

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025292.D
 Acq On : 10 Jul 2018 16:28
 Operator : MD/SY
 Sample : J3905-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-070518

Quant Time: Jul 11 09:20:56 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	203498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305255	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144797	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	154778	48.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.92%	
35) Dibromofluoromethane	4.89	113	119924	46.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.14%	
50) Toluene-d8	7.57	98	437771	49.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	10.31	95	163117	45.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.90%	

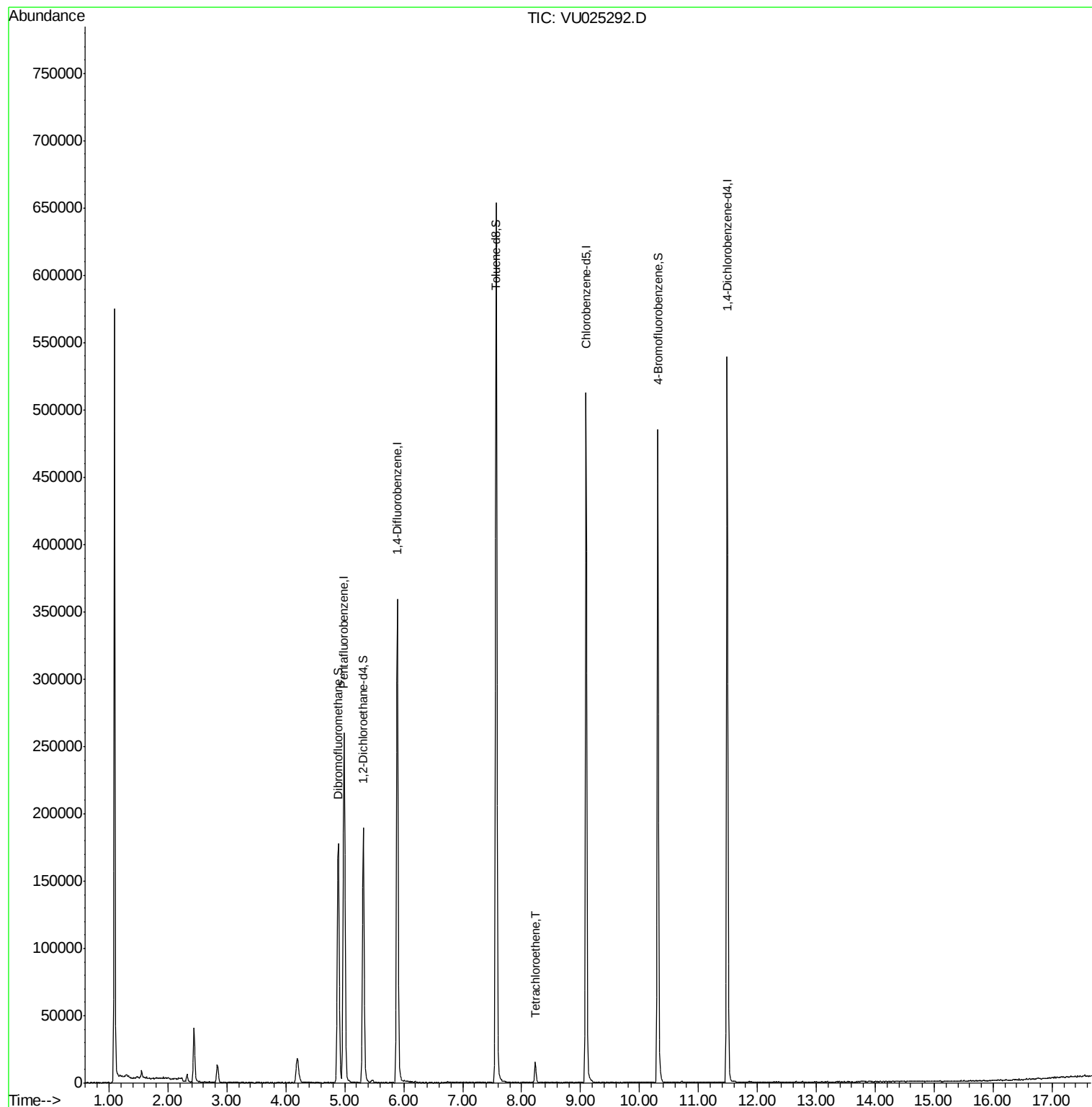
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.23	164	3865	1.50	ug/l	87

