

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027150.D
 Acq On : 26 Sep 2018 00:56
 Operator : MD/SY
 Sample : J4968-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ135I-20180916

Quant Time: Sep 26 07:10:41 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	90691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97212	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	4.88	113	66701	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	7.57	98	245973	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.31	95	76891	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	

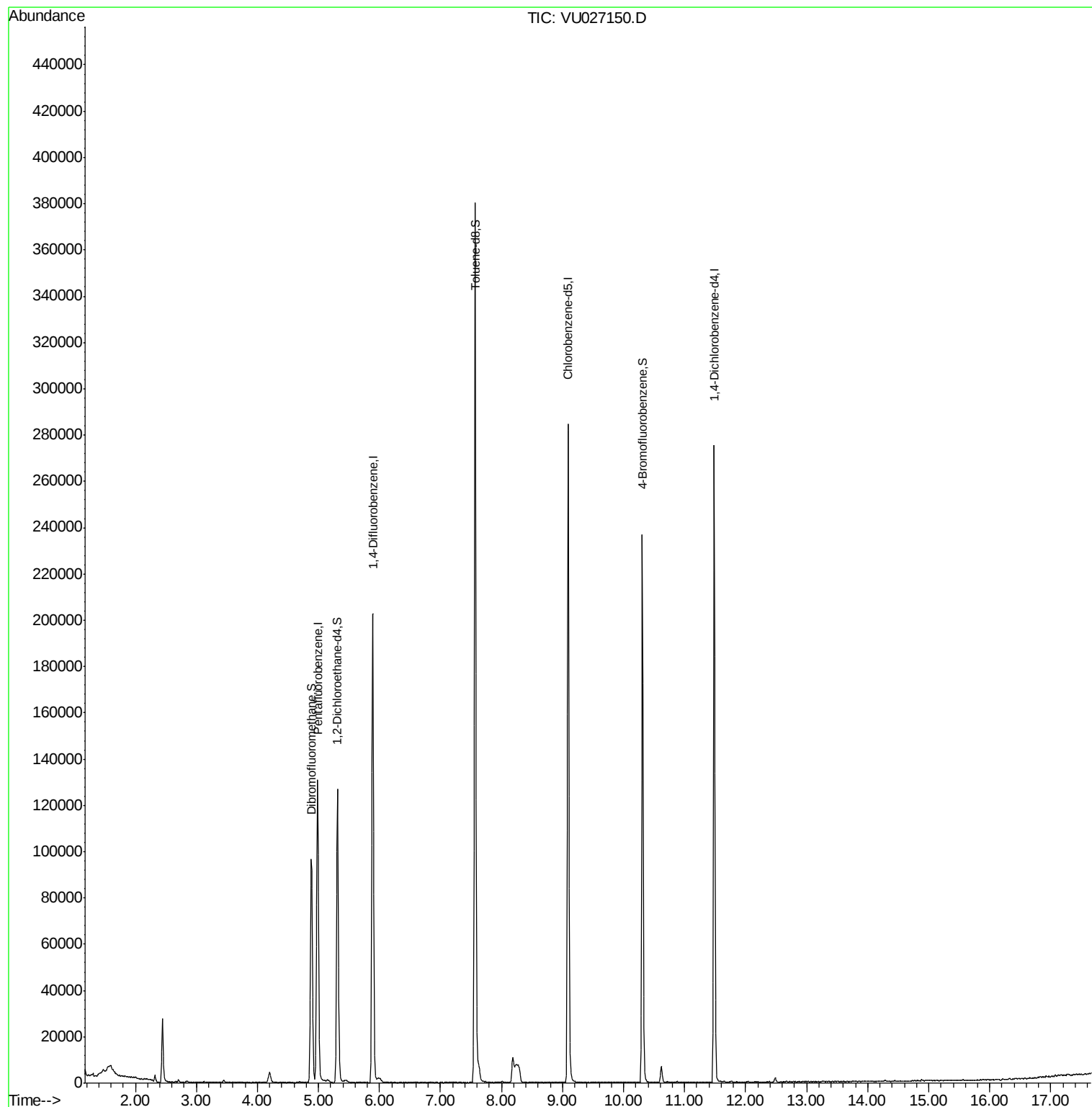
Target Compounds	Qvalue

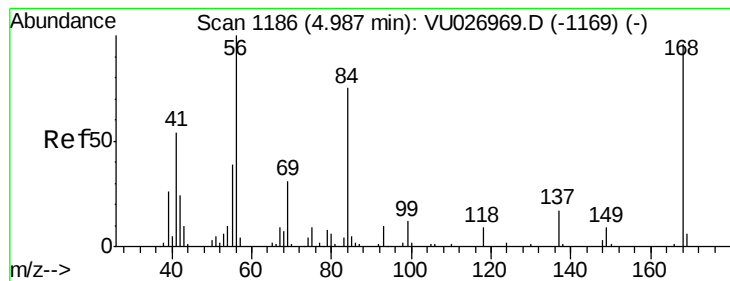
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027150.D

Acq: 26 Sep 2018 00:56

Instrument :

MSVOA_U

ClientSampleId :

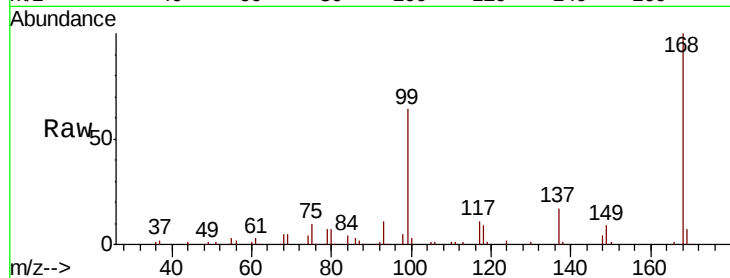
SA-PZ135I-20180916

Tot Ion:168 Resp: 90691

Ion Ratio Lower Upper

168 100

99 63.8 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

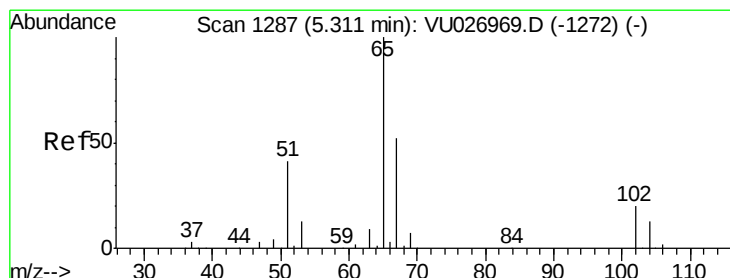
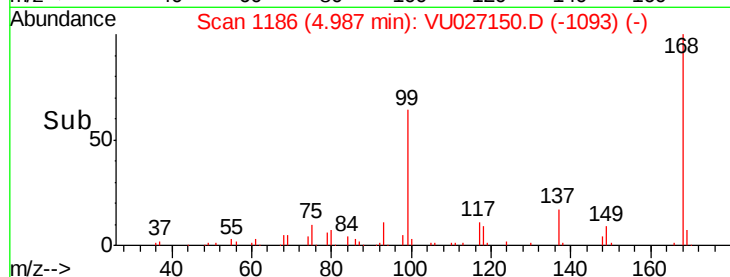
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.258 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027150.D

