

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028050.D
 Acq On : 09 Nov 2018 17:21
 Operator : MD/SY
 Sample : J5885-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Quant Time: Nov 12 07:23:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

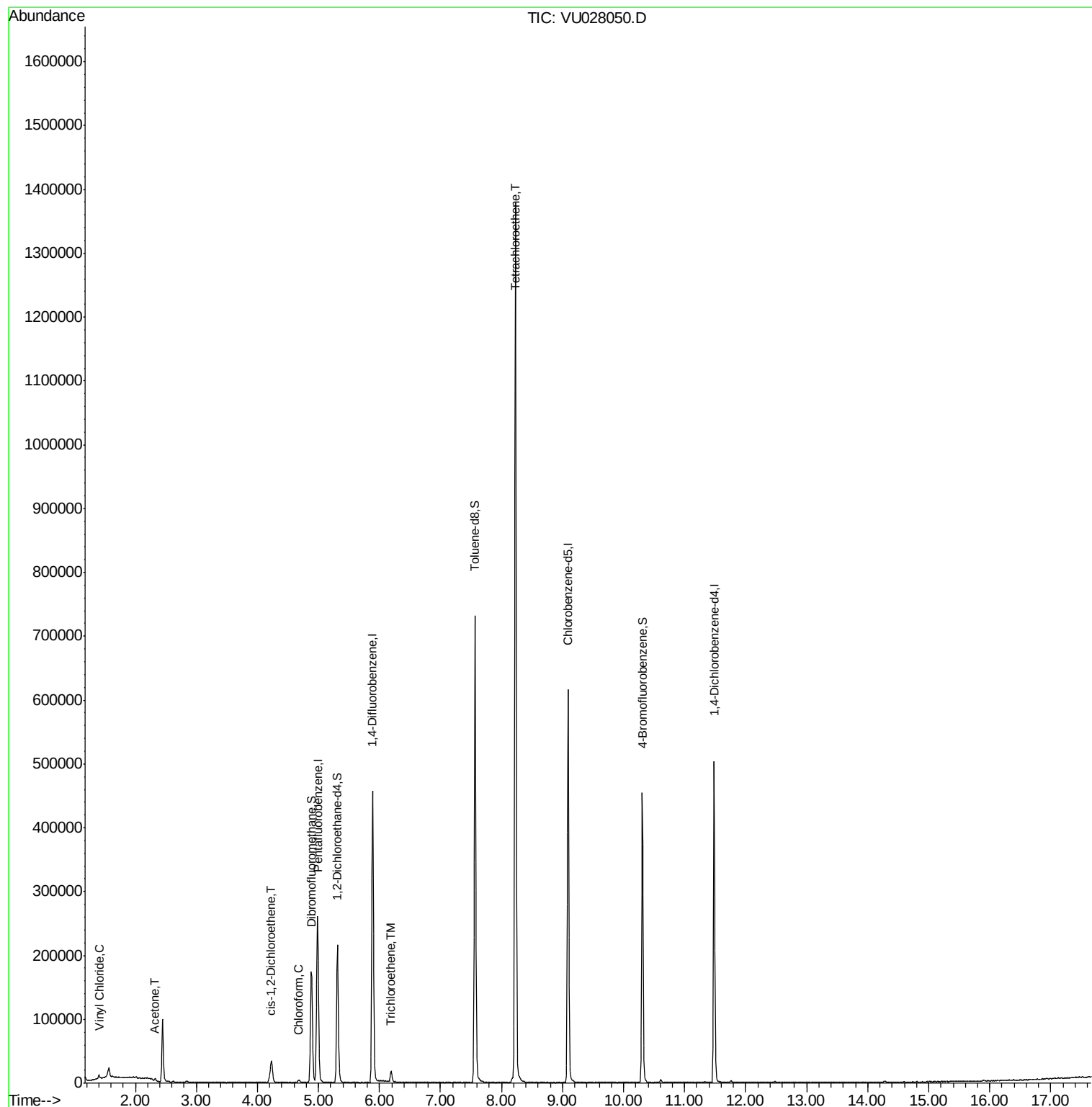
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	367560	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	323907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	125769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	163527	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	4.88	113	120434	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	7.57	98	479806	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	10.31	95	151408	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3521	1.210	ug/l	95
16) Acetone	2.32	43	4583	2.603	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	17293	6.680	ug/l	92
30) Chloroform	4.68	83	5012	1.087	ug/l #	84
44) Trichloroethene	6.19	130	6084	2.405	ug/l	92
64) Tetrachloroethene	8.23	164	296923	141.372	ug/l	98

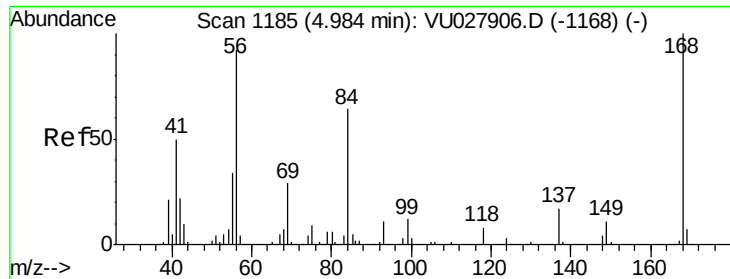
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

