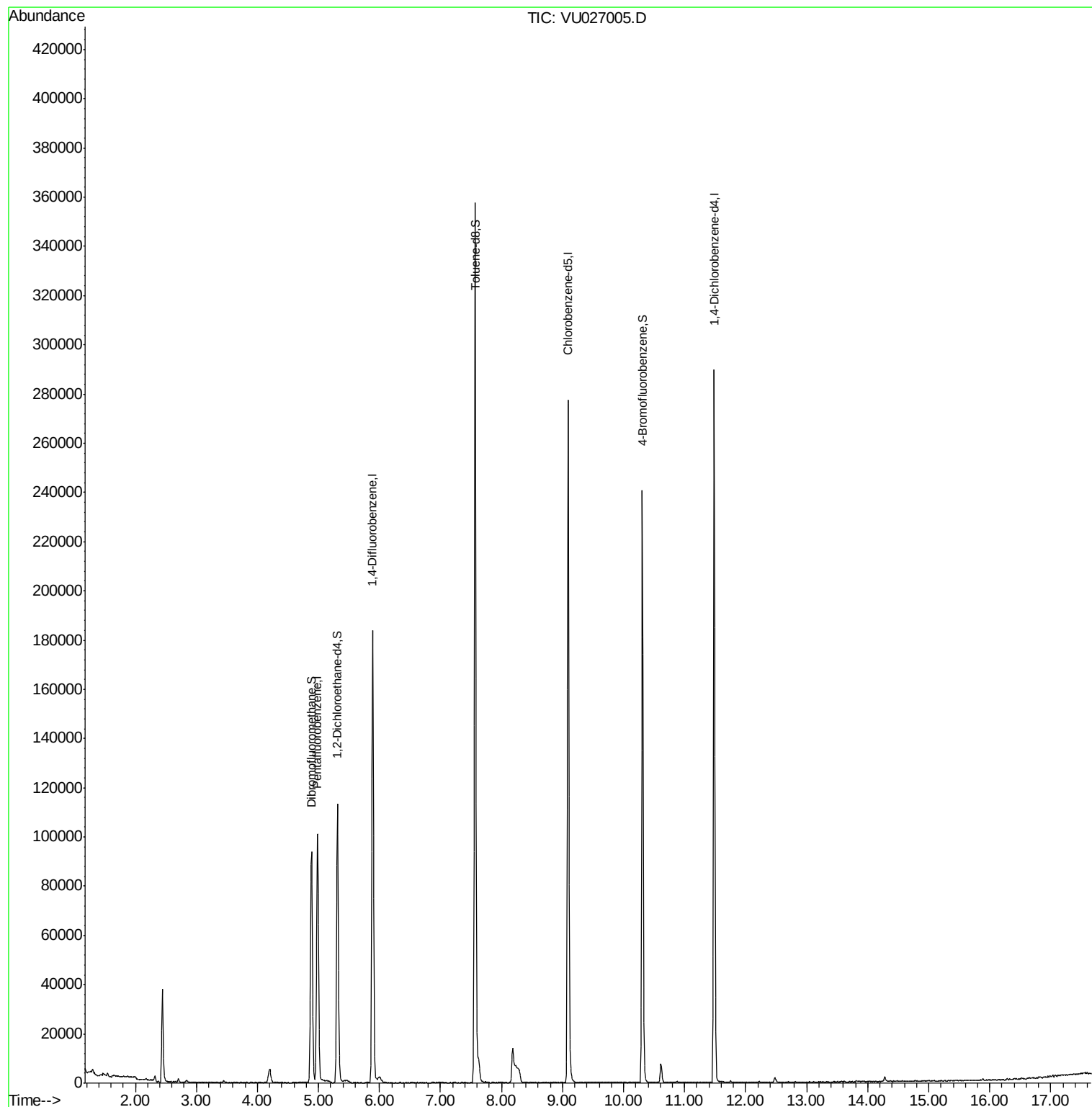
Target Compounds	Qvalue

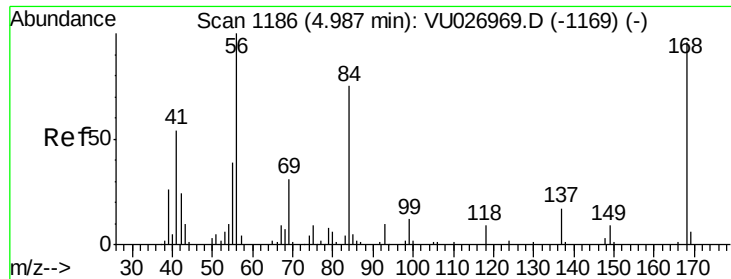
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027005.D

Acq: 22 Sep 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

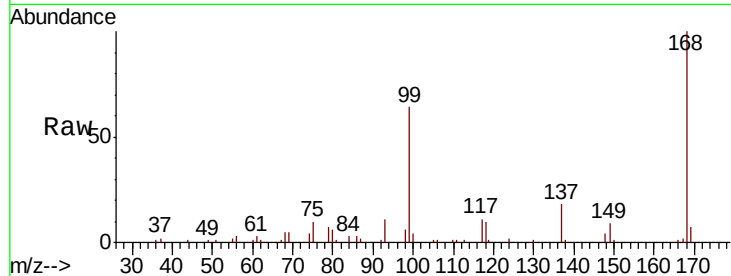
SA-PZ157I-20180913

Tot Ion:168 Resp: 70503

