

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027279.D
 Acq On : 28 Sep 2018 18:11
 Operator : MD/SY
 Sample : J5084-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-12(TW-2)

Quant Time: Oct 01 01:45:37 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

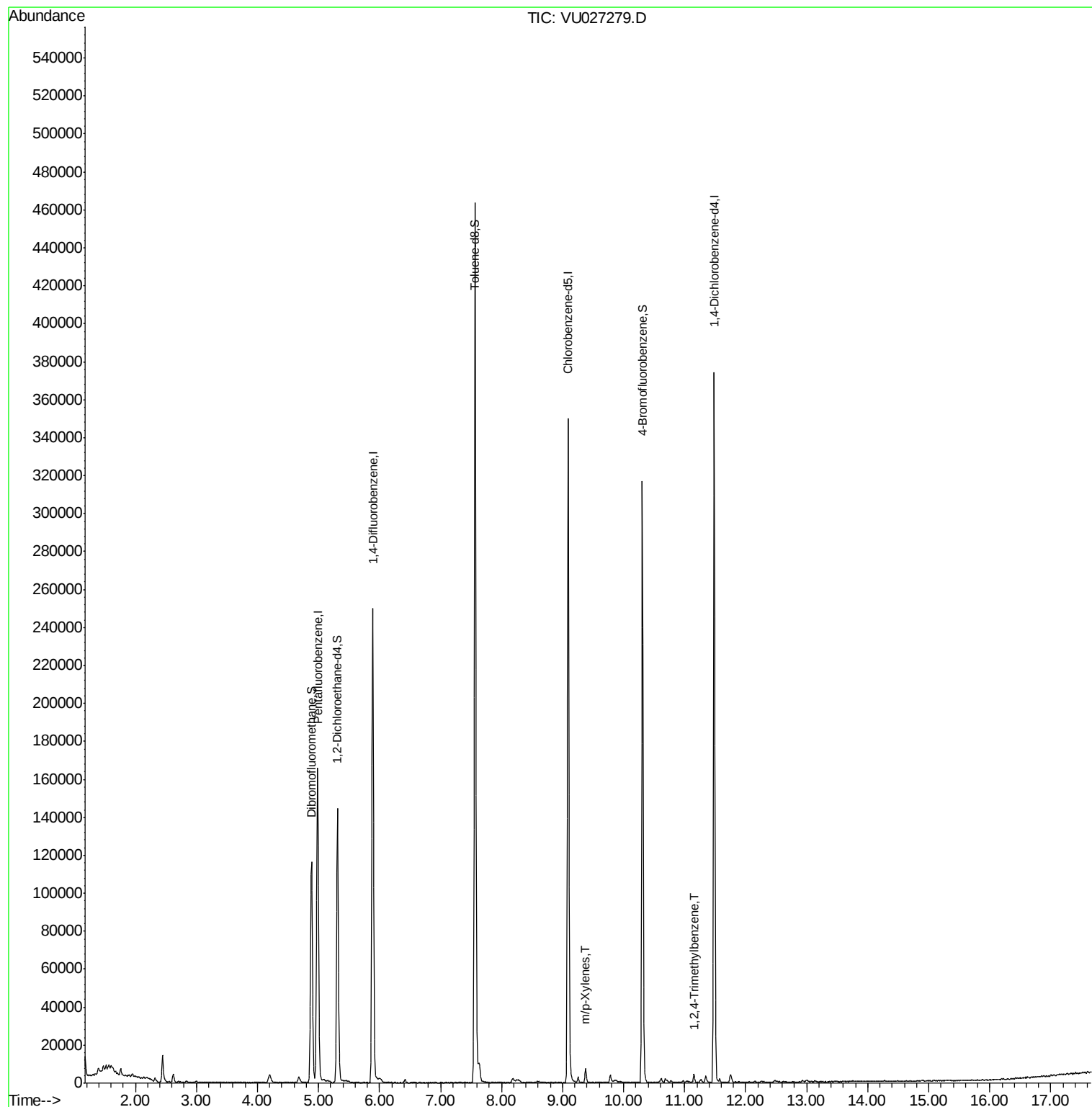
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	119307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	203310	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108902	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
35) Dibromofluoromethane	4.88	113	80125	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
50) Toluene-d8	7.57	98	314390	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	10.31	95	105465	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
68) m/p-Xylenes	9.38	106	2144	2.130	ug/l	88
84) 1,2,4-Trimethylbenzene	11.15	105	2541	0.425	ug/l	98

