

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014928.D
 Acq On : 12 Feb 2020 16:09
 Operator : JC/SP
 Sample : L1503-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Feb 13 04:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

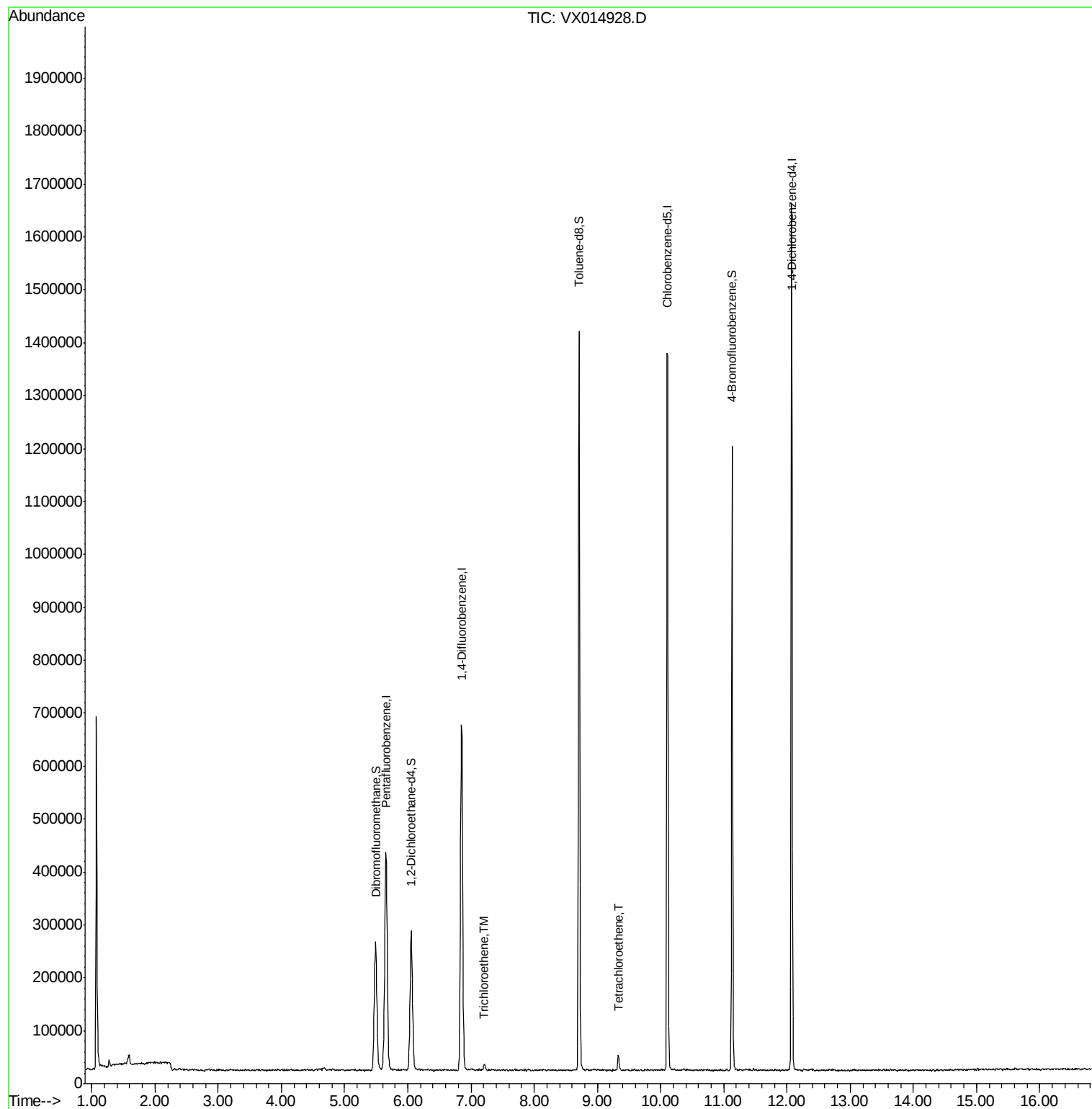
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	682681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	656763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	249812	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	5.49	113	209427	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	818702	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	305777	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
44) Trichloroethene	7.21	130	5626	1.062	ug/l	79
64) Tetrachloroethene	9.33	164	6154	1.002	ug/l #	89

