

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027303.D
 Acq On : 29 Sep 2018 04:15
 Operator : MD/SY
 Sample : J4777-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-B

Quant Time: Oct 01 03:46:33 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

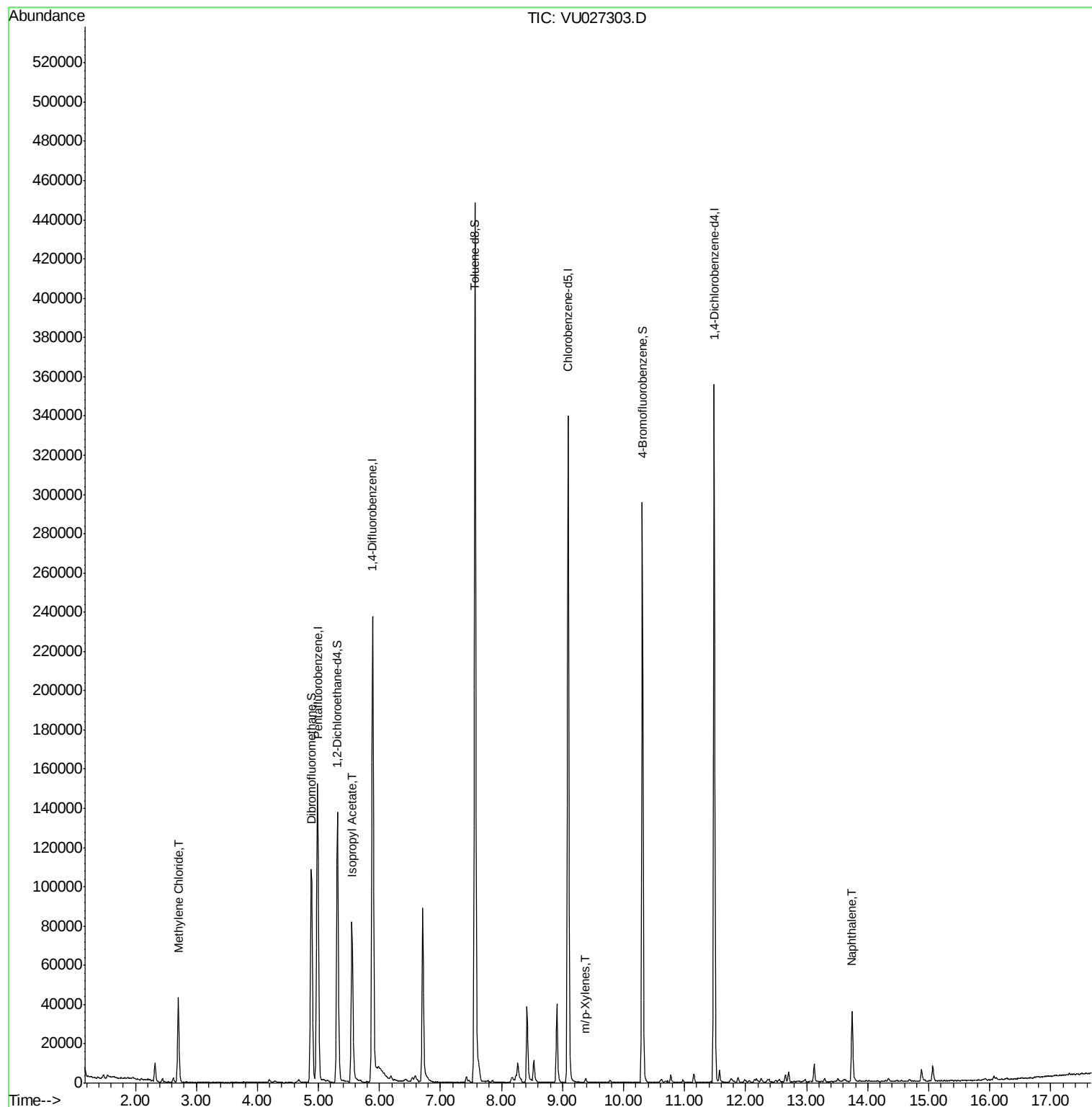
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184169	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107100	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	4.89	113	74909	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	7.57	98	292659	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	10.31	95	99228	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
20) Methylene Chloride	2.70	84	17353	8.957	ug/l	97
43) Isopropyl Acetate	5.55	43	98688	20.337	ug/l	98
68) m/p-Xylenes	9.38	106	823	1.759	ug/l	98
95) Naphthalene	13.75	128	29645	5.794	ug/l	99

