

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025286.D
 Acq On : 10 Jul 2018 14:02
 Operator : MD/SY
 Sample : J3905-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-1-070518

Quant Time: Jul 11 09:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

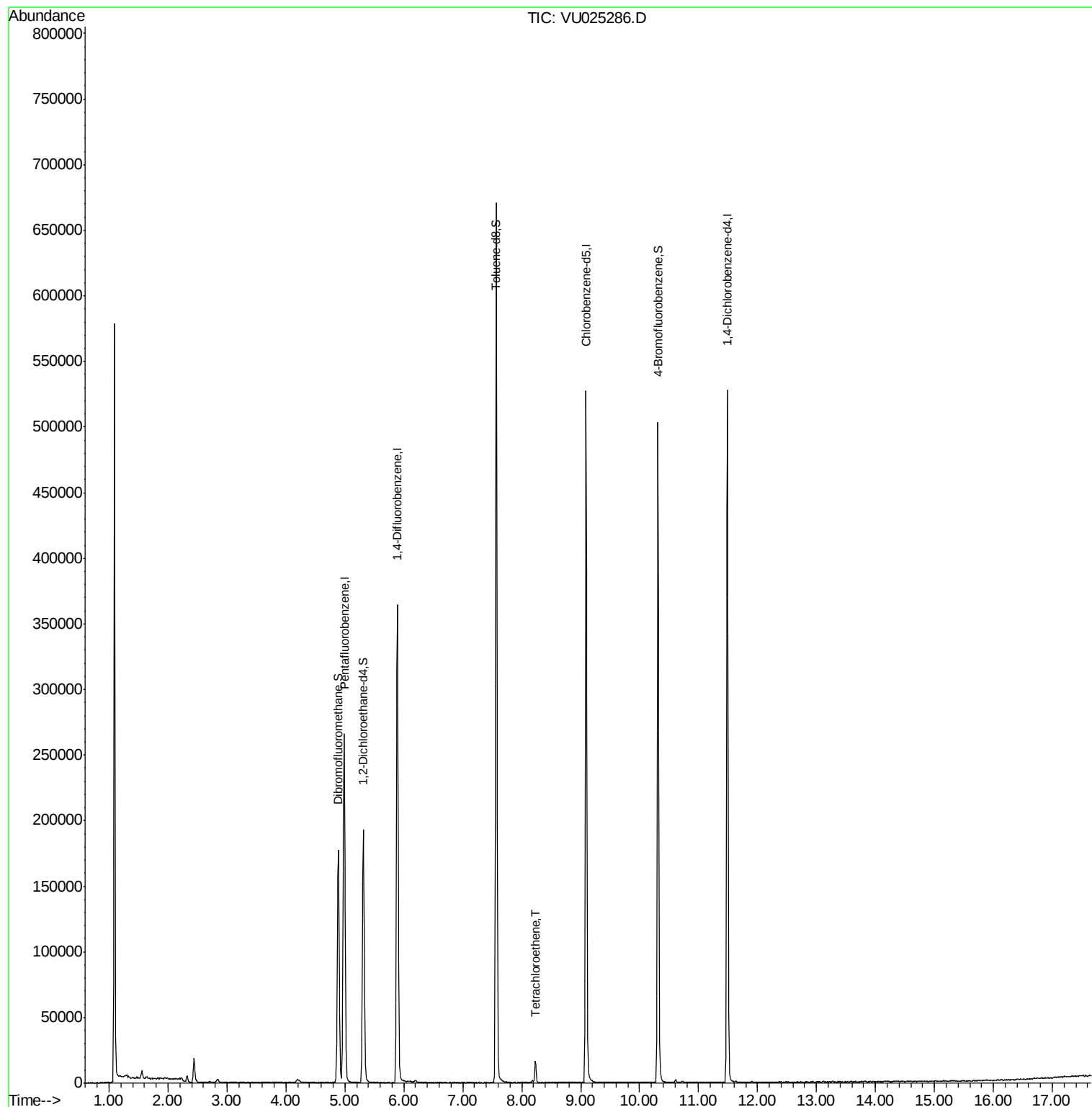
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	208437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309877	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154942	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.89	113	122207	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	7.57	98	448185	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	10.31	95	163865	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
64) Tetrachloroethene	8.23	164	3945	1.50	ug/l	Qvalue 94

