

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018004.D
 Acq On : 20 Aug 2020 00:04
 Operator : JC/SP
 Sample : L3694-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D-081320

Quant Time: Aug 20 06:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

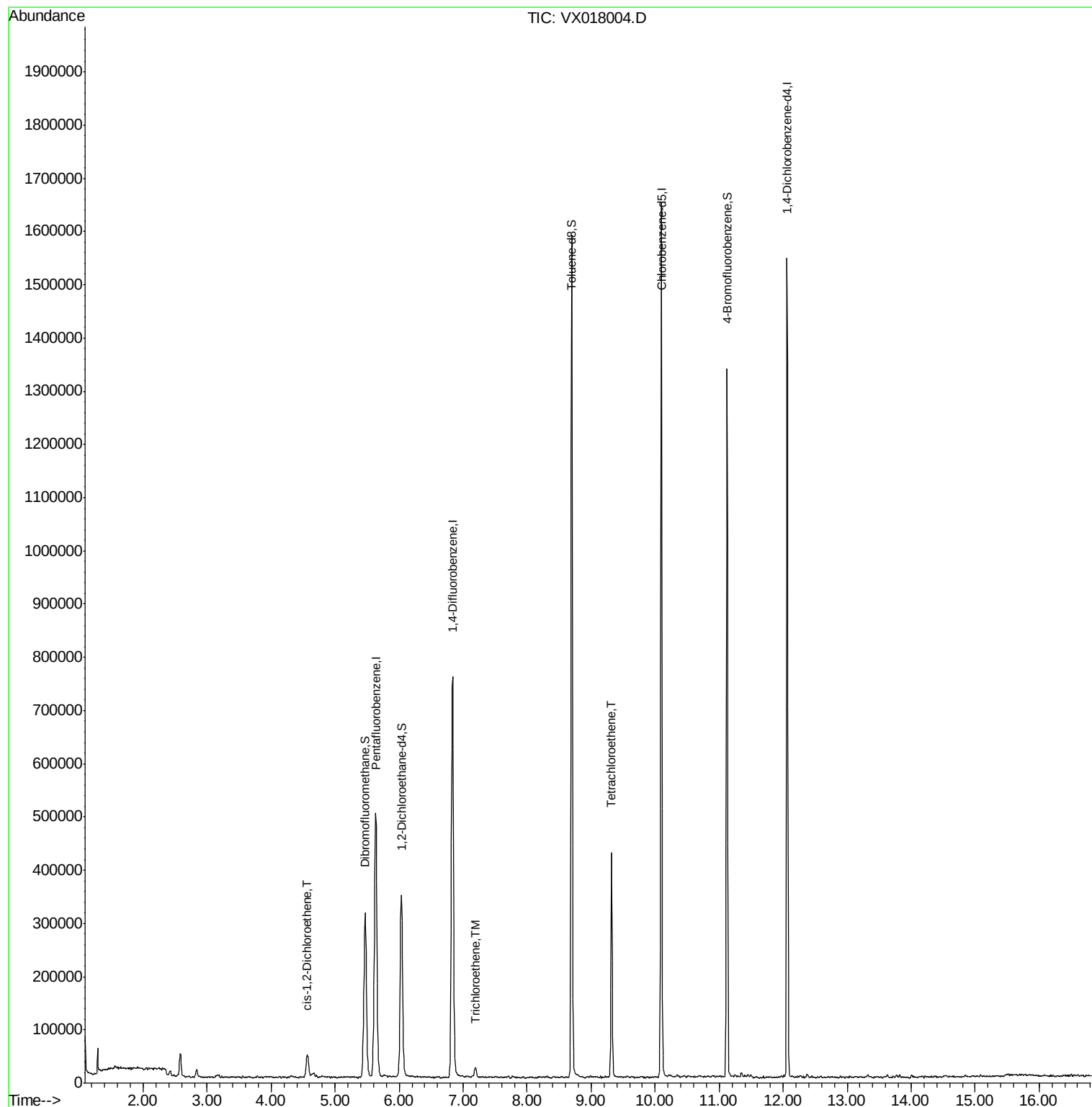
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	478405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	739976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	738857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	314928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	341482	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.47	113	271068	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.70	98	950218	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.12	95	335861	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	26431	5.054	ug/l	89
44) Trichloroethene	7.19	130	6607	1.194	ug/l	87
64) Tetrachloroethene	9.32	164	79991	14.176	ug/l	96

