

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015698.D
 Acq On : 15 Apr 2020 20:54
 Operator : JC/SP
 Sample : L2233-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-200408

Quant Time: Apr 16 07:50:01 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

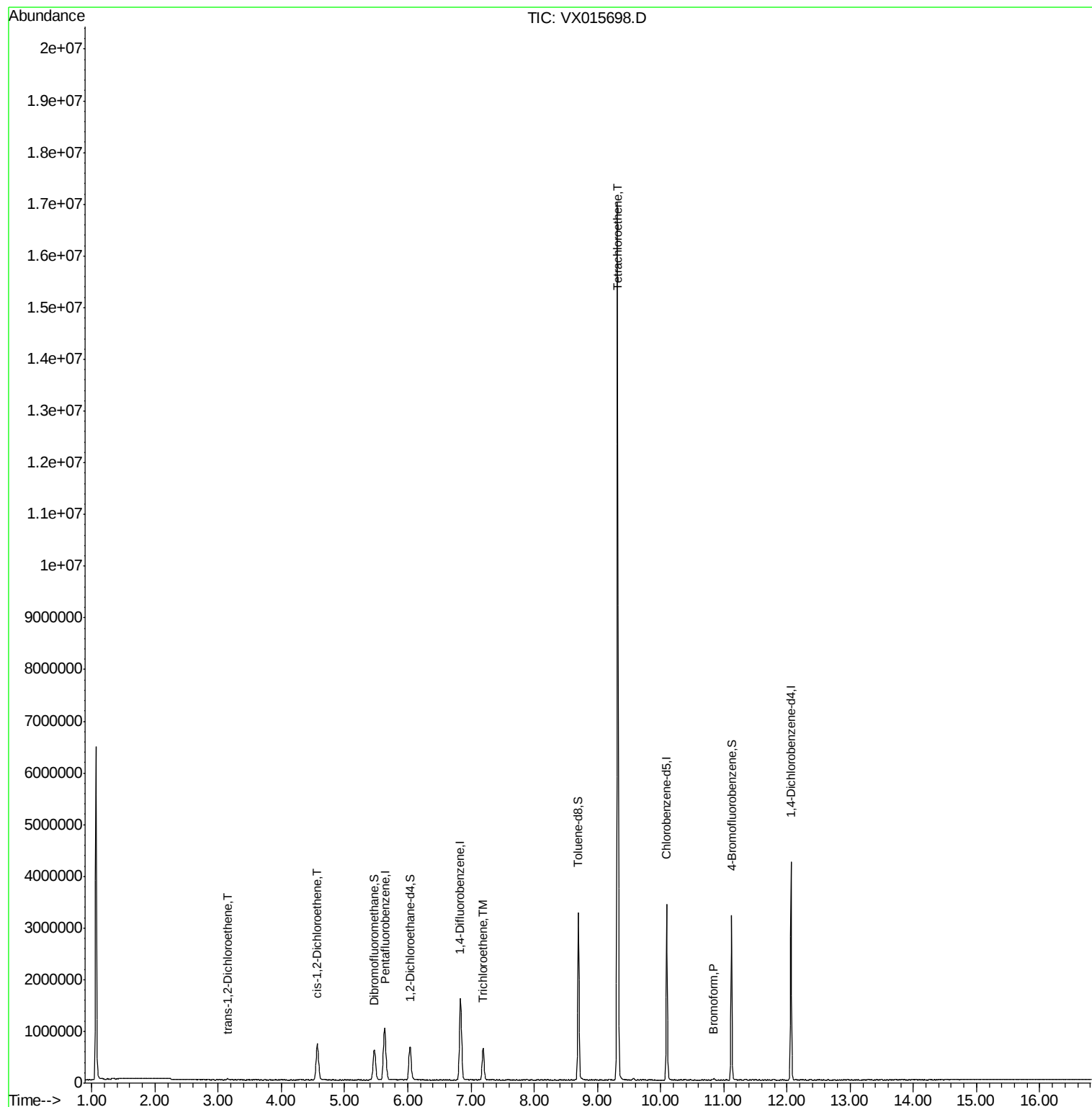
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1041680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1617398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1553823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	855604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	634961	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
35) Dibromofluoromethane	5.47	113	495043	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	8.70	98	1940602	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	808091	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.14	96	9004	0.825	ug/l #	83
27) cis-1,2-Dichloroethene	4.57	96	443097	35.090	ug/l	89
44) Trichloroethene	7.19	130	251765	21.147	ug/l	94
64) Tetrachloroethene	9.32	164	3387781	288.904	ug/l	92
71) Bromoform	10.84	173	12597	1.118	ug/l #	97