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

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QLast Update : Sat Sep 22 01:31:57 2018
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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: VU027279.D

Acq: 28 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

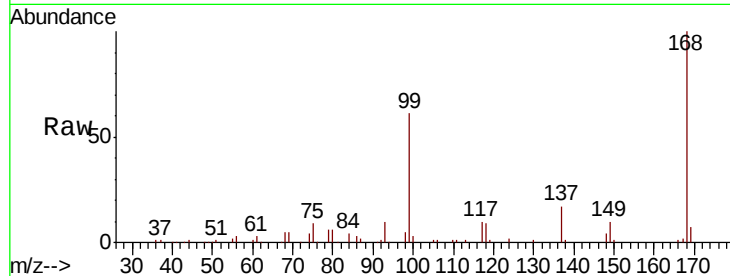
B-12(TW-2)

Tot Ion:168 Resp: 119307

Ion Ratio Lower Upper

168 100

99 61.1 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

60000

50000

40000

30000

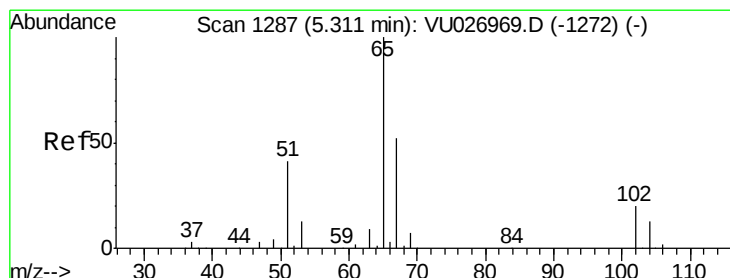
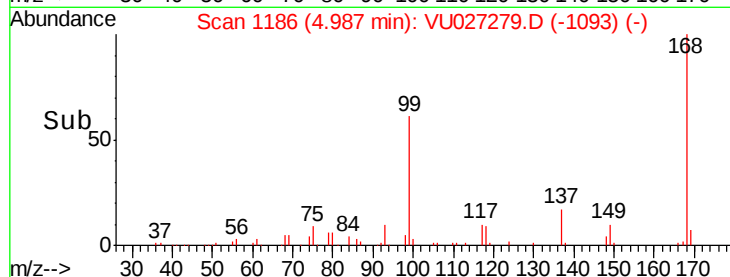
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.352 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027279.D