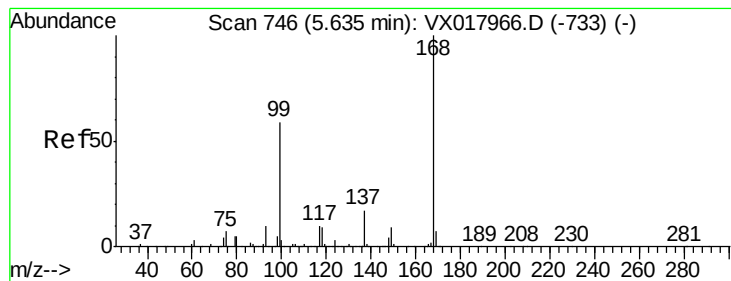
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

Instrument :

MSVOA_X

ClientSampleId :

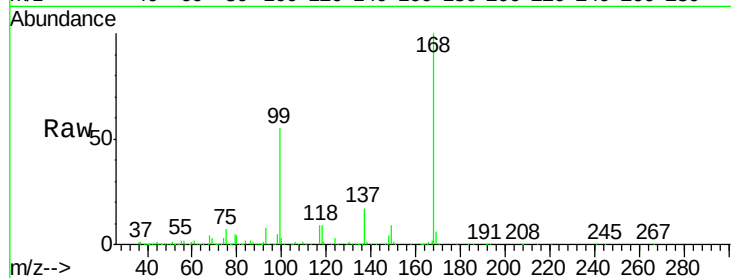
MW-1D-081320

Tot Ion:168 Resp: 478405

Ion Ratio Lower Upper

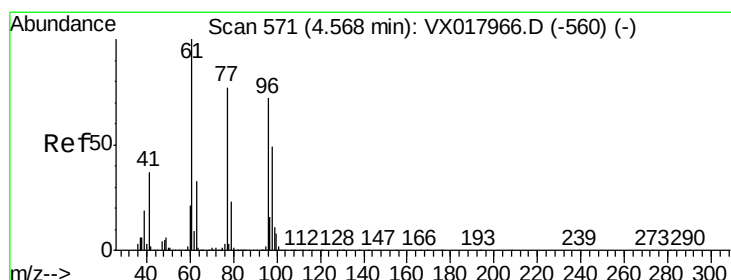
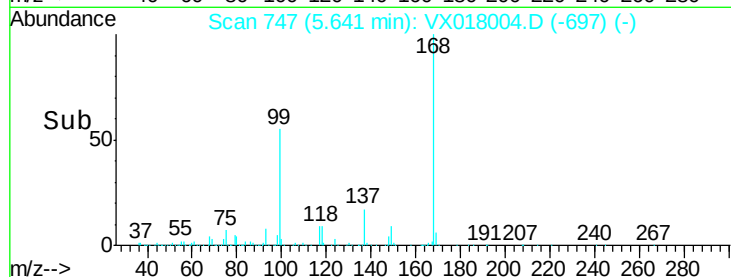
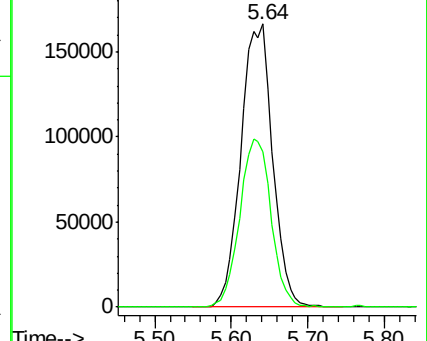
168 100

99 54.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.054 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