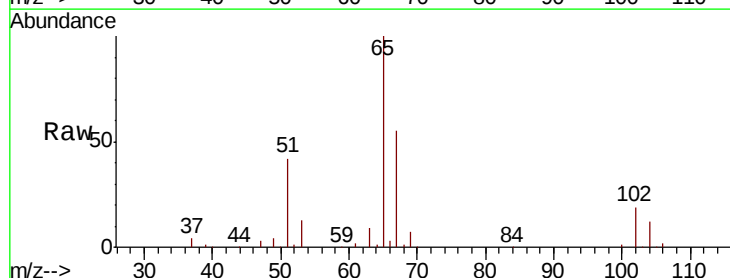
Acq: 26 Sep 2018 00:56

Tgt Ion: 65 Resp: 97212

Ion Ratio Lower Upper

65 100

67 53.7 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

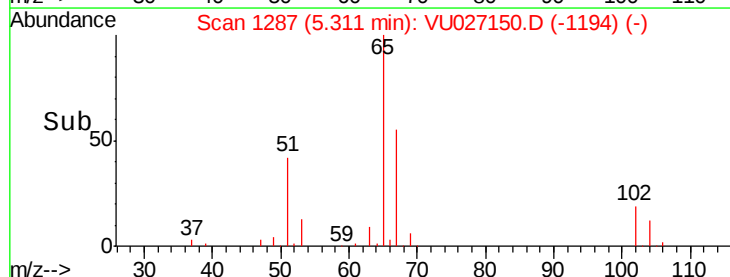
20000

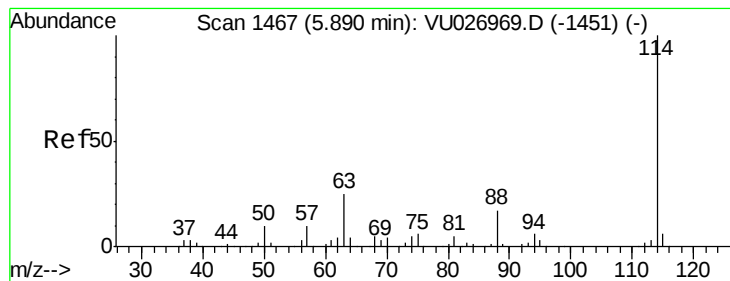
10000

0

5.20 5.30 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: VU027150.D

Acq: 26 Sep 2018 00:56

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ135I-20180916

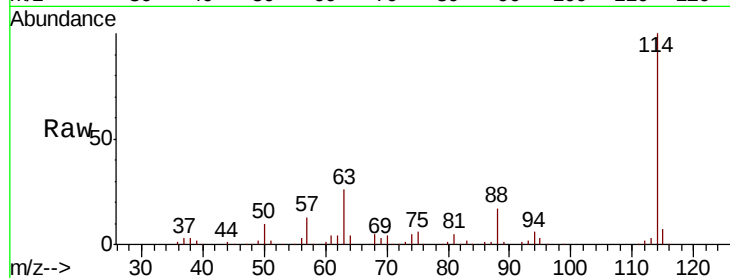
Tot Ion:114 Resp: 154082

Ion Ratio Lower Upper

114 100

63 26.3 0.0 49.2

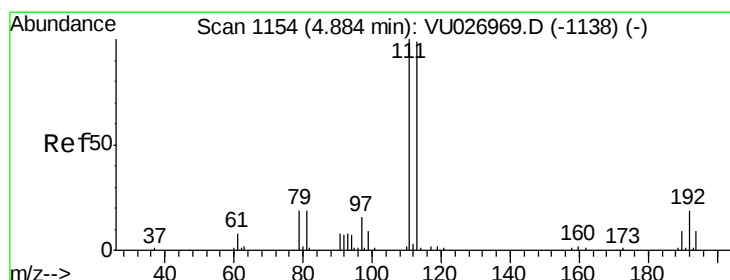
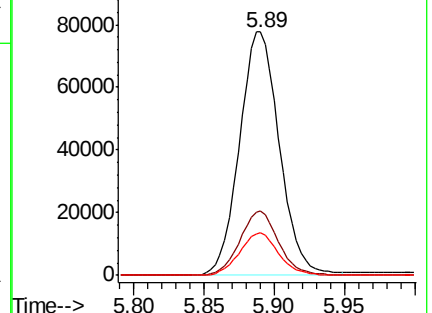
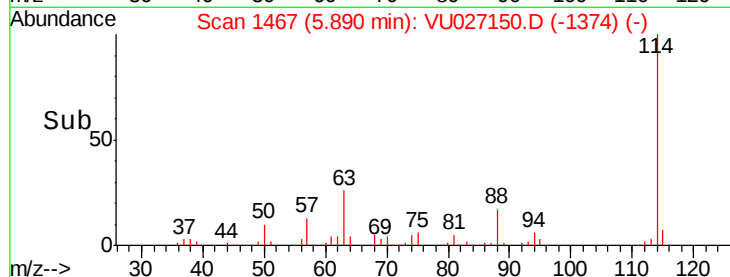
88 17.3 0.0 33.8



