

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027060.D
 Acq On : 23 Sep 2018 09:12
 Operator : MD/SY
 Sample : J4963-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ12311-20180914

Quant Time: Sep 24 07:05:17 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	4.99	168	91551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	98142	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
35) Dibromofluoromethane	4.89	113	67737	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	7.57	98	254119	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	10.31	95	81145	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	

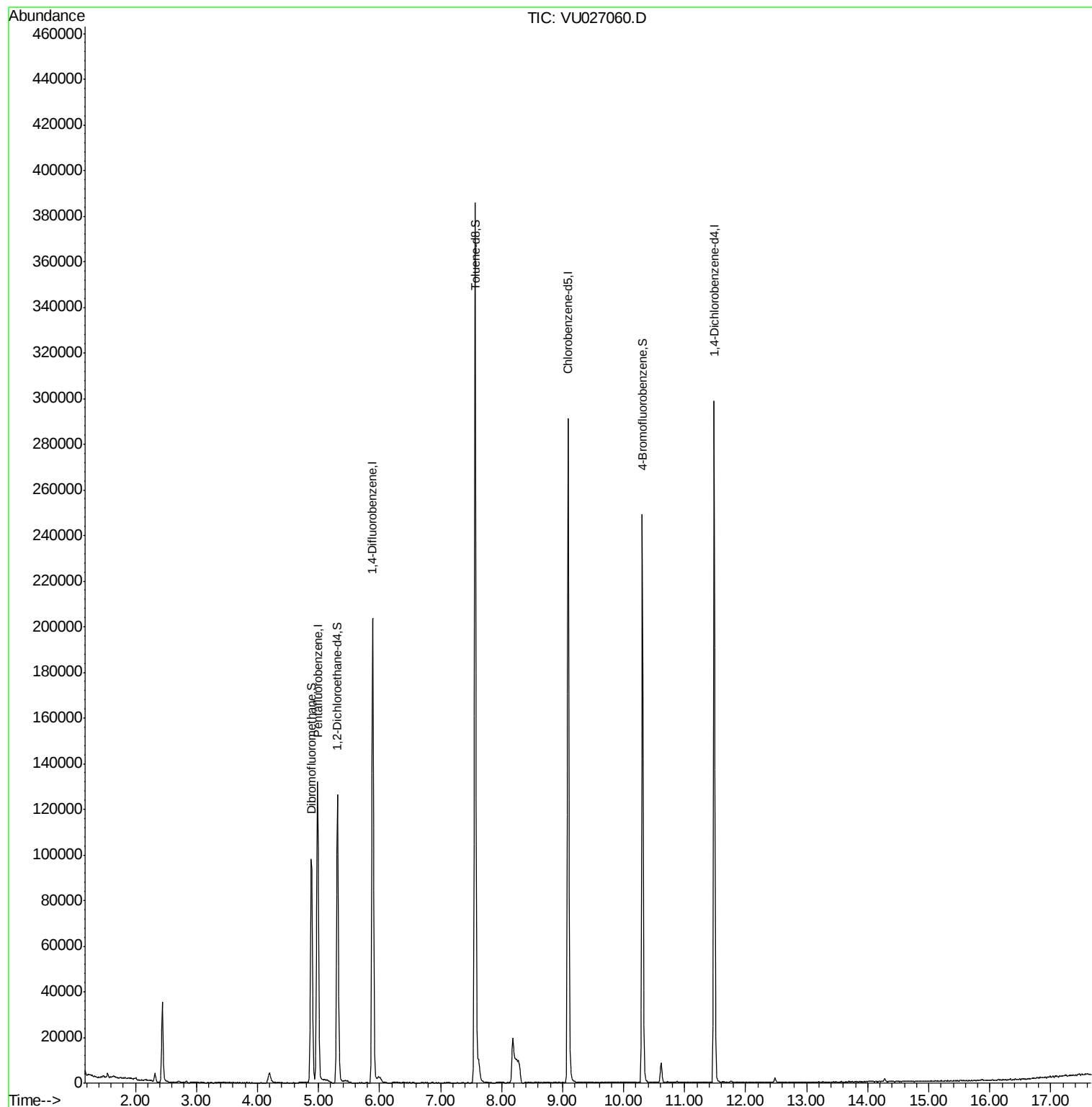
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027060.D