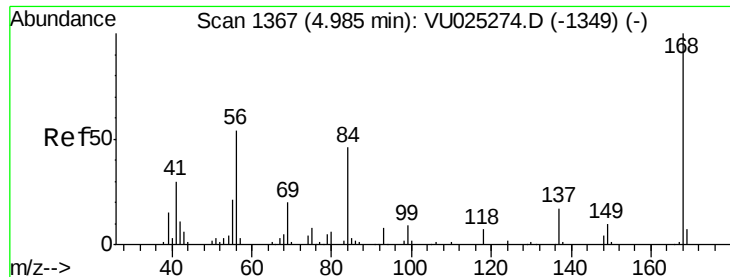
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025286.D

Acq: 10 Jul 2018 14:02

Instrument :

MSVOA_U

ClientSampleId :

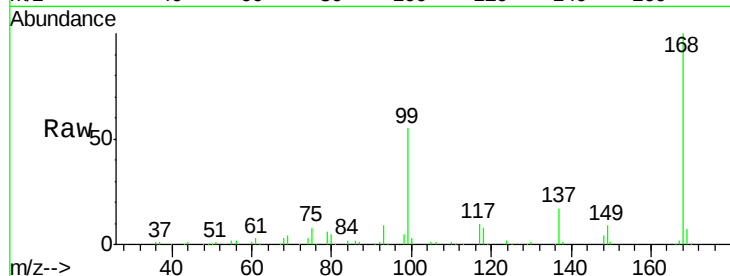
BR-1-070518

Tot Ion:168 Resp: 208437

Ion Ratio Lower Upper

168 100

99 55.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

100000

80000

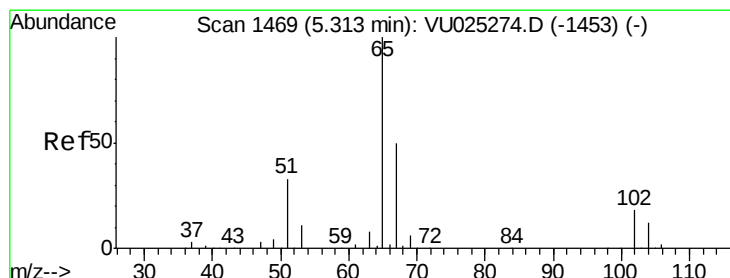
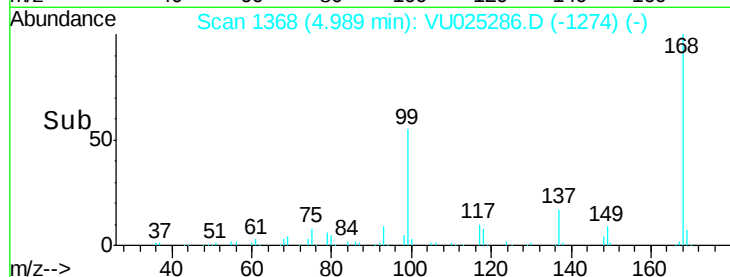
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.85 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025286.D