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: 49.941 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027150.D

Acq: 26 Sep 2018 00:56

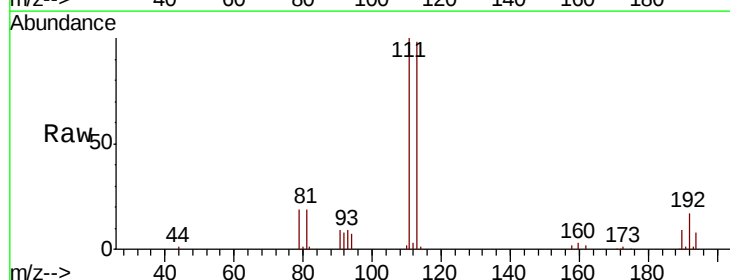
Tgt Ion:113 Resp: 66701

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

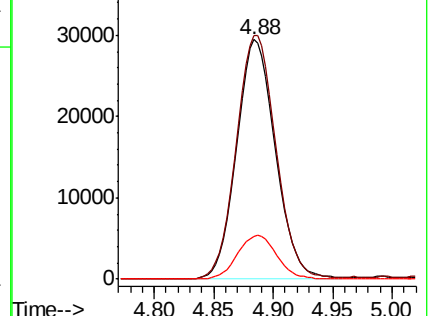
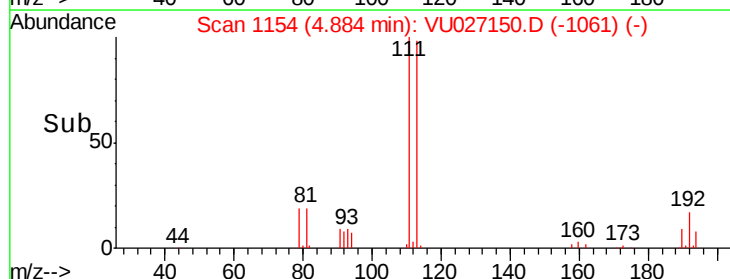
192 18.3 15.2 22.8



