

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027074.D
 Acq On : 23 Sep 2018 16:05
 Operator : MD/SY
 Sample : J4954-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20180914

Quant Time: Sep 24 08:40:03 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	101579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174727	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	74201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106079	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	4.88	113	73601	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	7.57	98	277793	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	89326	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

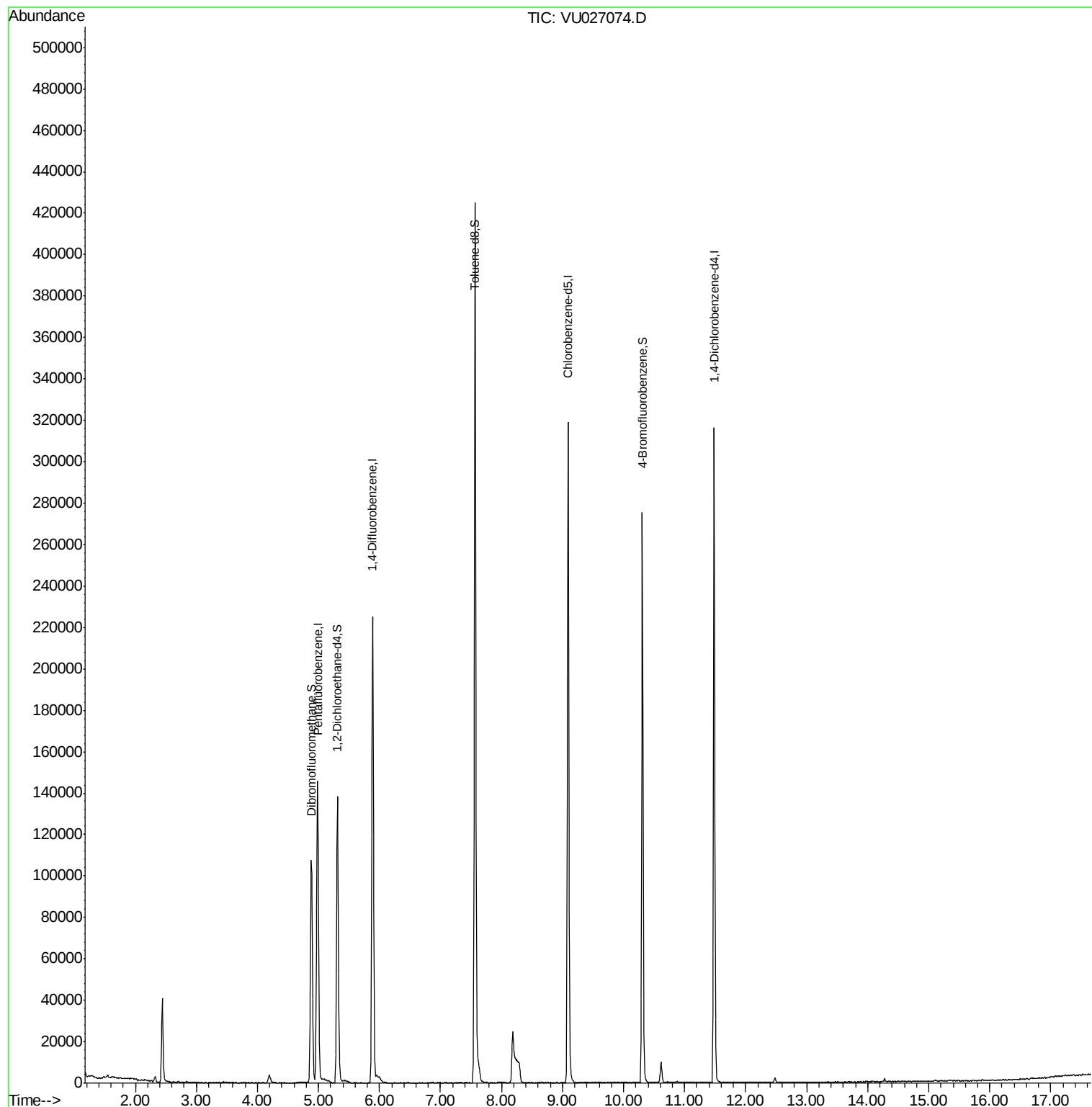
Target Compounds	Qvalue

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

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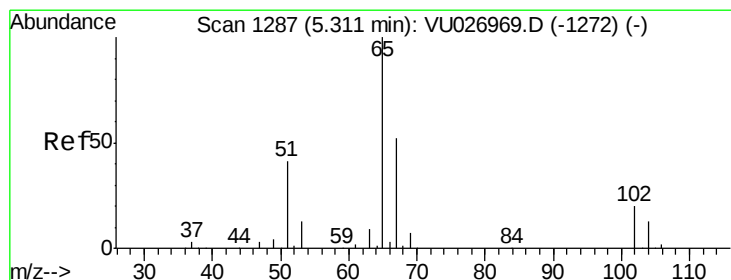
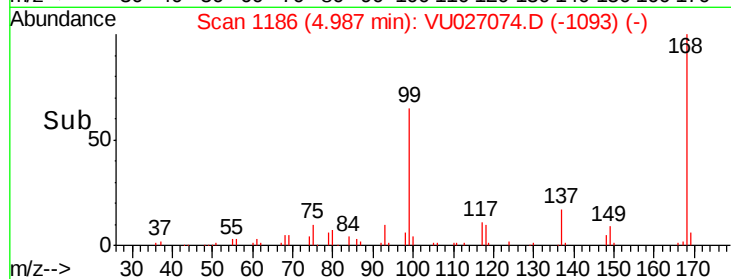
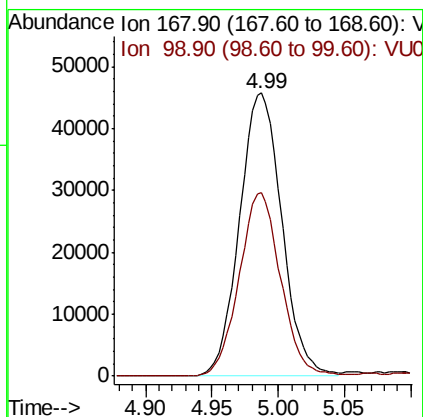
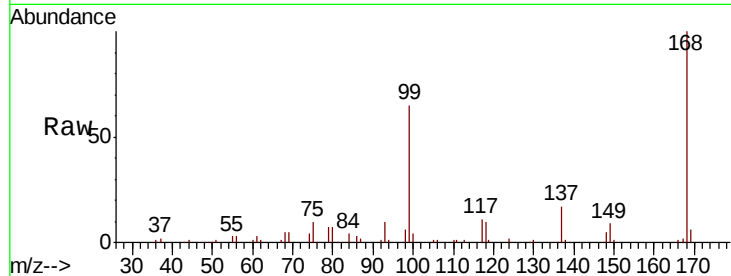




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

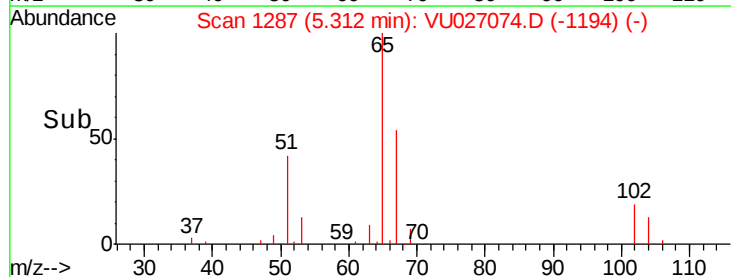
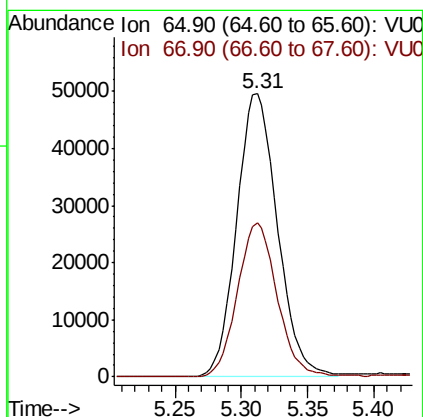
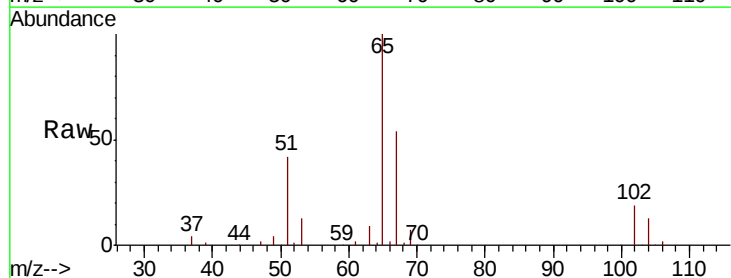
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20180914

