

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027266.D
 Acq On : 28 Sep 2018 13:09
 Operator : MD/SY
 Sample : J5104-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-TB1

Quant Time: Oct 02 06:47:37 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	94657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	155025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98529	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	4.89	113	69156	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	7.57	98	258457	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.31	95	84332	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

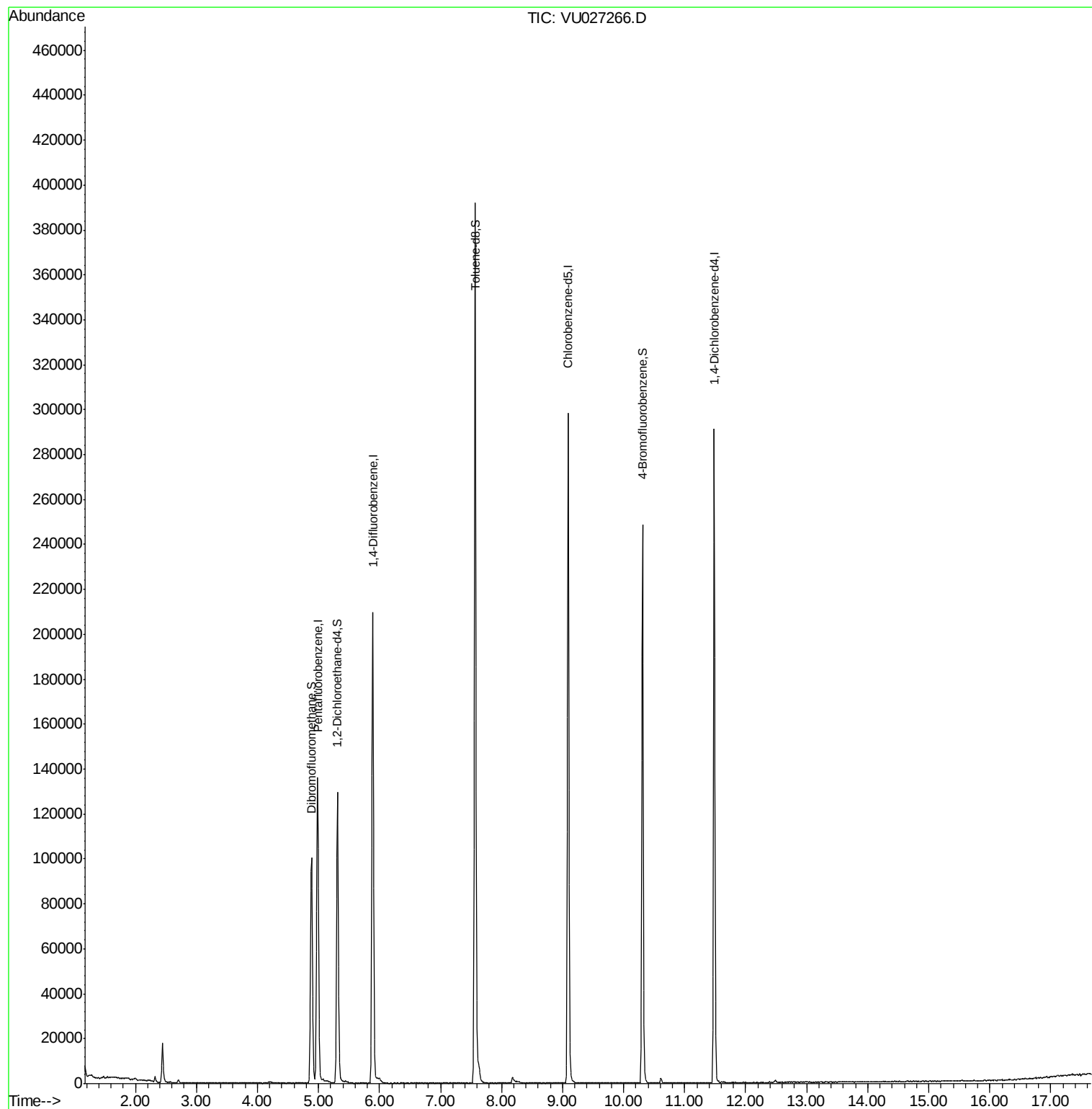
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027266.D