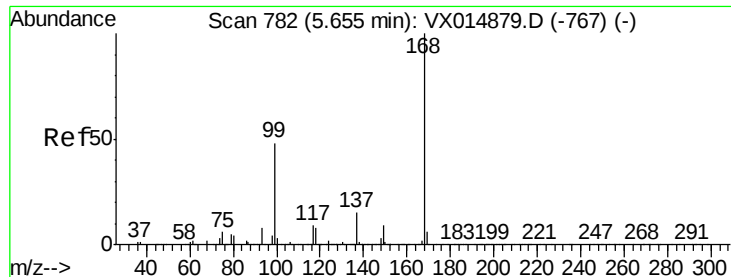
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

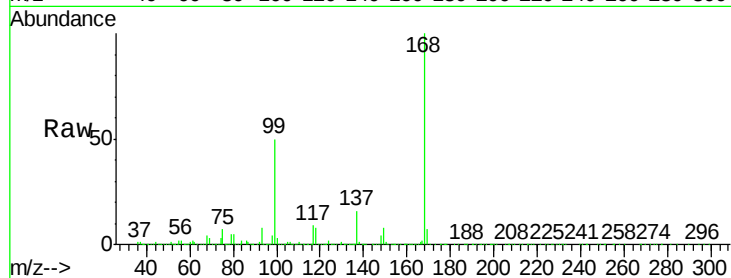
MW-2DL

Tot Ion:168 Resp: 430763

Ion Ratio Lower Upper

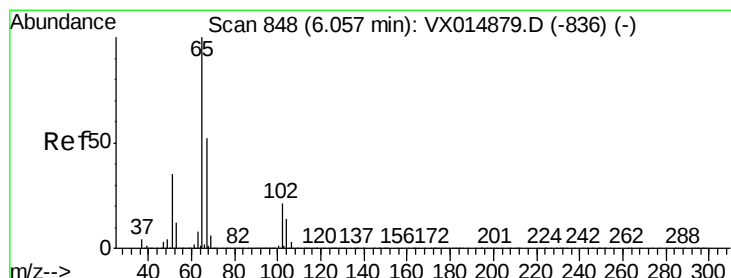
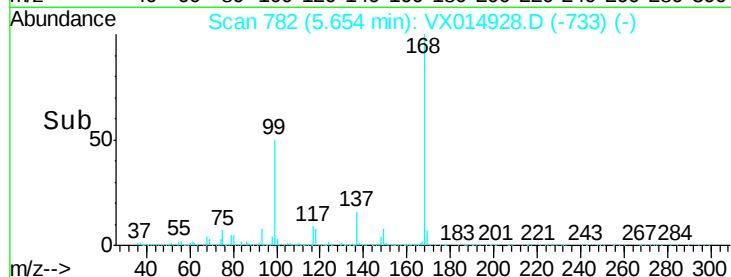
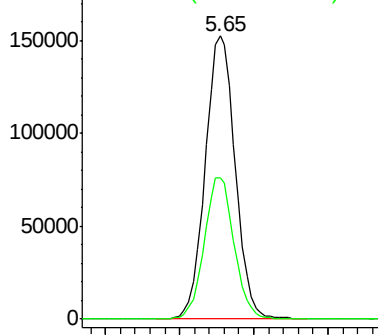
168 100

99 49.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.386 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014928.D