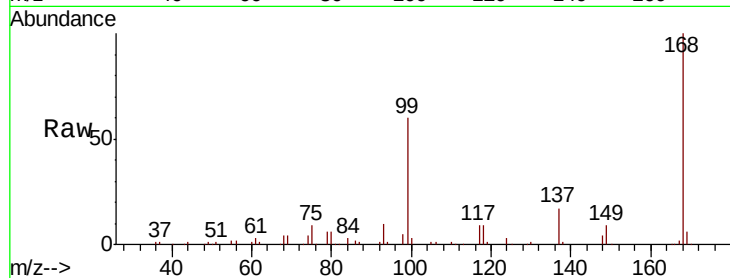
MW-8

Tot Ion:168 Resp: 190857

Ion Ratio Lower Upper

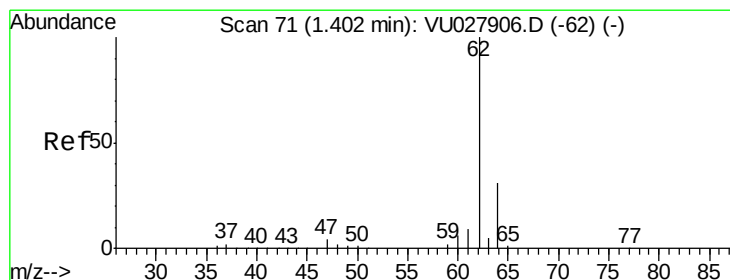
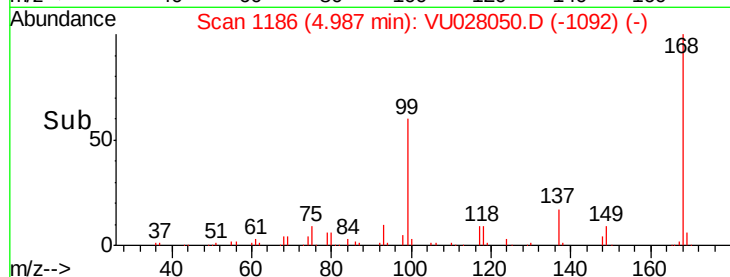
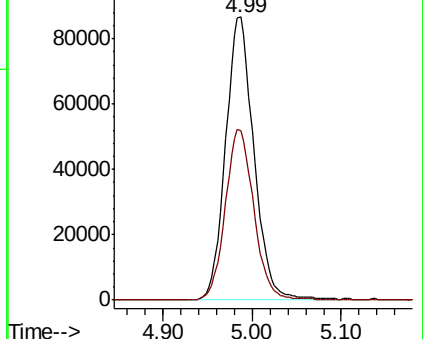
168 100

99 59.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028050.D (-1092) (-)



#4

Vinyl Chloride

Concen: 1.210 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028050.D

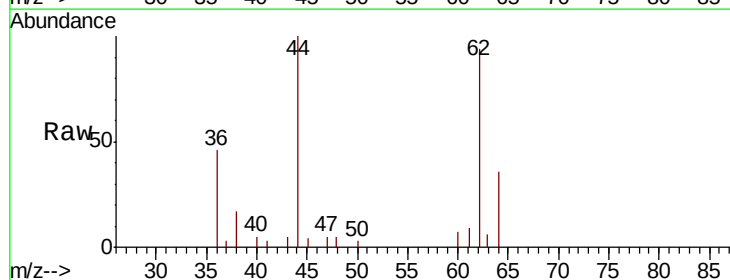
Acq: 09 Nov 2018 17:21

Tgt Ion: 62 Resp: 3521

Ion Ratio Lower Upper

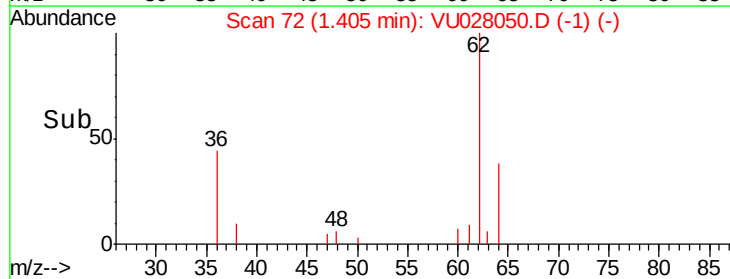
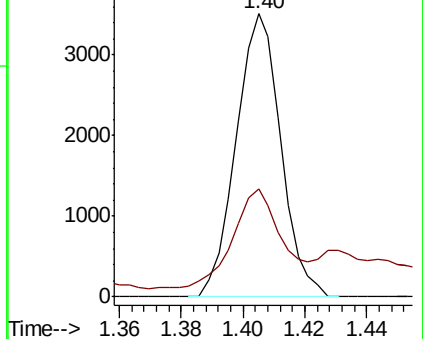
62 100

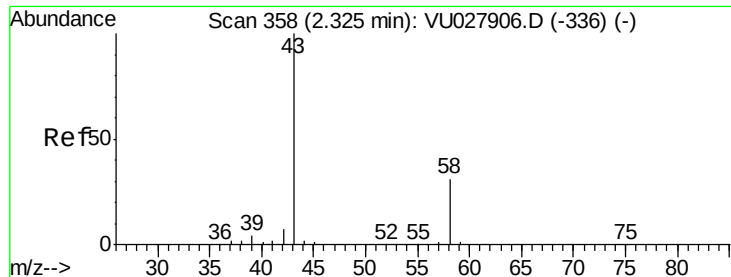
64 34.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028050.D (-1) (-)