Acq: 28 Sep 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

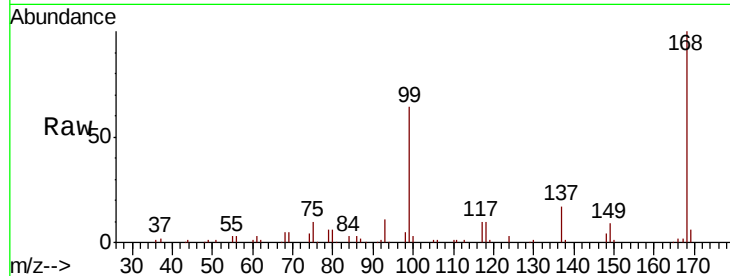
FA18-E5JEB5-TB1

Tot Ion:168 Resp: 94657

Ion Ratio Lower Upper

168 100

99 63.5 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

40000

30000

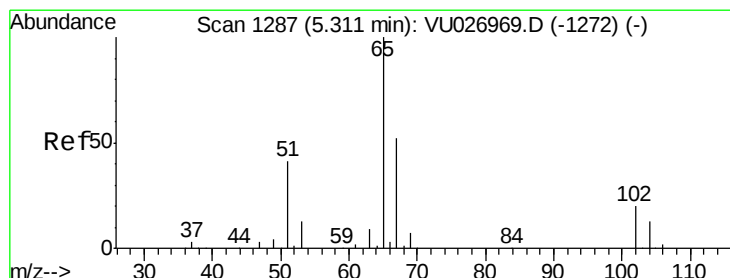
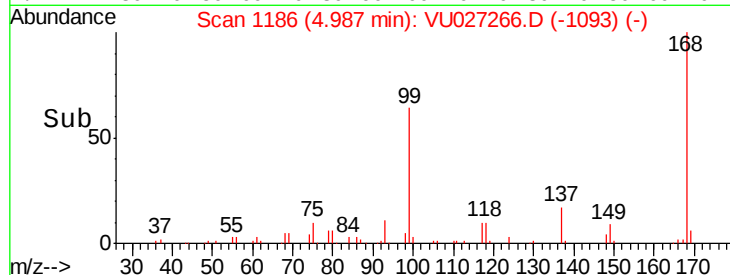
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.718 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027266.D