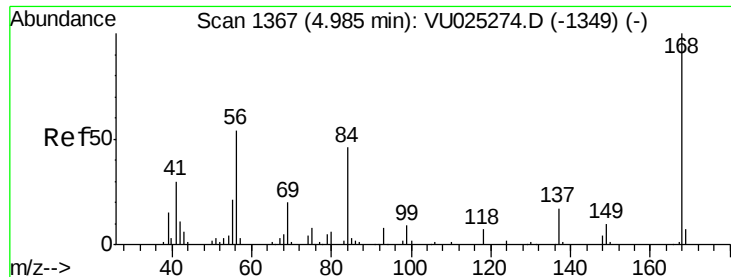
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025292.D

Acq: 10 Jul 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

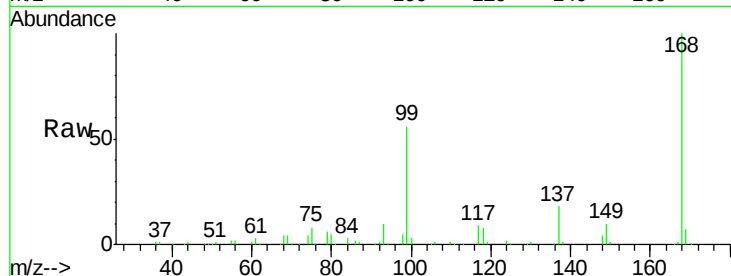
DUP-070518

Tot Ion:168 Resp: 203498

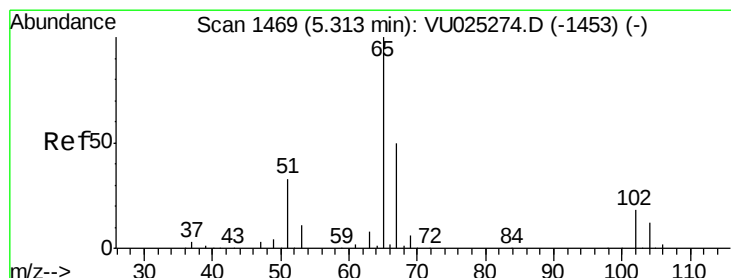
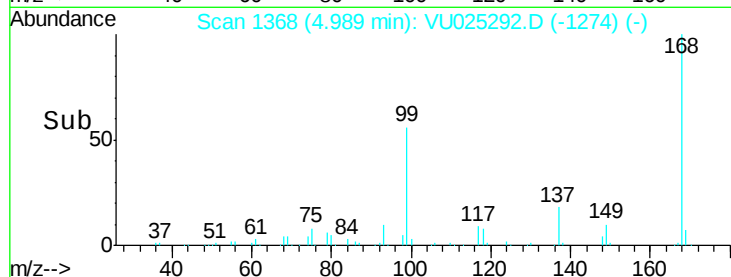
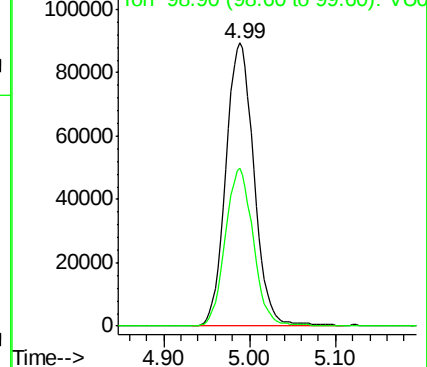
Ion Ratio Lower Upper

168 100

99 55.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025292.D (-1274) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.96 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025292.D