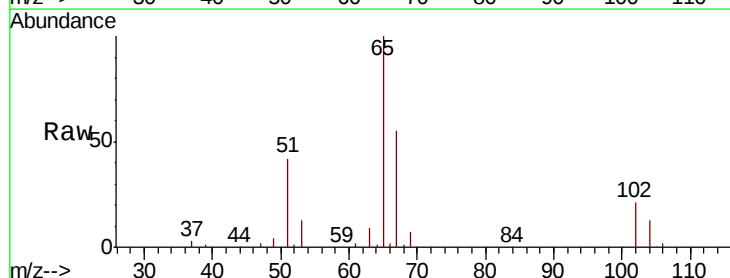
Acq: 28 Sep 2018 18:11

Tgt Ion: 65 Resp: 108902

Ion Ratio Lower Upper

65 100

67 54.4 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

60000

50000

40000

30000

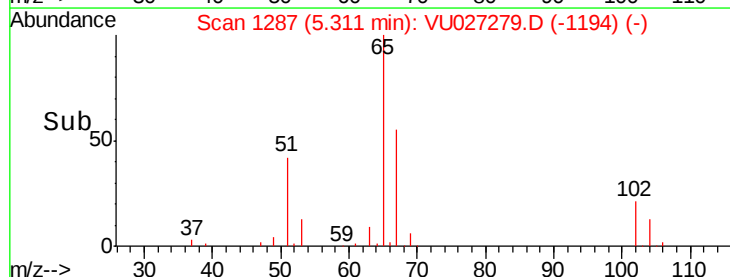
20000

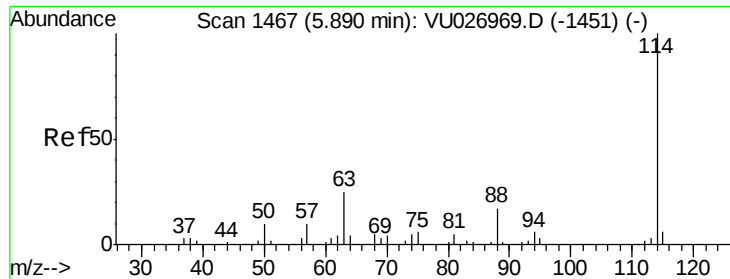
10000

0

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: VU027279.D

Acq: 28 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

B-12(TW-2)

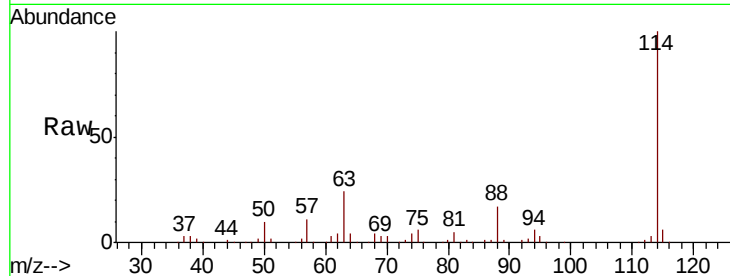
Tot Ion:114 Resp: 203310

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.2

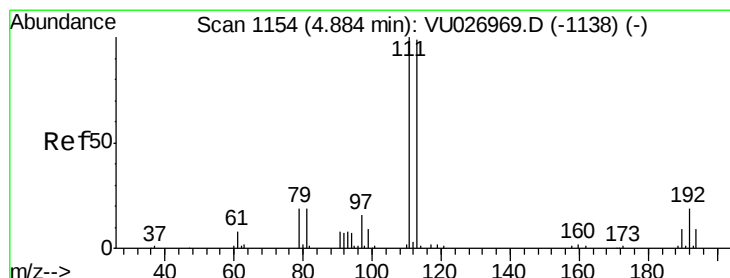
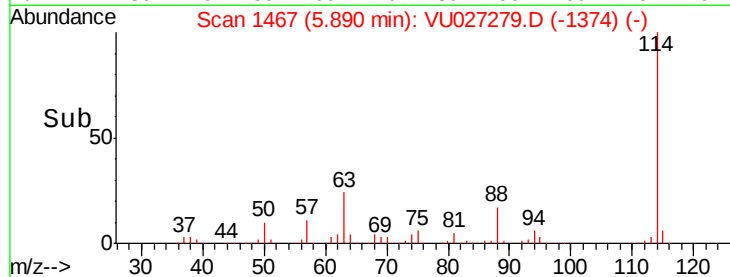
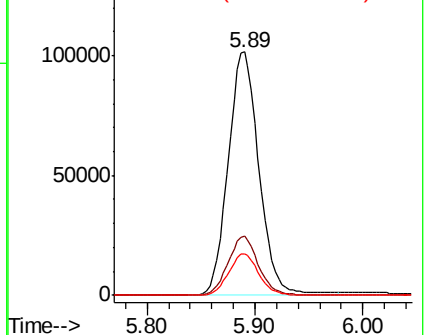
88 17.3 0.0 33.8



