

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027372.D
 Acq On : 03 Oct 2018 21:52
 Operator : MD/SY
 Sample : J5163-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 08 12:27:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159055	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	94921	62.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.10%	
35) Dibromofluoromethane	4.89	113	67019	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	
50) Toluene-d8	7.57	98	245992	60.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.60%	
62) 4-Bromofluorobenzene	10.31	95	78497	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

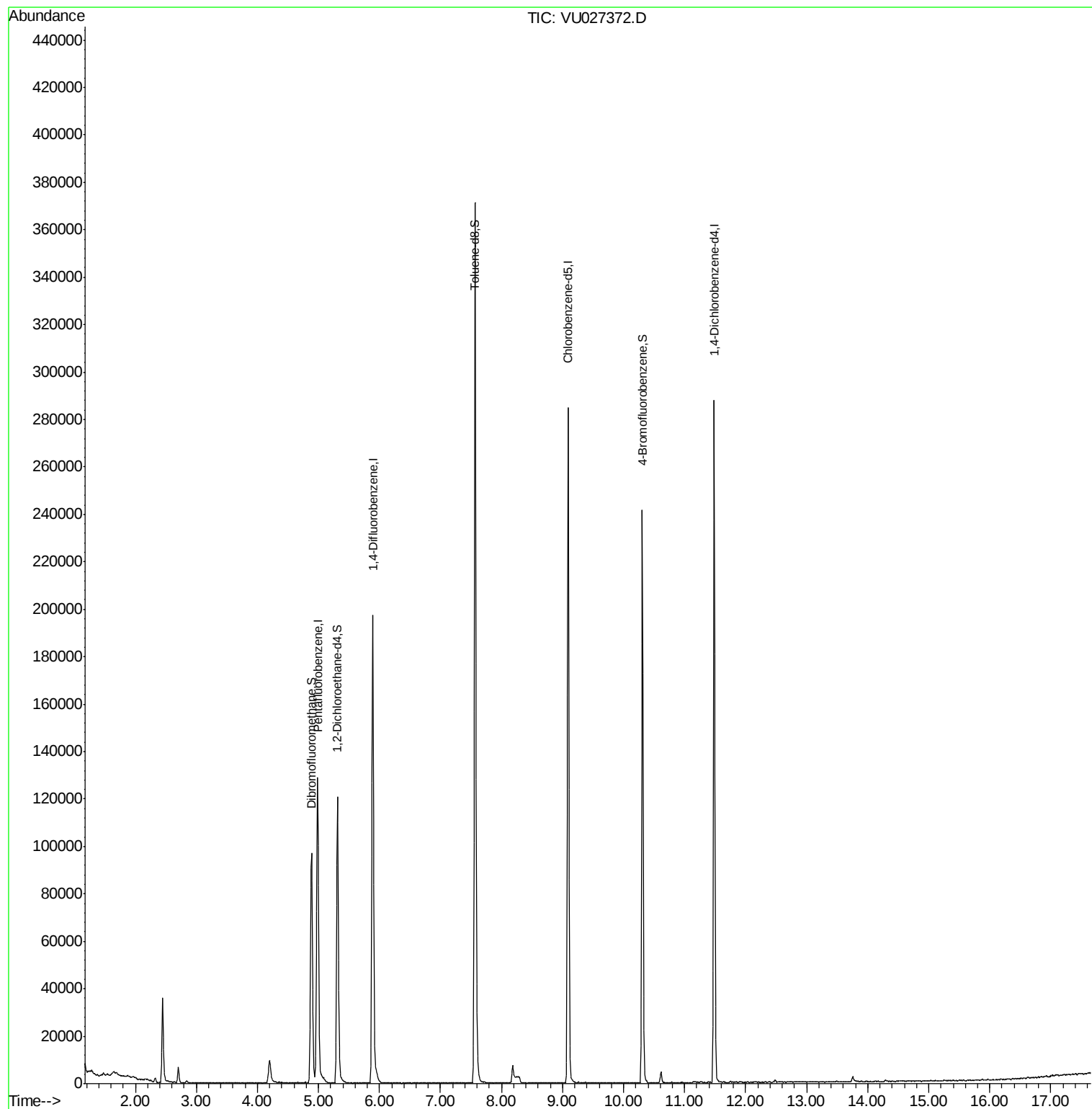
Target Compounds	Qvalue

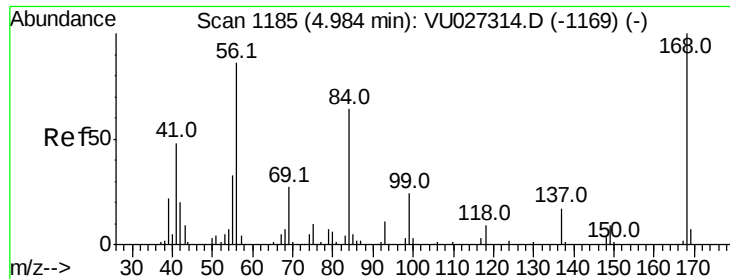
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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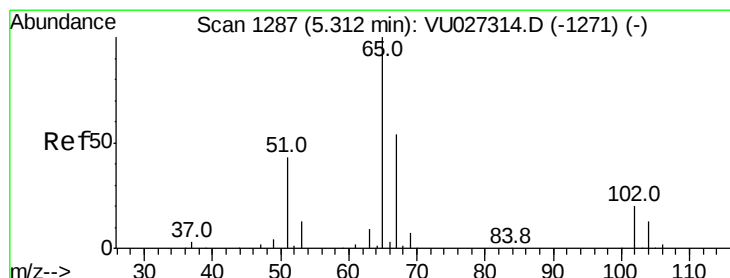
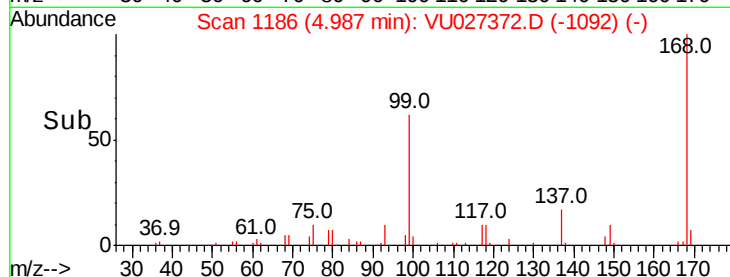
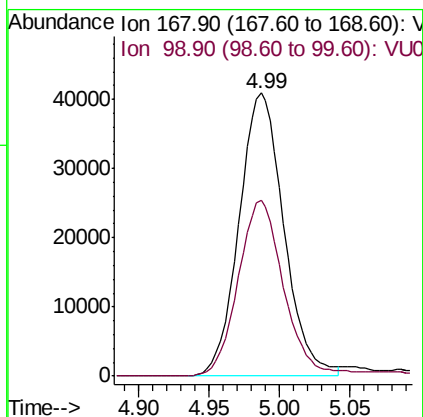
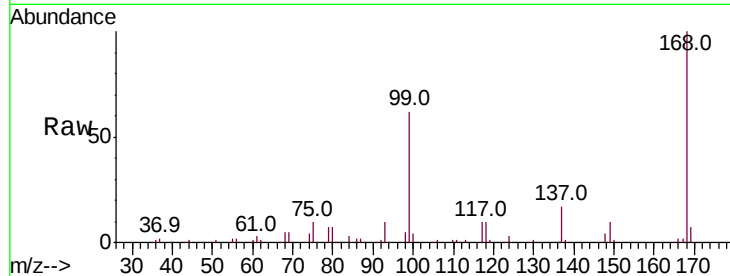




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027372.D
Acq: 03 Oct 2018 21:52