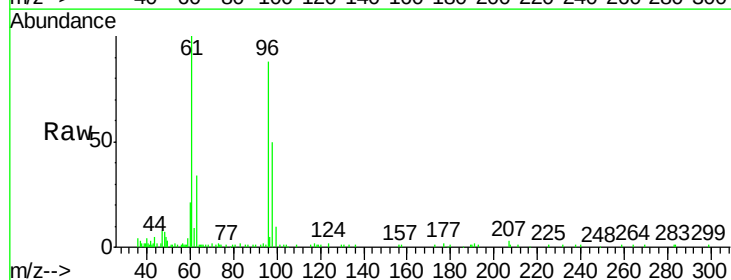
Tgt Ion: 96 Resp: 26431

Ion Ratio Lower Upper

96 100

61 130.0 0.0 298.8

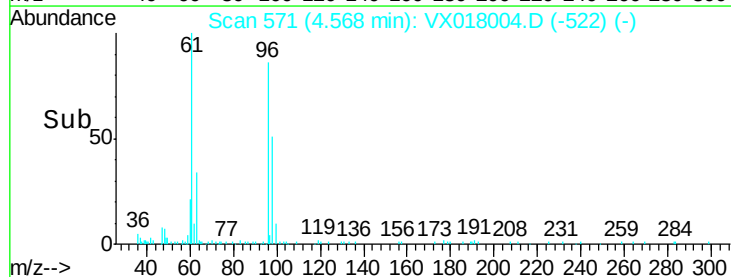
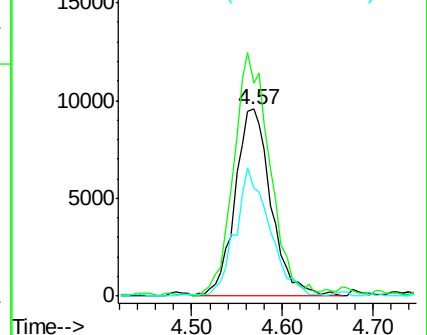
98 64.9 0.0 130.2

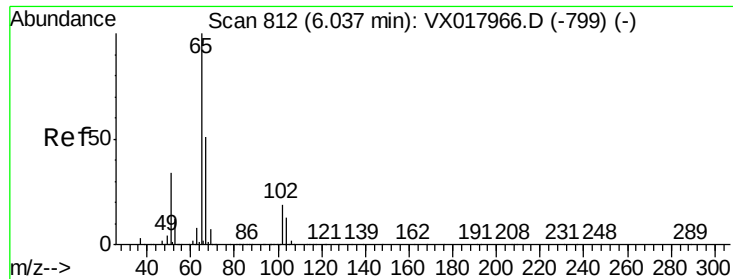


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.692 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

Instrument :

MSVOA_X

ClientSampleId :

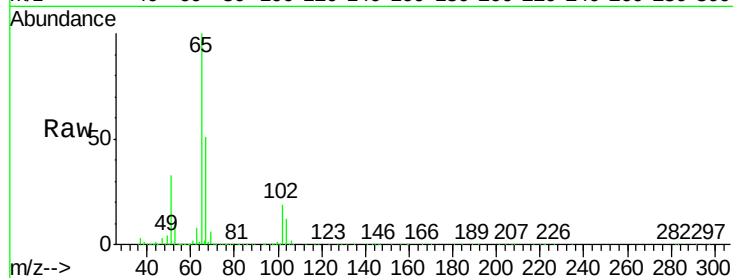
MW-1D-081320

Tot Ion: 65 Resp: 341482

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

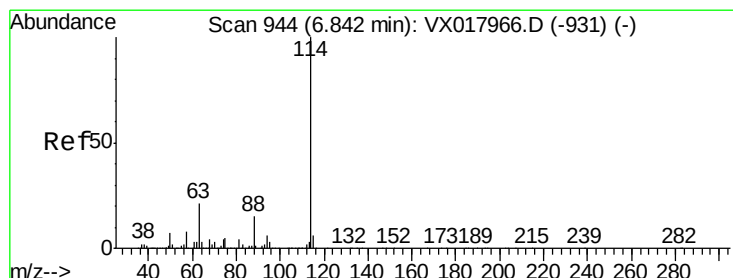
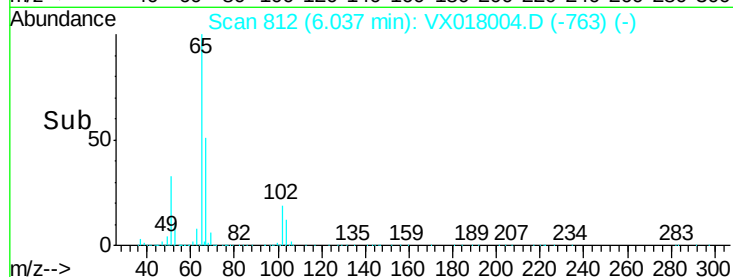
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