#16

Acetone

Concen: 2.603 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

Instrument :

MSVOA_U

ClientSampled :

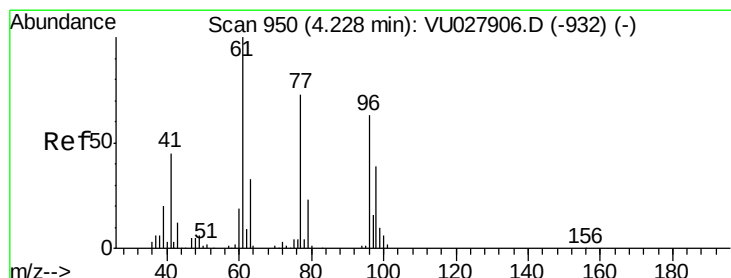
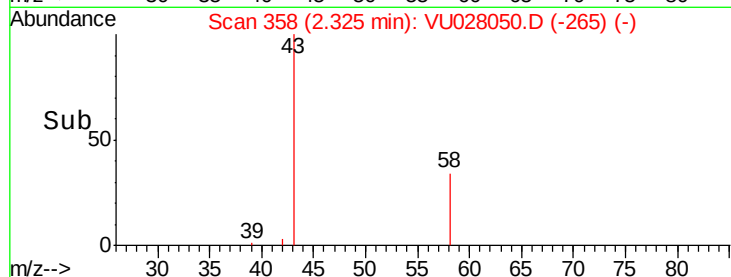
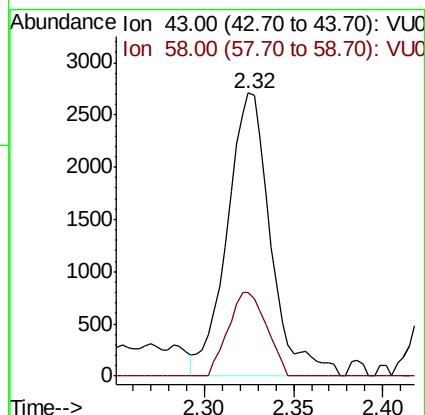
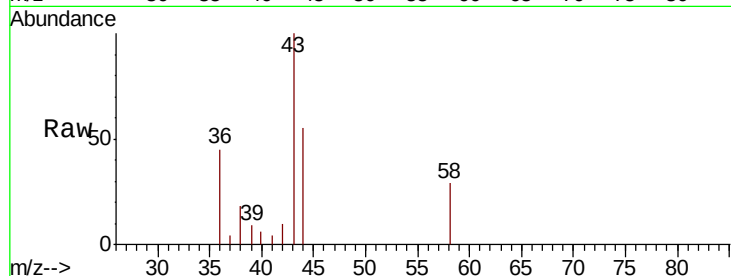
MW-8

Tot Ion: 43 Resp: 4583

Ion Ratio Lower Upper

43 100

58 29.5 24.6 37.0



#27

cis-1,2-Dichloroethene

Concen: 6.680 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

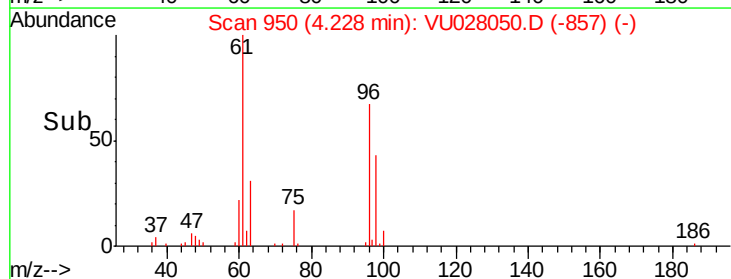
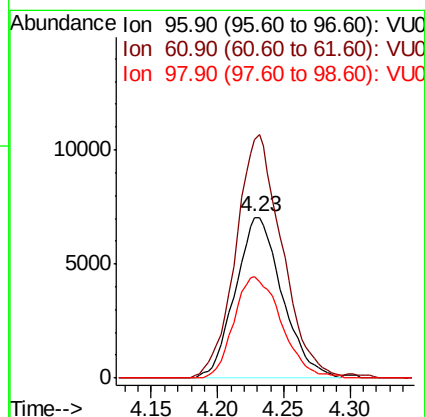
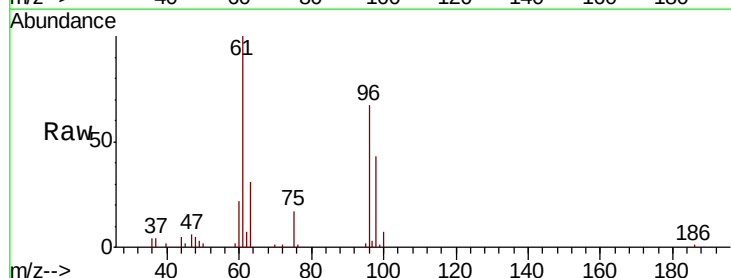
Tgt Ion: 96 Resp: 17293

