

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027098.D
 Acq On : 24 Sep 2018 11:07
 Operator : MD/SY
 Sample : J4980-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW304S-20180917

Quant Time: Sep 25 01:59:15 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	94162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159364	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	70363	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	97794	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	4.89	113	67108	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	7.57	98	258767	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	10.31	95	82848	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	

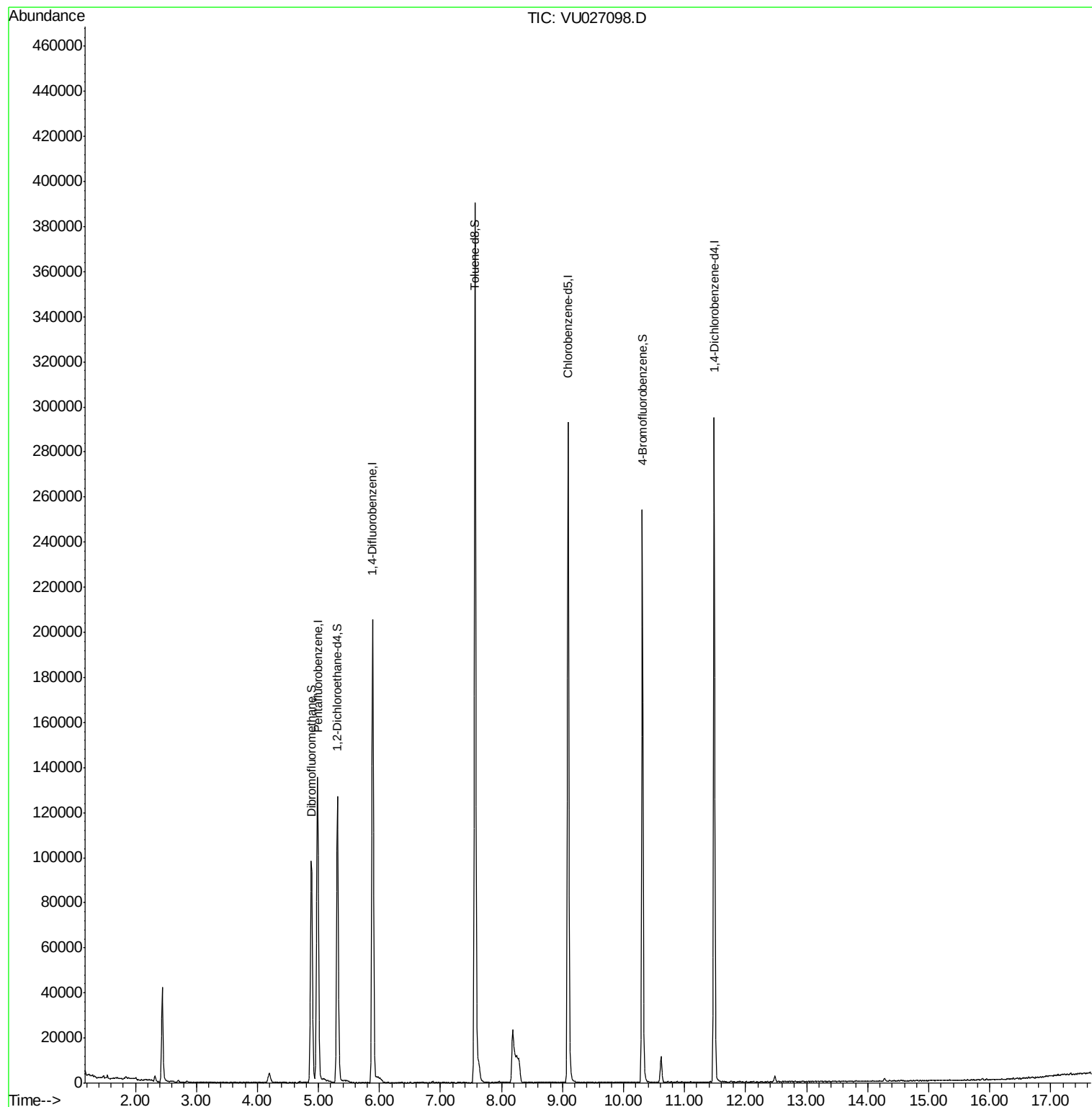
Target Compounds	Qvalue
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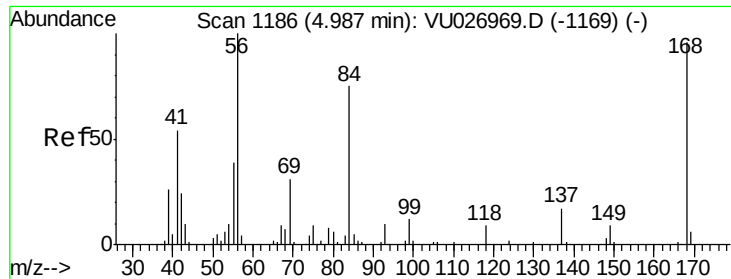
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027098.D