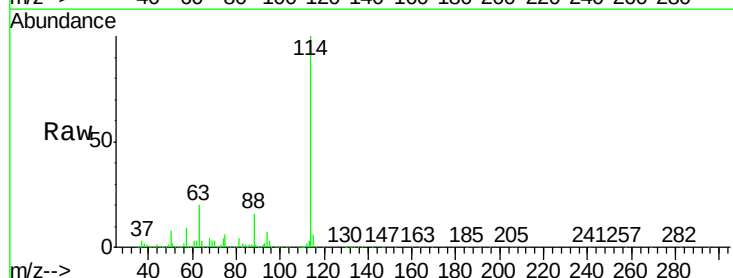
Tgt Ion: 114 Resp: 739976

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.0 0.0 30.2



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

400000

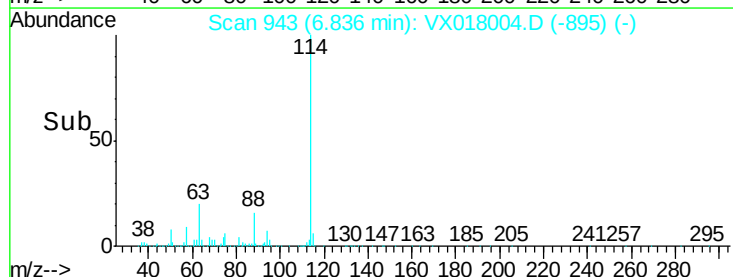
300000

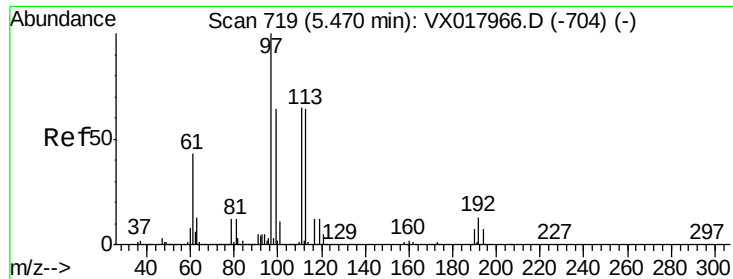
200000

100000

0

Time-->

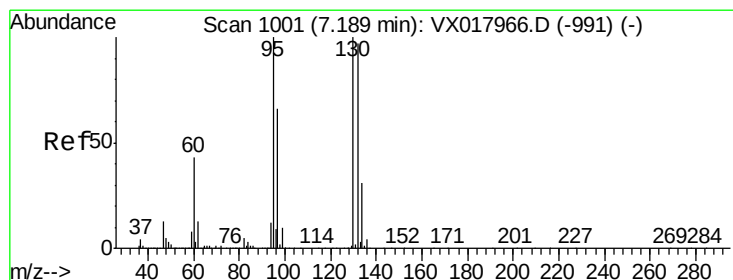
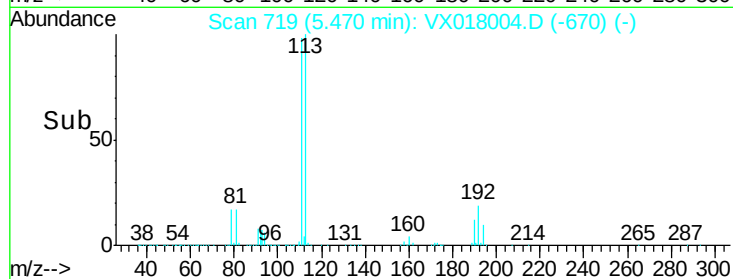
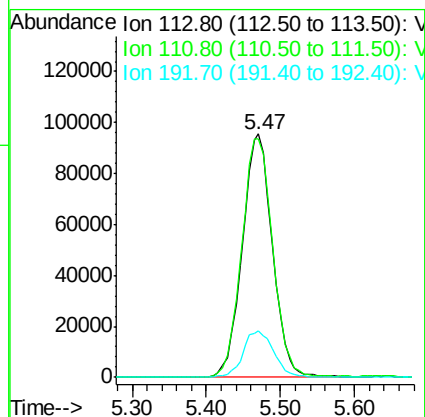
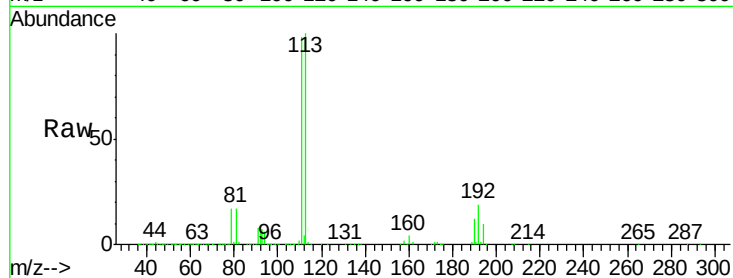