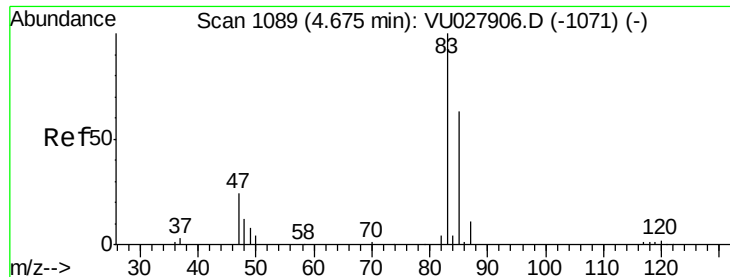
Ion Ratio Lower Upper

96 100

61 149.5 0.0 329.6

98 63.9 0.0 127.2

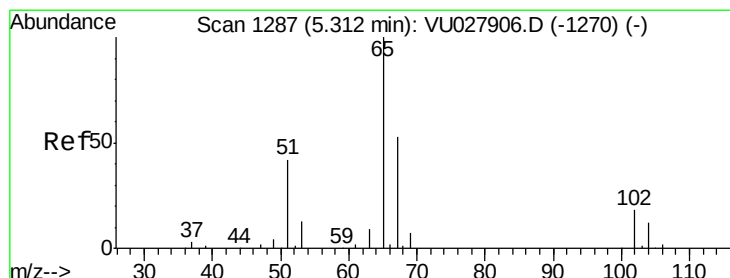
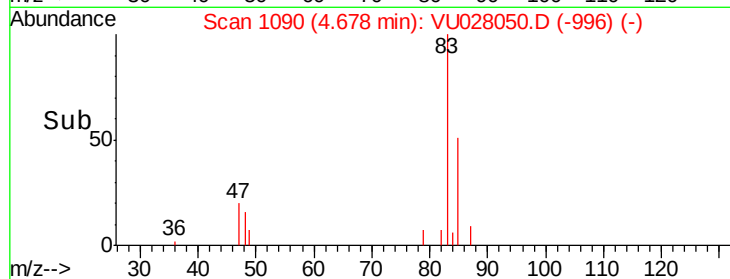
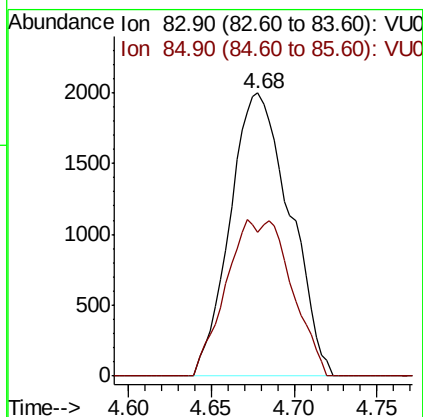
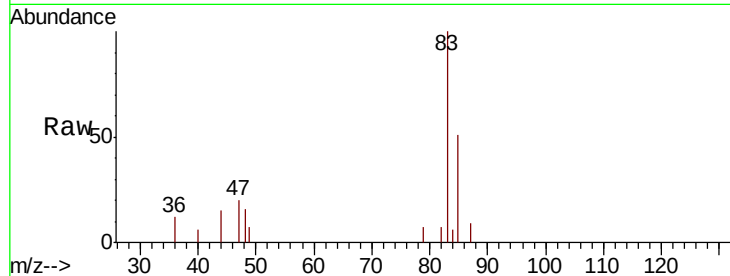




#30
Chloroform
Concen: 1.087 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028050.D
Acq: 09 Nov 2018 17:21

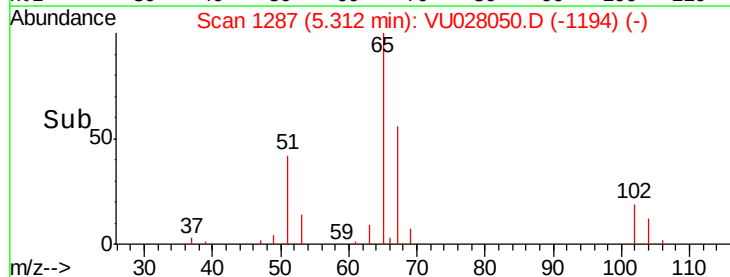
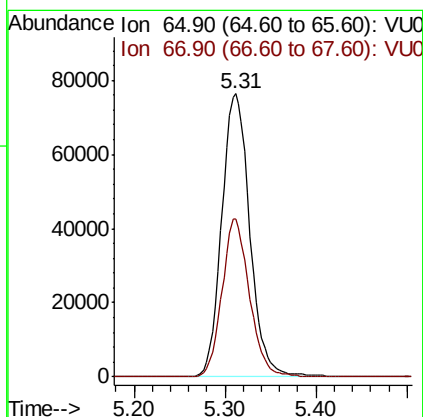
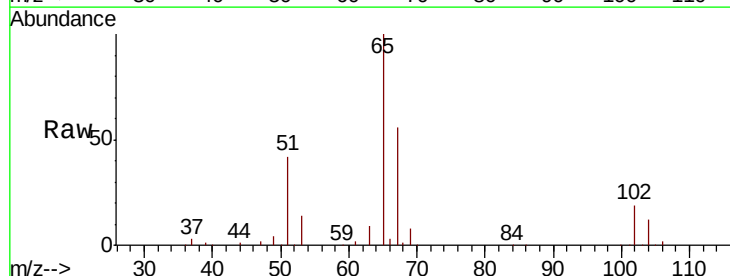
Instrument :
MSVOA_U
ClientSampleId :
MW-8

