

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027421.D
 Acq On : 04 Oct 2018 20:24
 Operator : MD/SY
 Sample : J5255-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Oct 08 11:00:21 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	106211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	190219	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	99212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	104406	58.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.74%	
35) Dibromofluoromethane	4.89	113	75458	57.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.76%	
50) Toluene-d8	7.57	98	289994	59.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.88%	
62) 4-Bromofluorobenzene	10.31	95	103781	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	

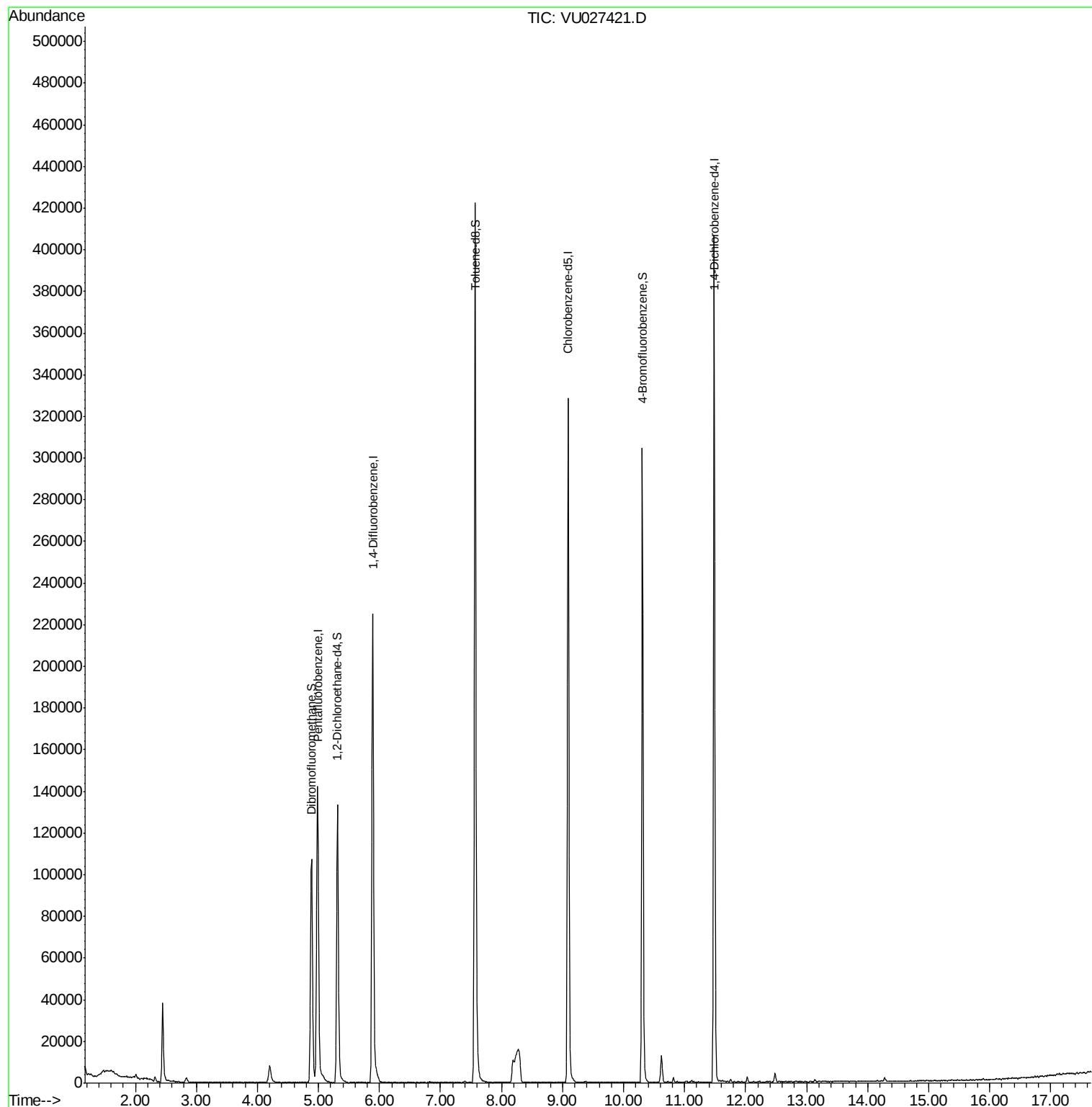
Target Compounds	Qvalue

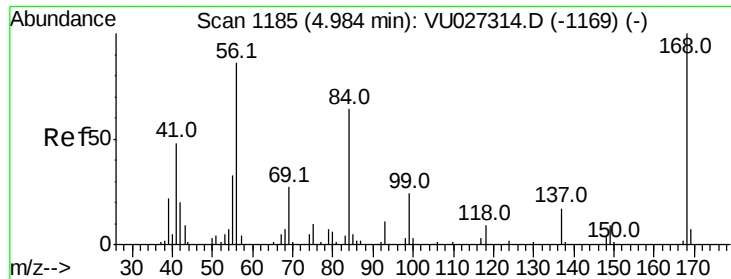
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027421.D