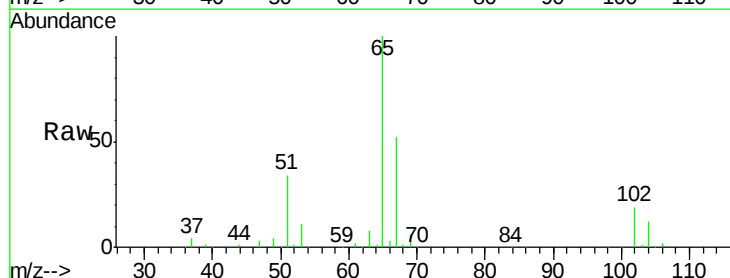
Acq: 10 Jul 2018 14:02

Tgt Ion: 65 Resp: 154942

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

80000

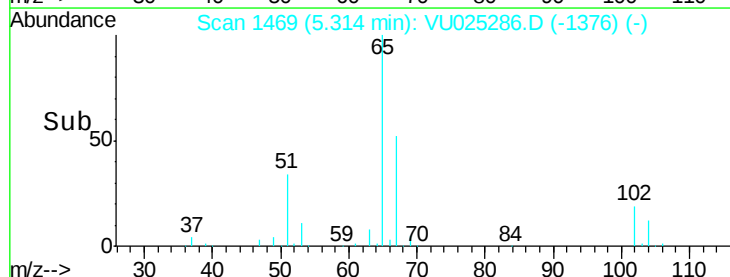
60000

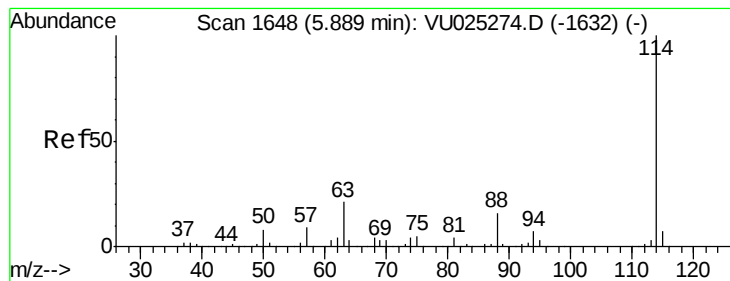
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025286.D

Acq: 10 Jul 2018 14:02

Instrument :

MSVOA_U

ClientSampleId :

BR-1-070518

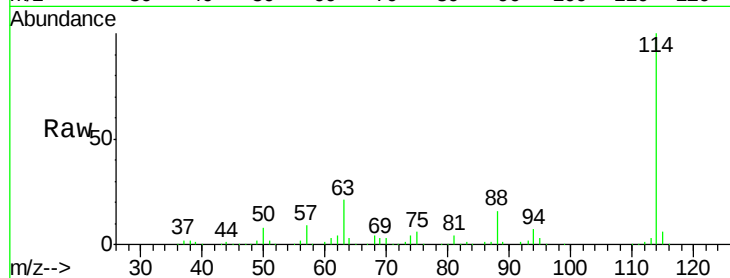
Tot Ion:114 Resp: 309877

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

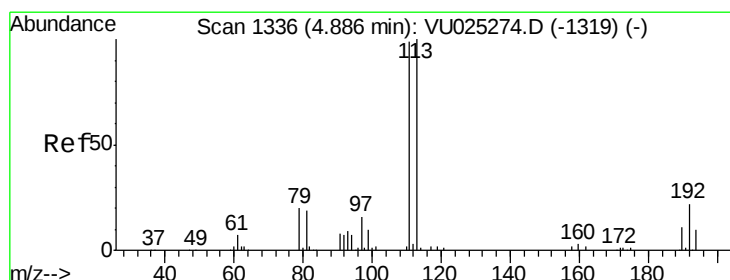
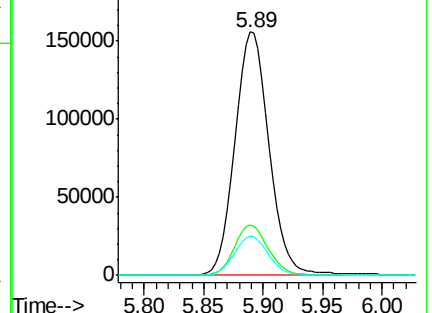
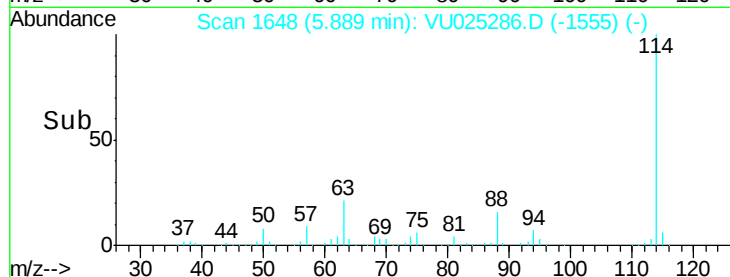
88 16.2 0.0 32.4



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: 46.75 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025286.D