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: 45.466 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027279.D

Acq: 28 Sep 2018 18:11

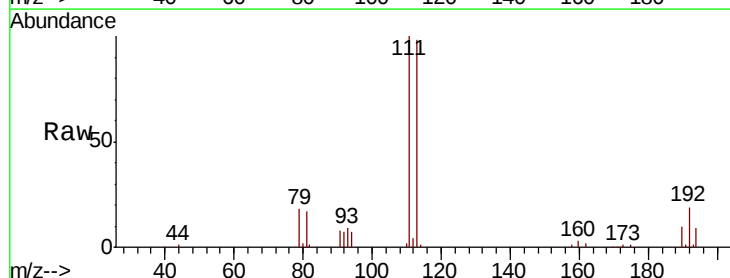
Tgt Ion:113 Resp: 80125

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

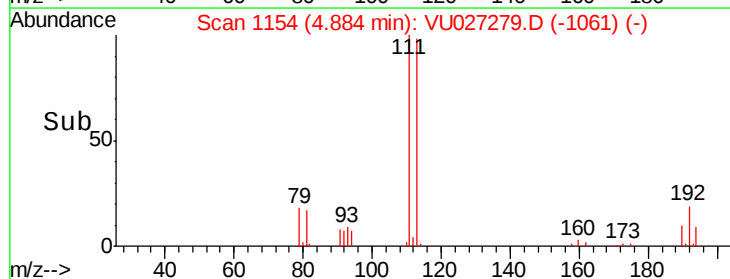
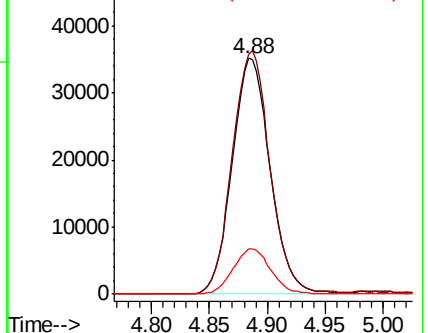
192 19.0 15.2 22.8



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: 46.811 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027279.D

Acq: 28 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

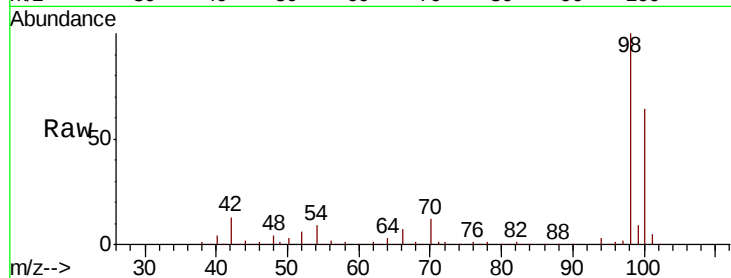
B-12(TW-2)

Tot Ion: 98 Resp: 314390

Ion Ratio Lower Upper

98 100

100 64.3 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

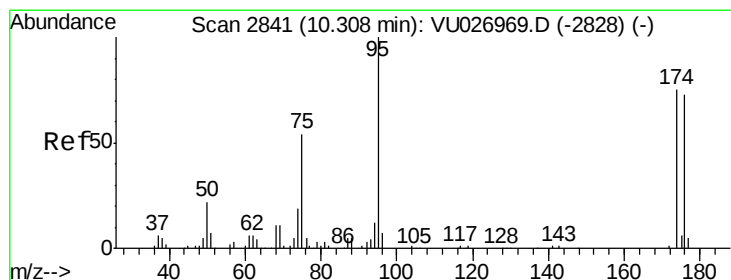
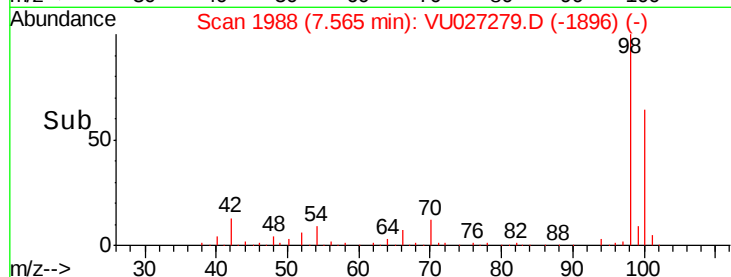
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.764 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027279.D