Acq: 04 Oct 2018 20:24

Instrument :

MSVOA_U

ClientSampled :

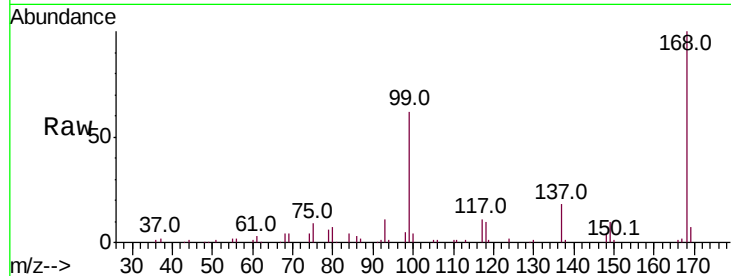
MW-4

Tot Ion:168 Resp: 106211

Ion Ratio Lower Upper

168 100

99 61.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

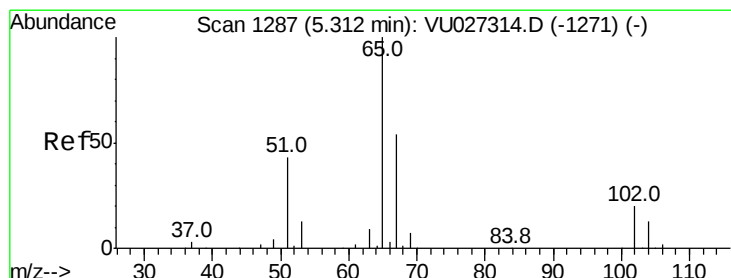
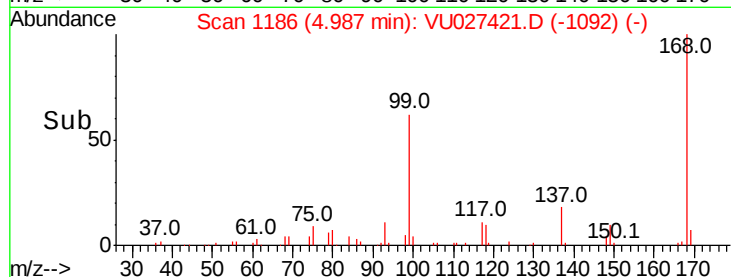
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.869 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027421.D