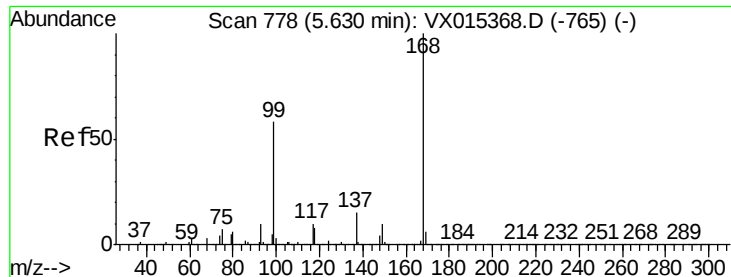
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041520\
Data File : VX015698.D
Acq On : 15 Apr 2020 20:54
Operator : JC/SP
Sample : L2233-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-200408

Quant Time: Apr 16 07:50:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

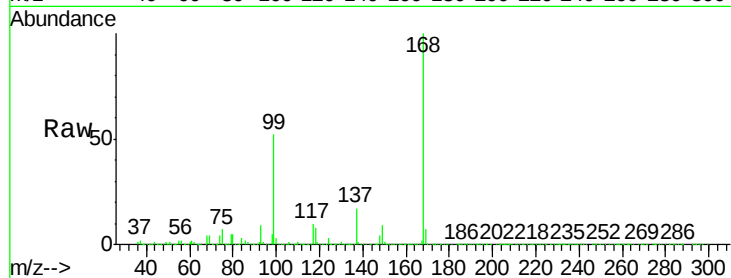
SS037MW304-200408

Tot Ion:168 Resp: 1041680

Ion Ratio Lower Upper

168 100

99 51.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

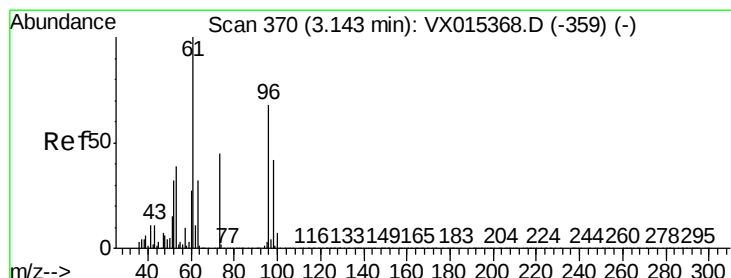
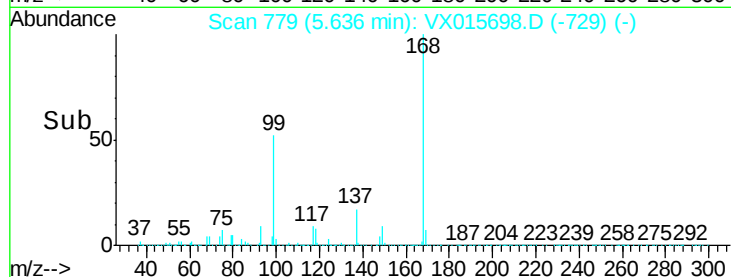
300000

200000

100000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.825 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