Acq: 23 Sep 2018 09:12

Instrument :

MSVOA_U

ClientSampleId :

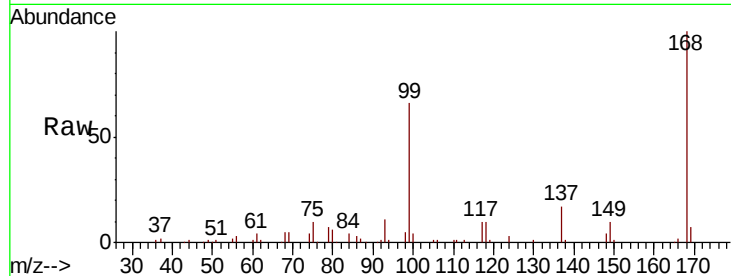
SA-PZ123I1-20180914

Tot Ion:168 Resp: 91551

Ion Ratio Lower Upper

168 100

99 66.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027060.D (-1093) (-)

4.99

40000

30000

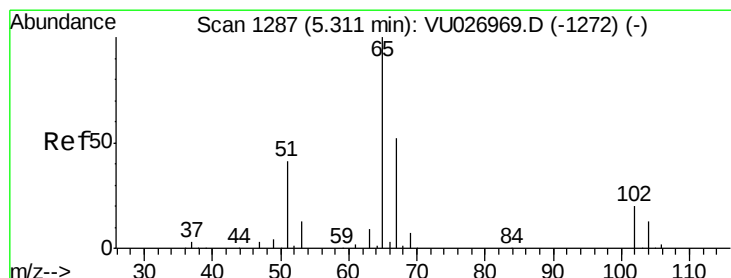
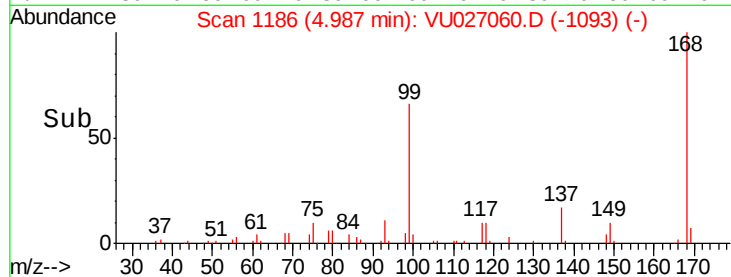
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.262 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027060.D

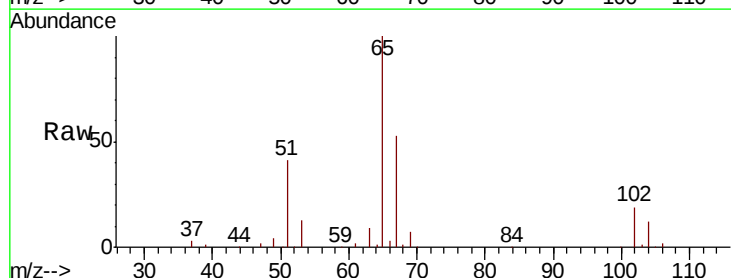
Acq: 23 Sep 2018 09:12

Tgt Ion: 65 Resp: 98142

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



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

Ion 66.90 (66.60 to 67.60): VU027060.D (-1194) (-)

5.31

50000

40000

30000

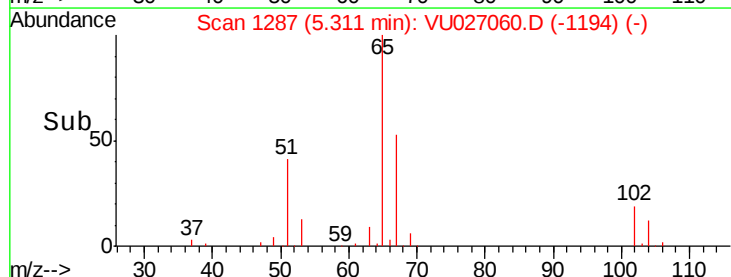
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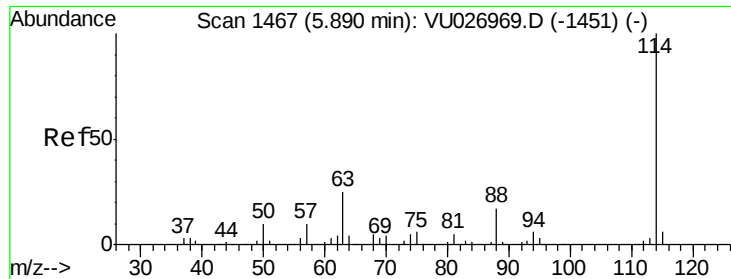
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0