(#) = 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: VU027303.D

Acq: 29 Sep 2018 04:15

Instrument :

MSVOA_U

ClientSampleId :

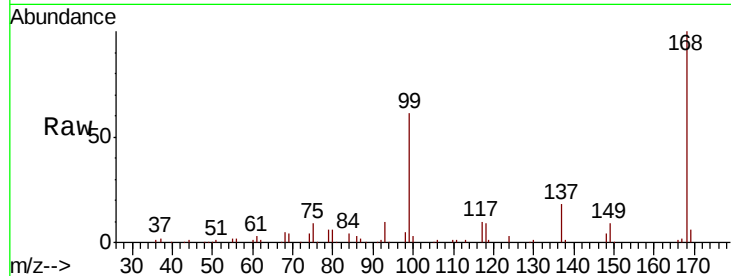
PL-01-092718-B

Tot Ion:168 Resp: 107478

Ion Ratio Lower Upper

168 100

99 61.3 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

50000

40000

30000

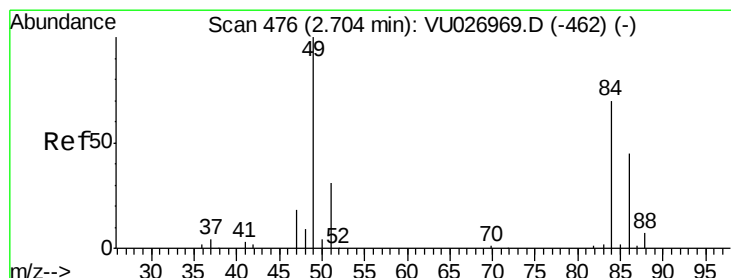
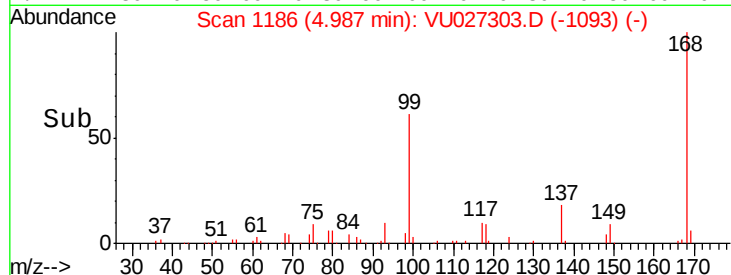
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#20

Methylene Chloride

Concen: 8.957 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027303.D

Acq: 29 Sep 2018 04:15

Tgt Ion: 84 Resp: 17353

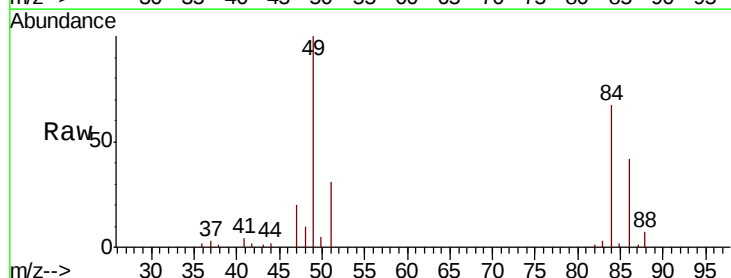
Ion Ratio Lower Upper

84 100

49 148.9 114.9 172.3

51 45.9 35.8 53.8

86 63.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU026969.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU026969.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU026969.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU026969.D (-462) (-)

