

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015687.D
 Acq On : 15 Apr 2020 16:45
 Operator : JC/SP
 Sample : L2233-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-200408

Quant Time: Apr 16 07:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

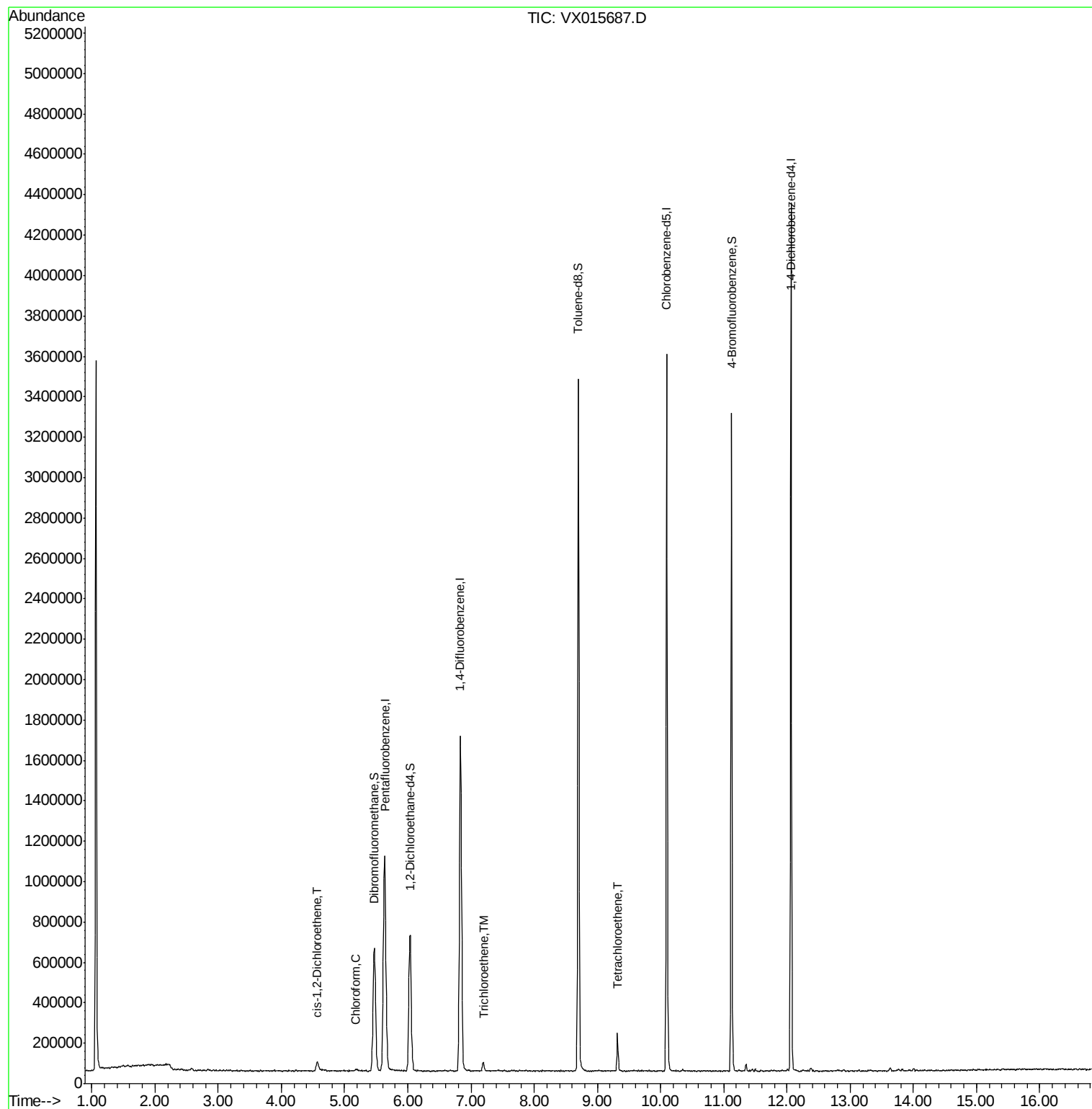
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1097972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1674705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1632250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	896794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	662666	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
35) Dibromofluoromethane	5.47	113	509036	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.70	98	1980274	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.12	95	840928	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	32485	2.441	ug/l	89
30) Chloroform	5.19	83	11922	0.548	ug/l	91
44) Trichloroethene	7.20	130	19644	1.594	ug/l	84
64) Tetrachloroethene	9.32	164	37242	3.023	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