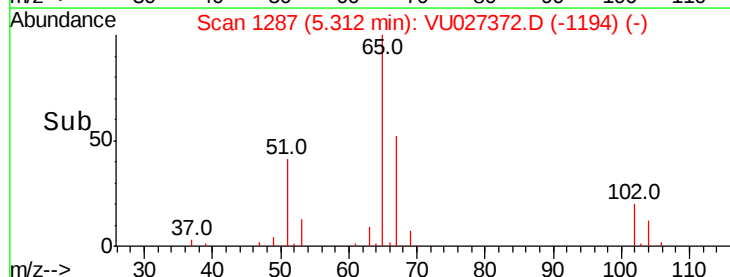
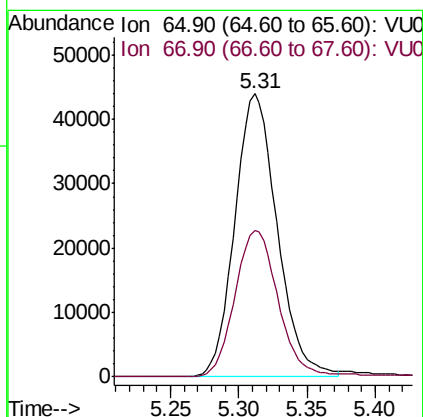
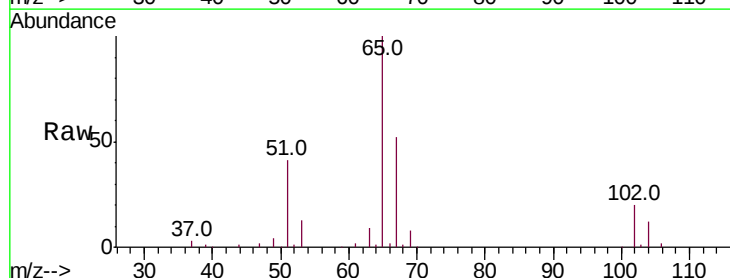
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

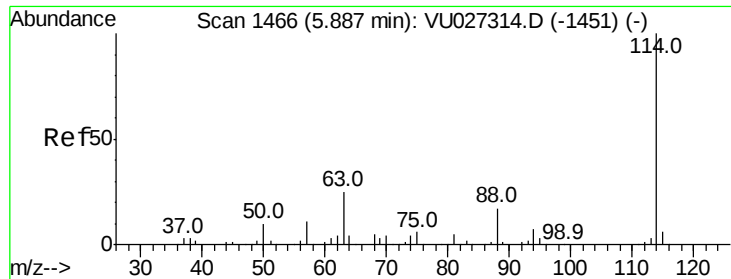
Tot Ion:168 Resp: 90874
Ion Ratio Lower Upper
168 100
99 62.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 62.553 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027372.D
Acq: 03 Oct 2018 21:52

Tgt Ion: 65 Resp: 94921
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027372.D