#35
 Dibromofluoromethane
 Concen: 49.191 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX018004.D
 Acq: 20 Aug 2020 00:04

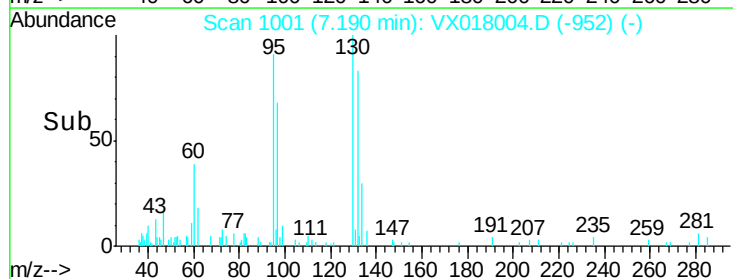
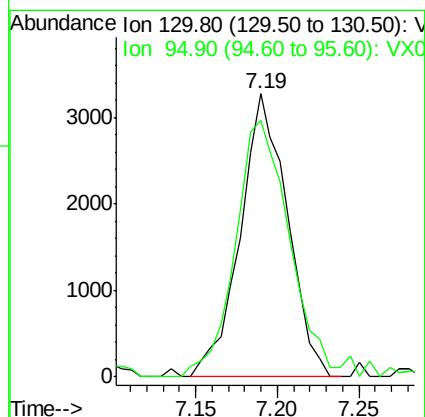
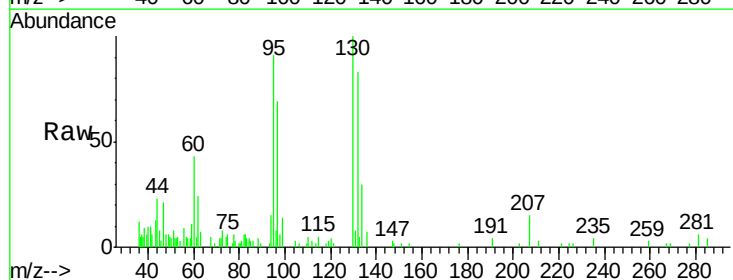
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D-081320

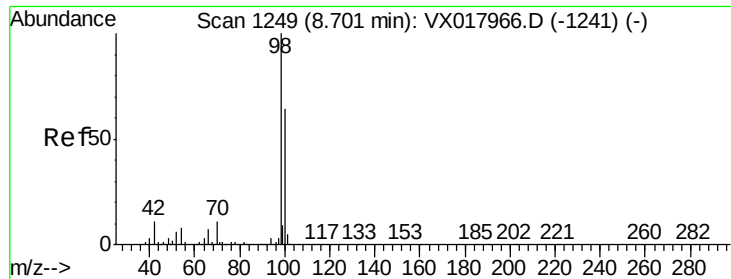
Tot Ion:113 Resp: 271068
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 19.4 16.2 24.4