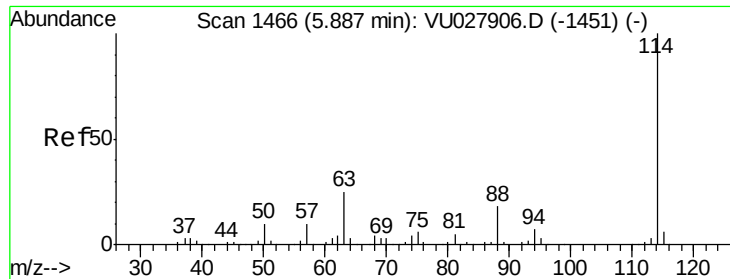
Tot Ion: 83 Resp: 5012
Ion Ratio Lower Upper
83 100
85 50.6 50.6 76.0#



#33
1,2-Dichloroethane-d4
Concen: 57.629 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028050.D
Acq: 09 Nov 2018 17:21

Tgt Ion: 65 Resp: 163527
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

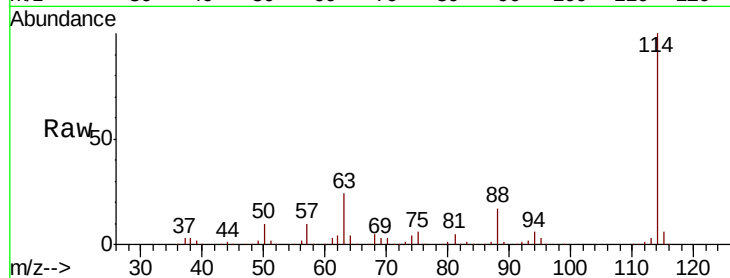




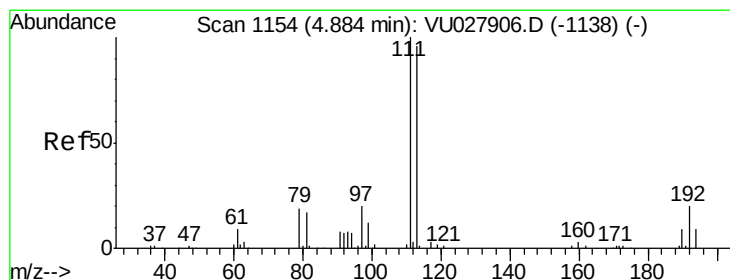
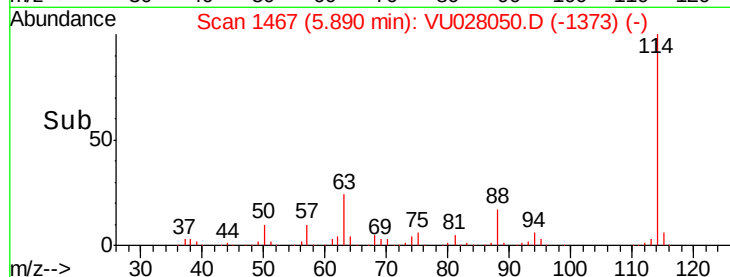
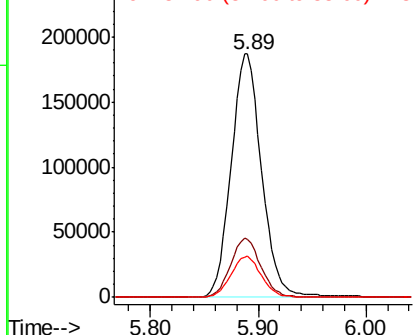
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028050.D
 Acq: 09 Nov 2018 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Tot Ion:114 Resp: 367560
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.8
 88 16.8 0.0 35.8

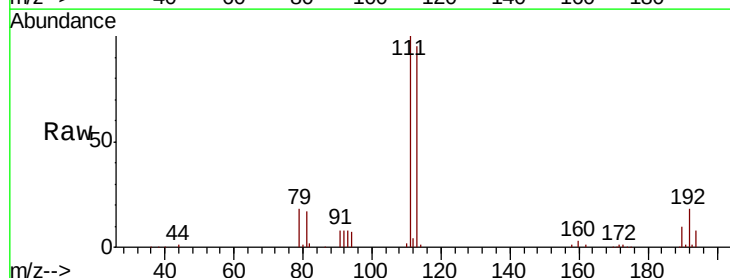


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

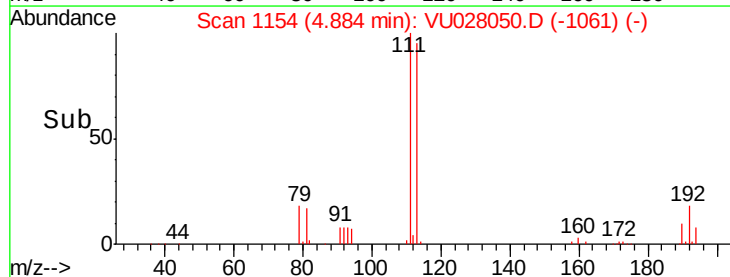
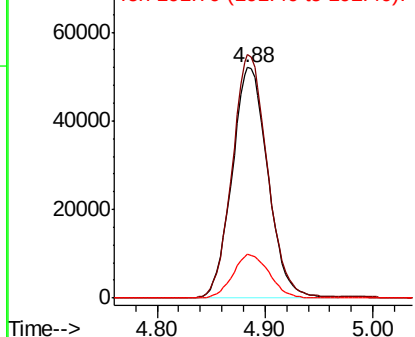