Acq: 24 Sep 2018 11:07

Instrument :

MSVOA_U

ClientSampleId :

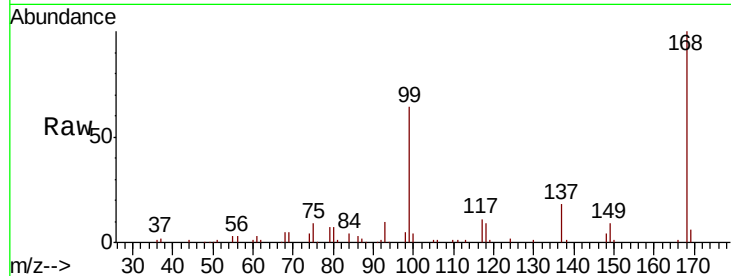
BPSI-TT-MW304S-20180917

Tot Ion:168 Resp: 94162

Ion Ratio Lower Upper

168 100

99 63.7 48.1 72.1



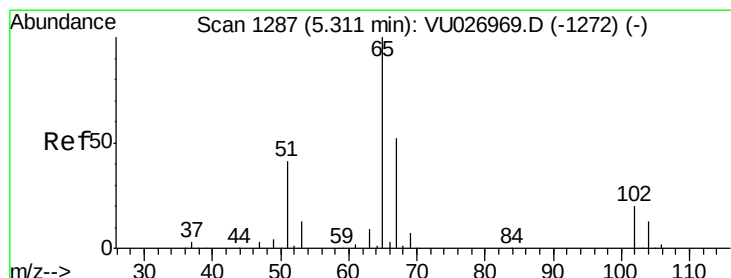
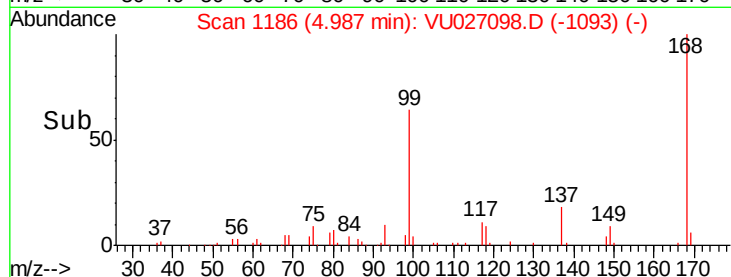
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.602 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027098.D