Acq: 03 Oct 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

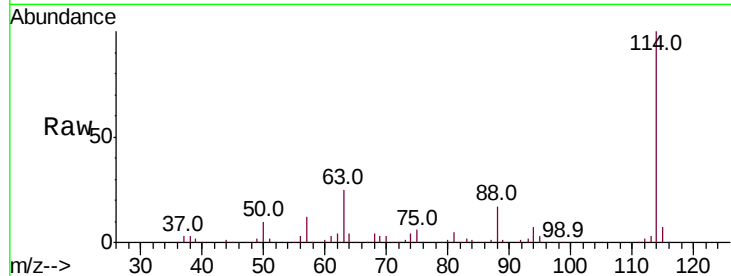
Tot Ion:114 Resp: 159055

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

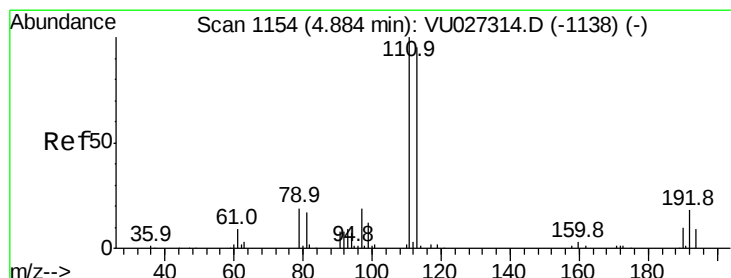
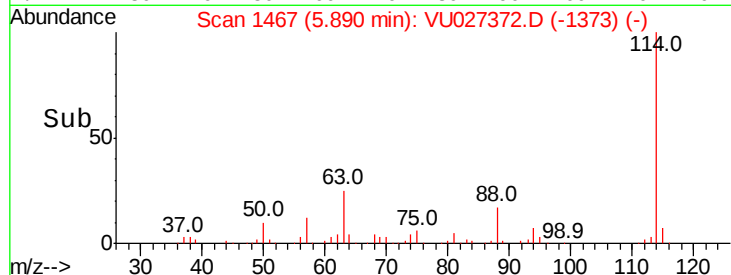
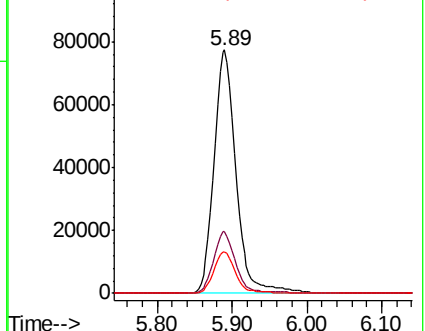
88 17.2 0.0 33.8



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: 61.482 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027372.D

Acq: 03 Oct 2018 21:52

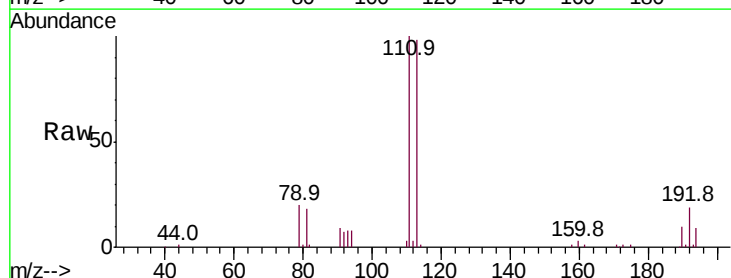
Tgt Ion:113 Resp: 67019

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

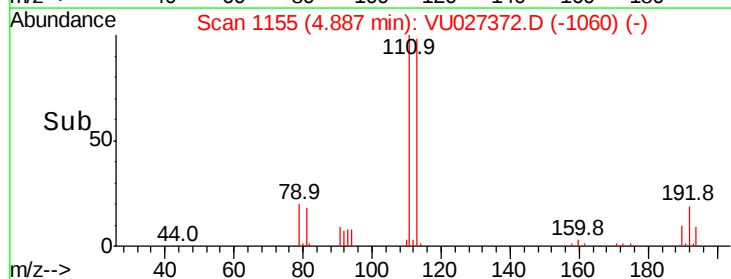
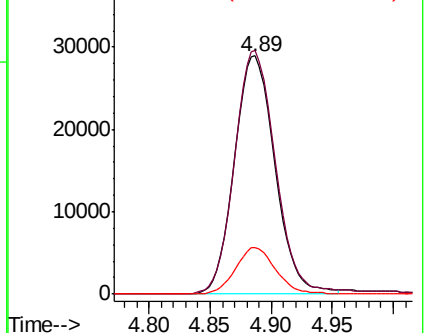
192 19.1 15.4 23.0

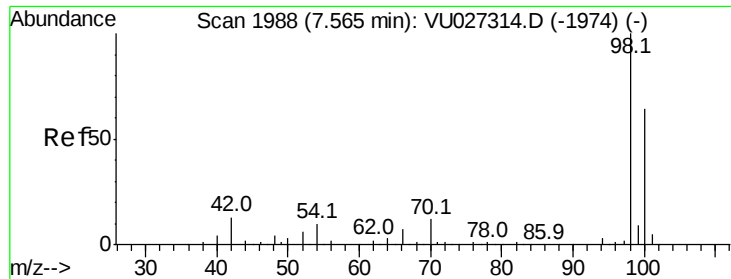


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 60.296 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027372.D