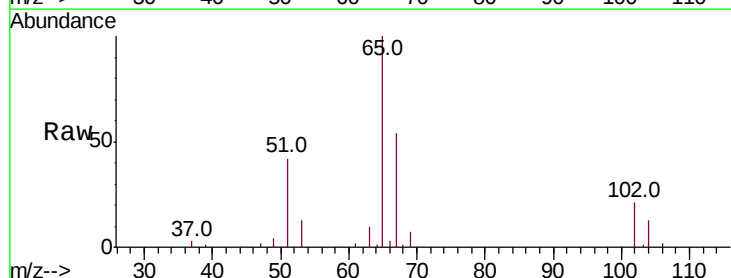
Acq: 04 Oct 2018 20:24

Tgt Ion: 65 Resp: 104406

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

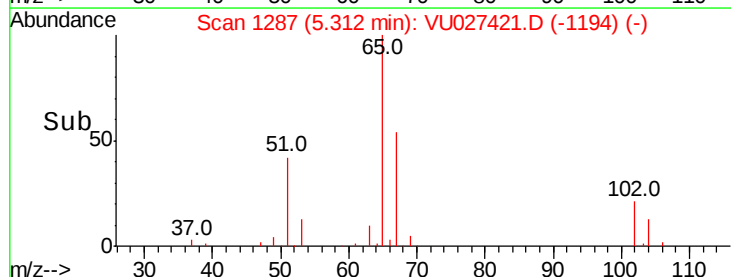
20000

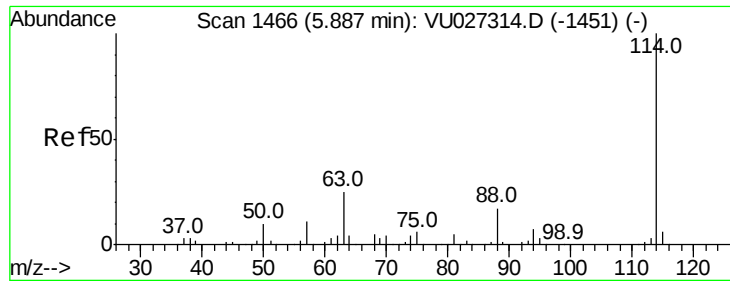
10000

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: VU027421.D

Acq: 04 Oct 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

MW-4

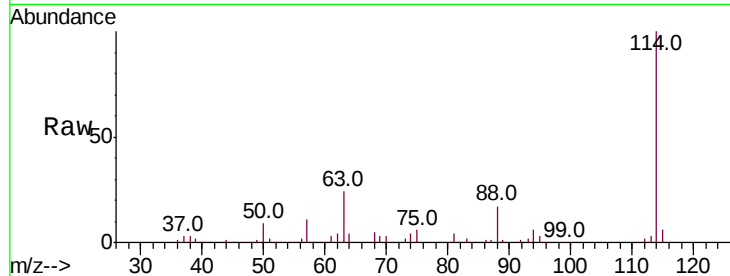
Tot Ion:114 Resp: 190219

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.2

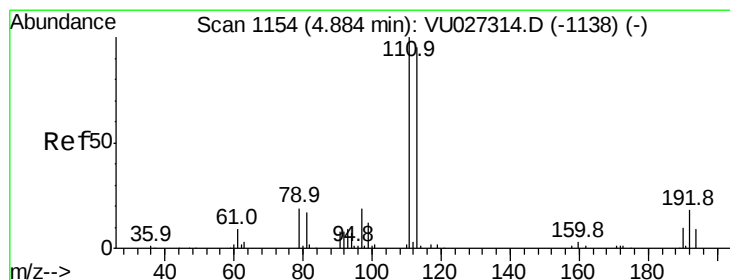
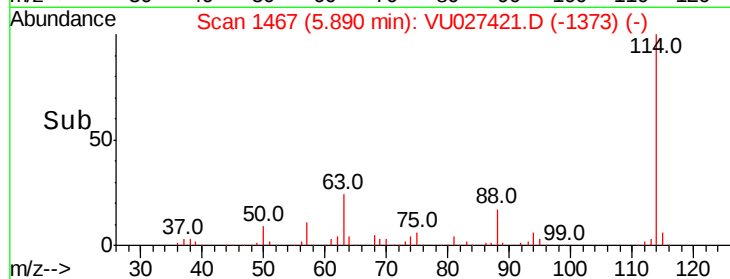
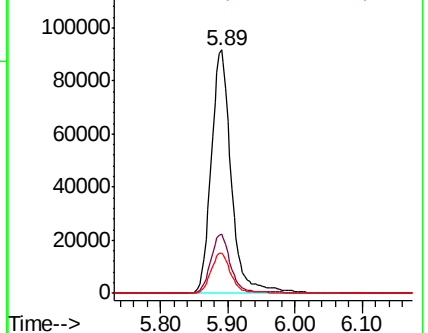
88 16.7 0.0 33.8



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: 57.883 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027421.D

Acq: 04 Oct 2018 20:24

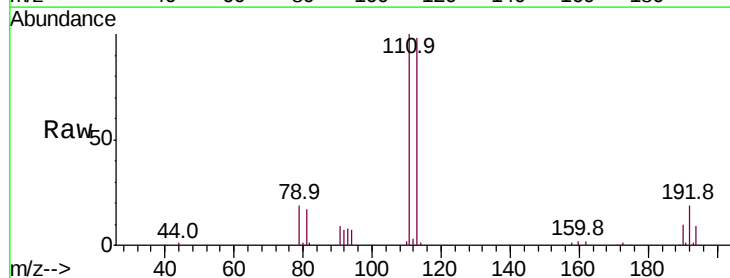
Tgt Ion:113 Resp: 75458

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

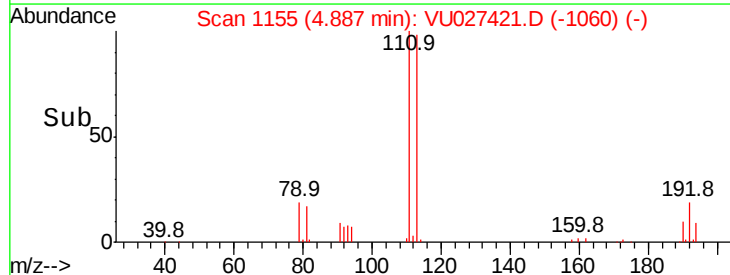
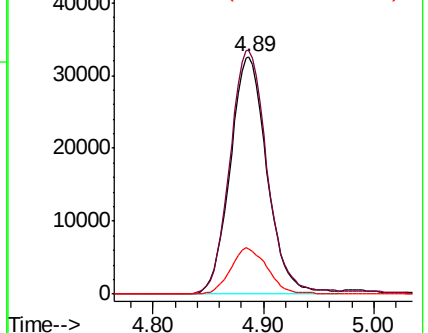
192 19.3 15.4 23.0