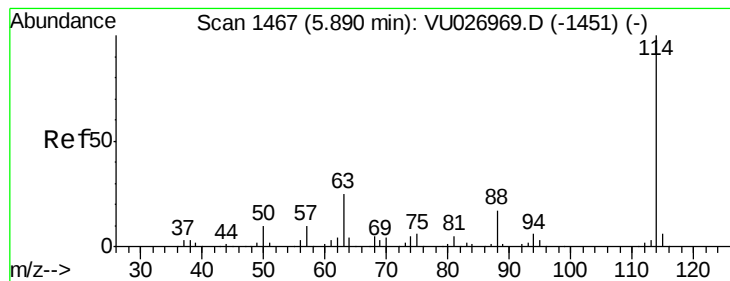
Tot Ion:168 Resp: 101579
Ion Ratio Lower Upper
168 100
99 64.8 48.1 72.1



#33
1,2-Dichloroethane-d4
Concen: 51.886 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Tgt Ion: 65 Resp: 106079
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ118I-20180914

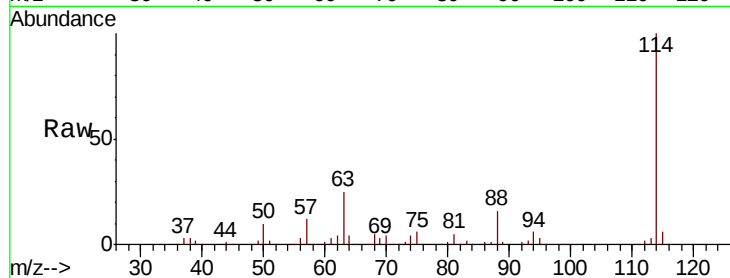
Tot Ion:114 Resp: 174727

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

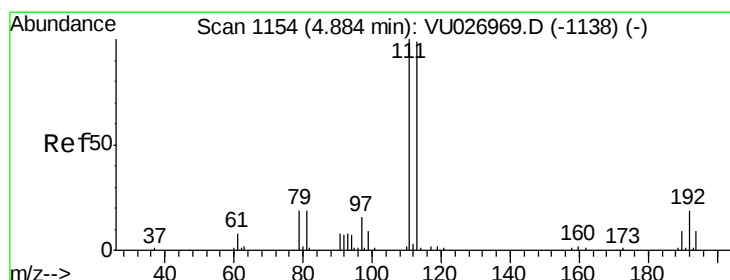
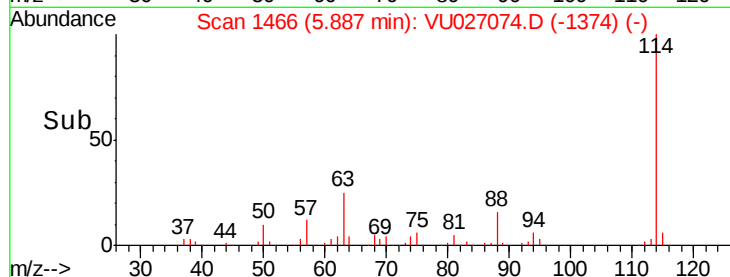
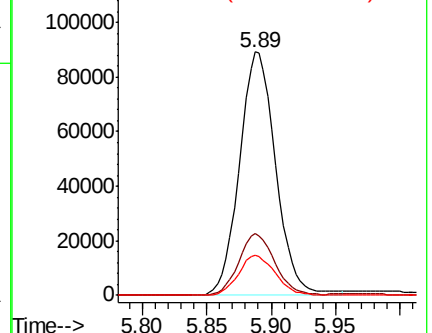
88 16.4 0.0 33.8



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: 48.596 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