Acq: 28 Sep 2018 18:11

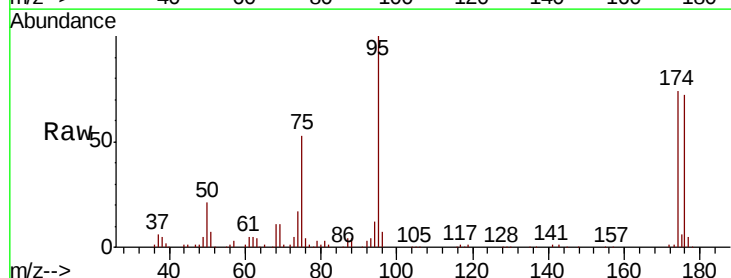
Tgt Ion: 95 Resp: 105465

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

176 73.5 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

80000

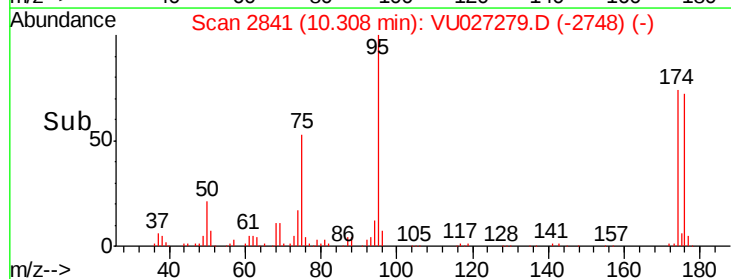
60000

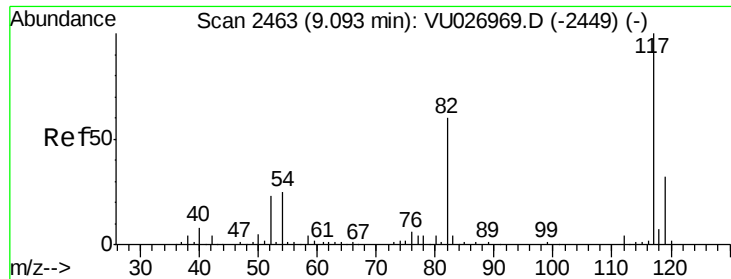
40000

20000

0

Time-->

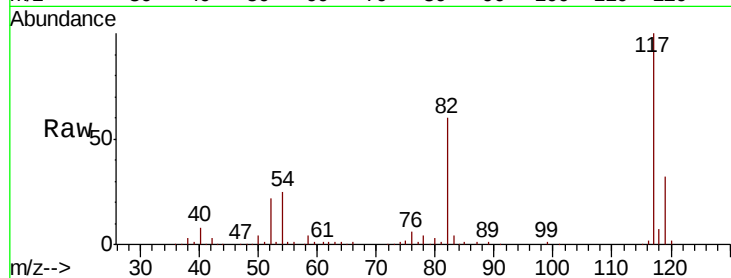




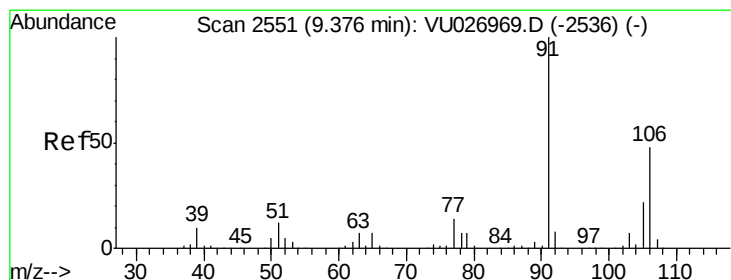
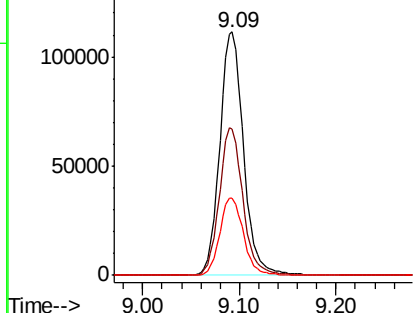
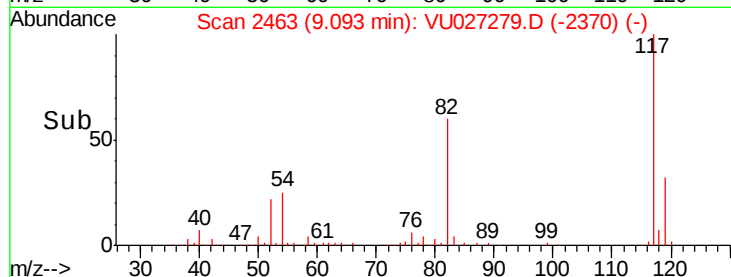