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

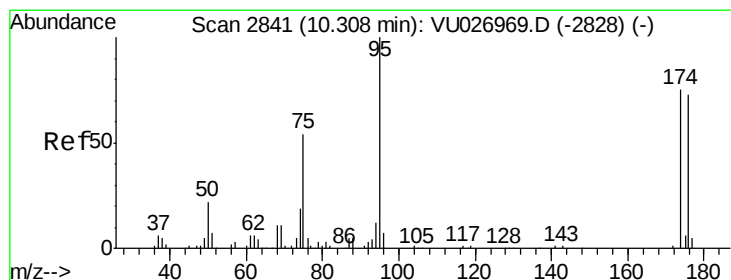
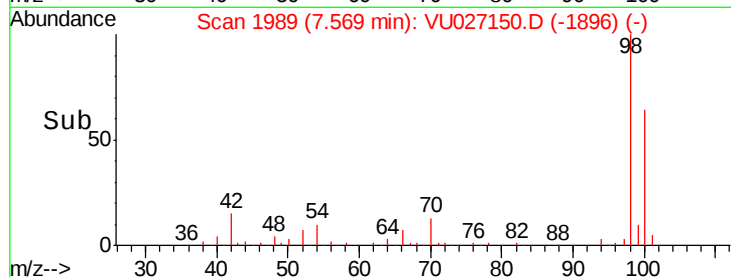
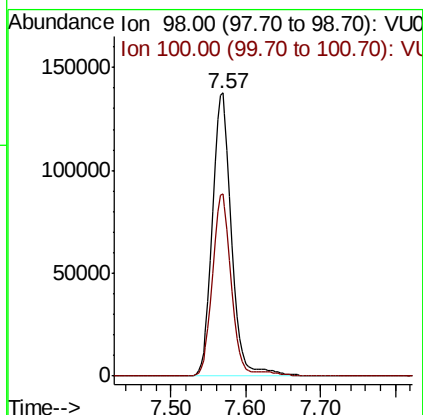
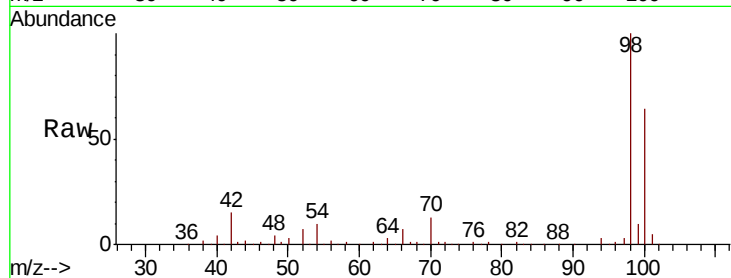




#50
Toluene-d8
Concen: 48.325 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027150.D
Acq: 26 Sep 2018 00:56

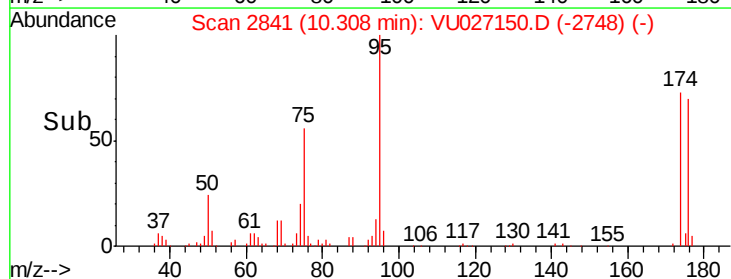
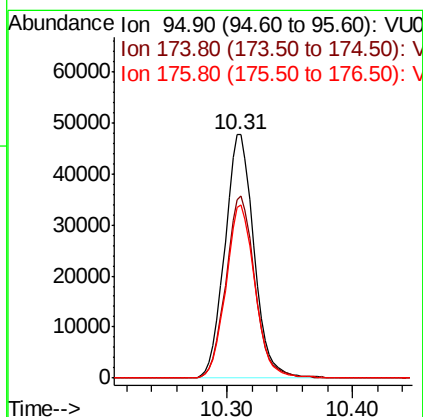
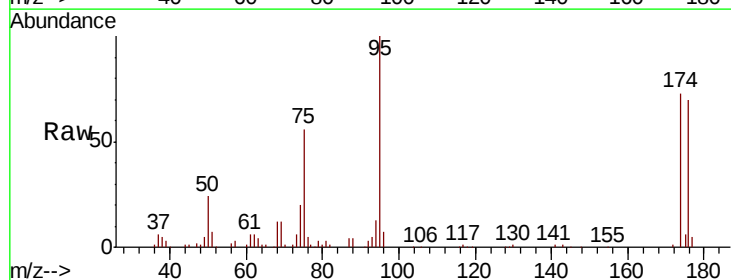
Instrument :
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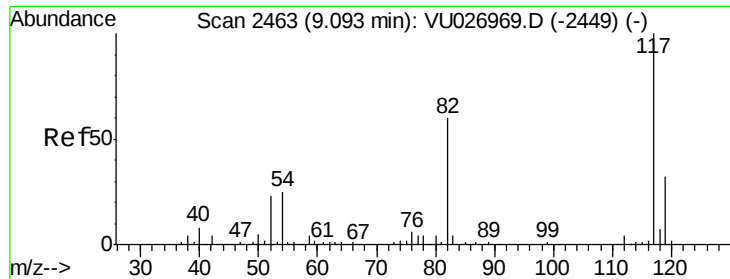
Tot Ion: 98 Resp: 245973
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.025 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027150.D
Acq: 26 Sep 2018 00:56