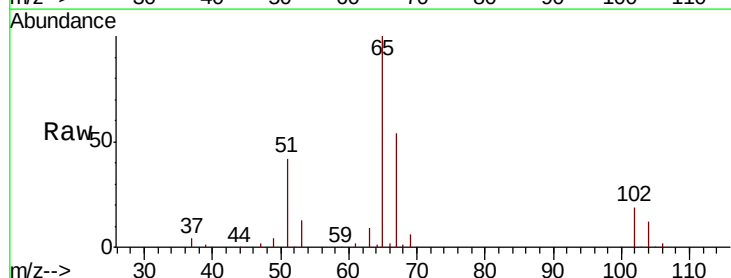
Acq: 24 Sep 2018 11:07

Tgt Ion: 65 Resp: 97794

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6



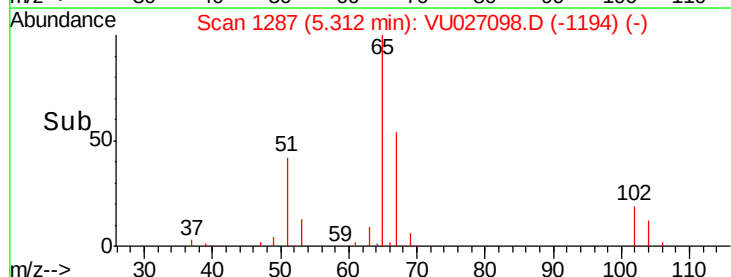
Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

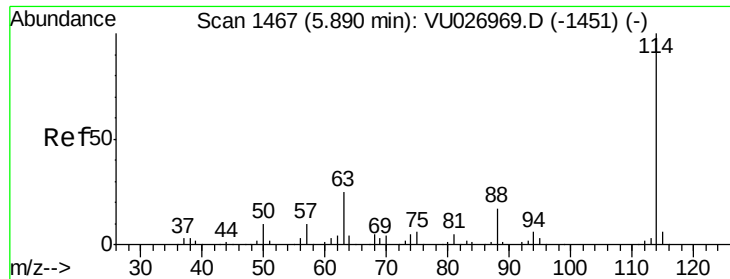
Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

5.25 5.30 5.35 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: VU027098.D

Acq: 24 Sep 2018 11:07

Instrument :

MSVOA_U

ClientSampleId :

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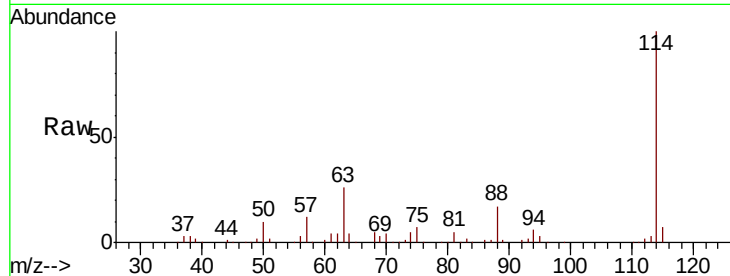
Tot Ion:114 Resp: 159364

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.2

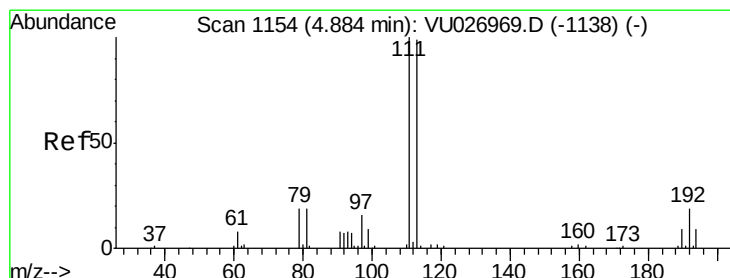
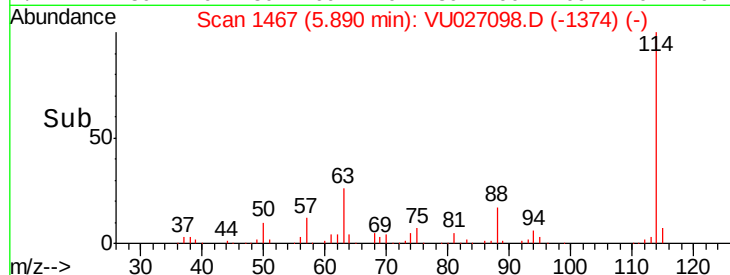
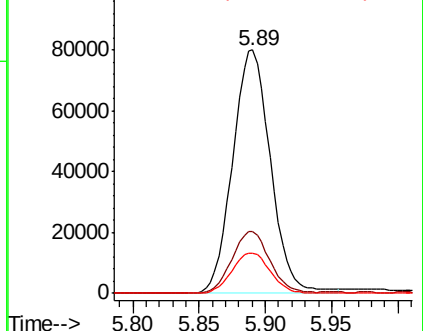
88 16.7 0.0 33.8