Ion Ratio Lower Upper

168 100

99 63.9 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) (-)

4.98

30000

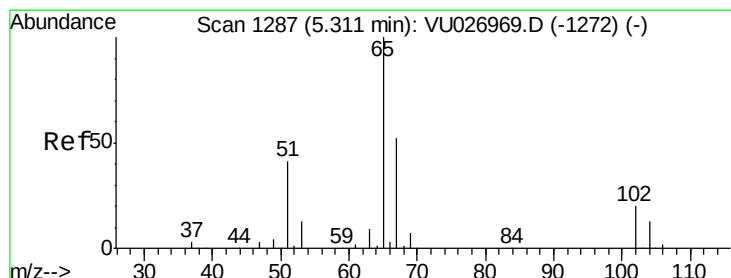
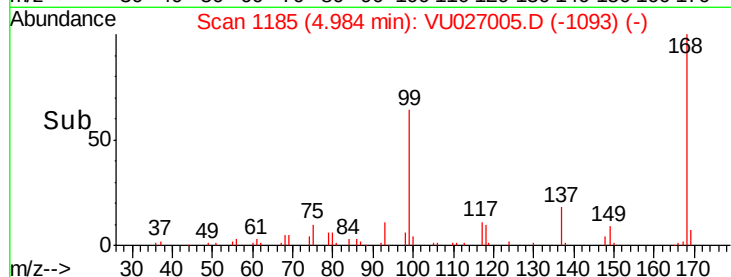
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.416 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027005.D