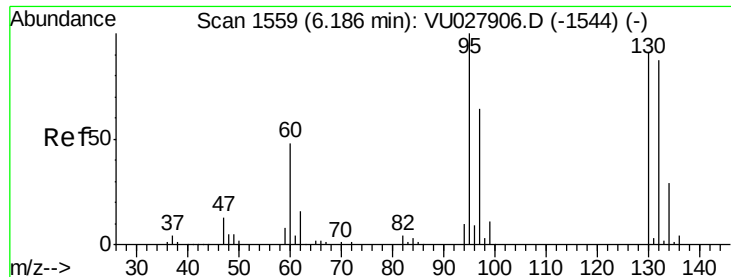
#35
 Dibromofluoromethane
 Concen: 51.967 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028050.D
 Acq: 09 Nov 2018 17:21

Tgt Ion:113 Resp: 120434
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 19.2 15.6 23.4



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





#44

Trichloroethene

Concen: 2.405 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

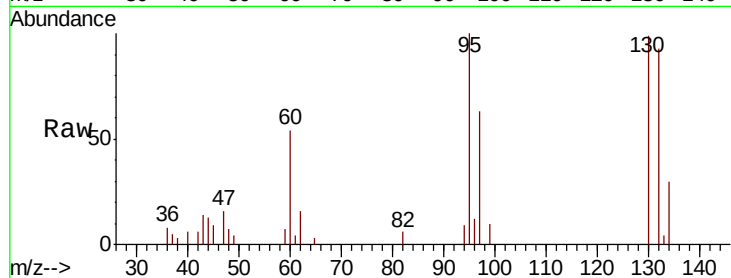
MW-8

Tot Ion:130 Resp: 6084

Ion Ratio Lower Upper

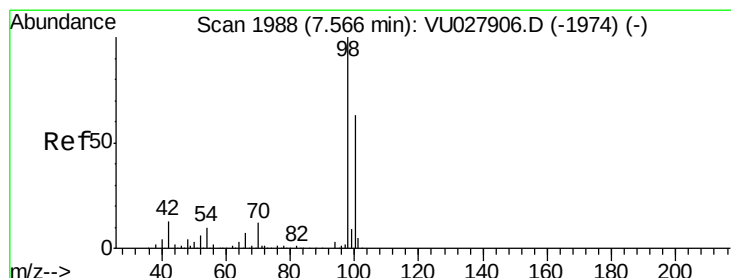
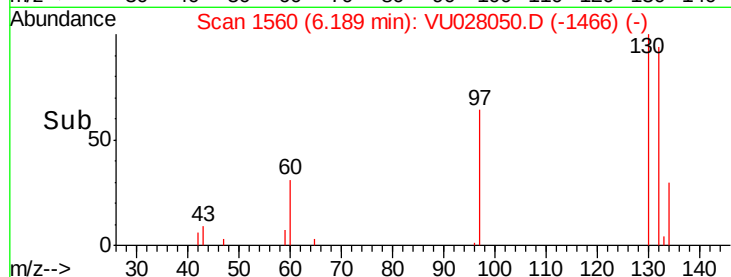
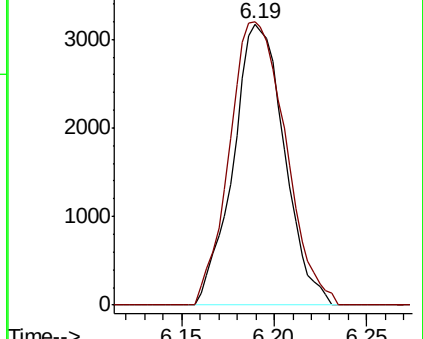
130 100

95 100.7 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 53.595 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028050.D

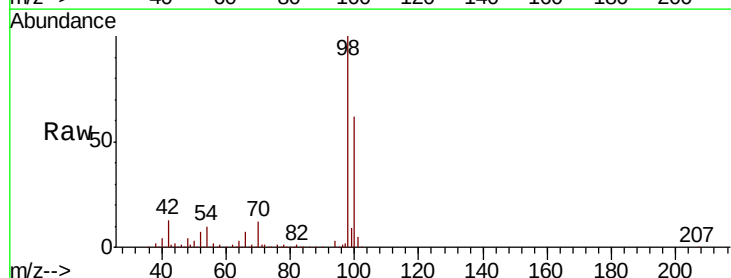
Acq: 09 Nov 2018 17:21

Tgt Ion: 98 Resp: 479806

Ion Ratio Lower Upper

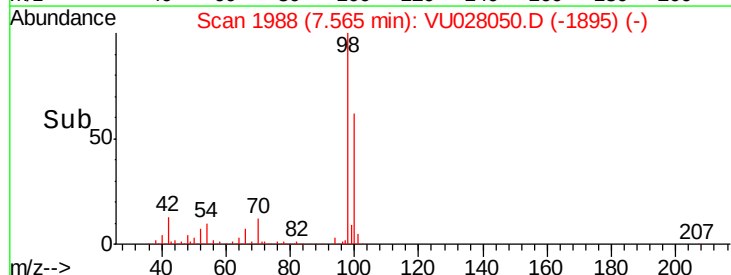
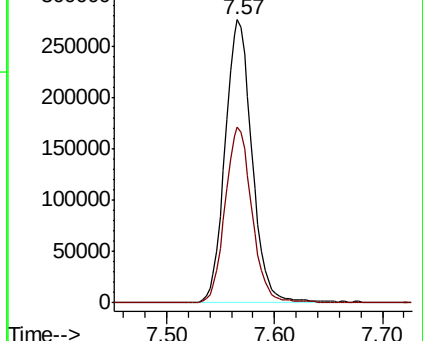
98 100