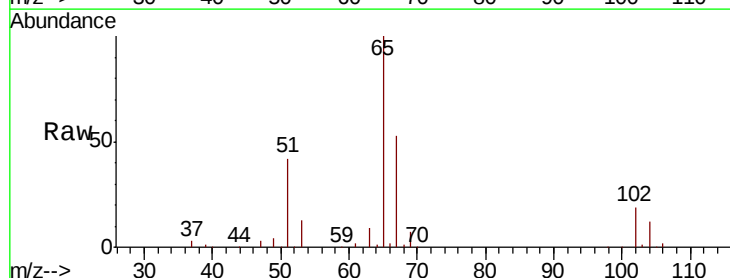
Acq: 28 Sep 2018 13:09

Tgt Ion: 65 Resp: 98529

Ion Ratio Lower Upper

65 100

67 53.5 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

50000

40000

30000

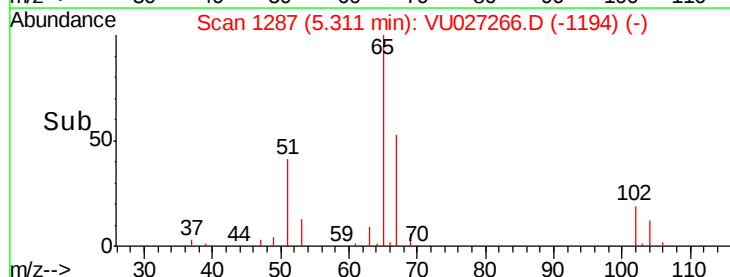
20000

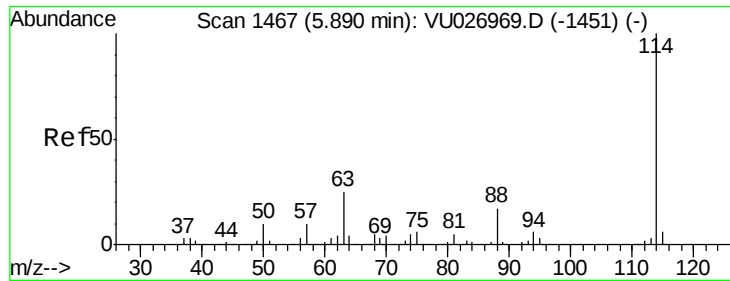
10000

0

5.20 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: VU027266.D

Acq: 28 Sep 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

FA18-E5JEB5-TB1

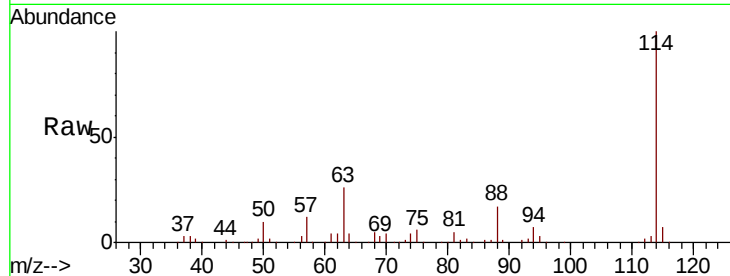
Tot Ion:114 Resp: 162700

Ion Ratio Lower Upper

114 100

63 25.8 0.0 49.2

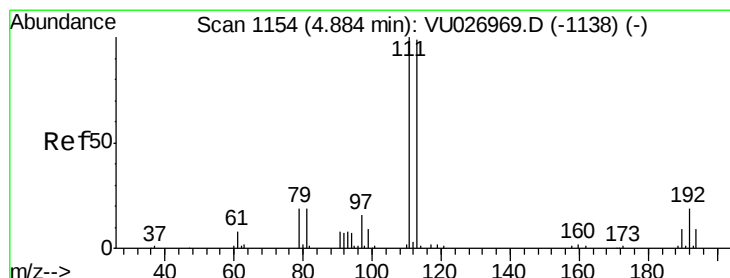
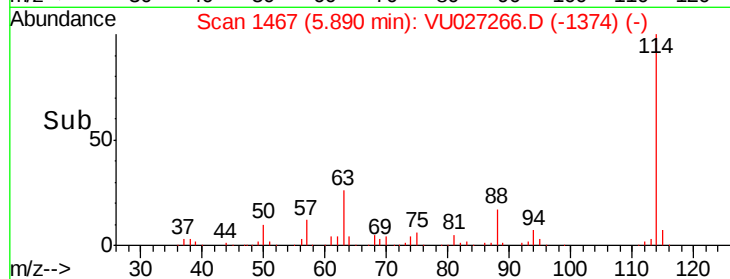
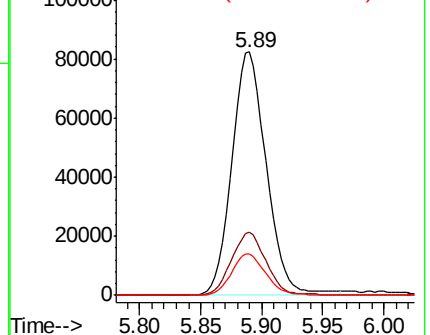
88 16.9 0.0 33.8



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: 49.037 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027266.D

Acq: 28 Sep 2018 13:09

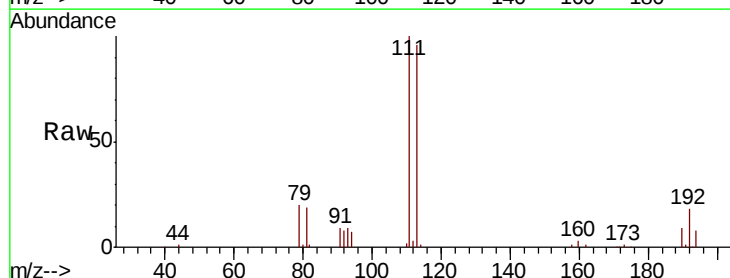
Tgt Ion:113 Resp: 69156

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

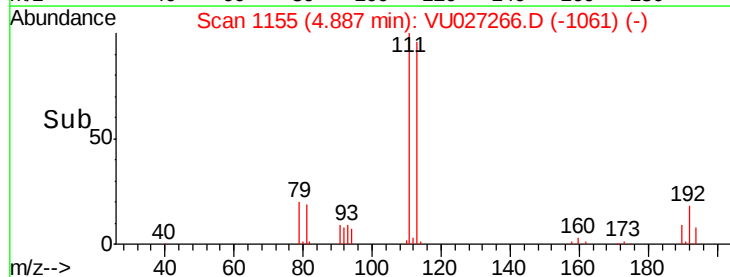
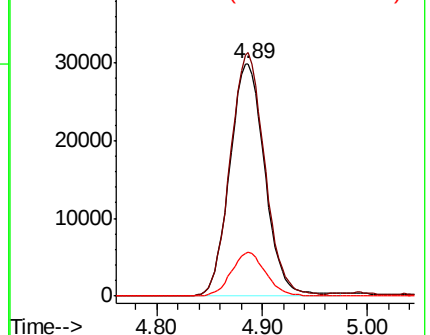
192 18.4 15.2 22.8