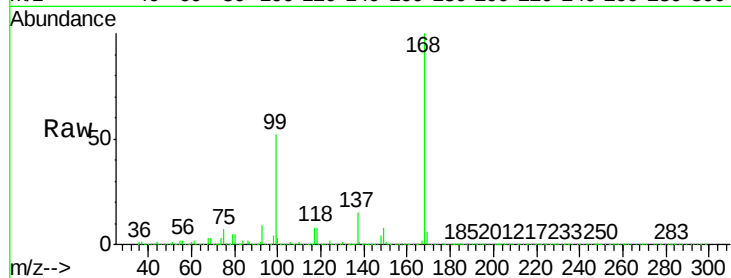
SS037MW110-200408

Tot Ion:168 Resp: 1097972

Ion Ratio Lower Upper

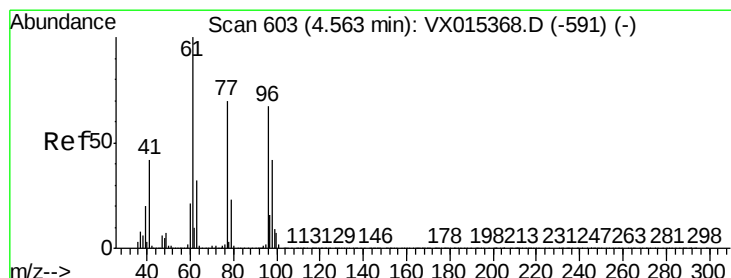
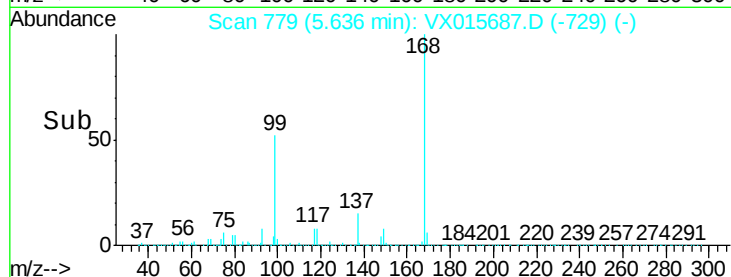
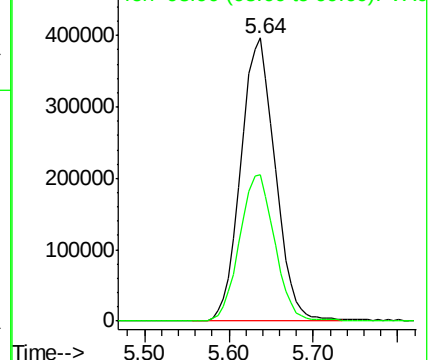
168 100

99 51.6 46.4 69.6



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: 2.441 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

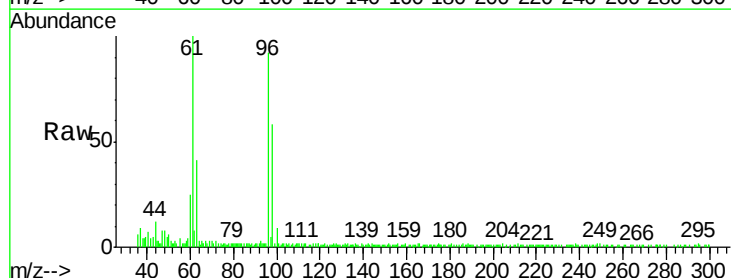
Tgt Ion: 96 Resp: 32485

Ion Ratio Lower Upper

96 100

61 134.4 0.0 308.4

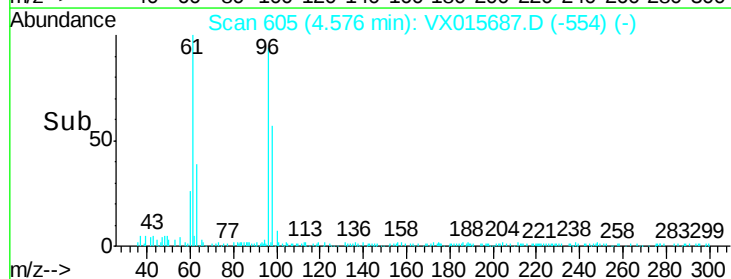
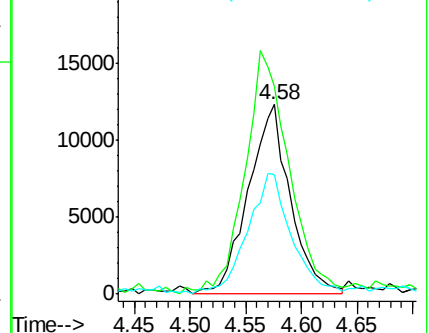
98 66.2 0.0 129.2