Acq: 03 Oct 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

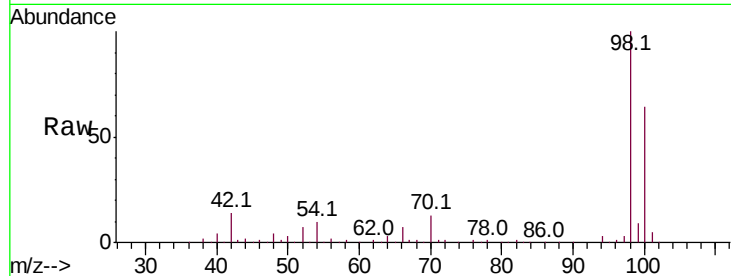
TRIP-BLANK

Tot Ion: 98 Resp: 245992

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

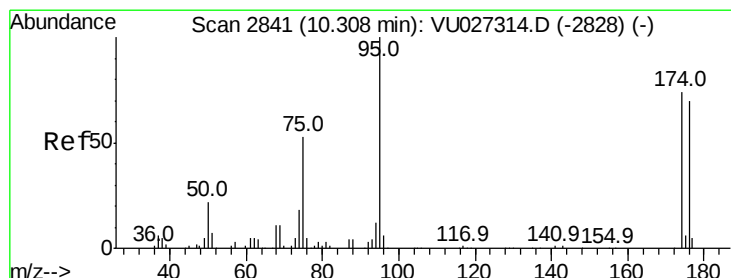
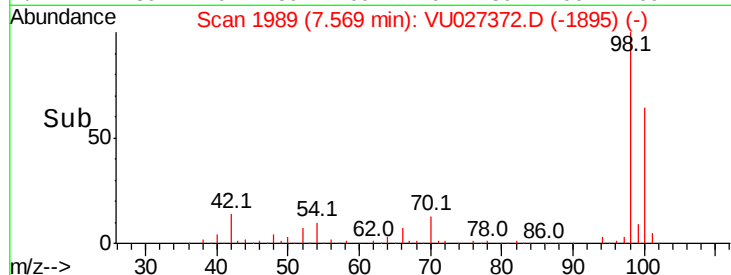
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.773 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027372.D