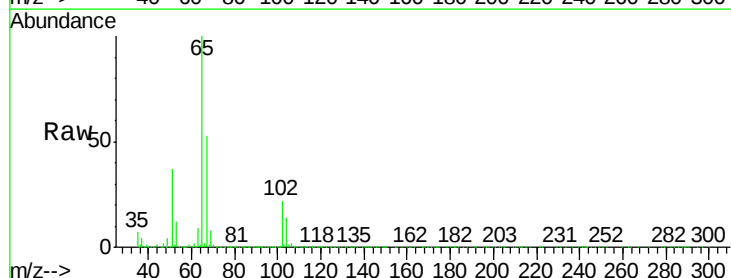
Acq: 12 Feb 2020 16:09

Tgt Ion: 65 Resp: 249812

Ion Ratio Lower Upper

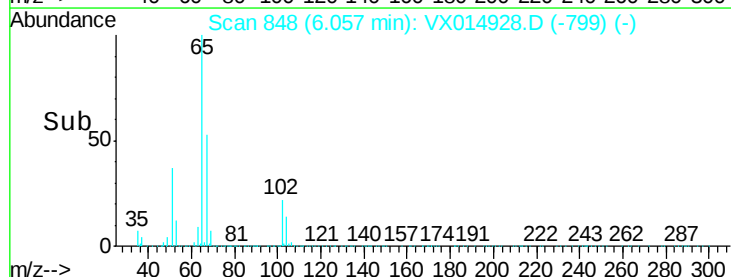
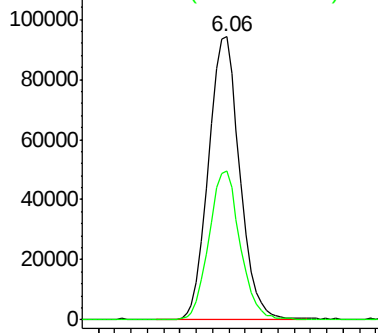
65 100

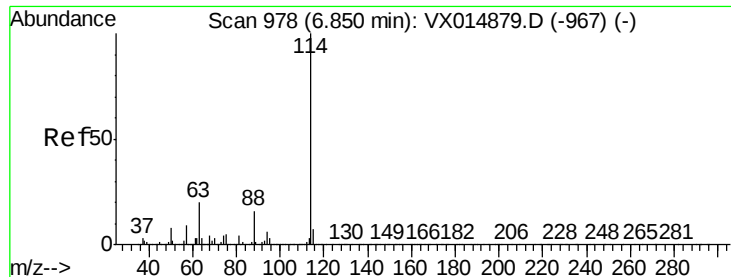
67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

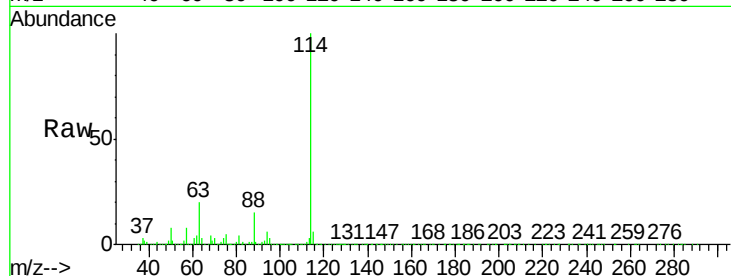
Tot Ion:114 Resp: 682681

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

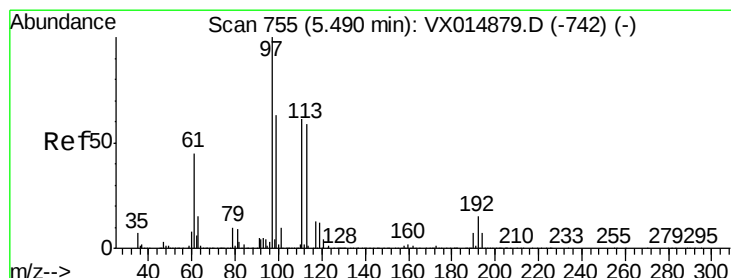
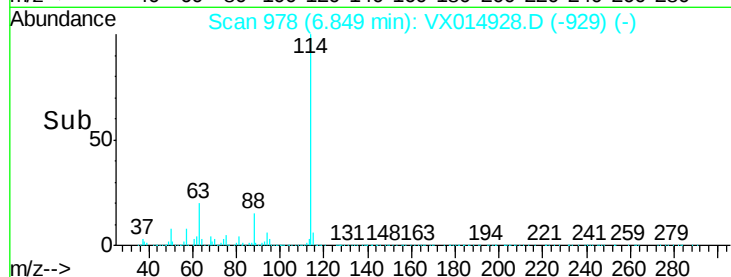
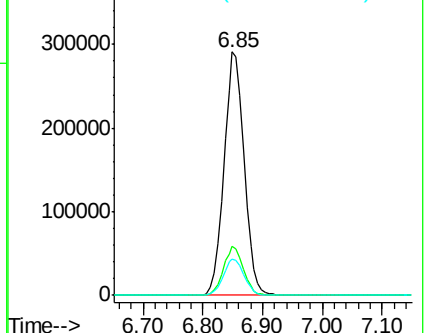
88 14.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.900 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