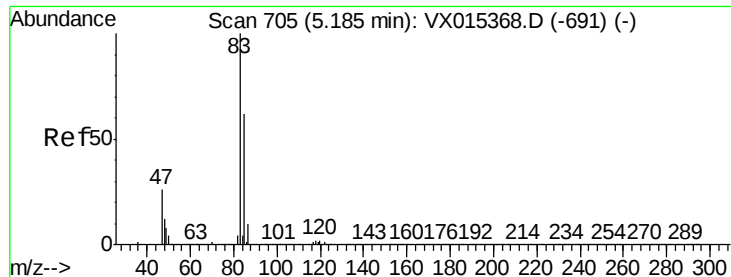


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

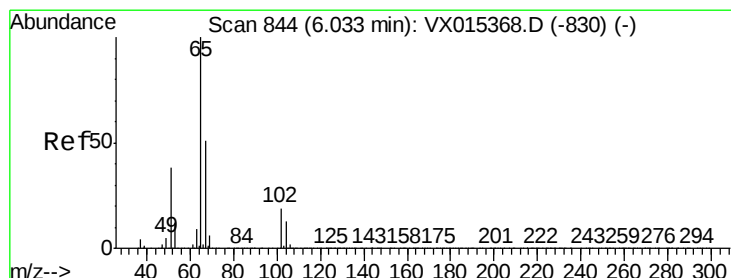
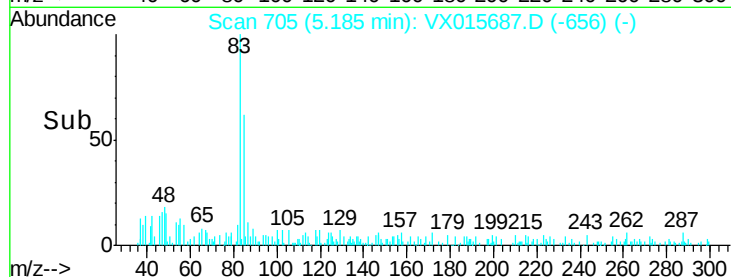
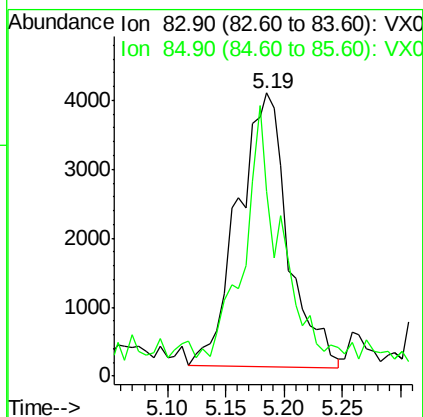
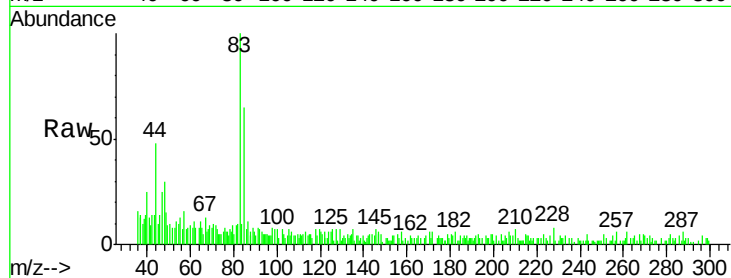




#30
Chloroform
Concen: 0.548 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015687.D
Acq: 15 Apr 2020 16:45