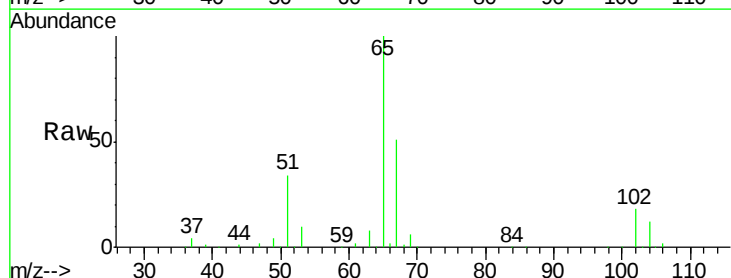
Acq: 10 Jul 2018 16:28

Tgt Ion: 65 Resp: 154778

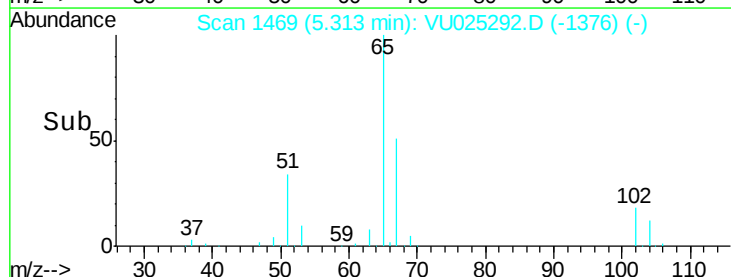
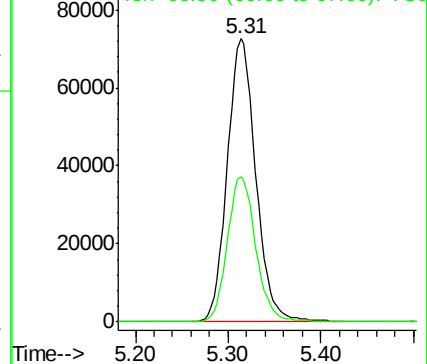
Ion Ratio Lower Upper

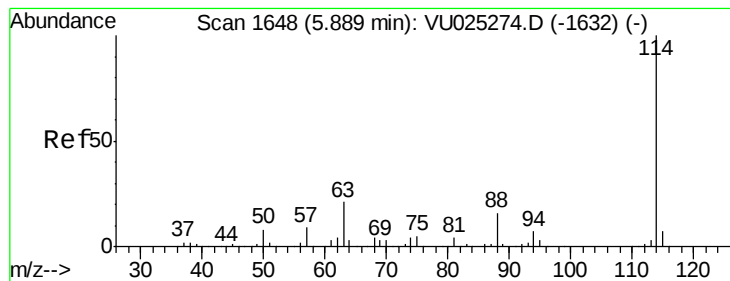
65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025292.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025292.D