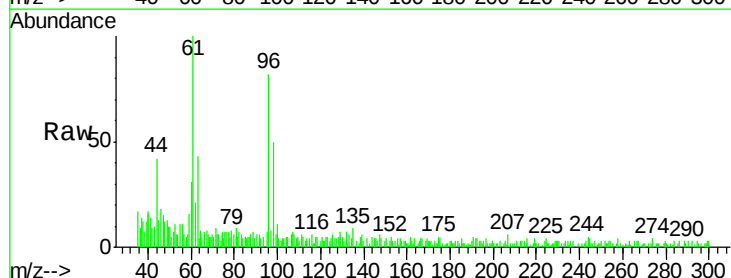
Tgt Ion: 96 Resp: 9004

Ion Ratio Lower Upper

96 100

61 116.6 116.9 175.3#

98 59.0 48.6 73.0



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

8000

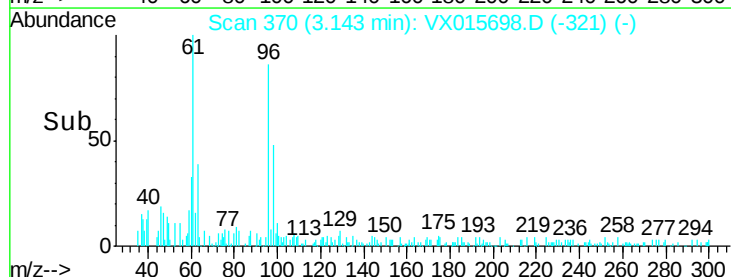
6000

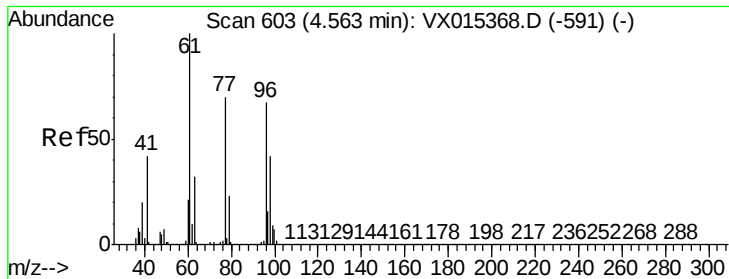
4000

2000

0

Time-->



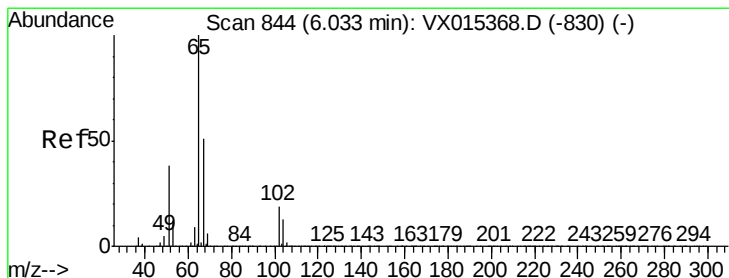
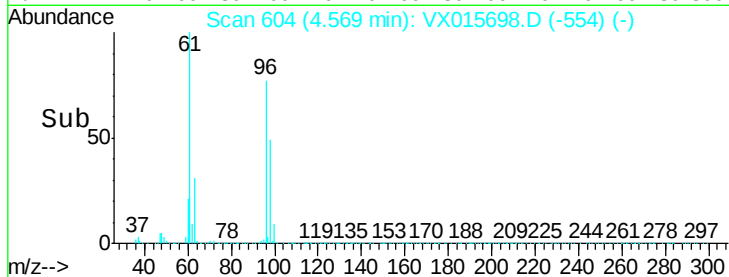
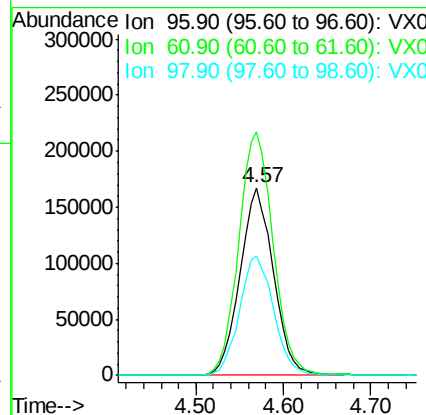
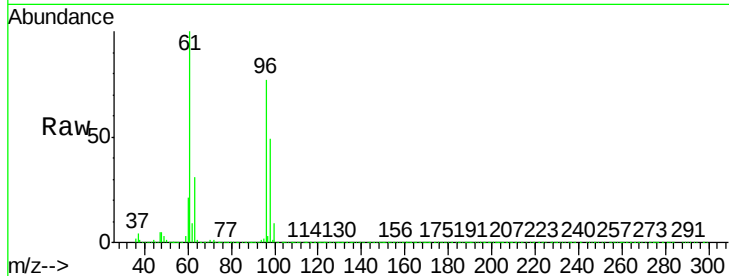