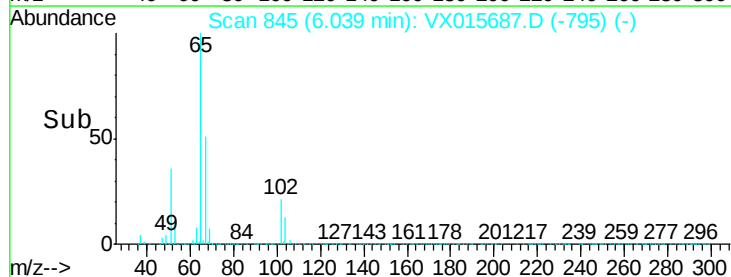
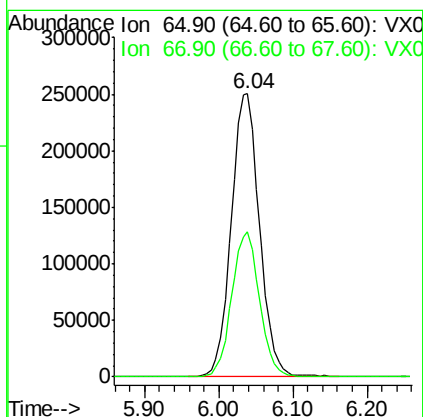
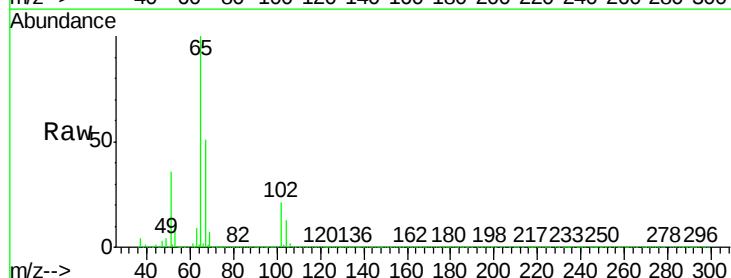
Instrument :
MSVOA_X
ClientSampleId :
SS037MW110-200408

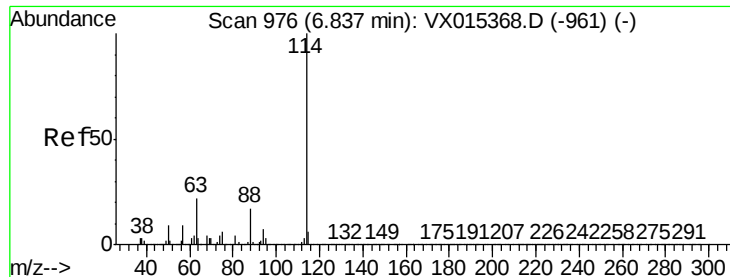
Tot Ion: 83 Resp: 11922
Ion Ratio Lower Upper
83 100
85 54.9 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 42.792 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015687.D
Acq: 15 Apr 2020 16:45

Tgt Ion: 65 Resp: 662666
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-200408

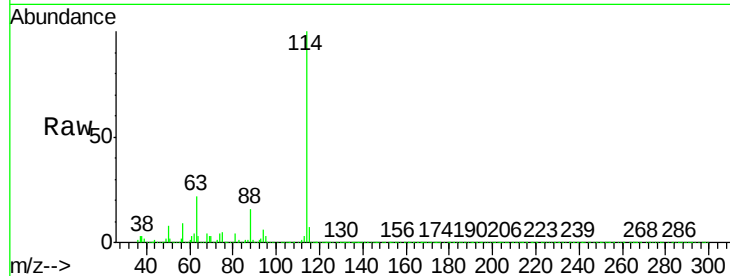
Tot Ion:114 Resp: 1674705

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

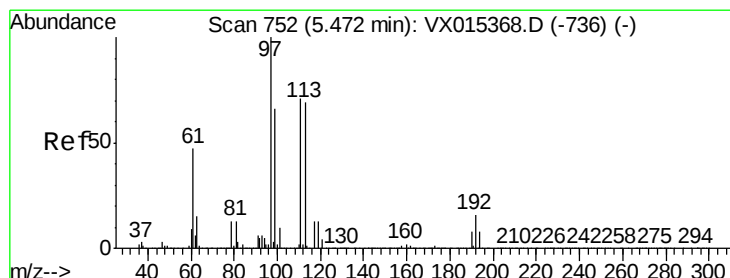
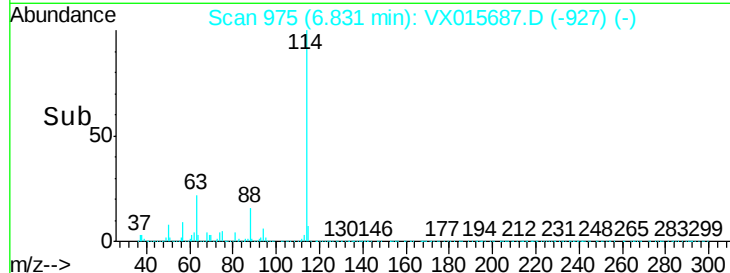
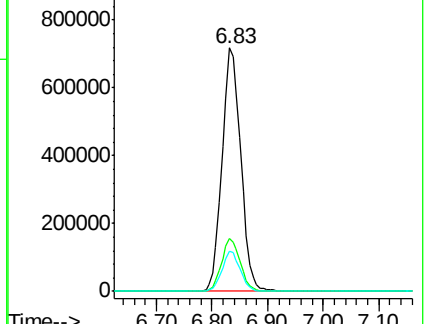
88 16.2 0.0 33.8