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tot Ion:117 Resp: 190056
Ion Ratio Lower Upper
117 100
82 59.9 48.0 72.0
119 31.6 25.8 38.8

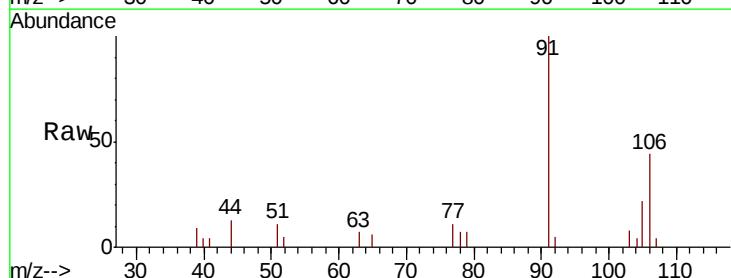


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

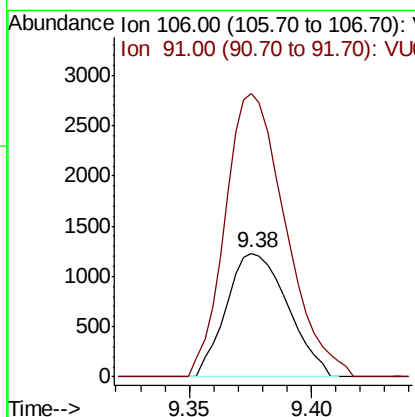
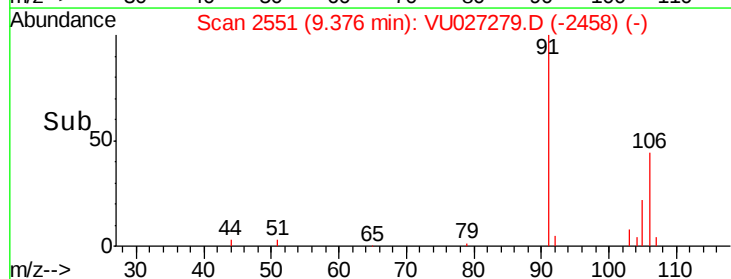


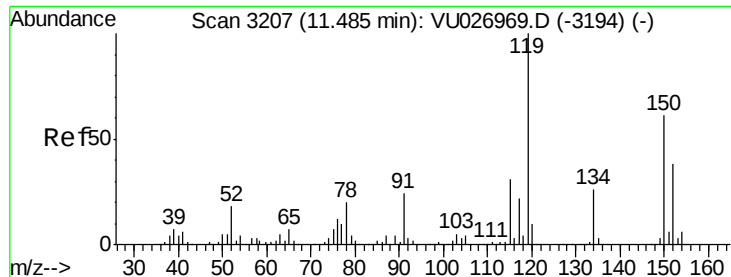
#68
m/p-Xylenes
Concen: 2.130 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:106 Resp: 2144
Ion Ratio Lower Upper
106 100
91 226.3 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