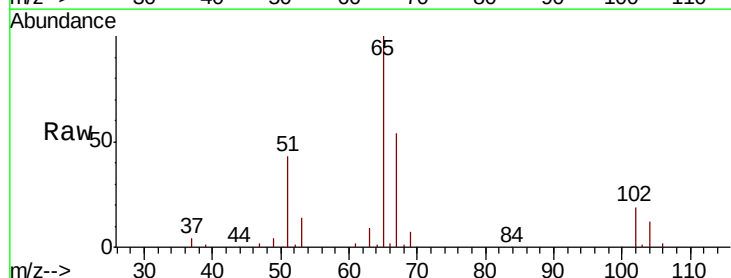
Acq: 22 Sep 2018 08:28

Tgt Ion: 65 Resp: 87149

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

40000

30000

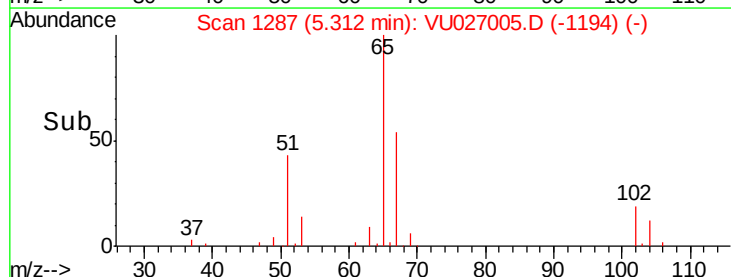
20000

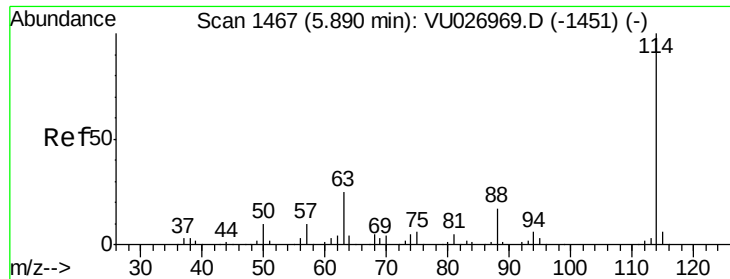
10000

0

5.20 5.30 5.40

Time-->

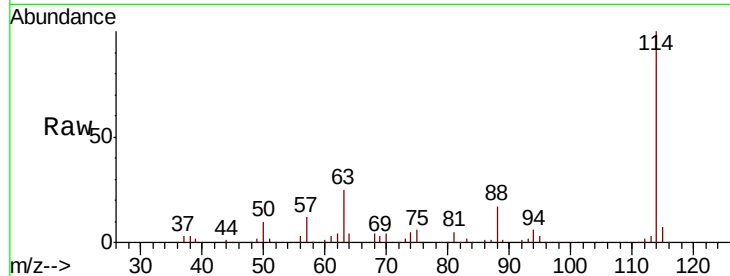




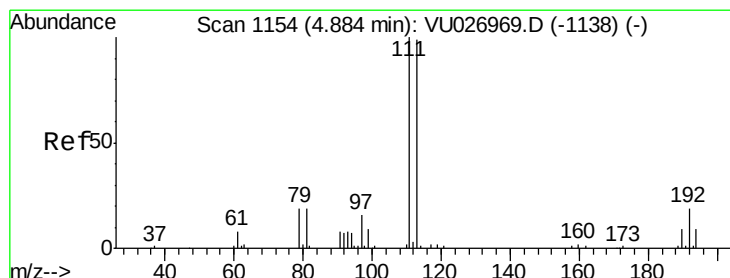
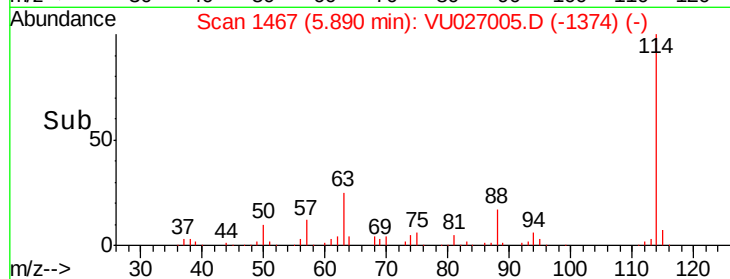
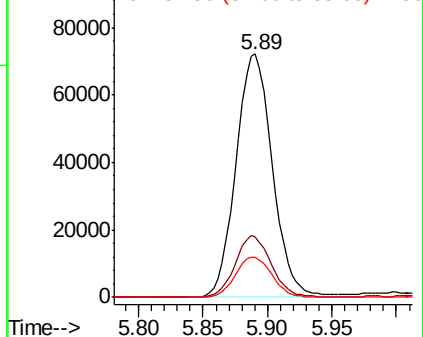
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027005.D
 Acq: 22 Sep 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ157I-20180913