Acq: 10 Jul 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

DUP-070518

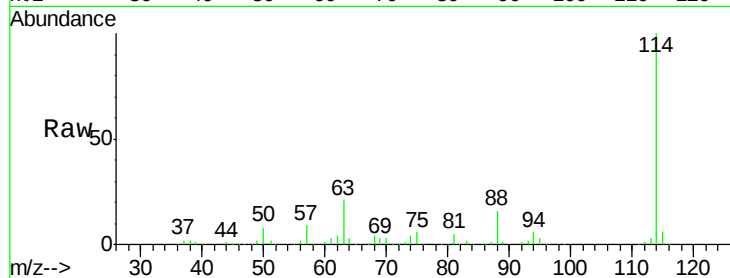
Tot Ion:114 Resp: 305255

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

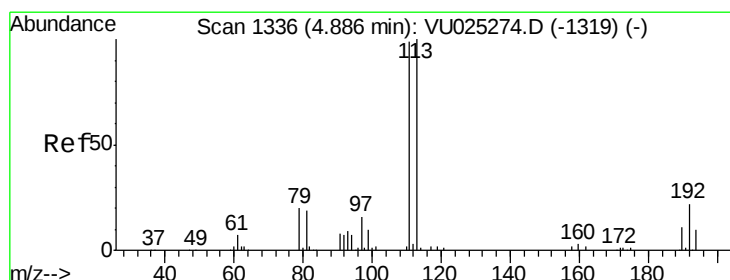
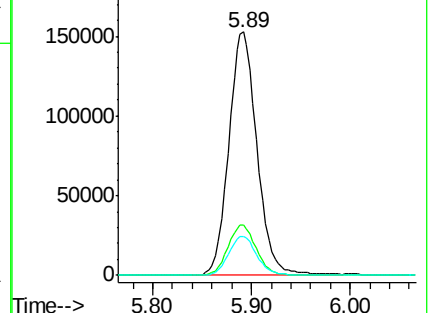
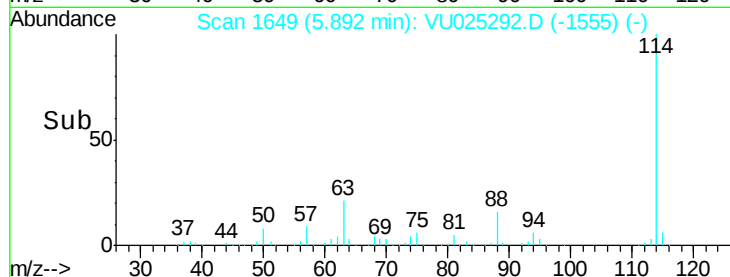
88 16.1 0.0 32.4



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: 46.57 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025292.D

Acq: 10 Jul 2018 16:28

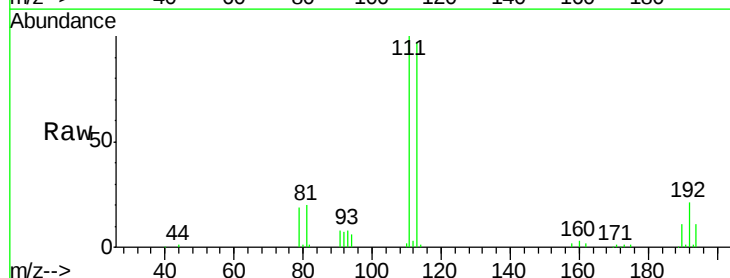
Tgt Ion:113 Resp: 119924

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

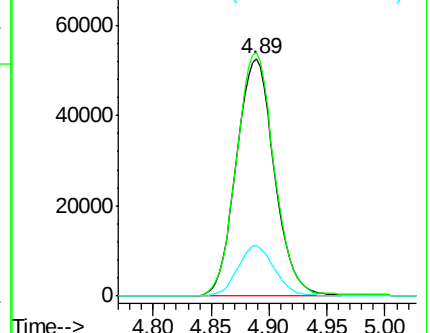
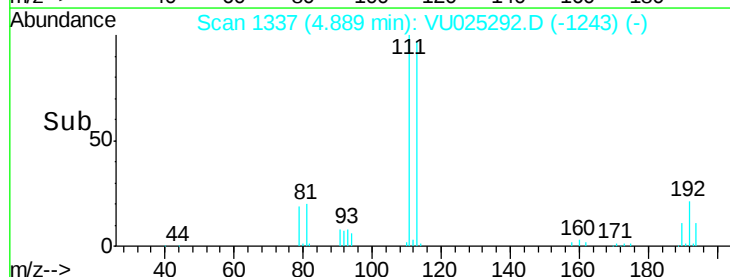
192 20.6 17.1 25.7

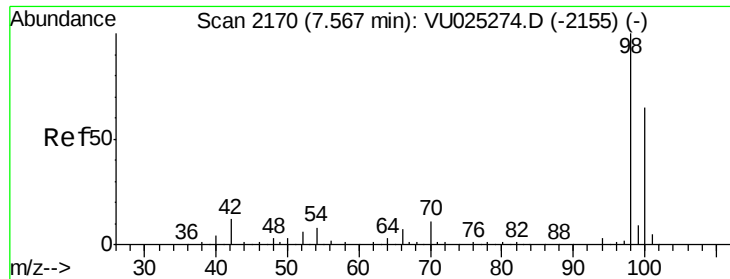


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.64 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025292.D