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: 47.550 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

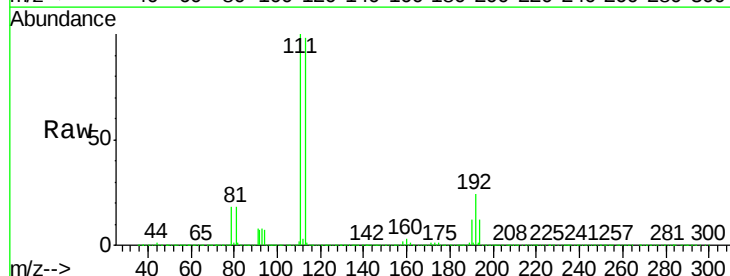
Tgt Ion:113 Resp: 509036

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

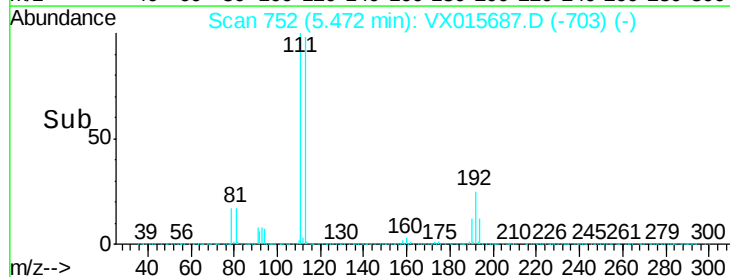
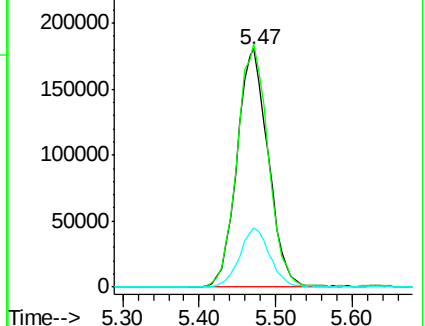
192 24.0 17.8 26.6

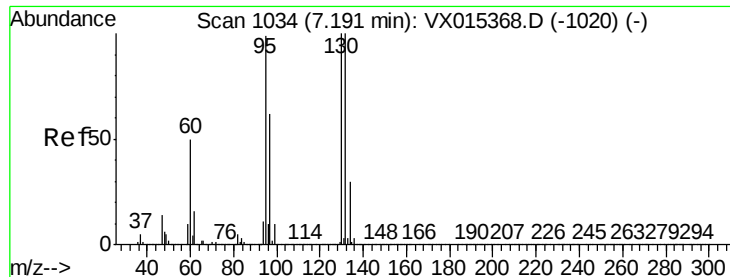


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.594 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