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

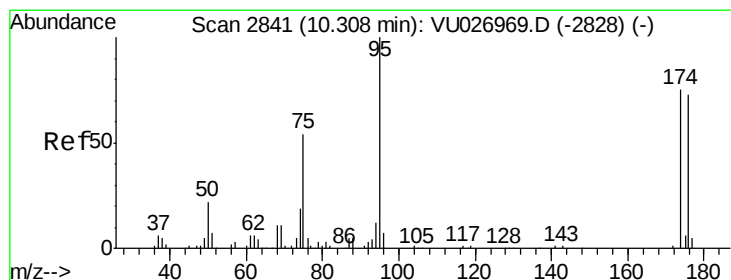
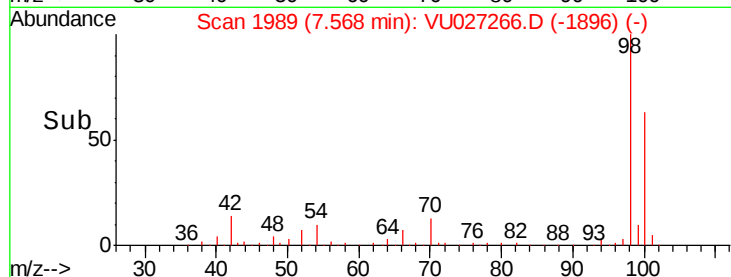
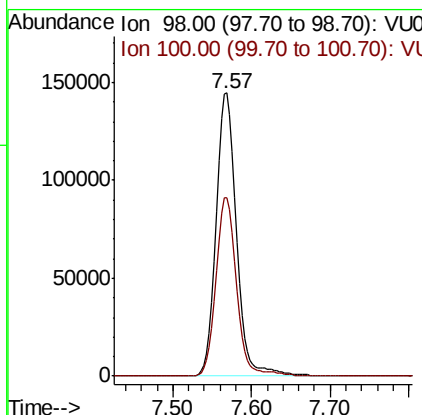
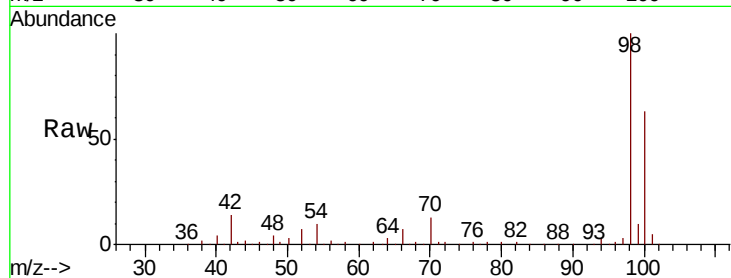




#50
Toluene-d8
Concen: 48.088 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

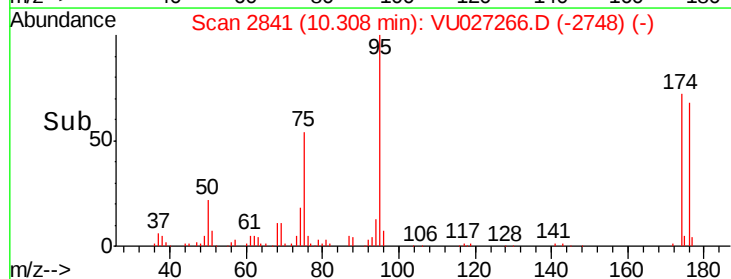
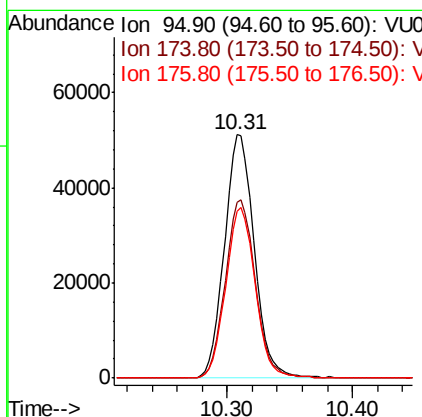
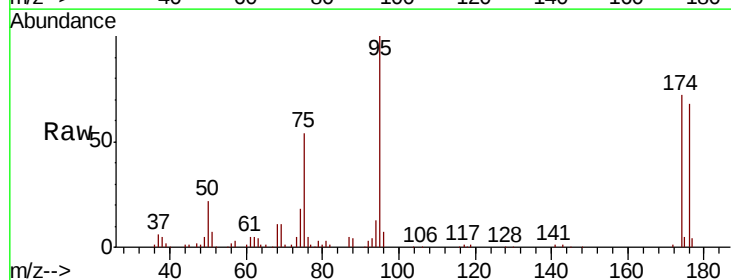
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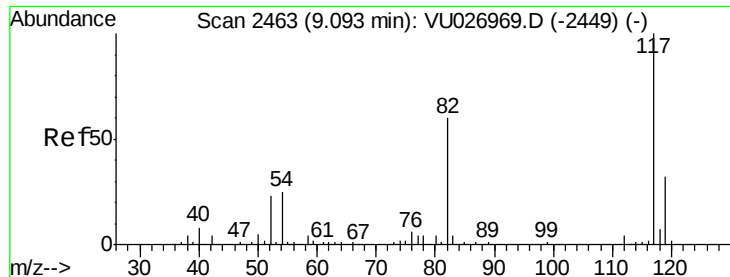
Tot Ion: 98 Resp: 258457
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.728 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion: 95 Resp: 84332
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.2
176 69.3 0.0 145.2