#27

cis-1,2-Dichloroethene
Concen: 35.090 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015698.D
Acq: 15 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-200408

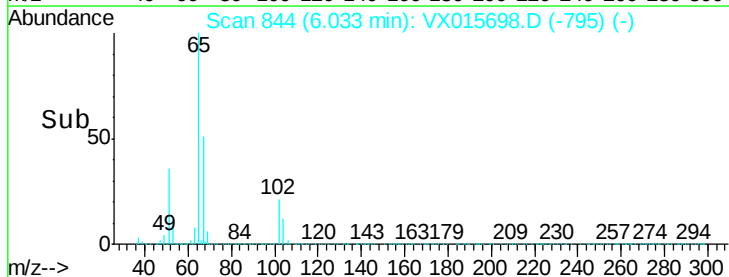
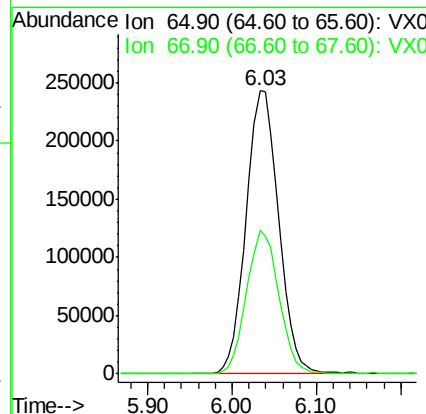
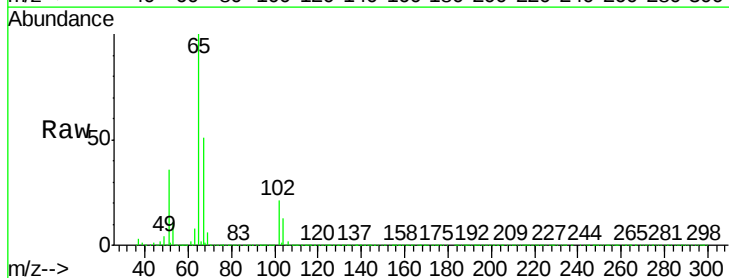
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	308.4
98	65.0	0.0	129.2

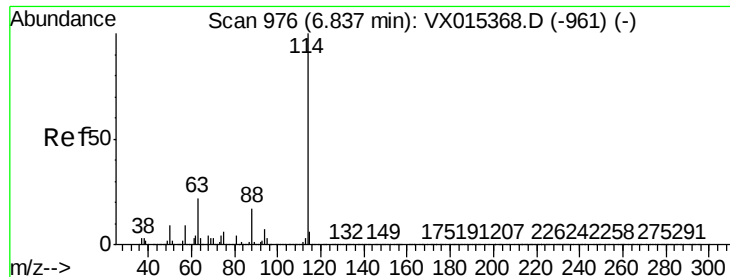


#33

1,2-Dichloroethane-d4
Concen: 43.219 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015698.D
Acq: 15 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