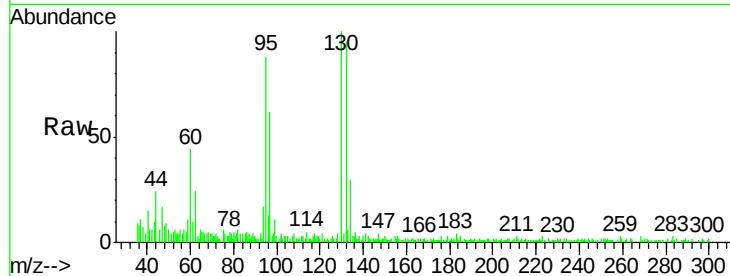
SS037MW110-200408

Tot Ion:130 Resp: 19644

Ion Ratio Lower Upper

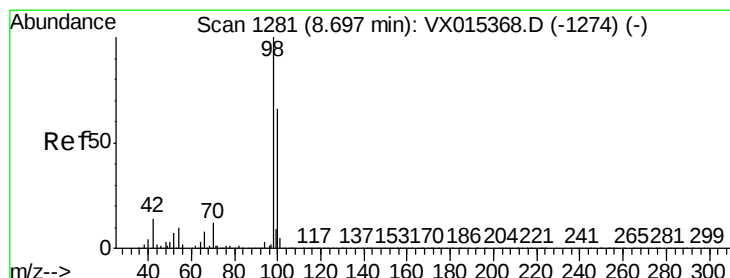
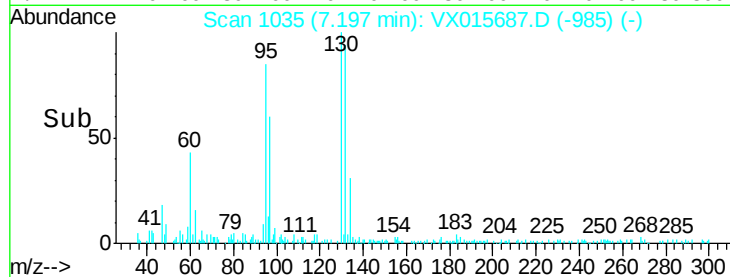
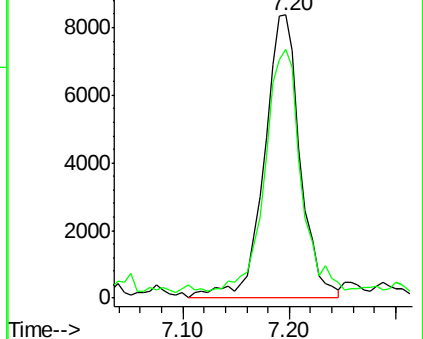
130 100

95 83.6 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.243 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015687.D

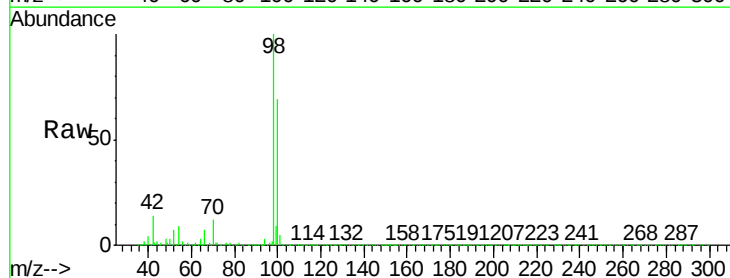
Acq: 15 Apr 2020 16:45

Tgt Ion: 98 Resp: 1980274

Ion Ratio Lower Upper

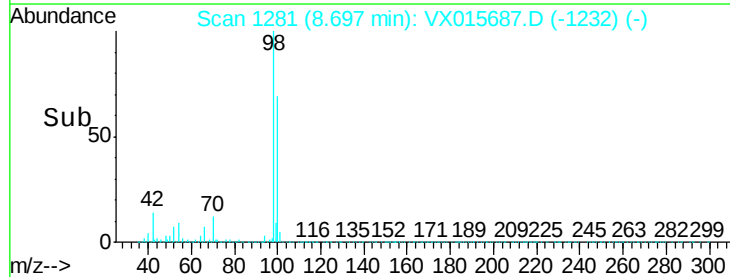
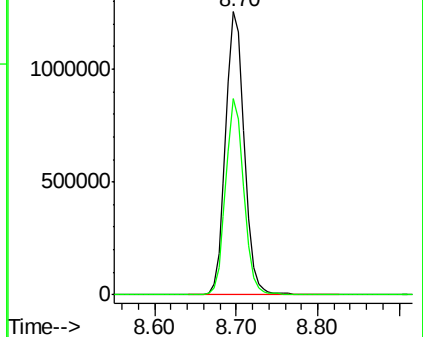
98 100

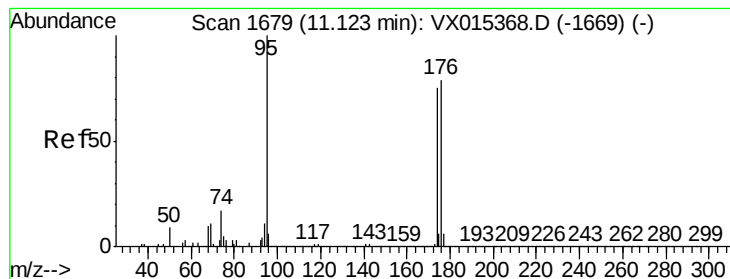
100 67.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.500 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-200408