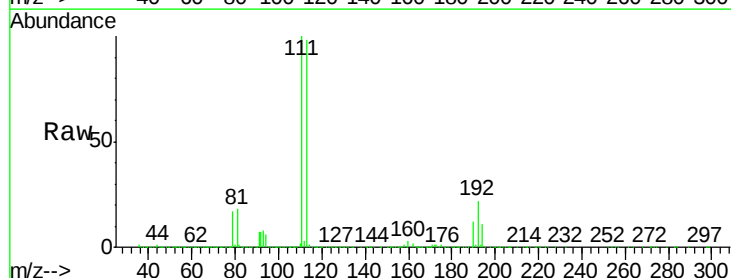
Tgt Ion:113 Resp: 209427

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

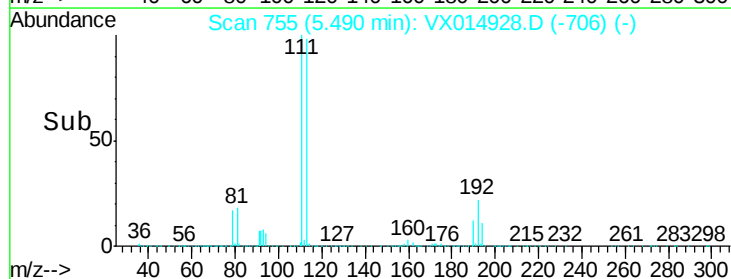
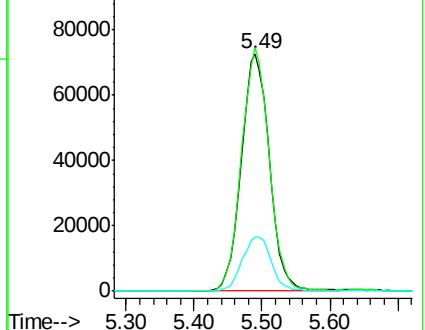
192 23.9 19.1 28.7