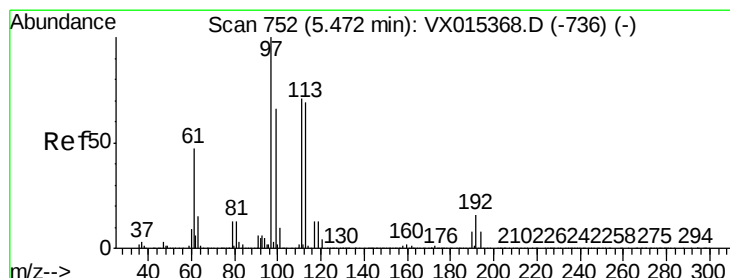
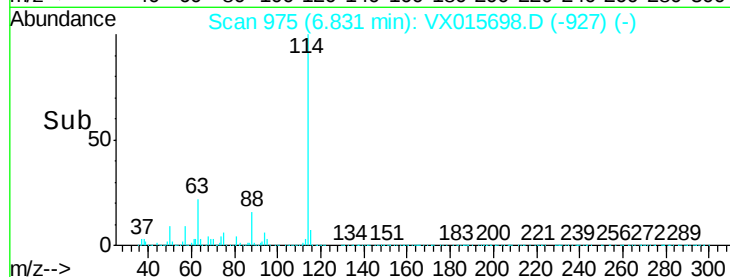
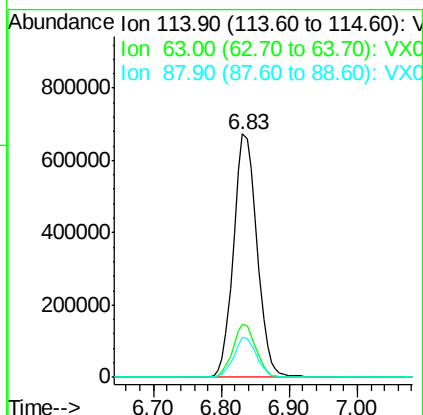
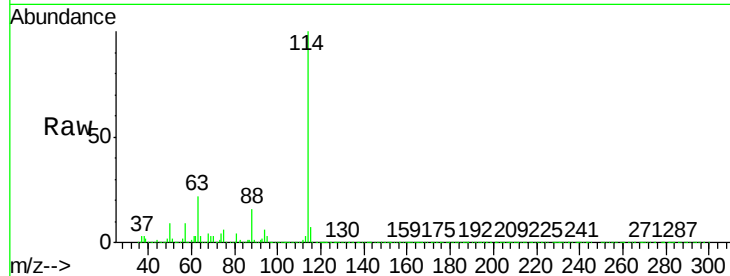




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015698.D
 Acq: 15 Apr 2020 20:54

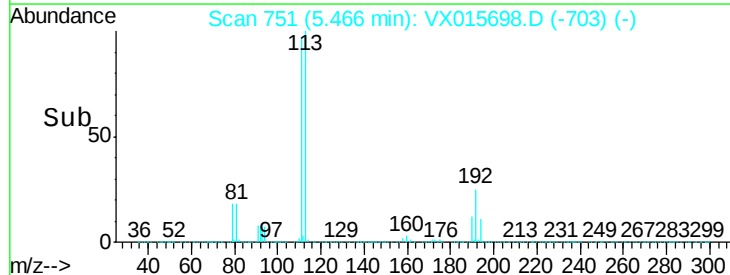
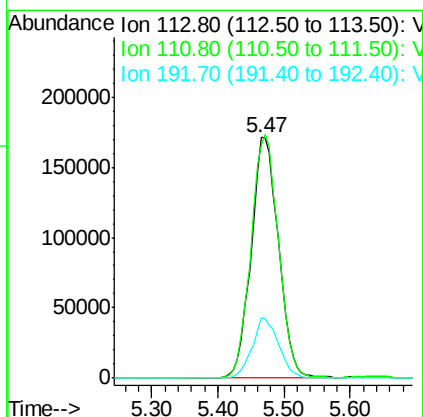
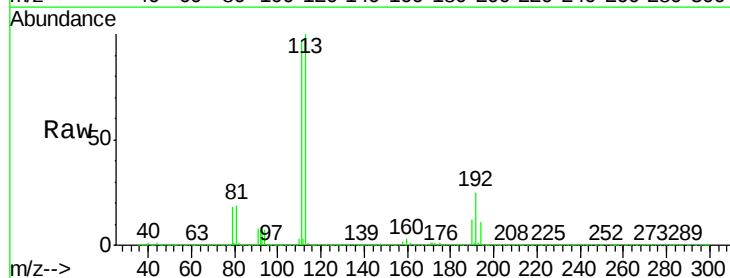
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-200408