Acq: 10 Jul 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

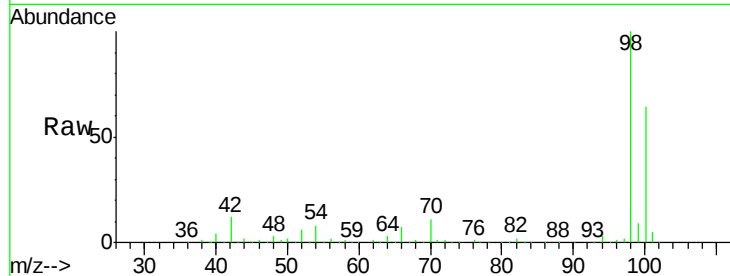
DUP-070518

Tot Ion: 98 Resp: 437771

Ion Ratio Lower Upper

98 100

100 64.8 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

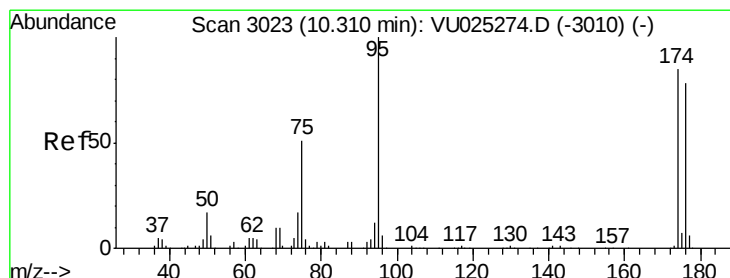
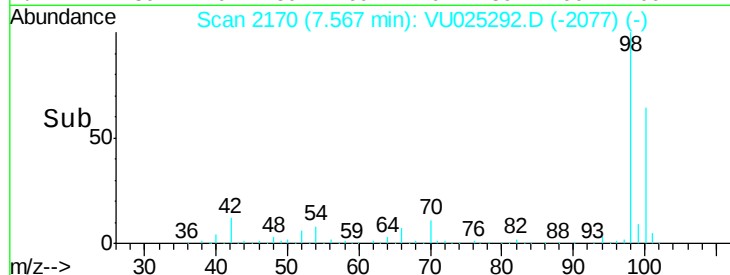
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.95 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025292.D

Acq: 10 Jul 2018 16:28

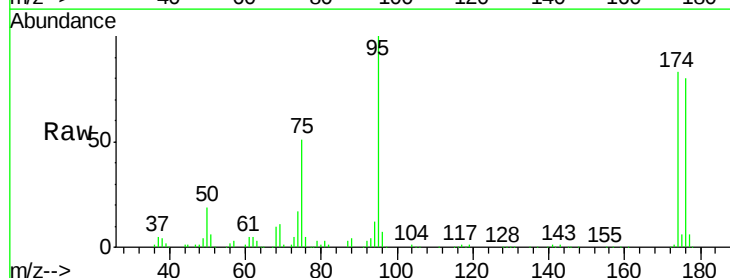
Tgt Ion: 95 Resp: 163117

Ion Ratio Lower Upper

95 100

174 84.5 0.0 172.2

176 81.4 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) (-)