2.70

20000

15000

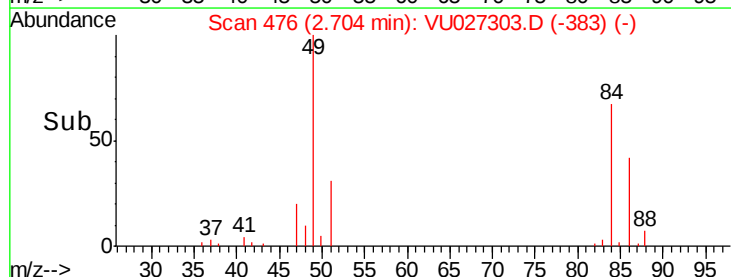
10000

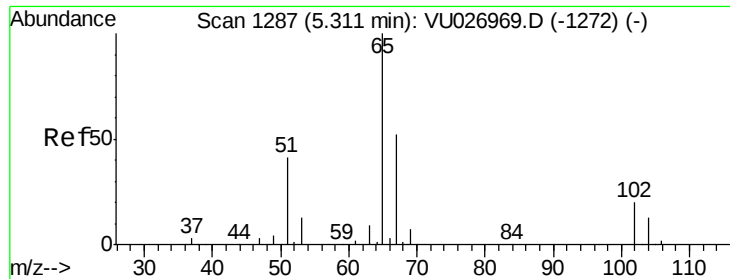
5000

0

2.65 2.70 2.75

Time-->

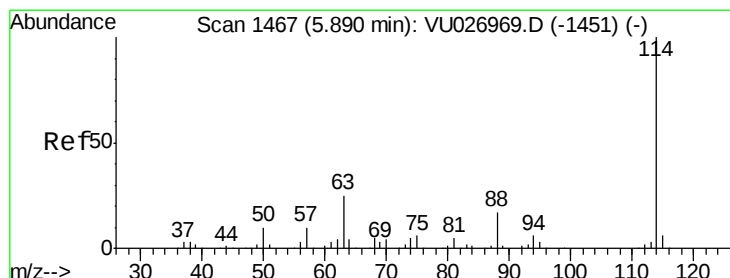
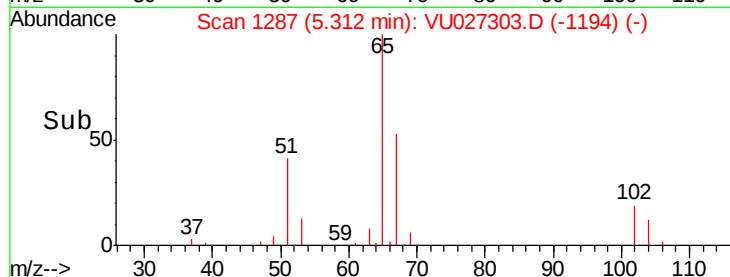
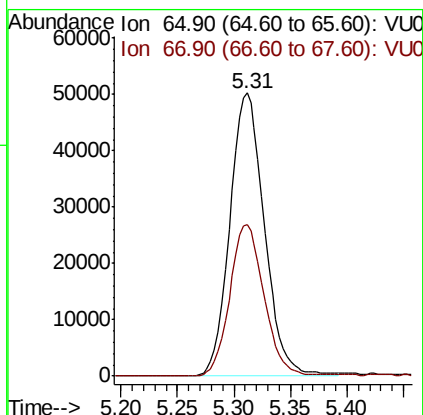
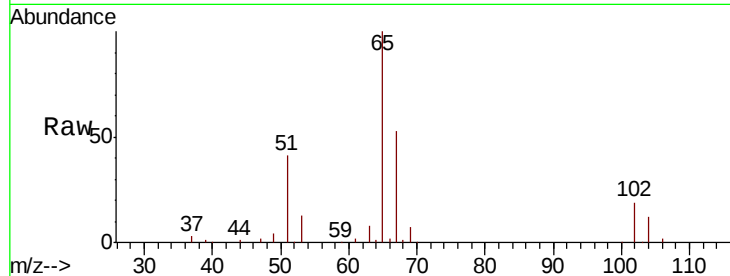




#33
 1,2-Dichloroethane-d4
 Concen: 49.511 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027303.D
 Acq: 29 Sep 2018 04:15