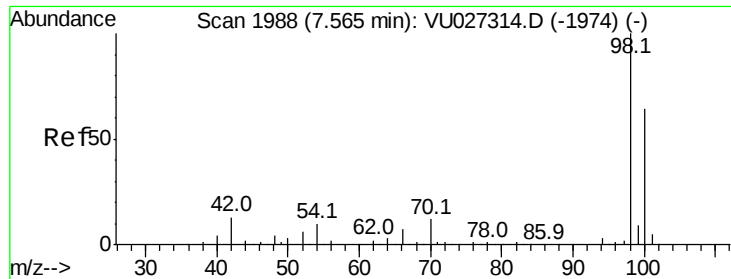


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 59.436 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027421.D

Acq: 04 Oct 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

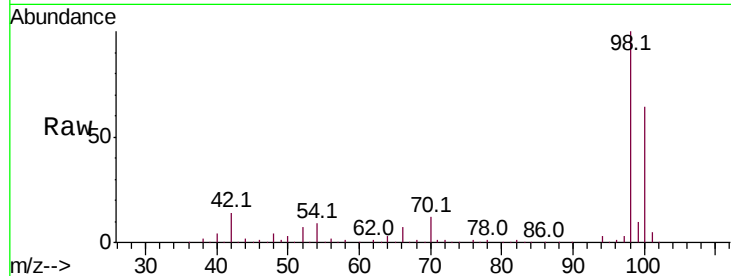
MW-4

Tot Ion: 98 Resp: 289994

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

150000

100000

50000

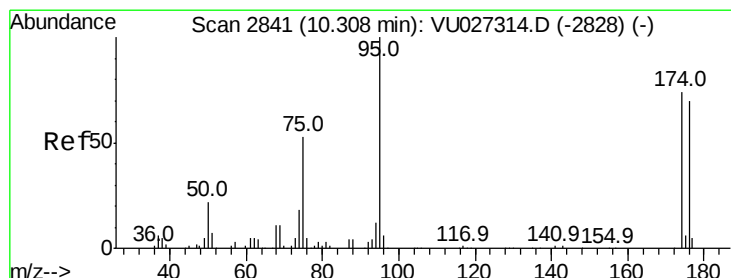
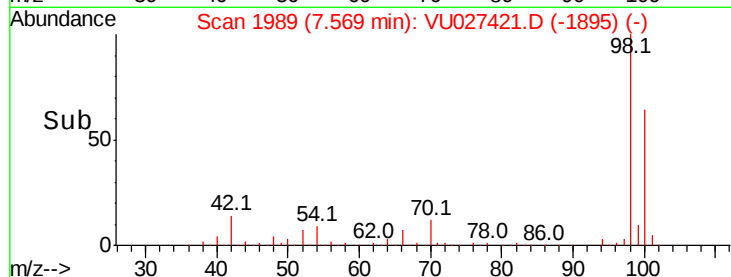
0

Time-->

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 57.235 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027421.D