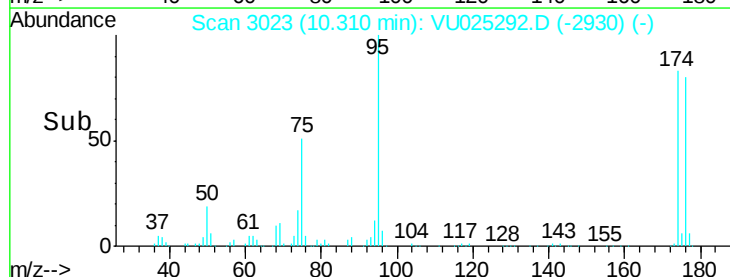
10.31

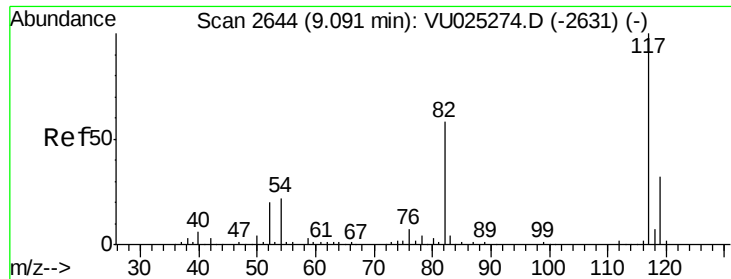
100000

50000

0

Time-->

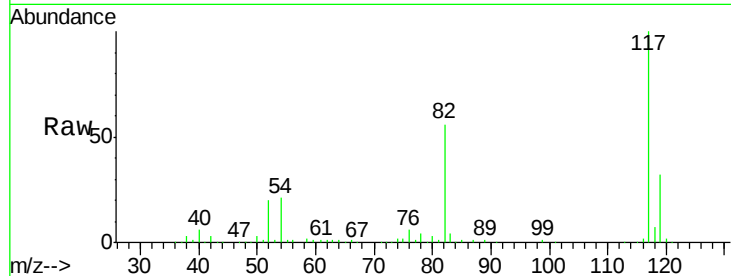




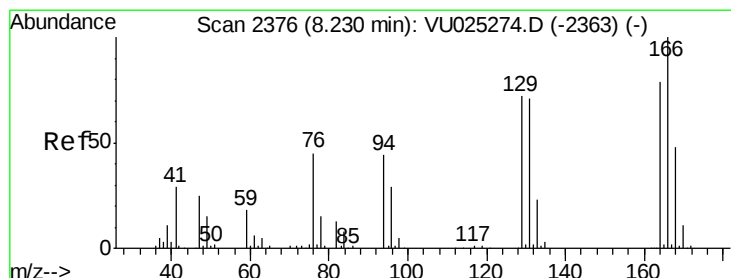
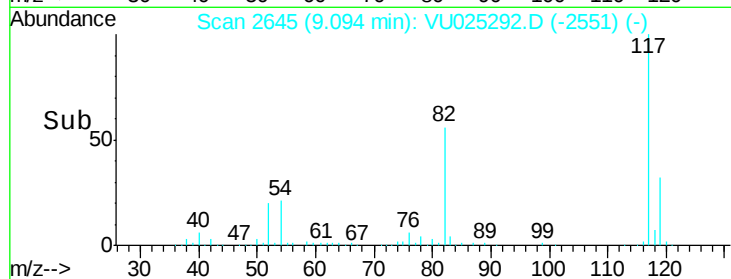
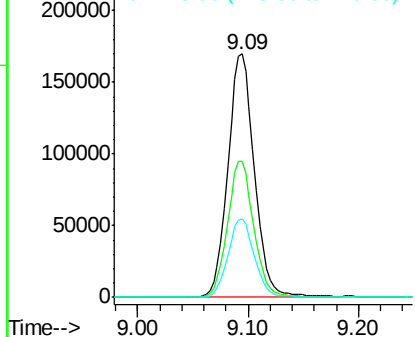
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025292.D
Acq: 10 Jul 2018 16:28

Instrument :
MSVOA_U
ClientSampleId :
DUP-070518

Tot Ion:117 Resp: 283184
Ion Ratio Lower Upper
117 100
82 55.9 46.0 69.0
119 32.5 26.0 39.0