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.6	0.0	33.8

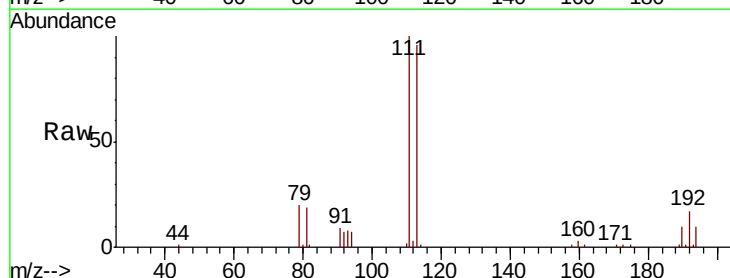


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

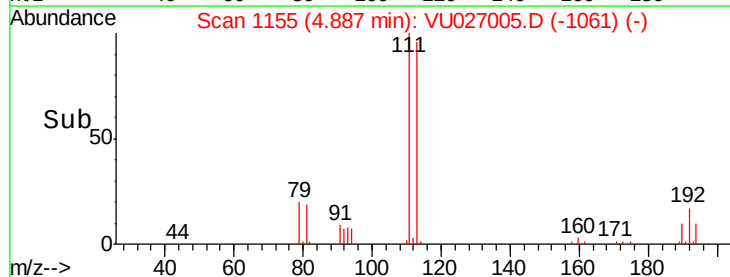
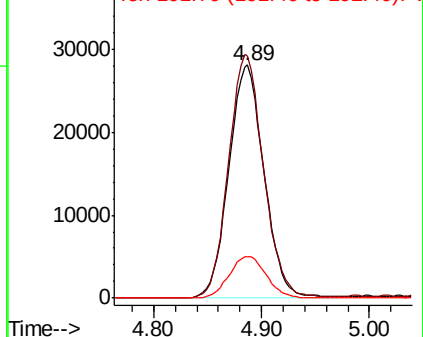


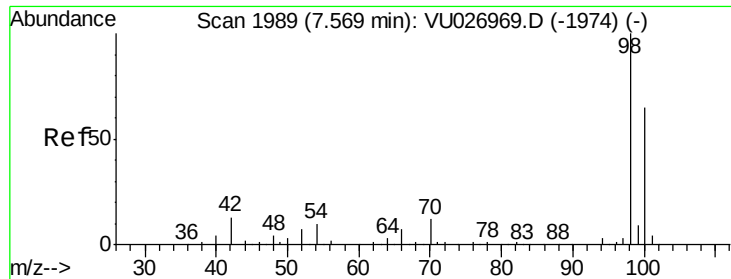
#35
 Dibromofluoromethane
 Concen: 52.035 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027005.D
 Acq: 22 Sep 2018 08:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.6	15.2	22.8