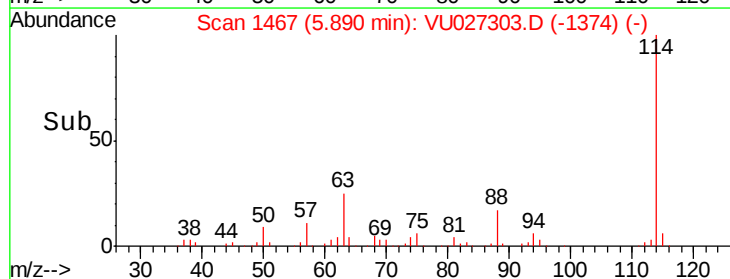
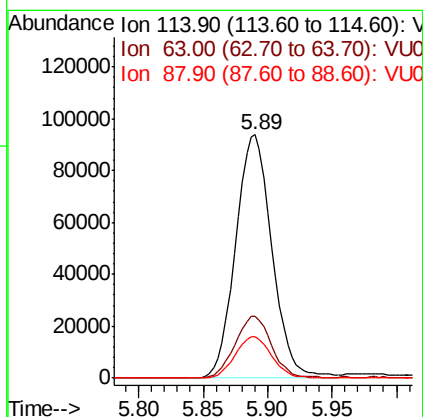
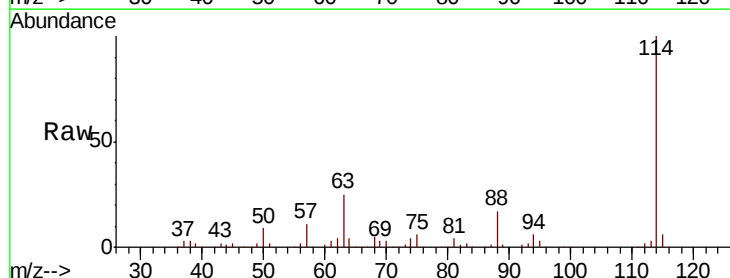
Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-B

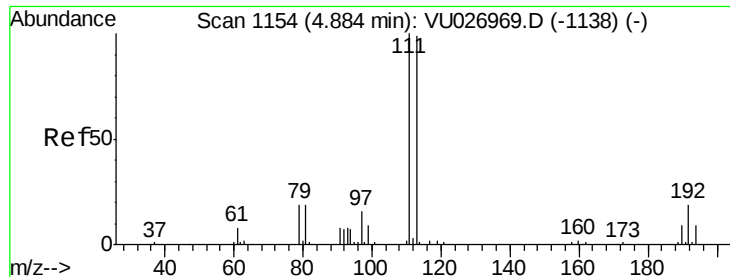
Tot Ion: 65 Resp: 107100
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027303.D
 Acq: 29 Sep 2018 04:15

Tgt Ion: 114 Resp: 184169
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.0 0.0 33.8

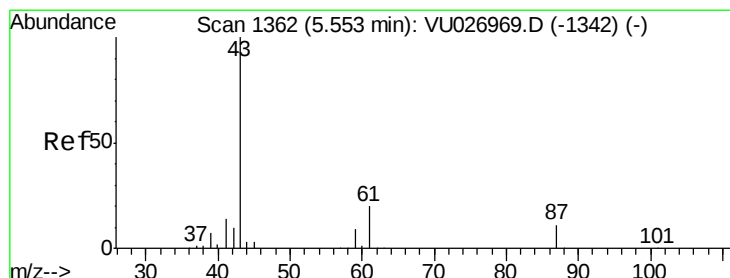
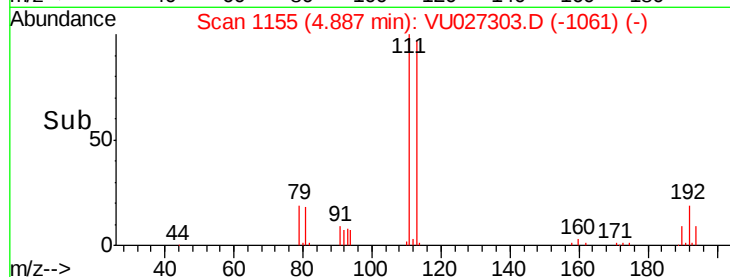
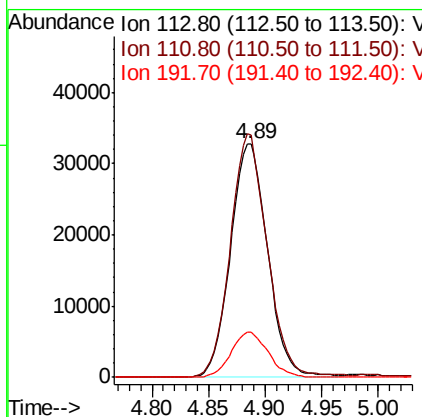
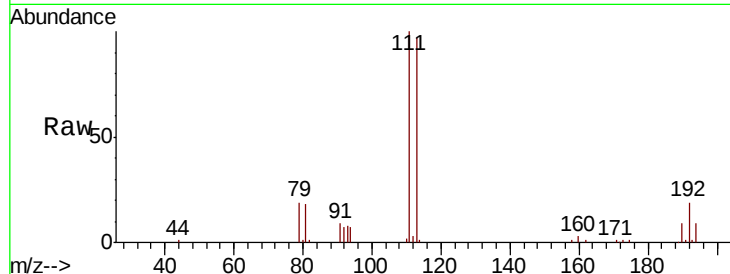