#44
 Trichloroethene
 Concen: 1.194 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018004.D
 Acq: 20 Aug 2020 00:04

Tgt Ion:130 Resp: 6607
 Ion Ratio Lower Upper
 130 100
 95 87.0 0.0 200.6





#50

Toluene-d8

Concen: 48.783 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

Instrument :

MSVOA_X

ClientSampleId :

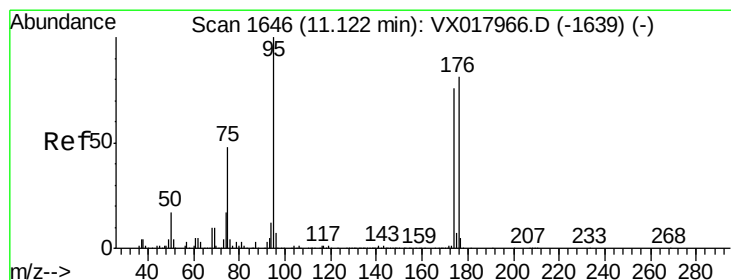
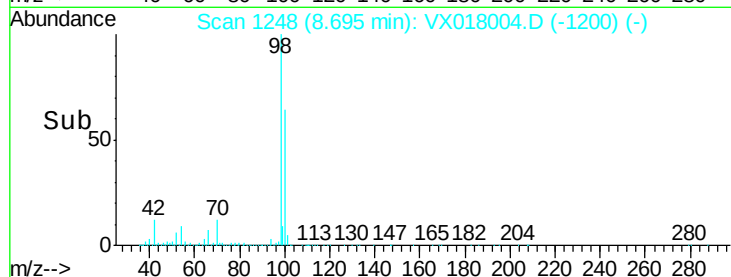
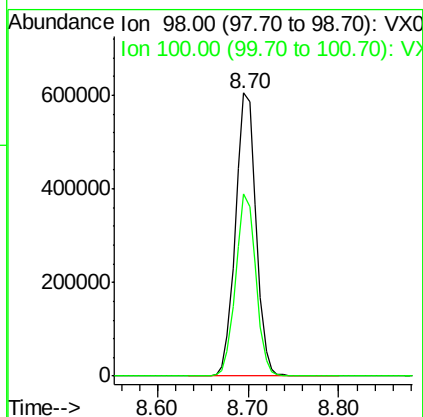
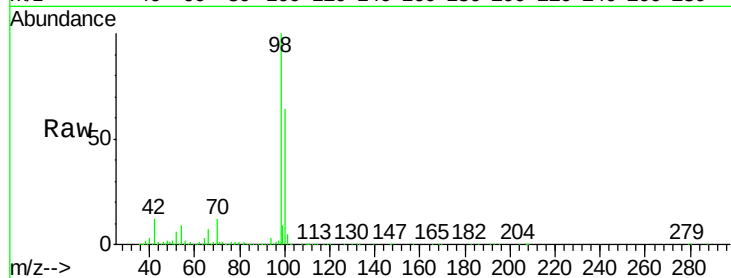
MW-1D-081320

Tot Ion: 98 Resp: 950218

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 46.685 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

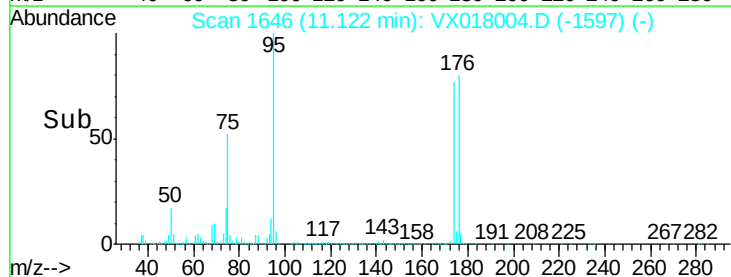
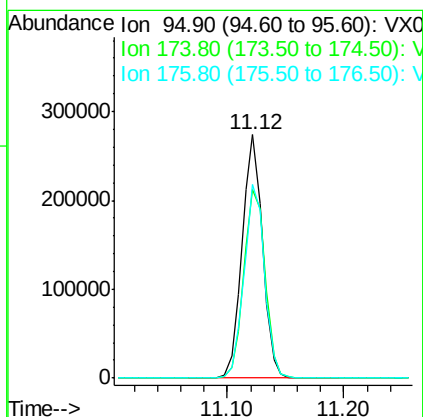
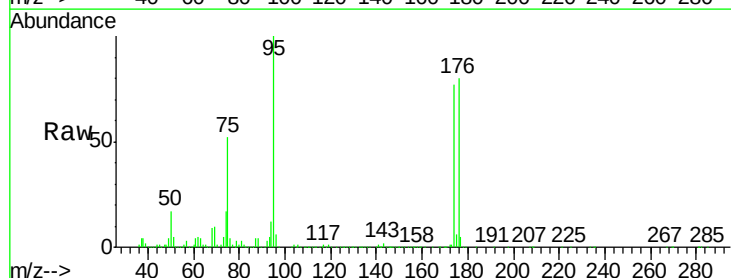
Tgt Ion: 95 Resp: 335861