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: 48.581 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027098.D

Acq: 24 Sep 2018 11:07

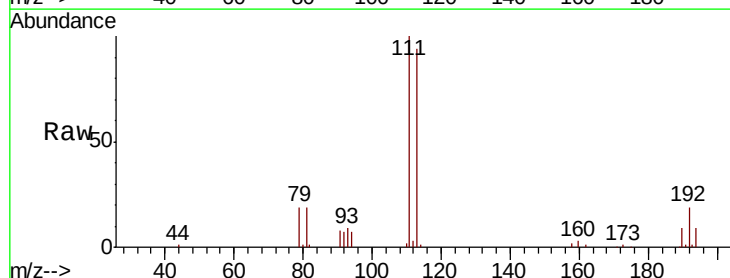
Tgt Ion:113 Resp: 67108

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

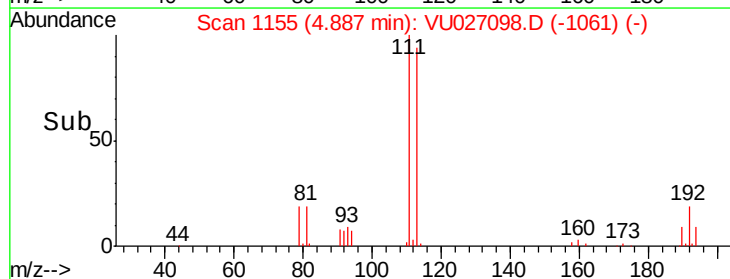
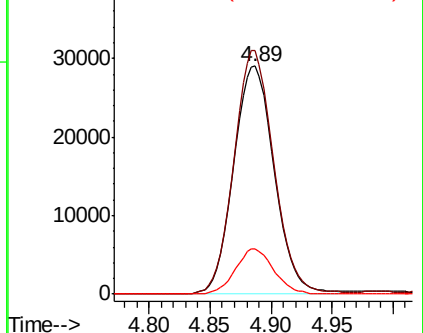
192 18.5 15.2 22.8