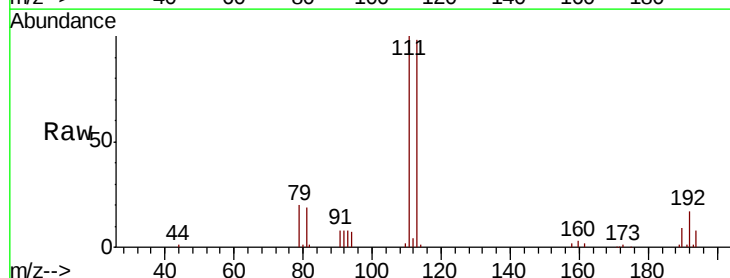
Tgt Ion:113 Resp: 73601

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

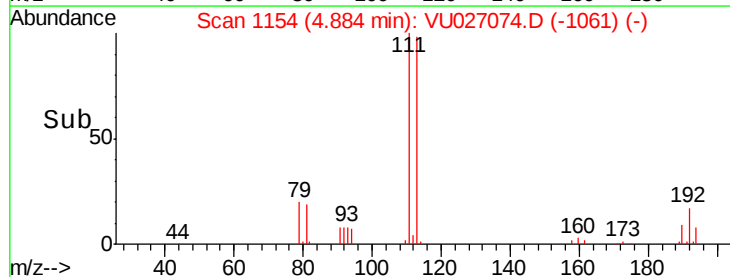
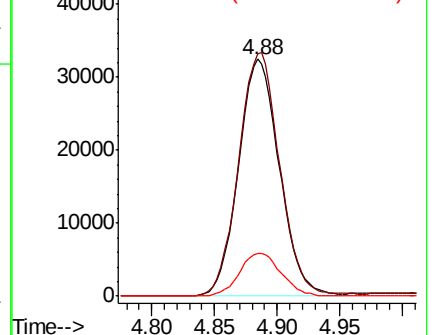
192 18.3 15.2 22.8



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: 48.128 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

Instrument :

MSVOA_U

ClientSampleId :

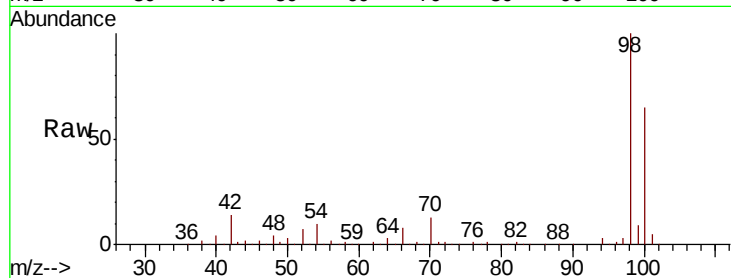
SA-PZ118I-20180914

Tot Ion: 98 Resp: 277793

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

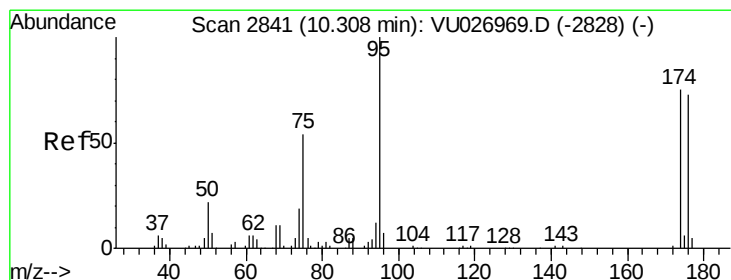
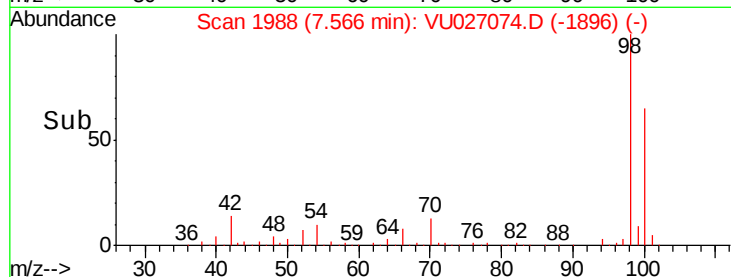
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 45.102 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