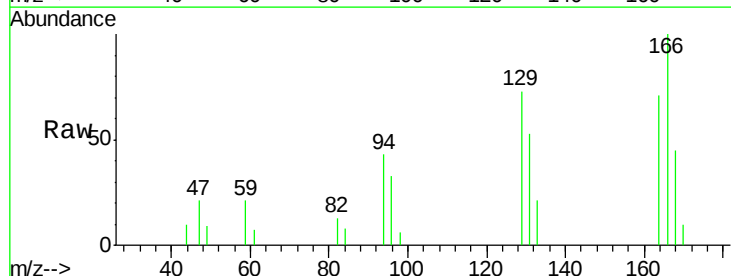


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

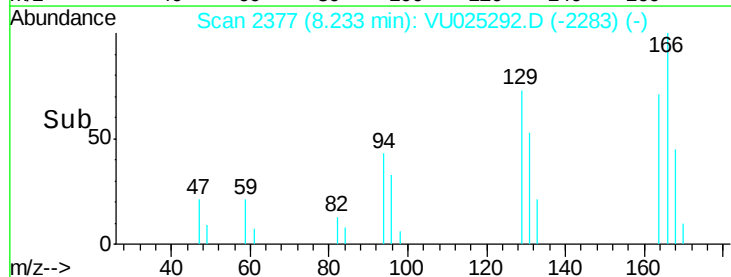
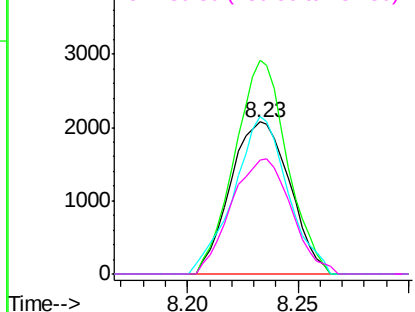


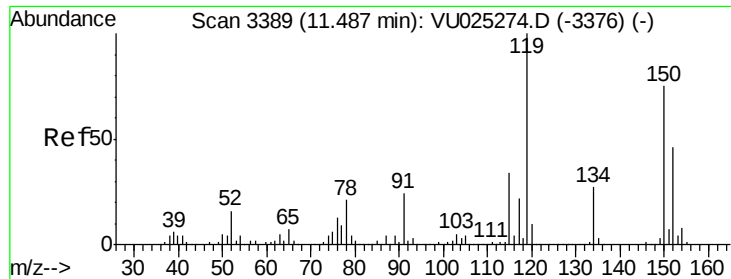
#64
Tetrachloroethene
Concen: 1.50 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025292.D
Acq: 10 Jul 2018 16:28

Tgt Ion:164 Resp: 3865
Ion Ratio Lower Upper
164 100
166 140.6 101.1 151.7
129 103.2 73.0 109.6
131 75.0 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: VU025292.D

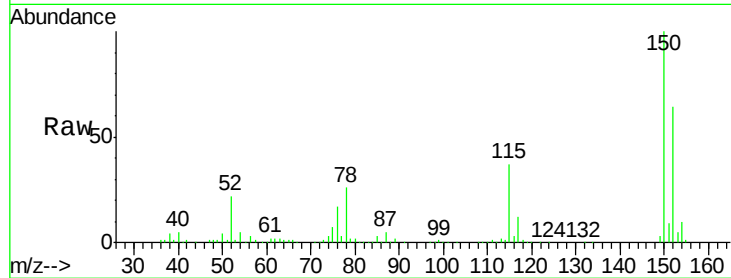
Acq: 10 Jul 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

DUP-070518



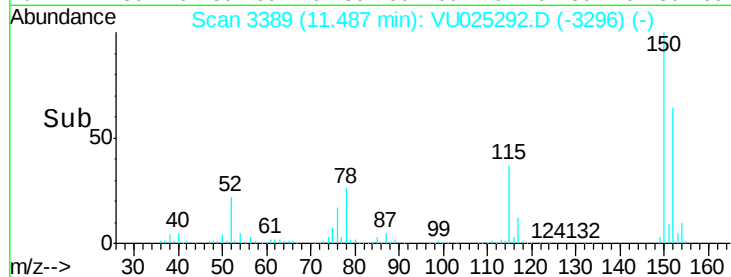
Tot Ion:152 Resp: 144797

Ion Ratio Lower Upper

152 100

115 58.4 40.1 120.3

150 156.8 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