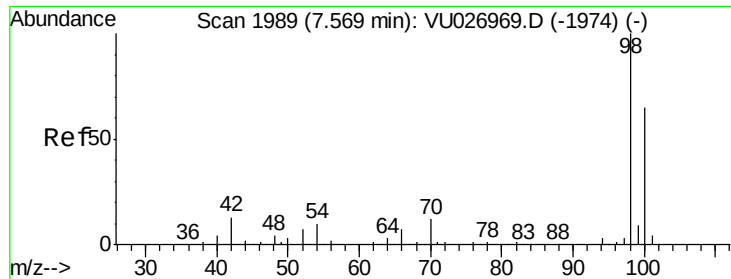


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

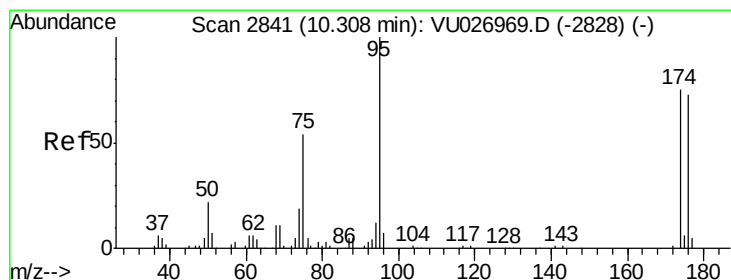
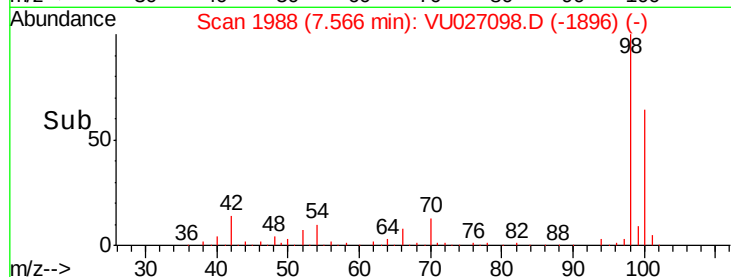
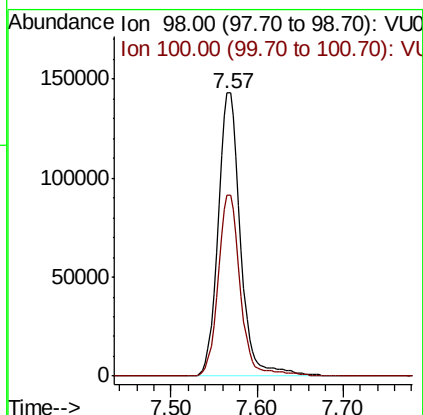
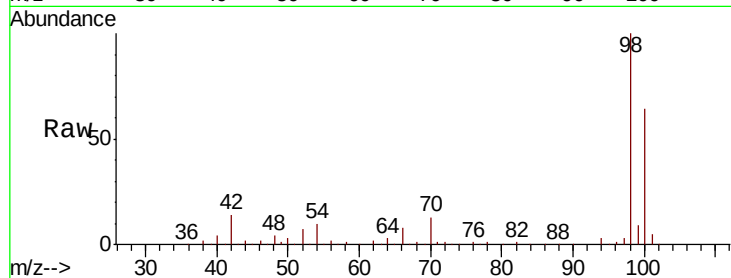




#50
Toluene-d8
Concen: 49.154 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027098.D
Acq: 24 Sep 2018 11:07

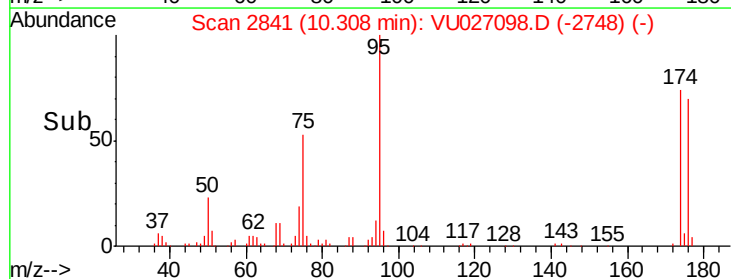
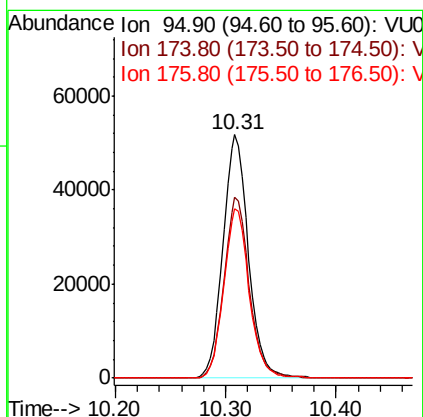
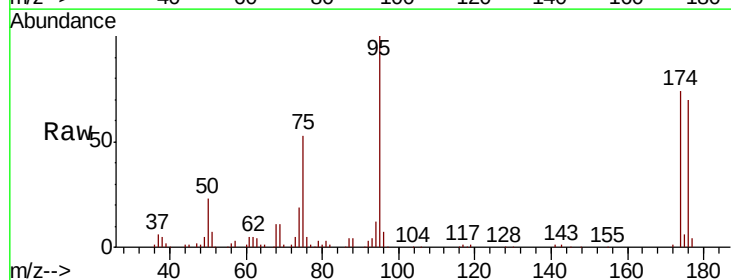
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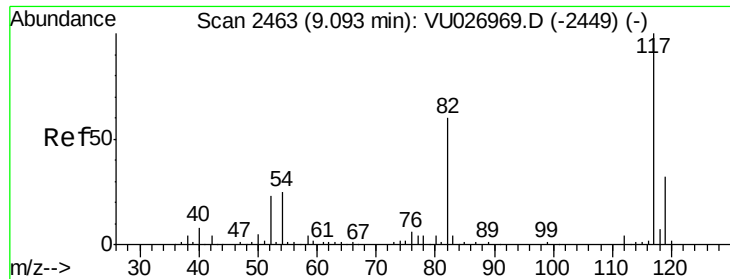
Tot Ion: 98 Resp: 258767
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.864 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027098.D
Acq: 24 Sep 2018 11:07