Acq: 10 Jul 2018 14:02

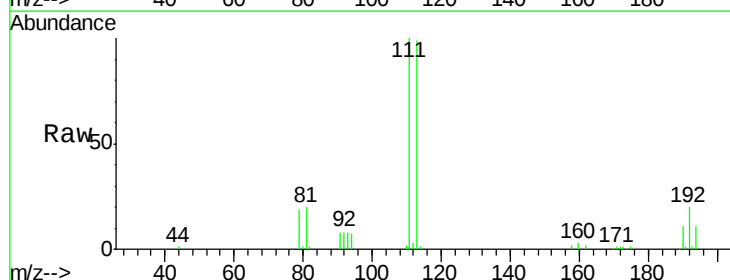
Tgt Ion:113 Resp: 122207

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

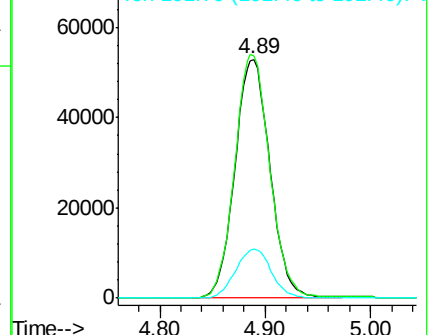
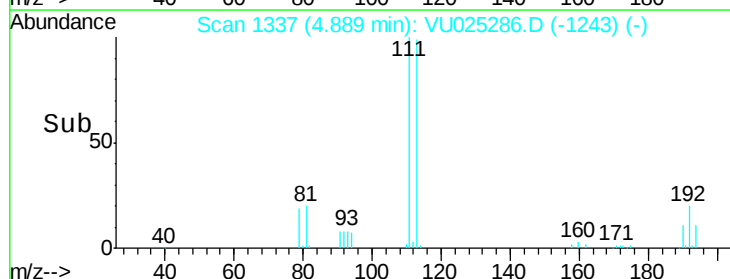
192 20.9 17.1 25.7

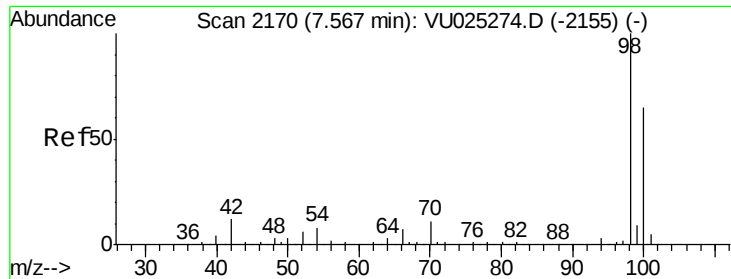


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.07 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025286.D

Acq: 10 Jul 2018 14:02

Instrument :

MSVOA_U

ClientSampleId :

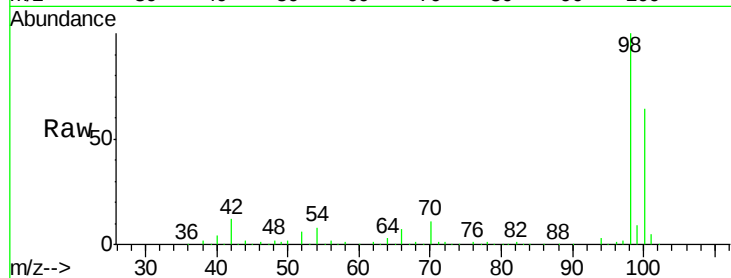
BR-1-070518

Tot Ion: 98 Resp: 448185

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

250000

200000

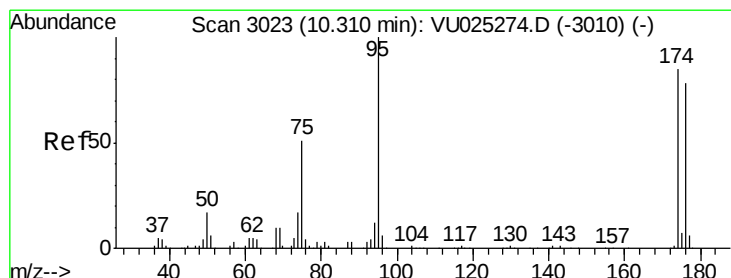
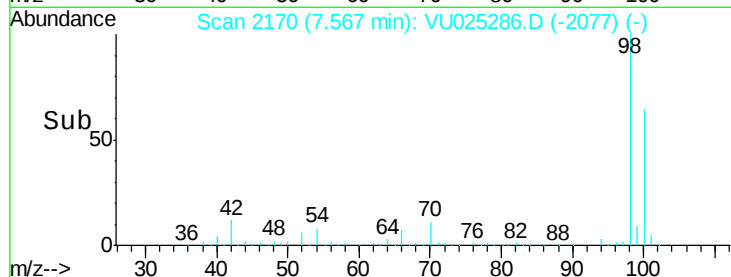
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.47 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025286.D