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

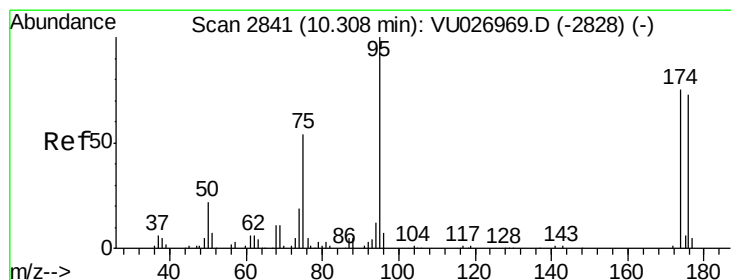
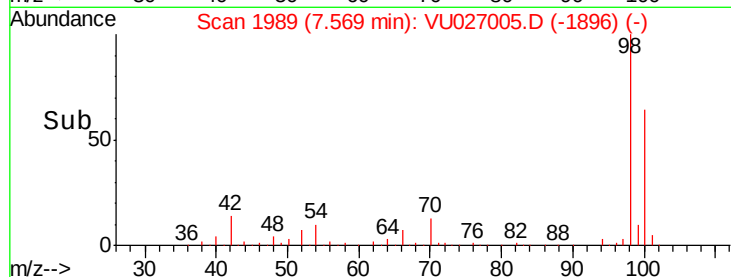
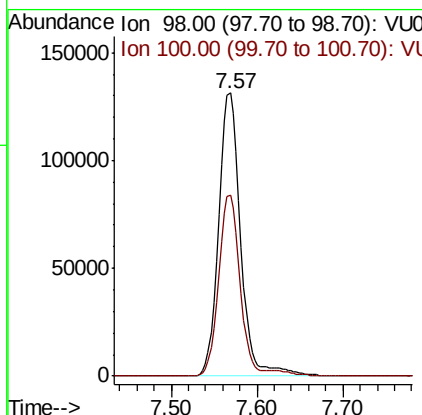
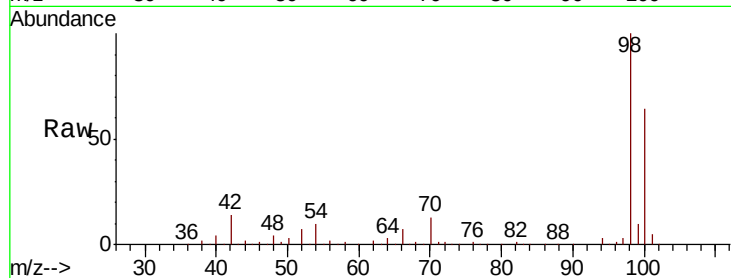




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027005.D
Acq: 22 Sep 2018 08:28

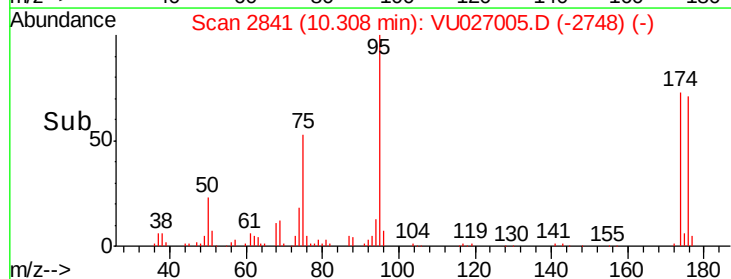
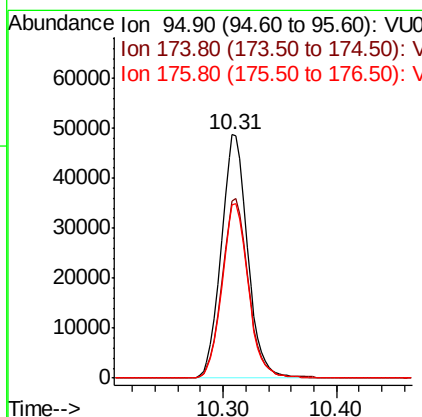
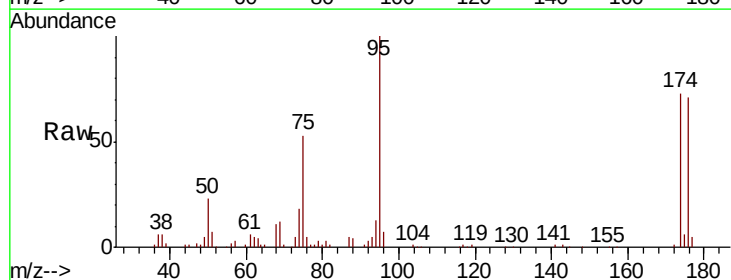
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ157I-20180913

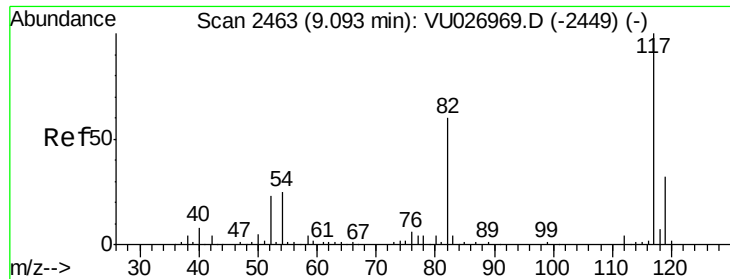
Tot Ion: 98 Resp: 233945
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027005.D
Acq: 22 Sep 2018 08:28