5.20 5.30 5.40

Time-->

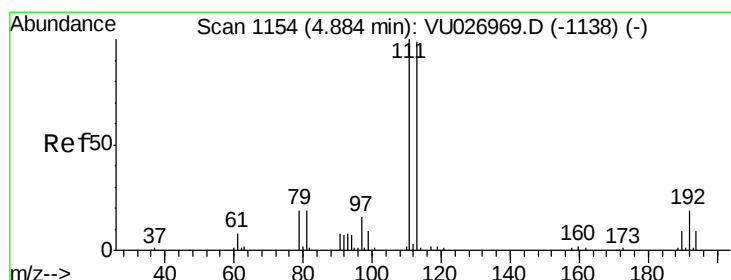
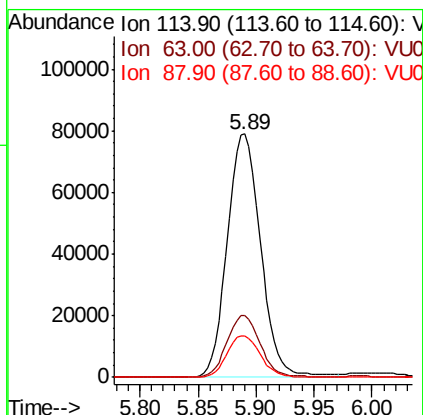
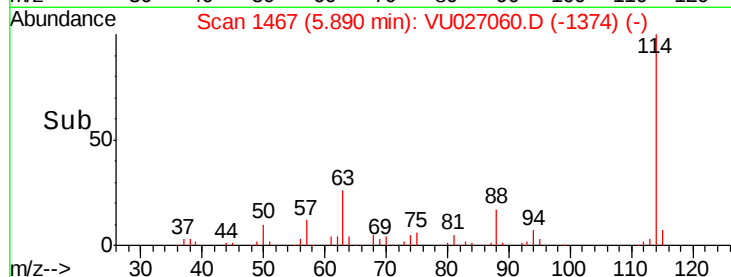
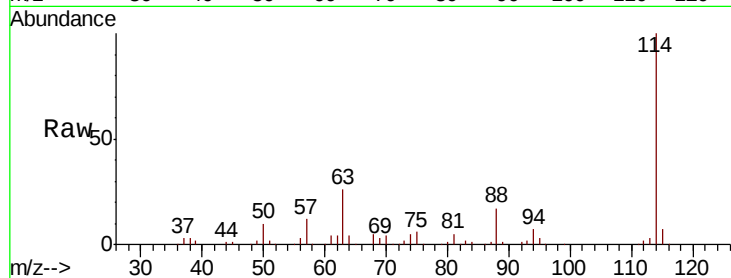




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

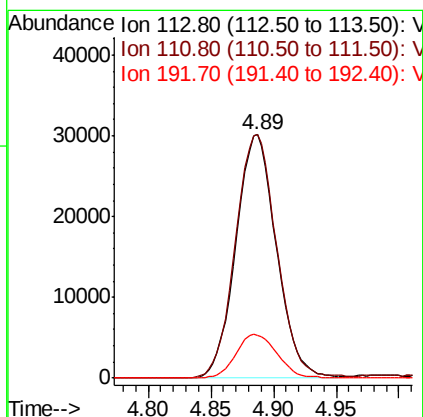
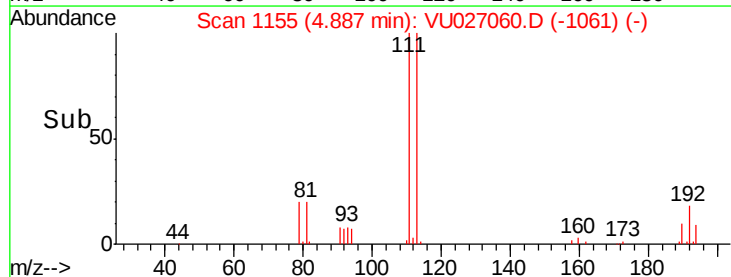
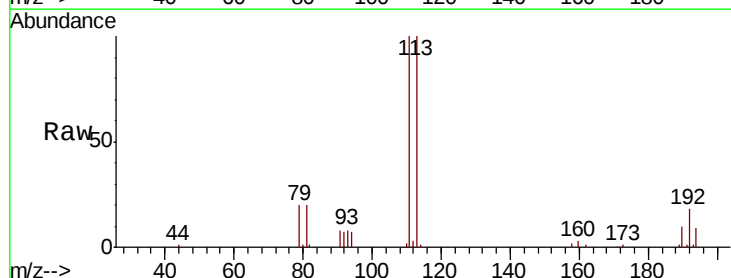
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I1-20180914