Acq: 10 Jul 2018 14:02

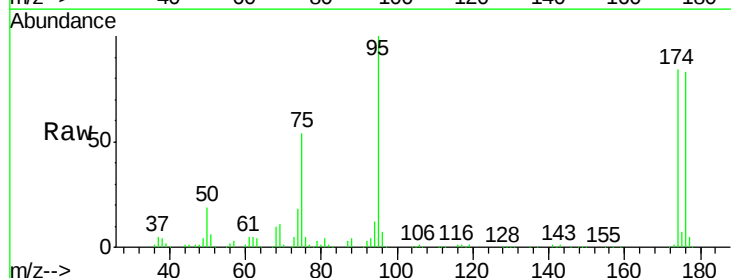
Tgt Ion: 95 Resp: 163865

Ion Ratio Lower Upper

95 100

174 84.9 0.0 172.2

176 83.0 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

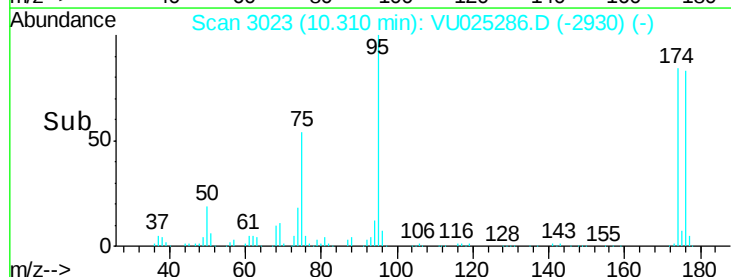
10.31

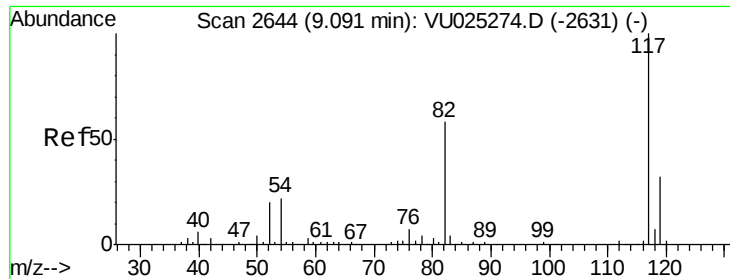
100000

50000

0

Time-->

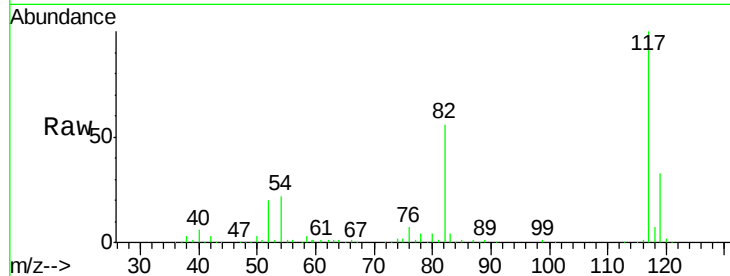




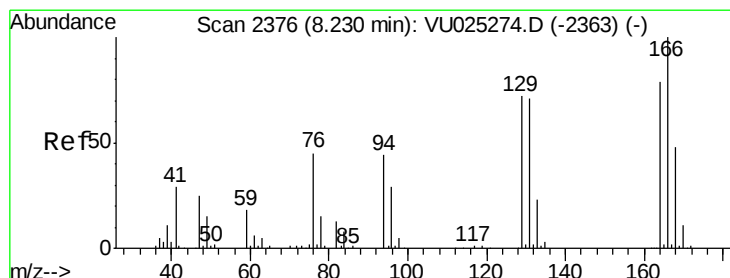
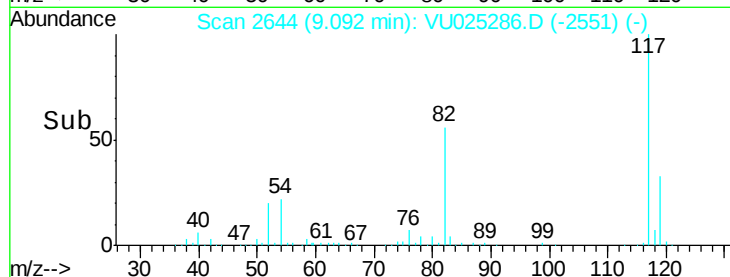
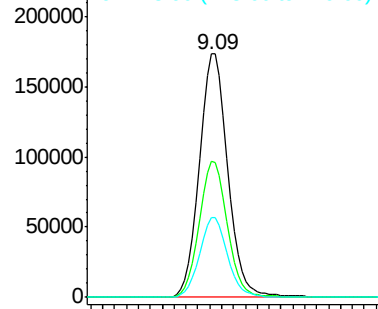
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025286.D
Acq: 10 Jul 2018 14:02