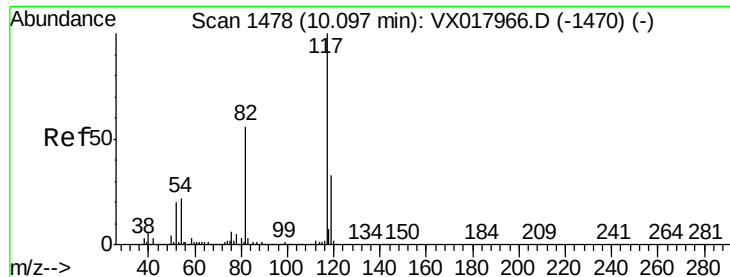
Ion Ratio Lower Upper

95 100

174 81.9 0.0 166.0

176 80.1 0.0 161.0

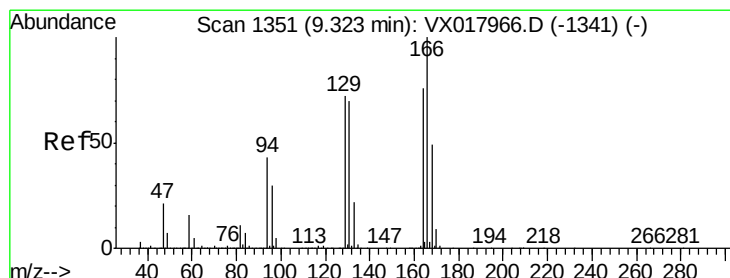
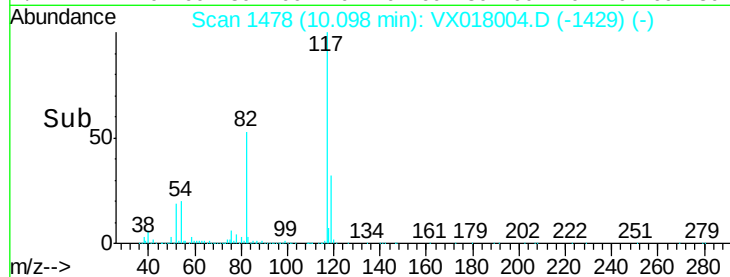
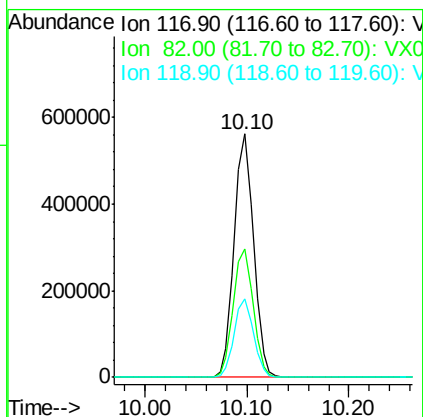
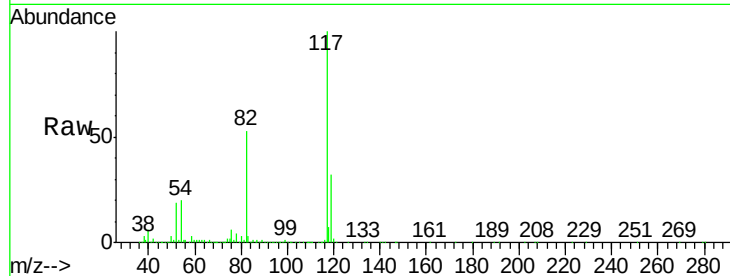