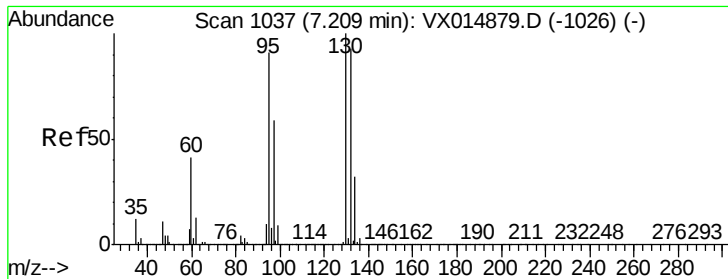


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

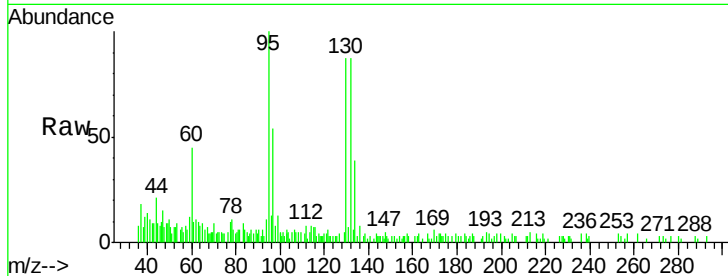




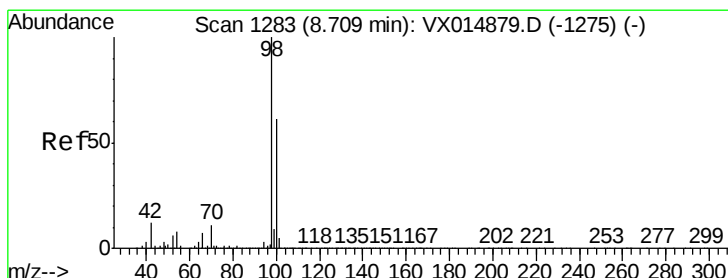
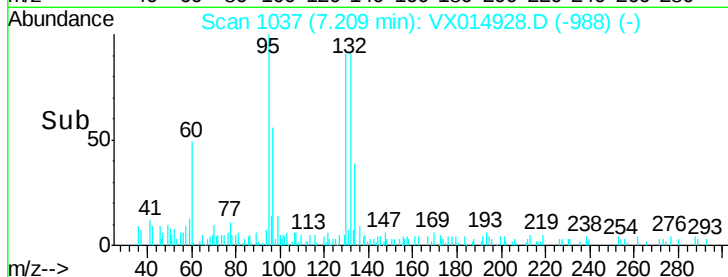
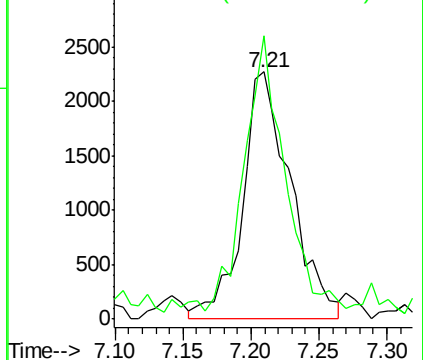
#44
 Trichloroethene
 Concen: 1.062 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014928.D
 Acq: 12 Feb 2020 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Tot Ion:130 Resp: 5626
 Ion Ratio Lower Upper
 130 100
 95 111.4 0.0 182.6

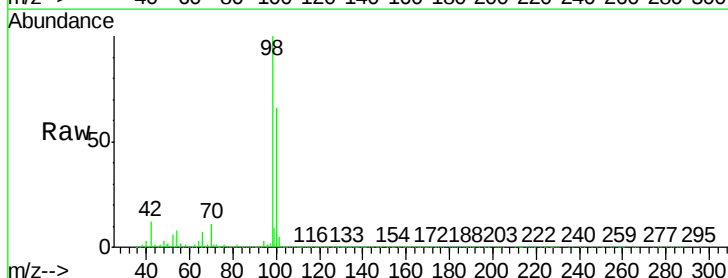


Abundance Ion 129.80 (129.50 to 130.50): V

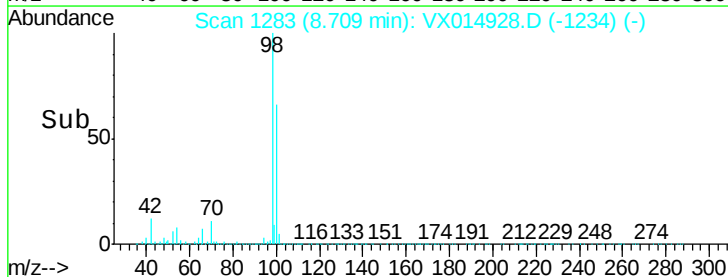
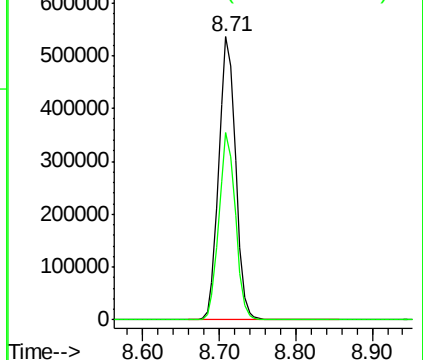


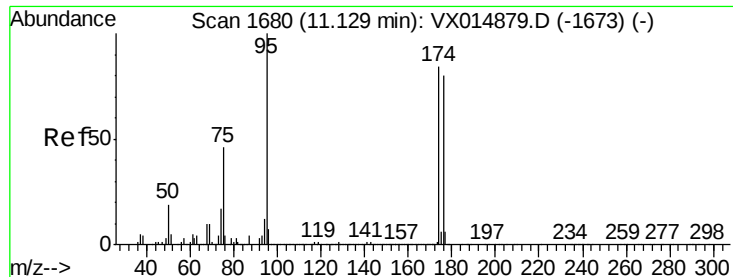
#50
 Toluene-d8
 Concen: 51.104 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX014928.D
 Acq: 12 Feb 2020 16:09

Tgt Ion: 98 Resp: 818702
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.985 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