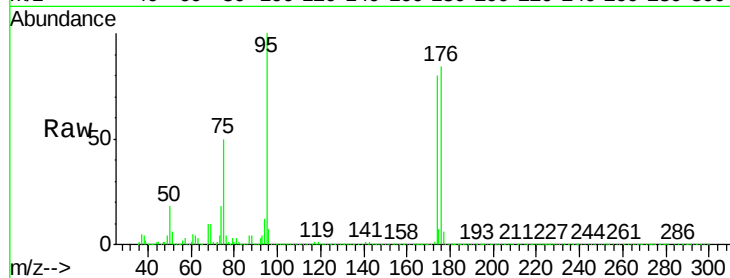
Tot Ion: 95 Resp: 840928

Ion Ratio Lower Upper

95 100

174 85.2 0.0 158.6

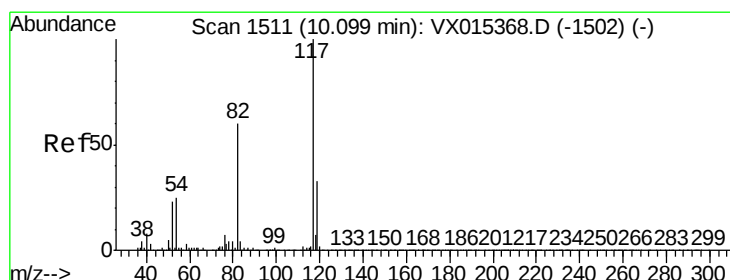
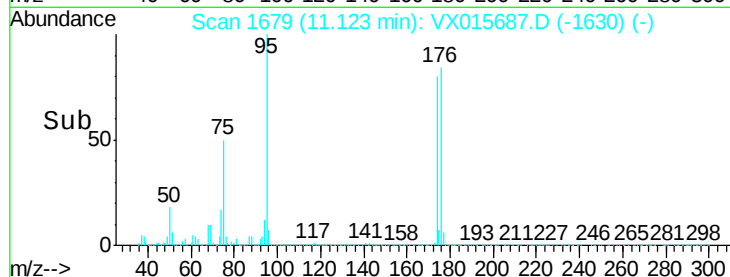
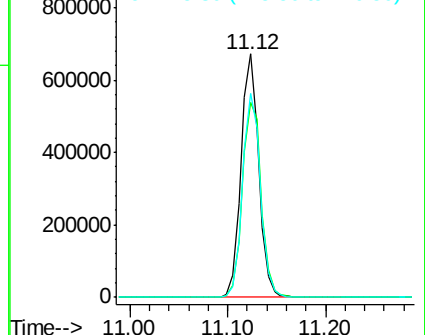
176 84.8 0.0 159.0



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: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

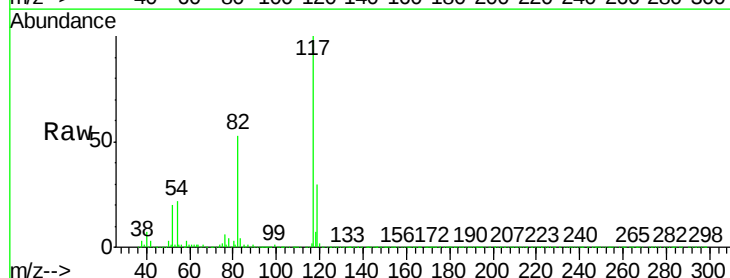
Tgt Ion: 117 Resp: 1632250

Ion Ratio Lower Upper

117 100

82 52.6 47.8 71.8

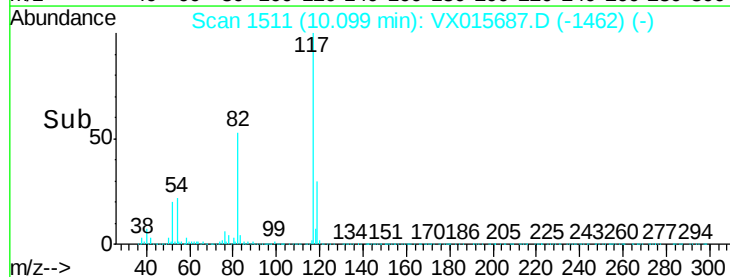
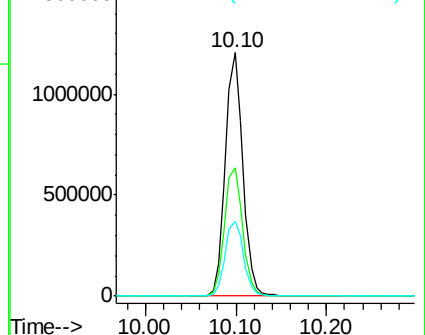
119 30.4 26.8 40.2