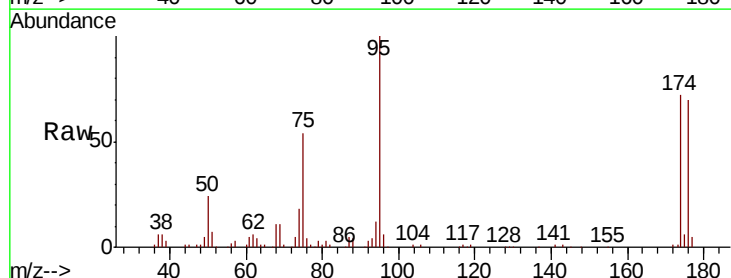
Tgt Ion: 95 Resp: 89326

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.2

176 69.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

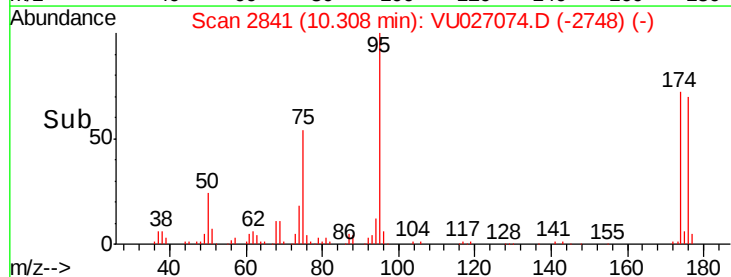
40000

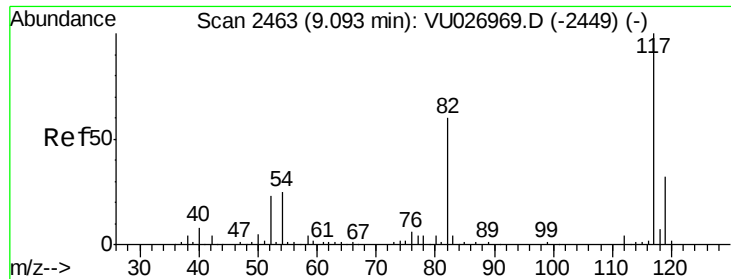
20000

0

10.30 10.40

Time-->

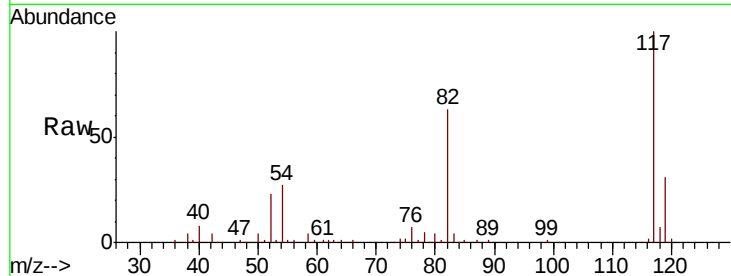




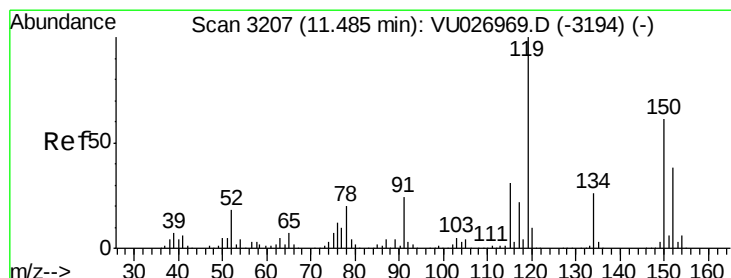
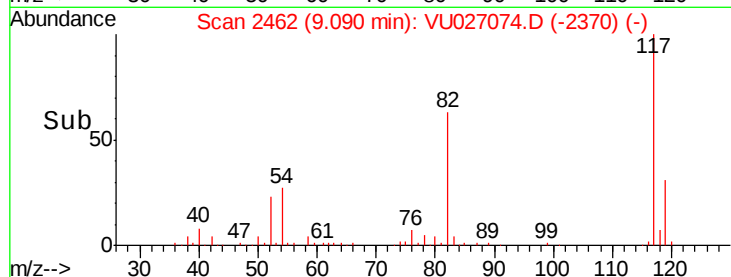
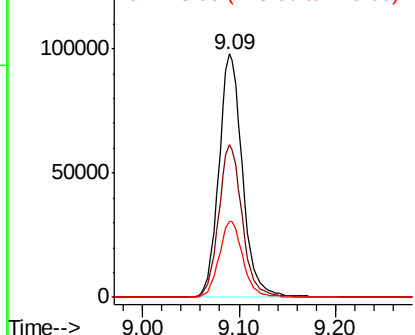
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20180914

Tot Ion:117 Resp: 165668
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.3 25.8 38.8

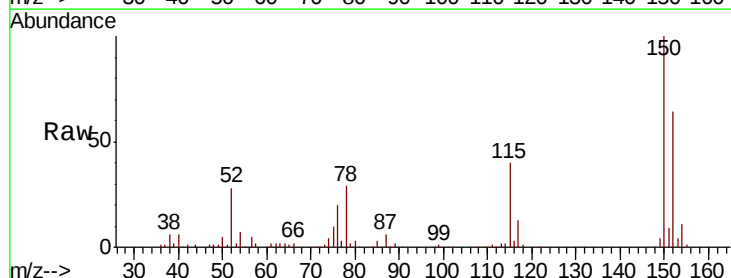


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Tgt Ion:152 Resp: 74201
Ion Ratio Lower Upper
152 100
115 61.2 44.9 134.5
150 158.4 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