#35
 Dibromofluoromethane
 Concen: 46.924 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027303.D
 Acq: 29 Sep 2018 04:15

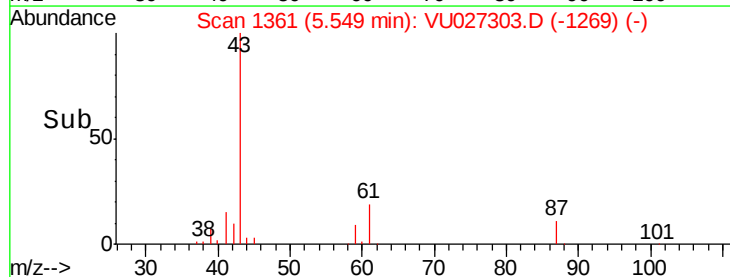
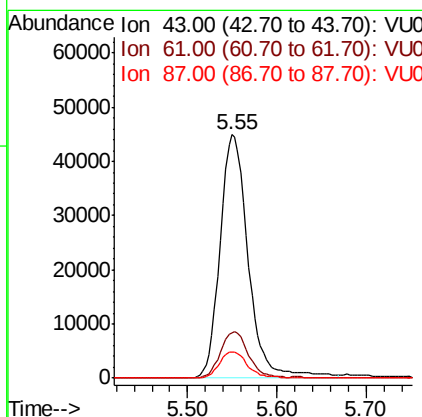
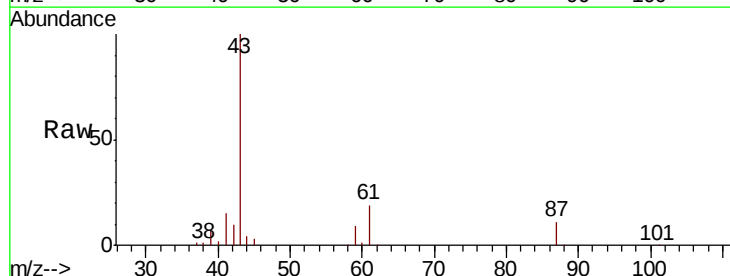
Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-B

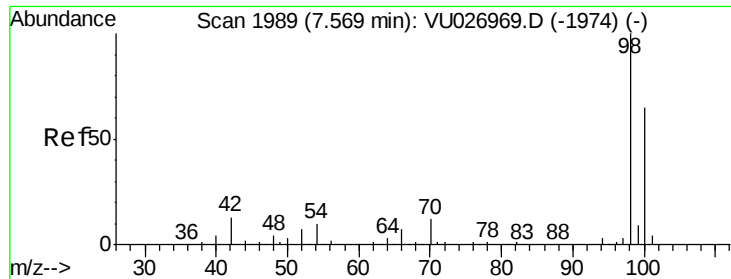
Tot Ion:113 Resp: 74909
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 19.3 15.2 22.8



#43
 Isopropyl Acetate
 Concen: 20.337 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027303.D
 Acq: 29 Sep 2018 04:15

Tgt Ion: 43 Resp: 98688
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.7 23.5
 87 10.8 9.0 13.4





#50

Toluene-d8

Concen: 48.104 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027303.D

Acq: 29 Sep 2018 04:15

Instrument :

MSVOA_U

ClientSampleId :