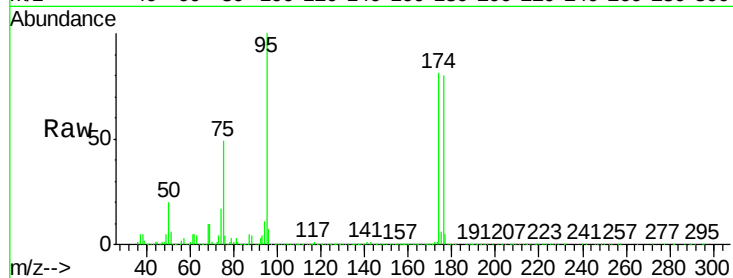
Tot Ion: 95 Resp: 305777

Ion Ratio Lower Upper

95 100

174 90.7 0.0 183.0

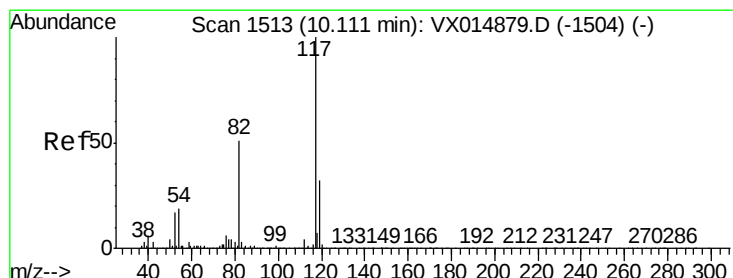
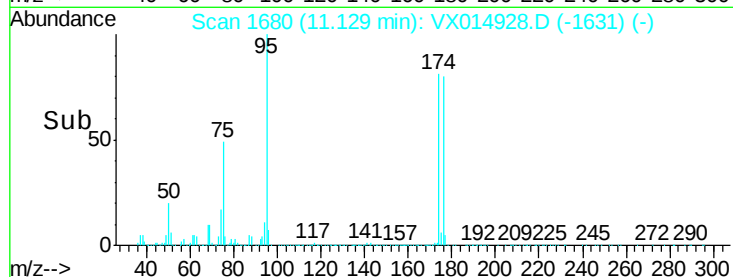
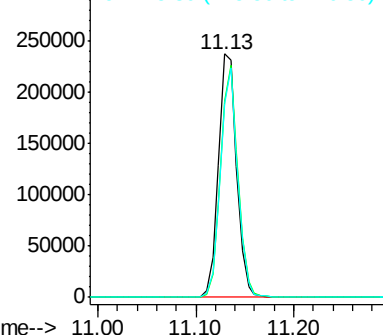
176 89.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

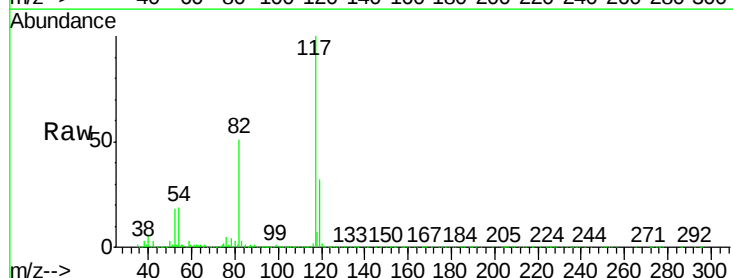
Tgt Ion: 117 Resp: 656763

Ion Ratio Lower Upper

117 100

82 51.2 40.5 60.7

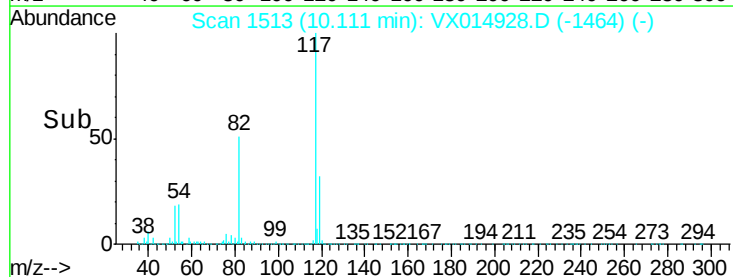
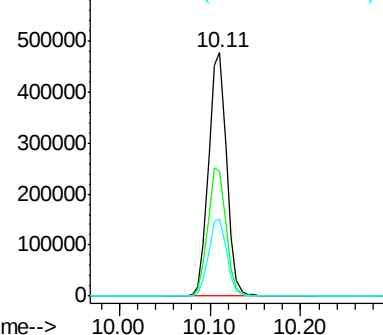
119 31.6 25.8 38.6