Tgt Ion: 95 Resp: 79190
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.2
176 71.2 0.0 145.2

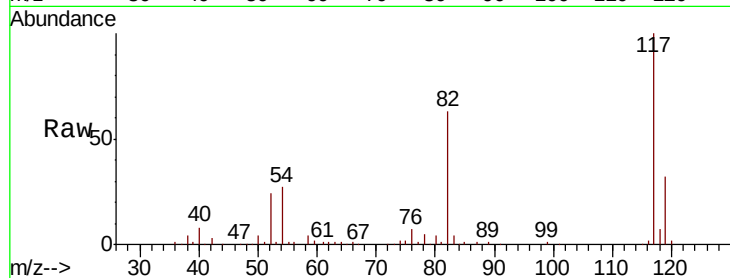




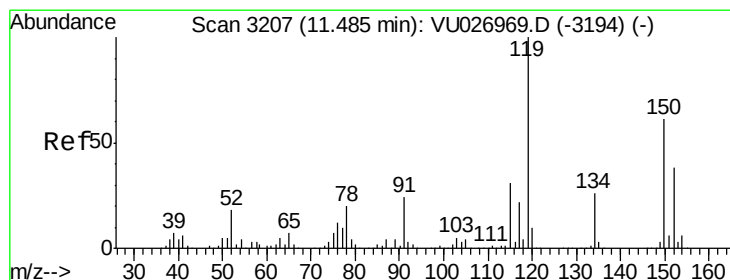
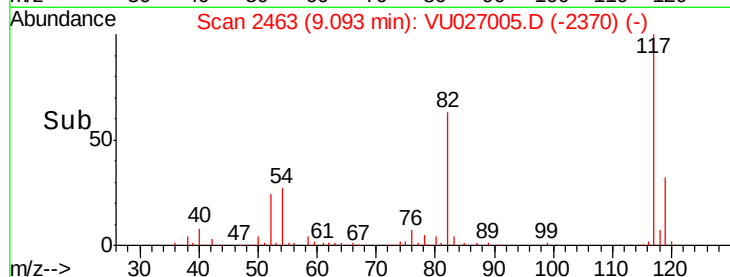
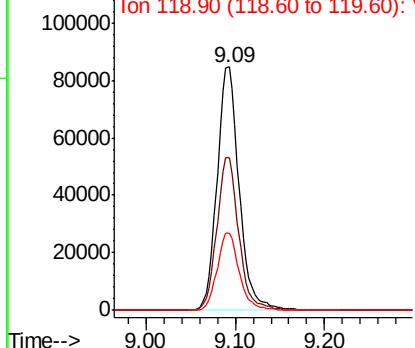
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027005.D
Acq: 22 Sep 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ157I-20180913

Tot Ion:117 Resp: 145330
Ion Ratio Lower Upper
117 100
82 62.5 48.0 72.0
119 31.8 25.8 38.8

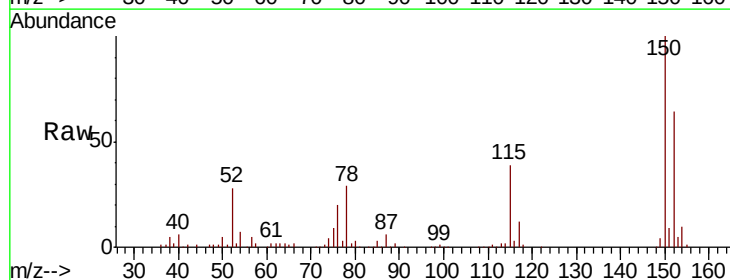


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027005.D
Acq: 22 Sep 2018 08:28

Tgt Ion:152 Resp: 70056
Ion Ratio Lower Upper
152 100
115 60.6 44.9 134.5
150 156.1 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