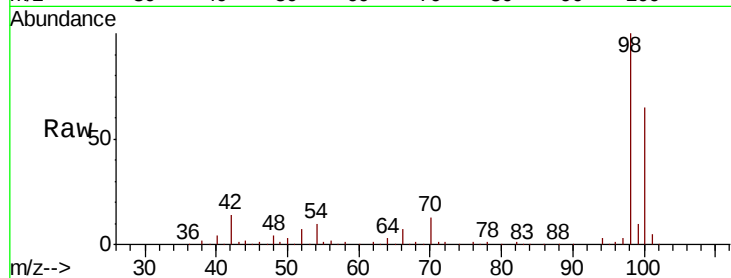
PL-01-092718-B

Tot Ion: 98 Resp: 292659

Ion Ratio Lower Upper

98 100

100 64.9 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

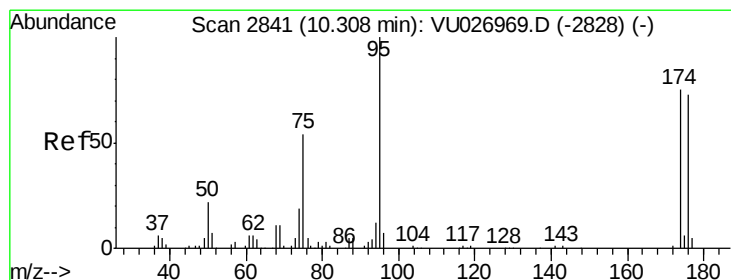
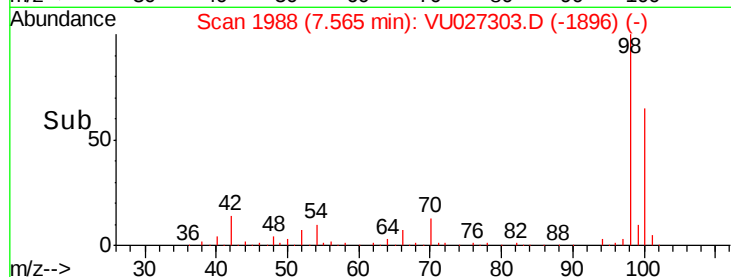
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.533 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027303.D