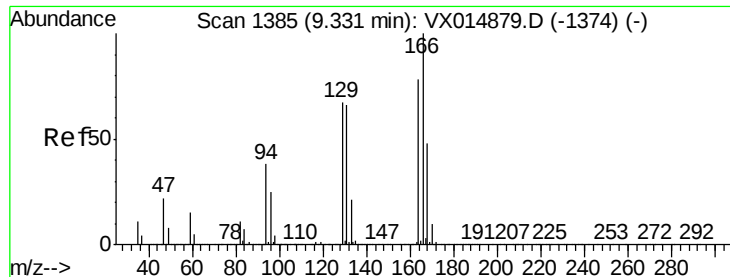


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.002 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

Tot Ion:164 Resp: 6154

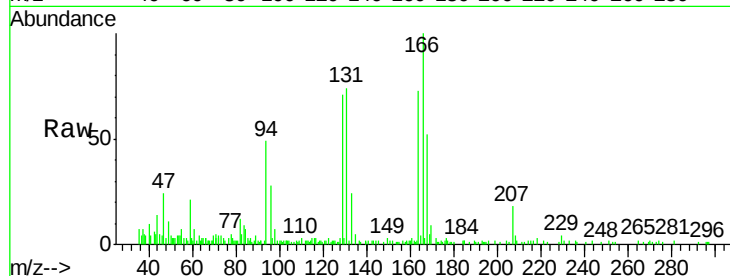
Ion Ratio Lower Upper

164 100

166 136.5 102.6 153.8

129 94.1 68.3 102.5

131 101.2 67.4 101.2#

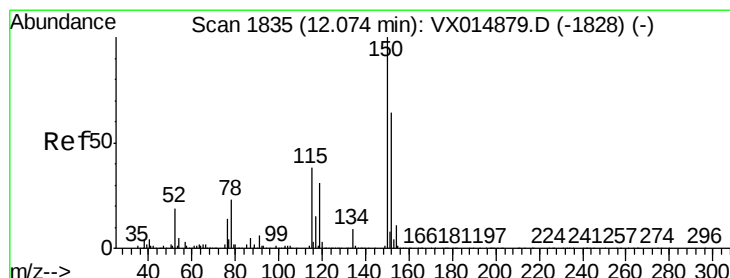
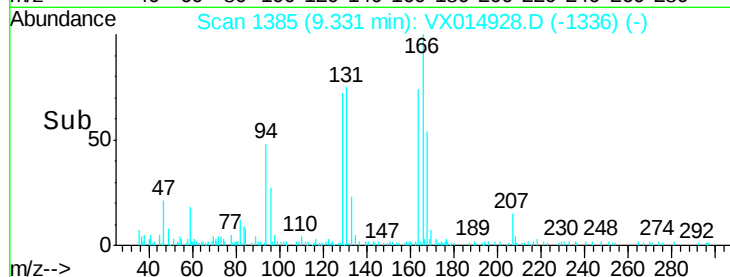
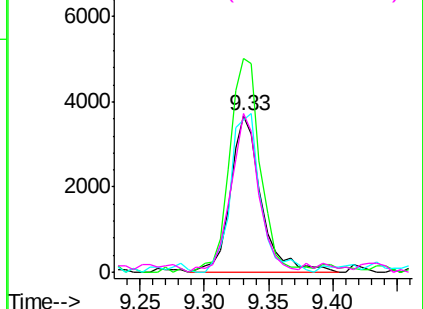


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014928.D

Acq: 12 Feb 2020 16:09

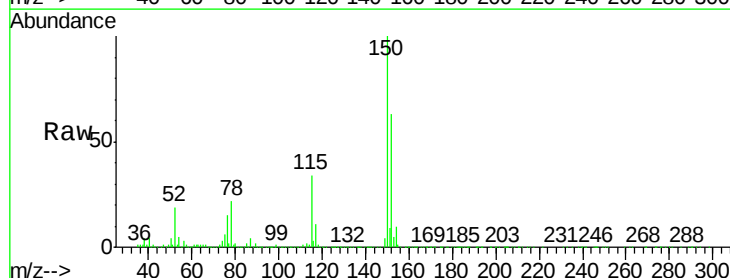
Tgt Ion:152 Resp: 345417

Ion Ratio Lower Upper

152 100

115 54.8 38.6 116.0

150 156.7 0.0 349.0



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