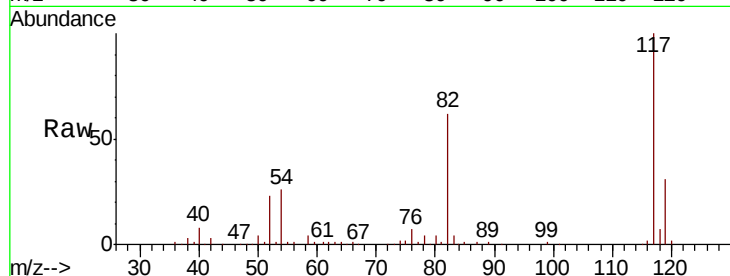




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.0	72.0
119	31.1	25.8	38.8

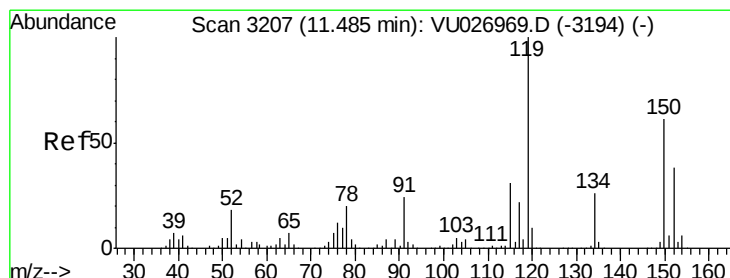
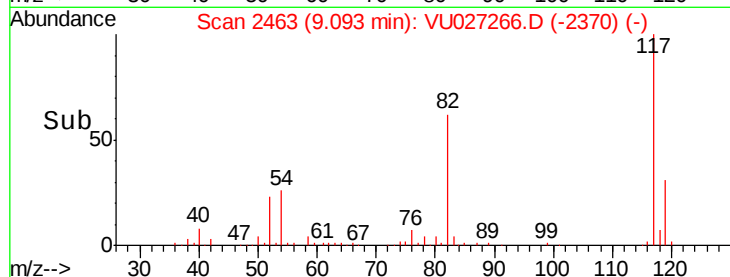
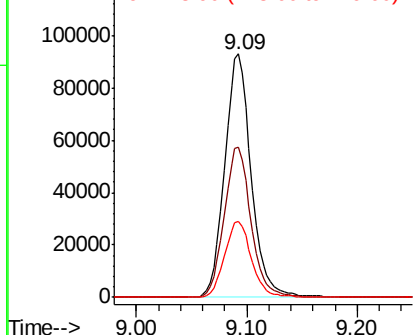


Abundance

Ion 116.90 (116.60 to 117.60): V

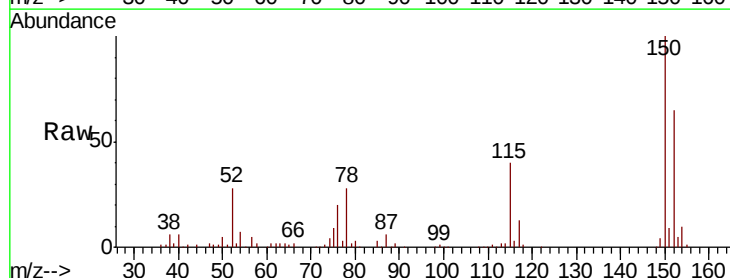
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.9	134.5
150	155.7	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