Tot Ion:114 Resp: 158253
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.380 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

Tgt Ion:113 Resp: 67737
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 18.2 15.2 22.8

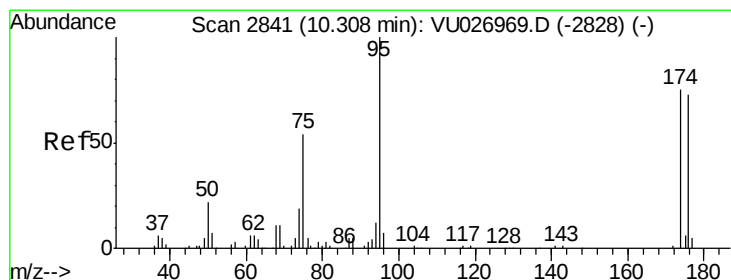
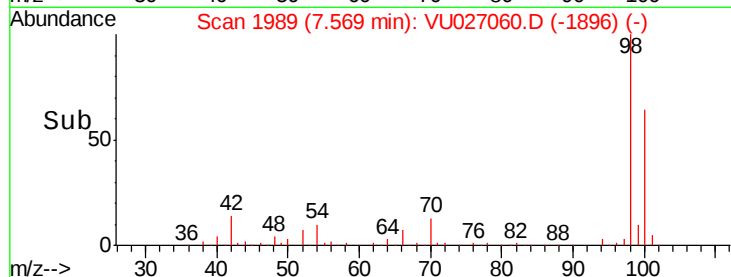
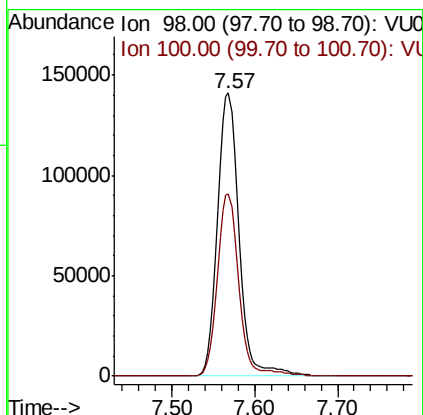
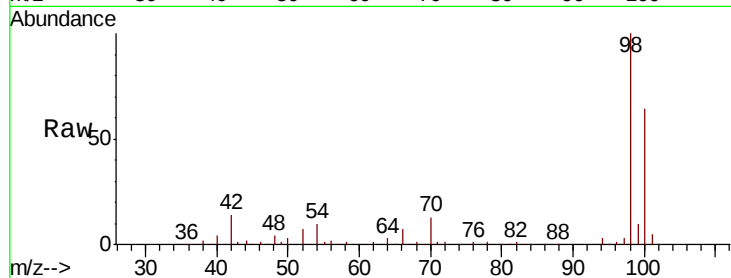