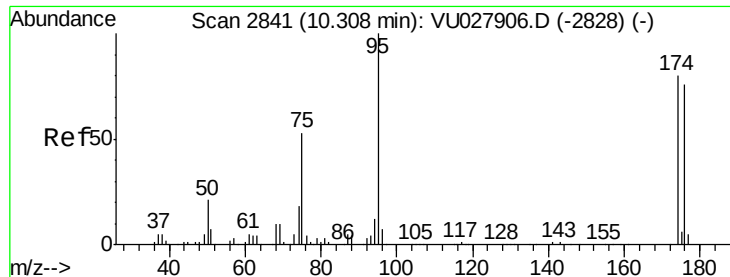
100 62.1 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.853 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

MW-8

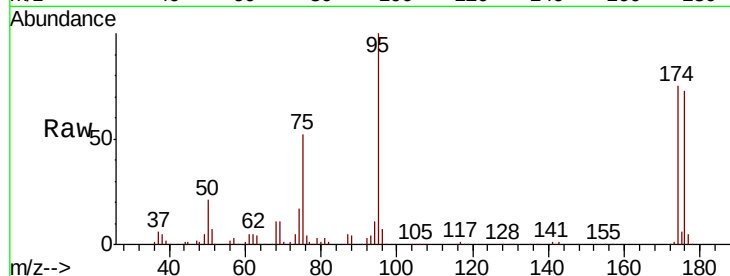
Tot Ion: 95 Resp: 151408

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.4

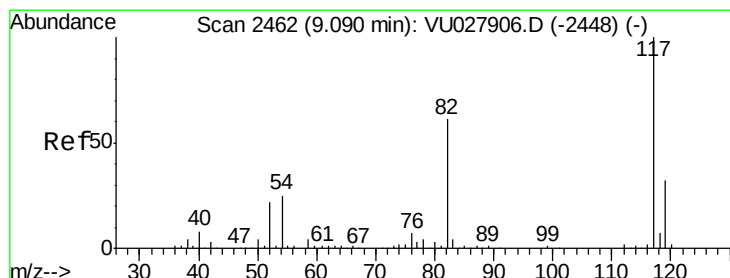
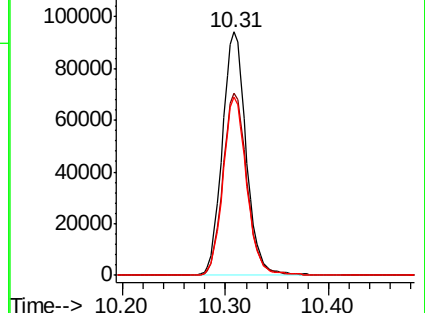
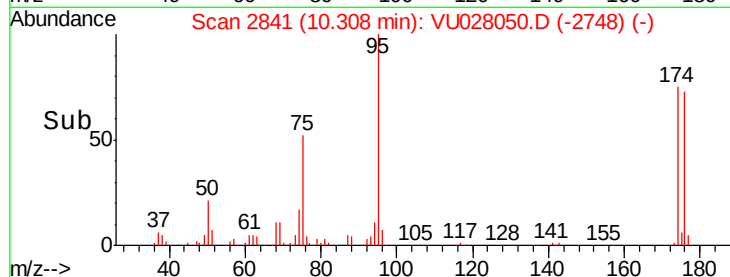
176 72.8 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU028050.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028050.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028050.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