Acq: 04 Oct 2018 20:24

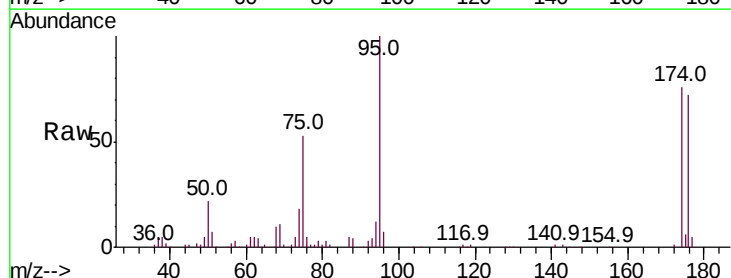
Tgt Ion: 95 Resp: 103781

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.8

176 72.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

80000

60000

40000

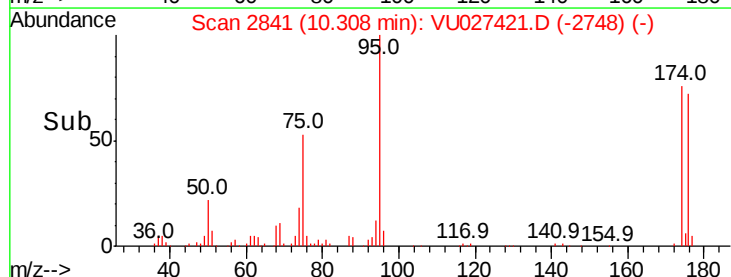
20000

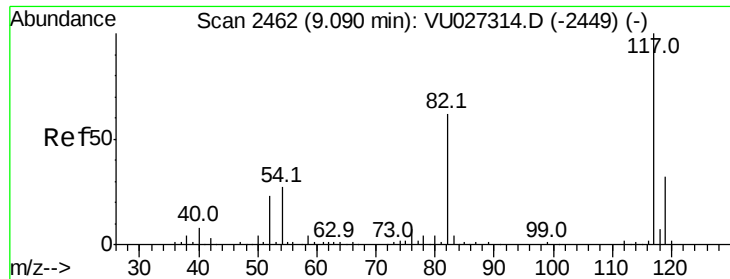
0

Time-->

10.30

10.40

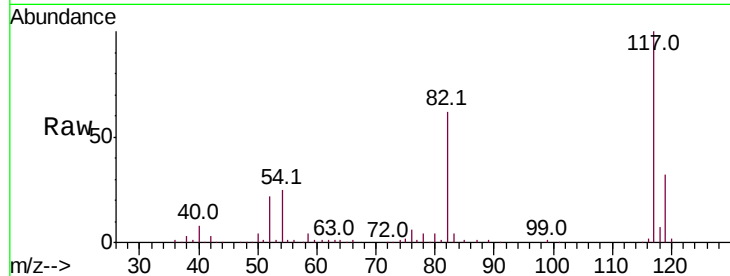




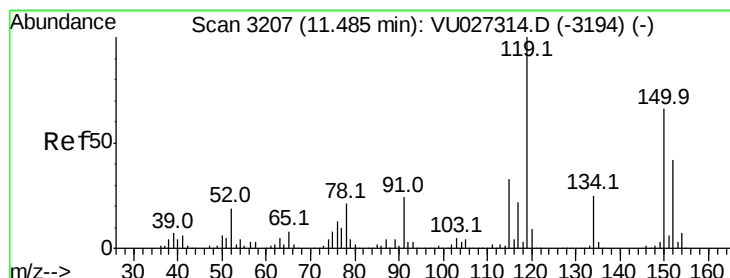
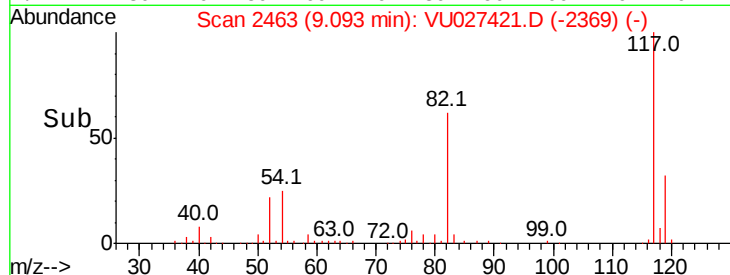
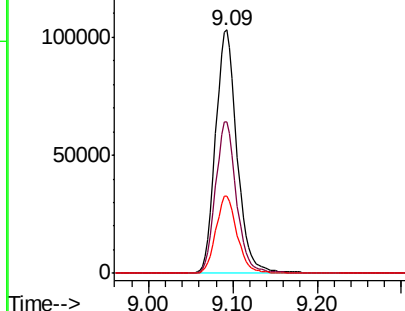
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027421.D
Acq: 04 Oct 2018 20:24

Instrument :
MSVOA_U
ClientSampled :
MW-4

Tot Ion:117 Resp: 182420
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 32.0 25.7 38.5

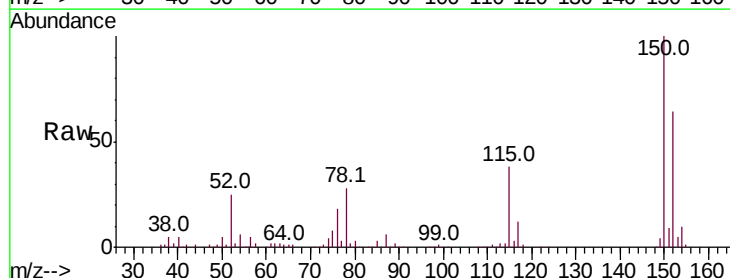


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027421.D
Acq: 04 Oct 2018 20:24

Tgt Ion:152 Resp: 99212
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.2
150 157.6 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