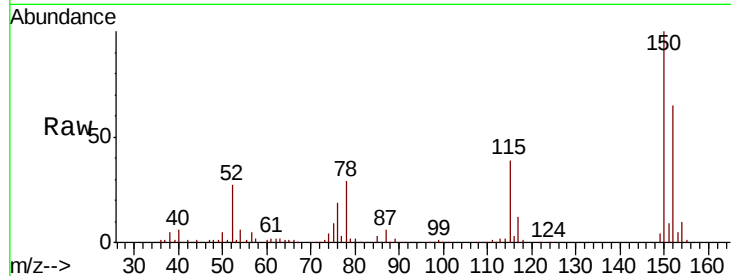


#72

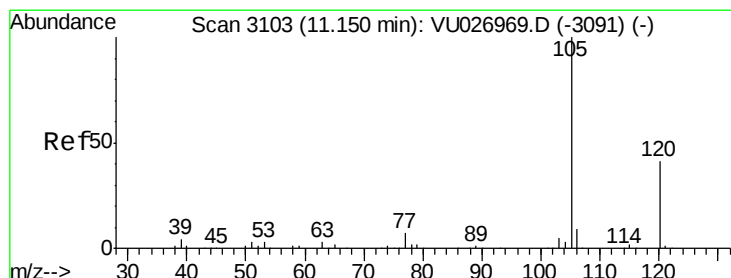
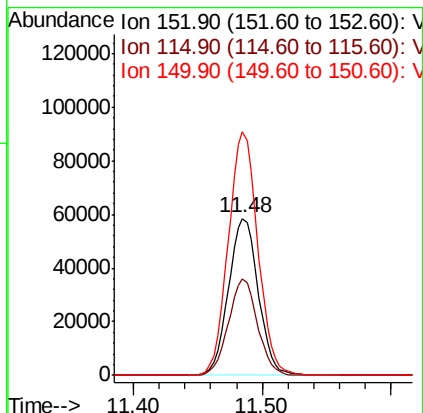
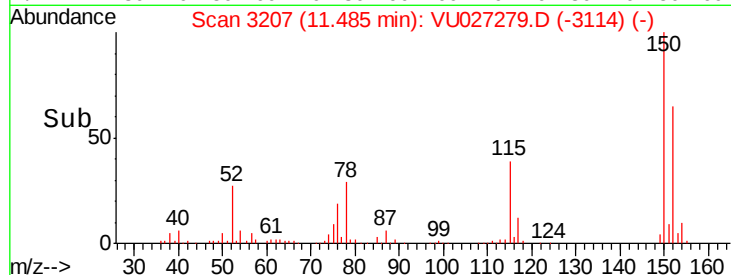
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tot Ion:152 Resp: 93599
Ion Ratio Lower Upper
152 100
115 60.1 44.9 134.5
150 153.6 0.0 355.8



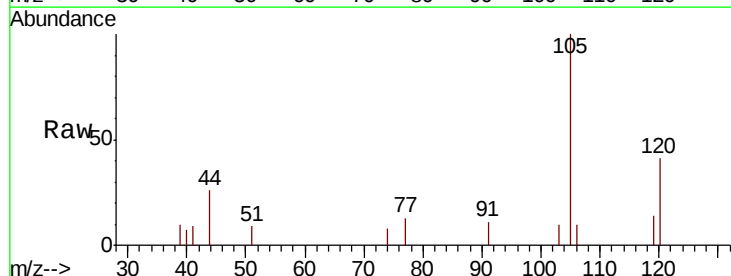
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 0.425 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:105 Resp: 2541
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