Tgt Ion: 95 Resp: 82848
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.2
176 69.5 0.0 145.2

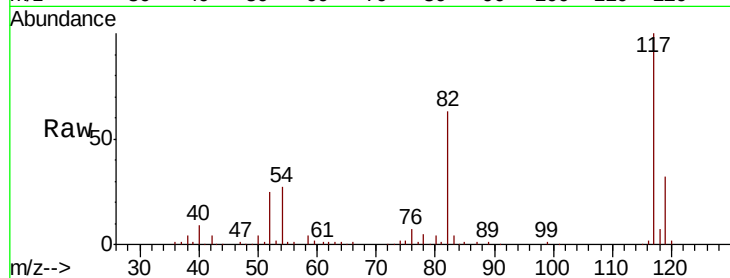




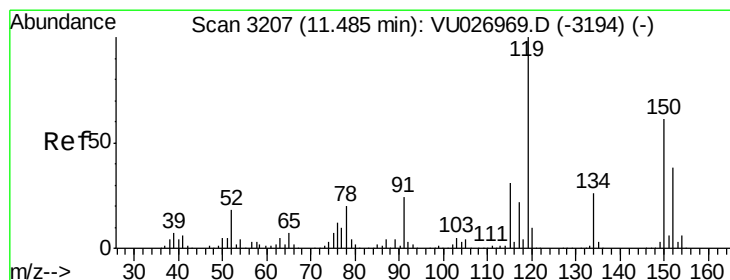
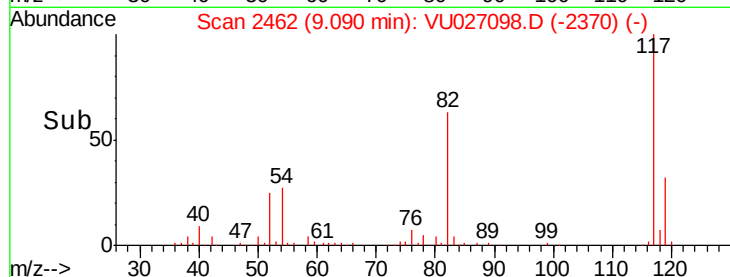
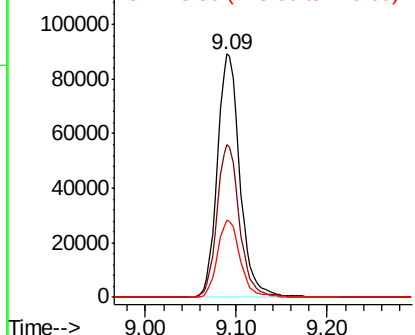
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027098.D
Acq: 24 Sep 2018 11:07

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW304S-20180917

Tot Ion:117 Resp: 153940
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 31.6 25.8 38.8

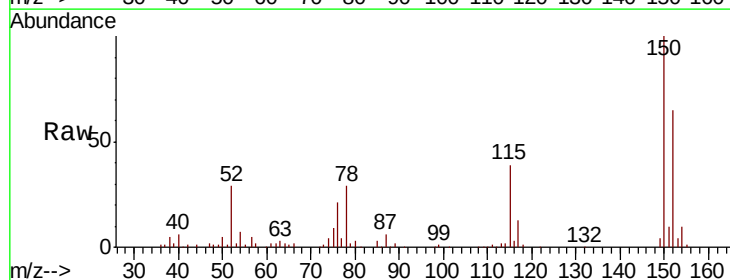


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027098.D
Acq: 24 Sep 2018 11:07

Tgt Ion:152 Resp: 70363
Ion Ratio Lower Upper
152 100
115 60.9 44.9 134.5
150 156.4 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