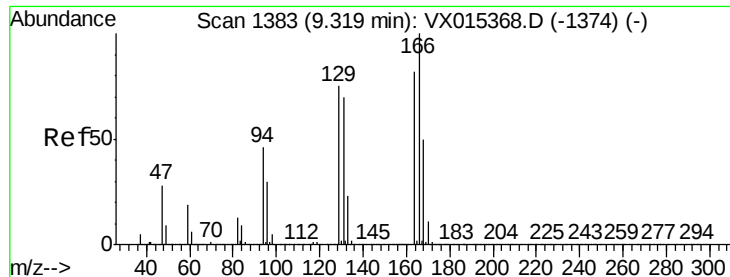


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.023 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-200408

Tot Ion:164 Resp: 37242

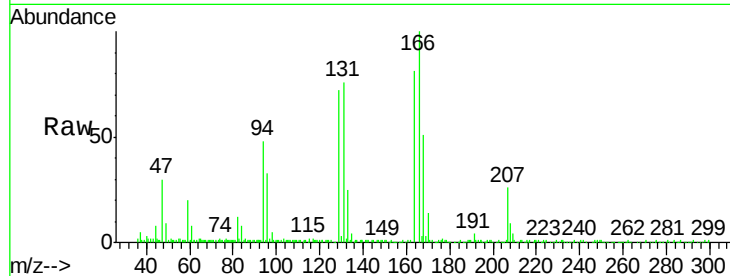
Ion Ratio Lower Upper

164 100

166 123.5 97.8 146.6

129 88.0 73.0 109.4

131 93.4 68.6 103.0

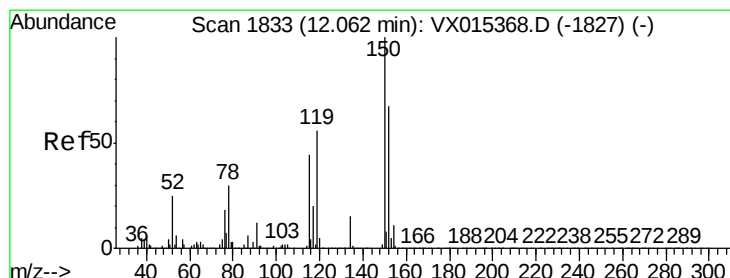
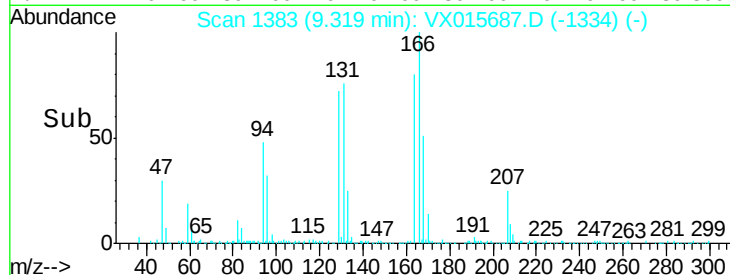
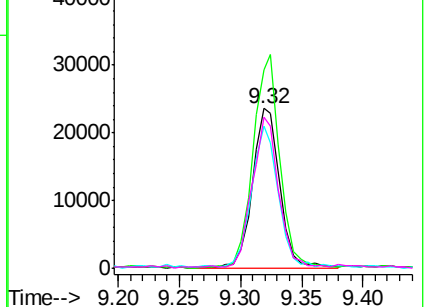


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015687.D

Acq: 15 Apr 2020 16:45

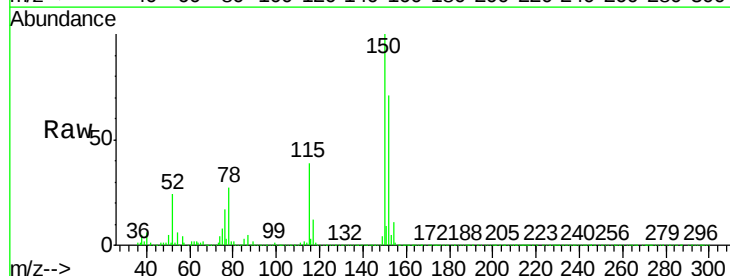
Tgt Ion:152 Resp: 896794

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

150 150.1 0.0 340.8



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