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

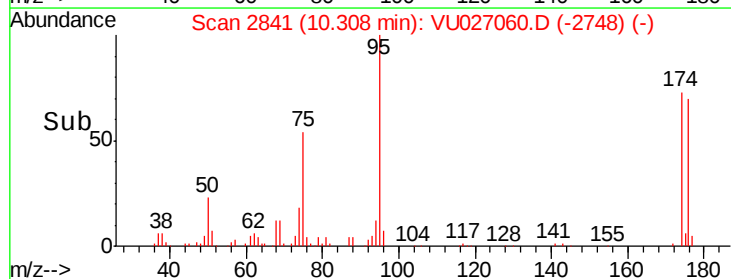
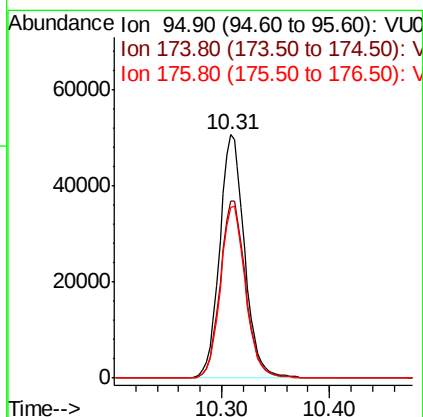
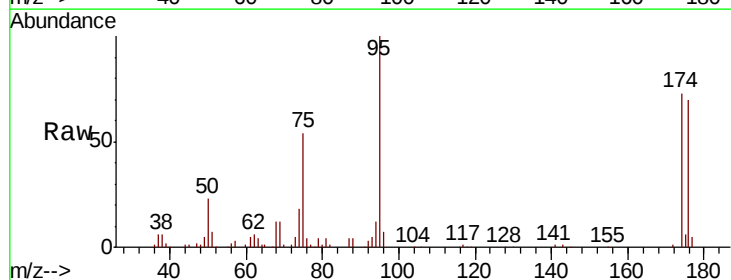
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

Tot Ion: 98 Resp: 254119
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion: 95 Resp: 81145
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 71.0 0.0 145.2

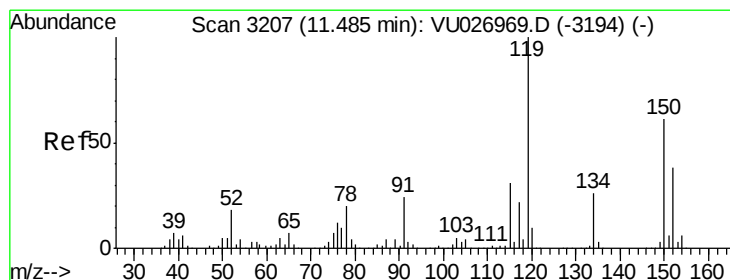
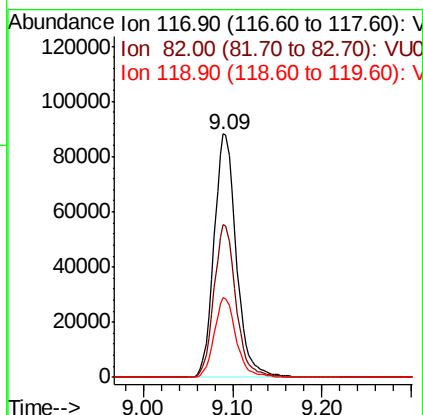
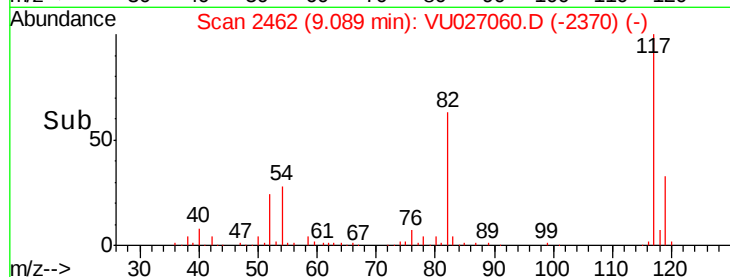
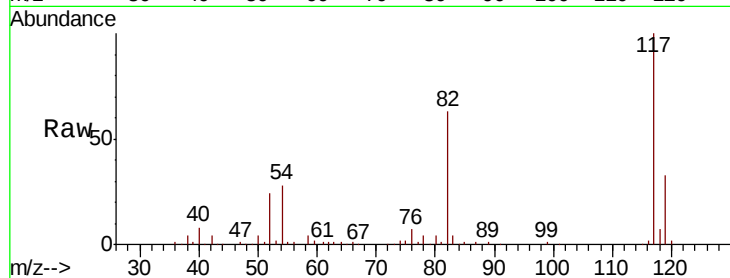




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

Tot Ion:117 Resp: 153030
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion:152 Resp: 70335
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 156.1 0.0 355.8