Instrument :
MSVOA_U
ClientSampleId :
BR-1-070518

Tot Ion:117 Resp: 287700
Ion Ratio Lower Upper
117 100
82 55.9 46.0 69.0
119 32.9 26.0 39.0

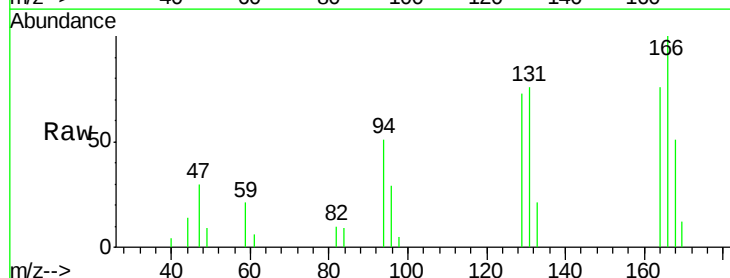


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

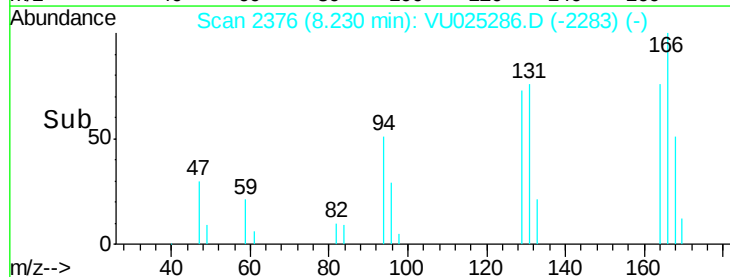
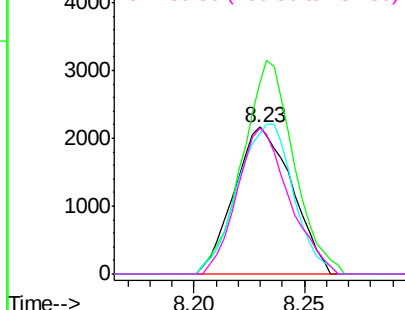


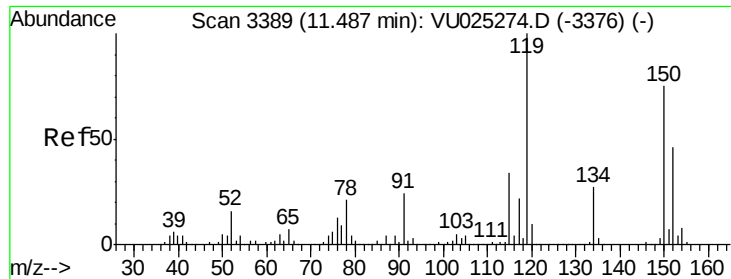
#64
Tetrachloroethene
Concen: 1.50 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025286.D
Acq: 10 Jul 2018 14:02

Tgt Ion:164 Resp: 3945
Ion Ratio Lower Upper
164 100
166 131.1 101.1 151.7
129 96.3 73.0 109.6
131 99.8 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

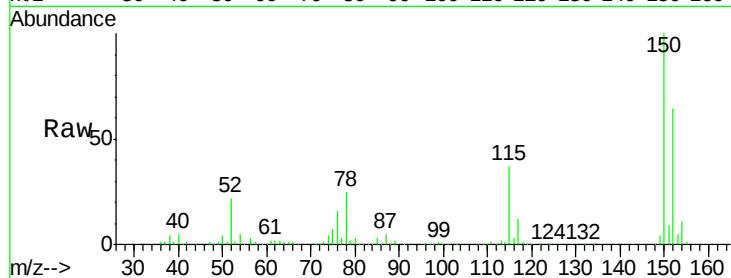




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025286.D
 Acq: 10 Jul 2018 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-1-070518

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.1	120.3
150	154.5	0.0	351.4



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