Tgt Ion: 95 Resp: 76891
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 70.7 0.0 145.2

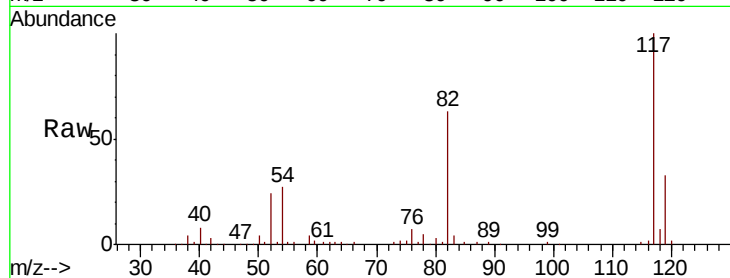




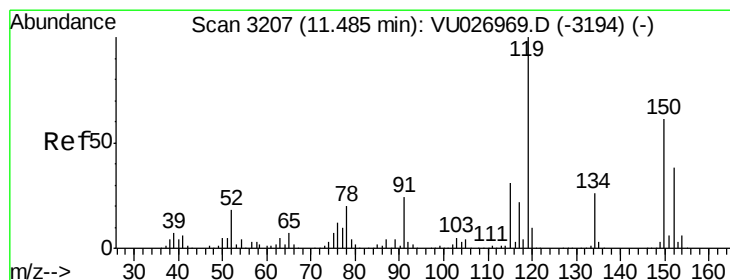
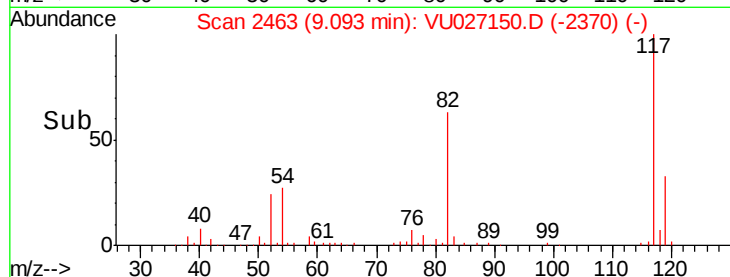
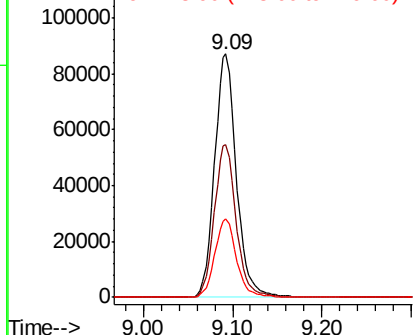
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027150.D
Acq: 26 Sep 2018 00:56

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ135I-20180916

Tot Ion:117 Resp: 147198
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 32.5 25.8 38.8

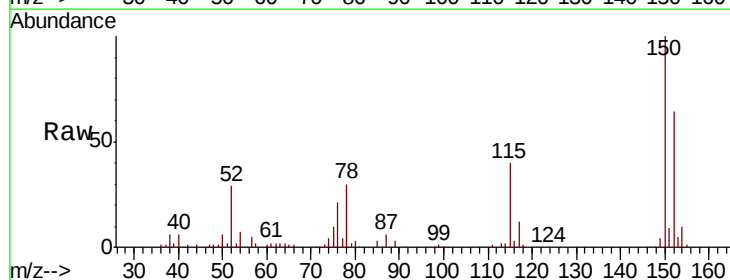


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027150.D
Acq: 26 Sep 2018 00:56

Tgt Ion:152 Resp: 65494
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 155.8 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU026969.D (-3194) (-)
Ion 149.90 (149.60 to 150.60): V