Acq: 03 Oct 2018 21:52

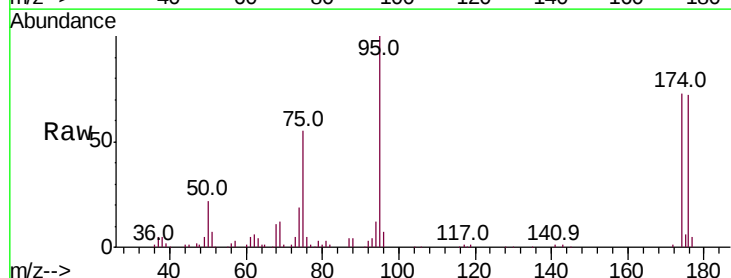
Tgt Ion: 95 Resp: 78497

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.8

176 72.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

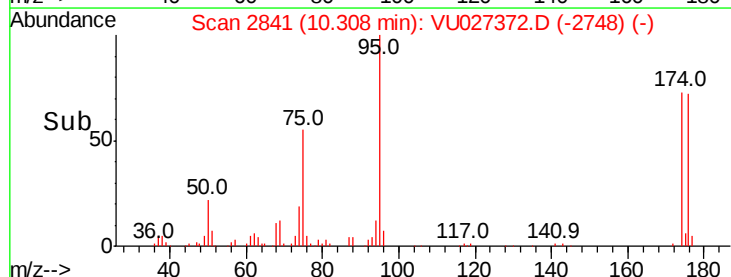
60000

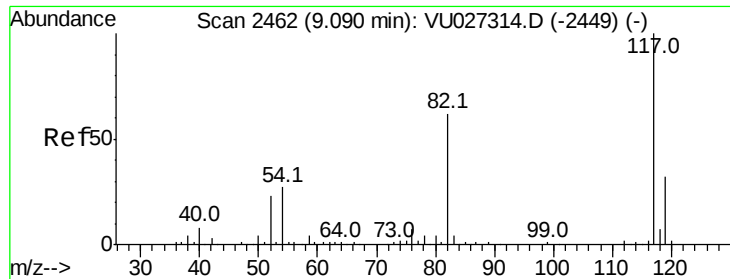
40000

20000

0

Time-->

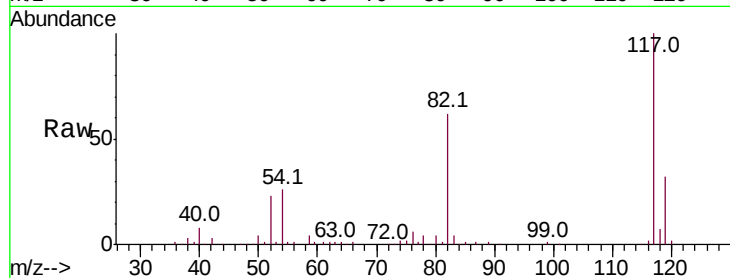




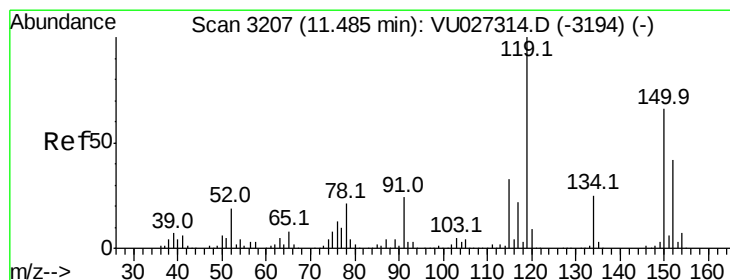
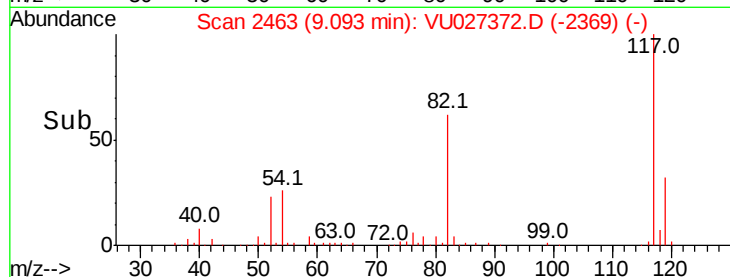
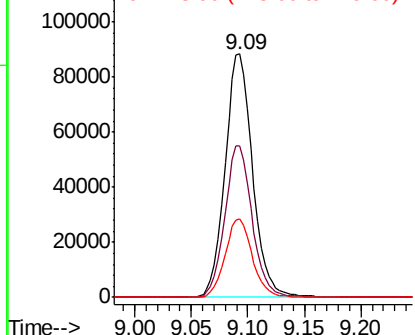
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027372.D
Acq: 03 Oct 2018 21:52

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 149401
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.3 25.7 38.5

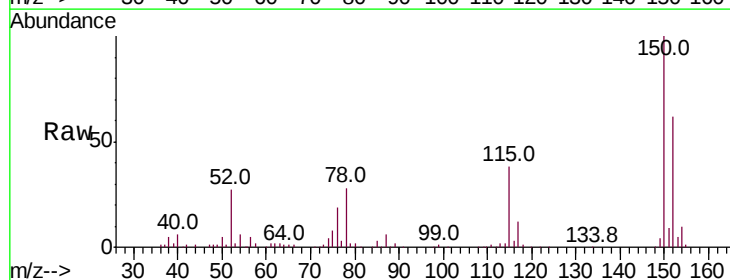


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027372.D
Acq: 03 Oct 2018 21:52

Tgt Ion:152 Resp: 67987
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.2
150 160.6 0.0 349.2



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