Acq: 29 Sep 2018 04:15

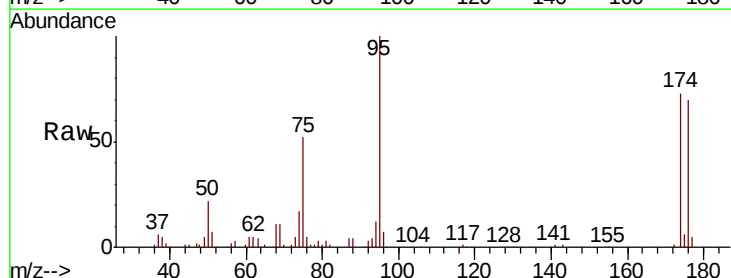
Tgt Ion: 95 Resp: 99228

Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.2

176 69.8 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

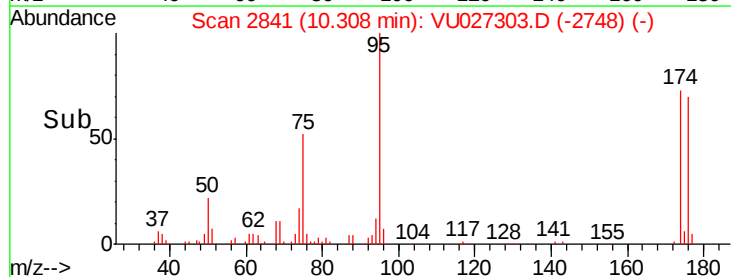
40000

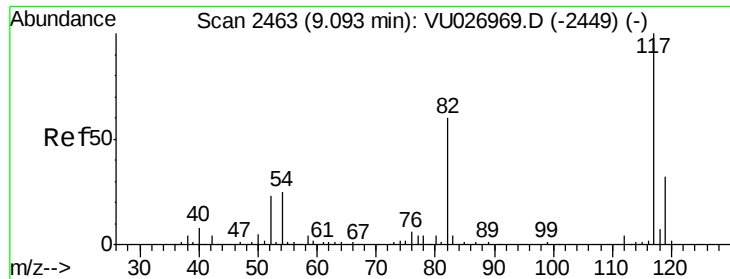
20000

0

10.30 10.40

Time-->

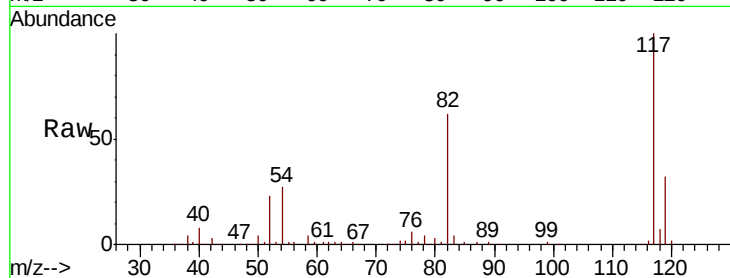




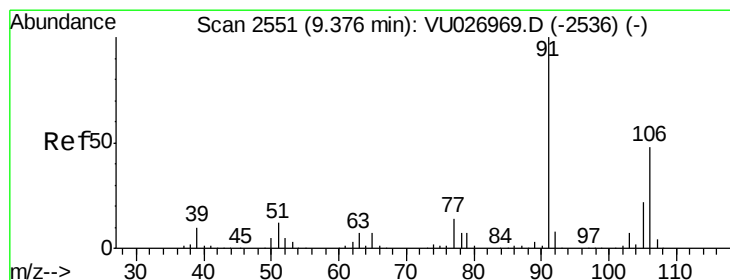
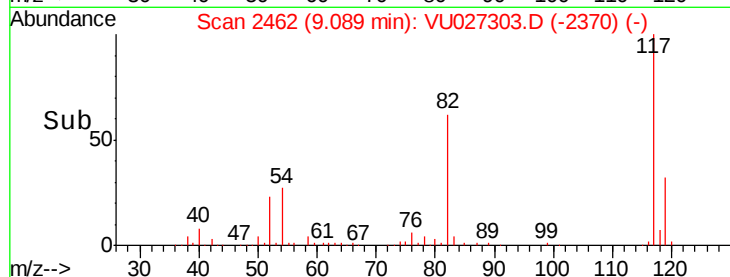
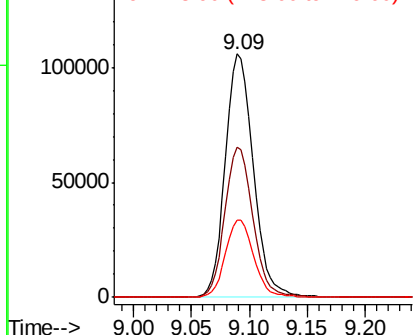
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027303.D
Acq: 29 Sep 2018 04:15

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-B

Tot Ion:117 Resp: 177652
Ion Ratio Lower Upper
117 100
82 61.6 48.0 72.0
119 31.8 25.8 38.8

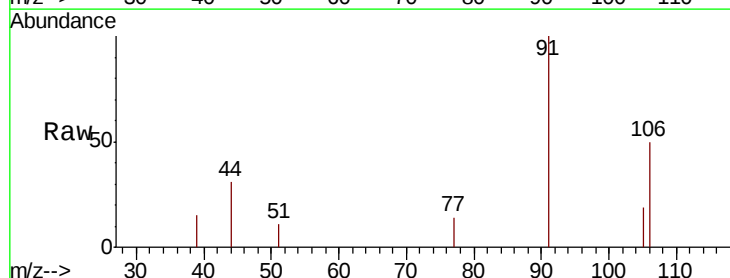


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

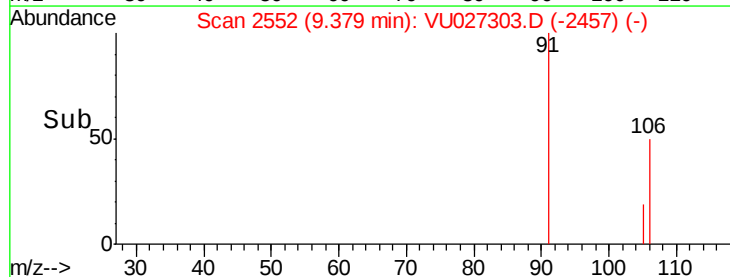
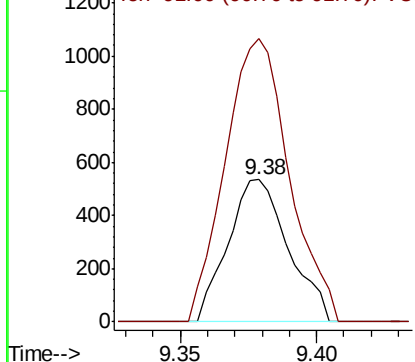