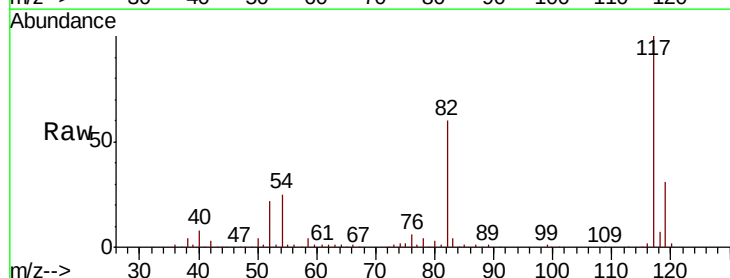
Tgt Ion: 117 Resp: 323907

Ion Ratio Lower Upper

117 100

82 60.4 48.6 73.0

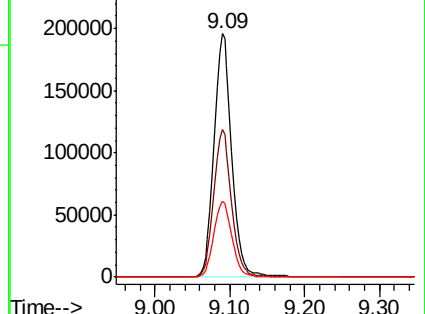
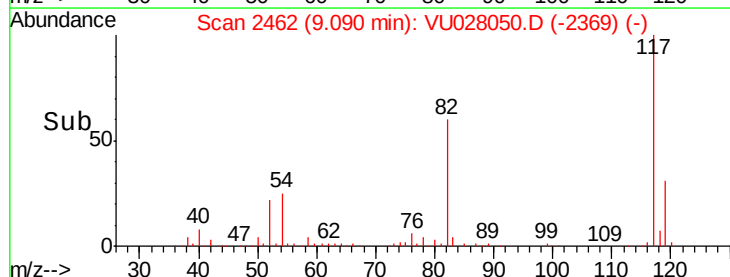
119 30.9 25.8 38.8

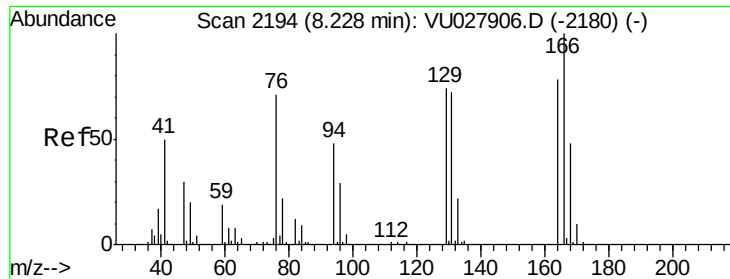


Abundance Ion 116.90 (116.60 to 117.60): VU028050.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028050.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028050.D (-2369) (-)





#64

Tetrachloroethene

Concen: 141.372 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

MW-8

Tot Ion:164 Resp: 296923

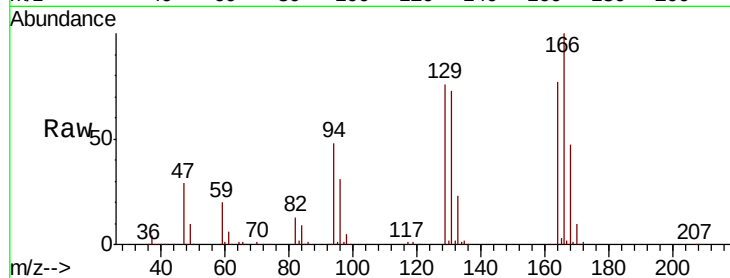
Ion Ratio Lower Upper

164 100

166 129.1 102.1 153.1

129 97.5 75.9 113.9

131 94.9 73.0 109.6

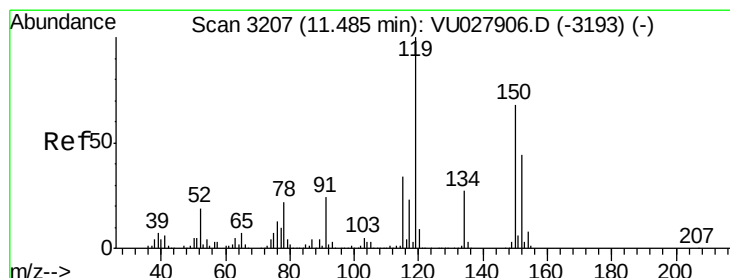
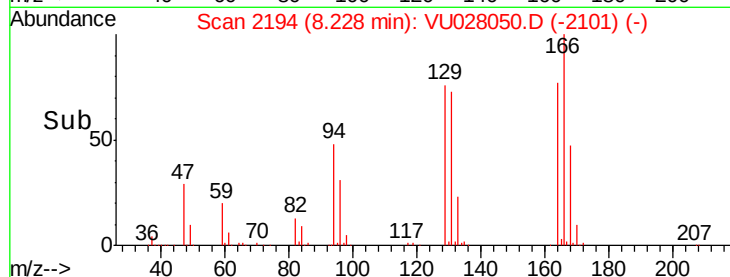
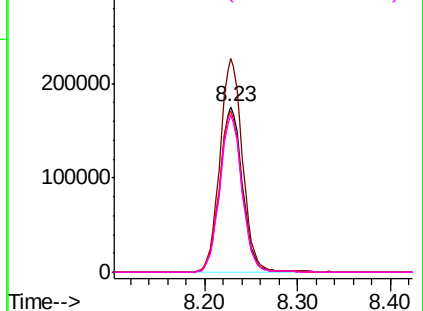


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028050.D

Acq: 09 Nov 2018 17:21

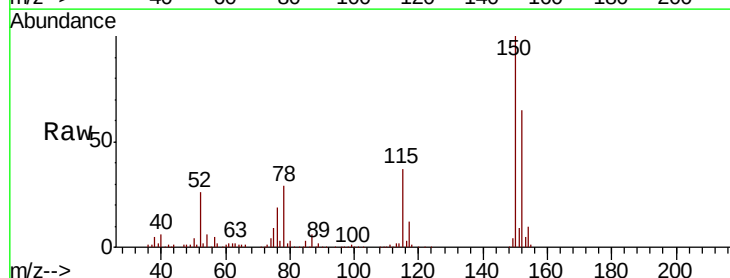
Tgt Ion:152 Resp: 125769

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

150 154.7 0.0 349.4



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