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

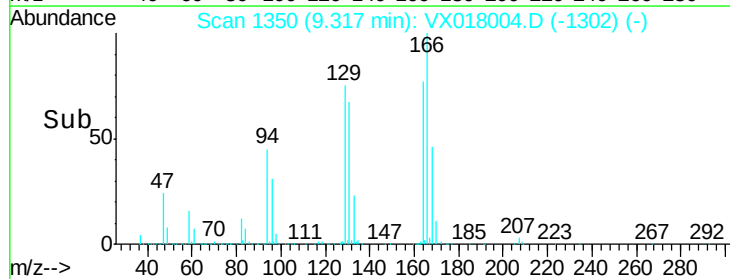
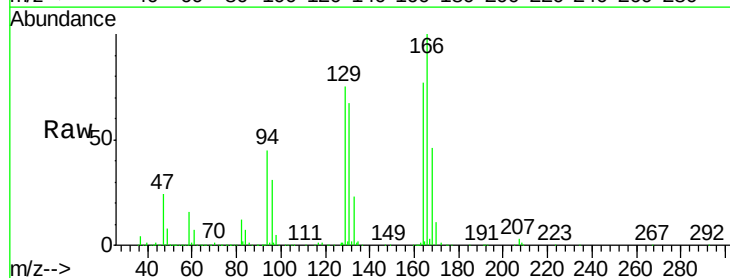
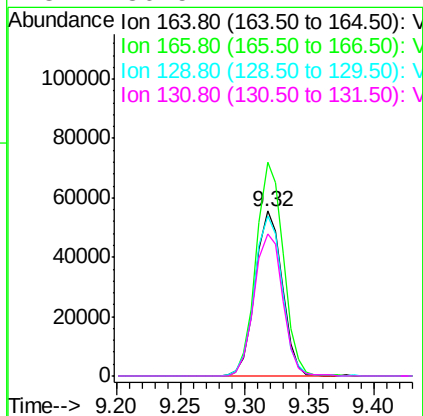
Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

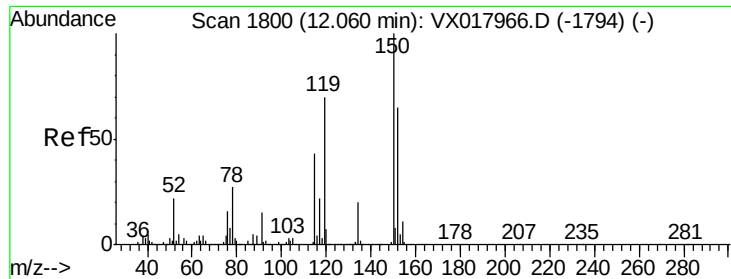
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.6	66.8
119	32.0	26.2	39.4



#64
Tetrachloroethene
Concen: 14.176 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	105.7	158.5
129	97.2	75.8	113.8
131	86.5	74.2	111.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018004.D

Acq: 20 Aug 2020 00:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1D-081320

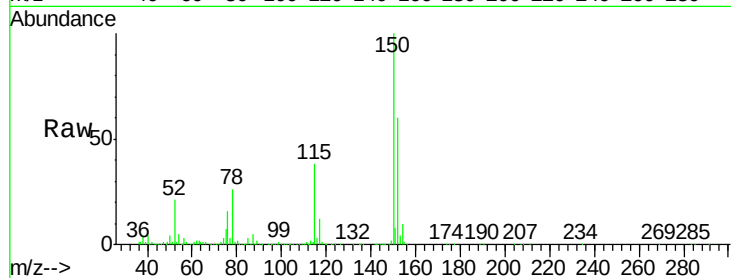
Tot Ion:152 Resp: 314928

Ion Ratio Lower Upper

152 100

115 58.9 40.6 121.7

150 160.2 0.0 346.4



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