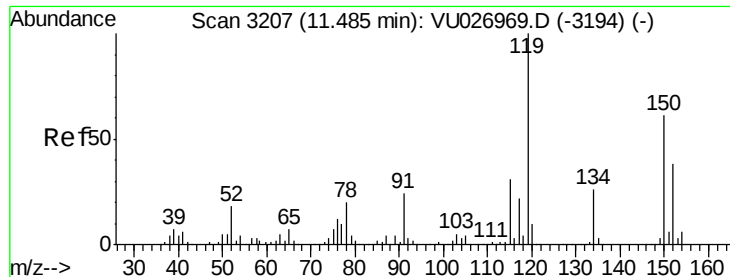
#68
m/p-Xylenes
Concen: 1.759 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027303.D
Acq: 29 Sep 2018 04:15

Tgt Ion:106 Resp: 823
Ion Ratio Lower Upper
106 100
91 210.7 166.5 249.7



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: VU027303.D

Acq: 29 Sep 2018 04:15

Instrument :

MSVOA_U

ClientSampleId :

PL-01-092718-B

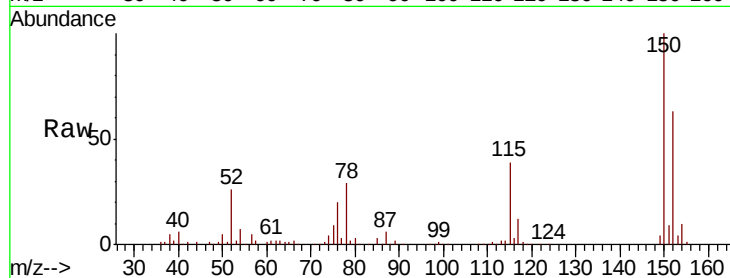
Tot Ion:152 Resp: 84289

Ion Ratio Lower Upper

152 100

115 61.3 44.9 134.5

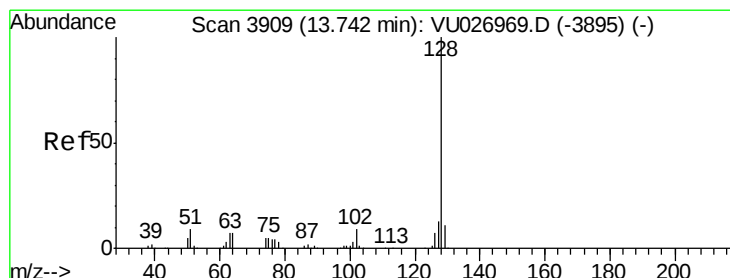
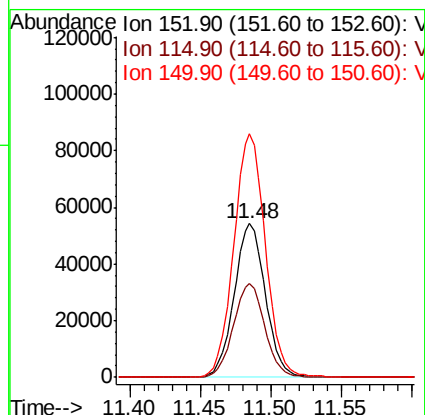
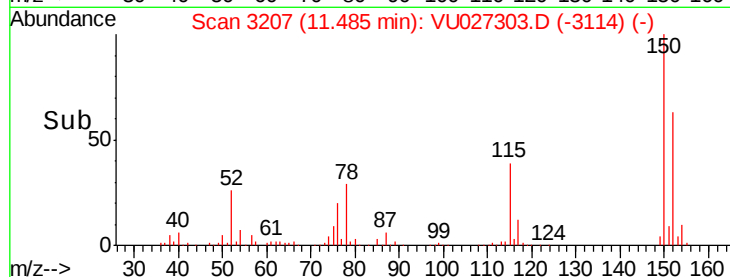
150 159.7 0.0 355.8



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



#95

Naphthalene

Concen: 5.794 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027303.D

Acq: 29 Sep 2018 04:15

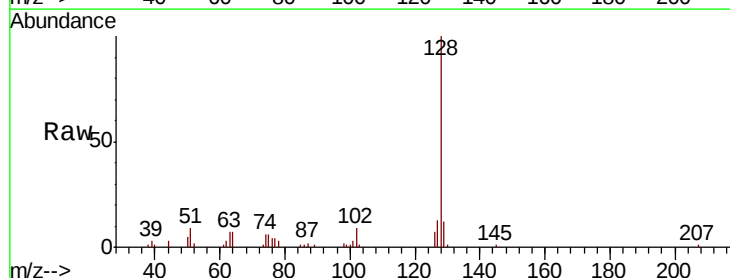
Tgt Ion:128 Resp: 29645

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