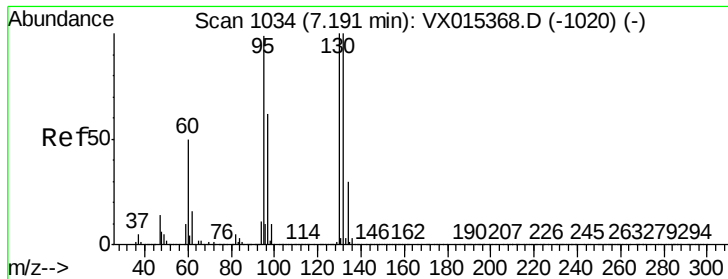
Tot Ion:114 Resp: 1617398
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.4 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 47.882 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015698.D
 Acq: 15 Apr 2020 20:54

Tgt Ion:113 Resp: 495043
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 24.1 17.8 26.6





#44

Trichloroethene

Concen: 21.147 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

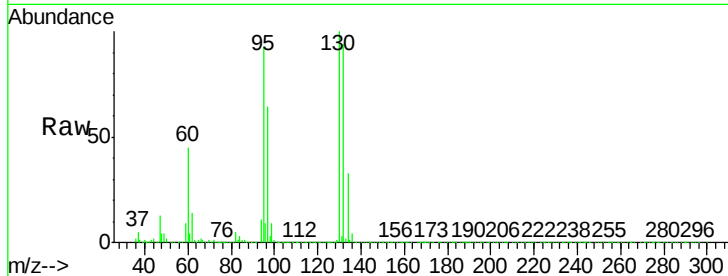
SS037MW304-200408

Tot Ion:130 Resp: 251765

Ion Ratio Lower Upper

130 100

95 93.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

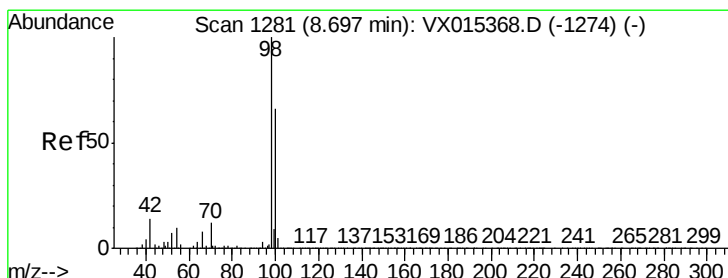
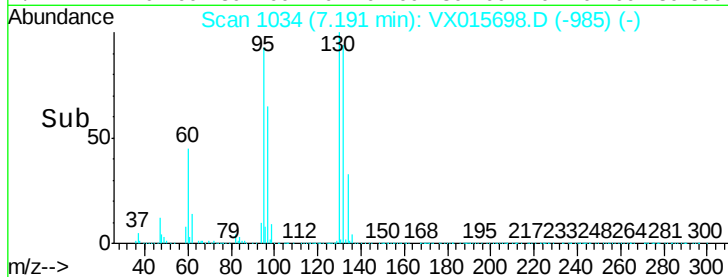
7.19

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015698.D

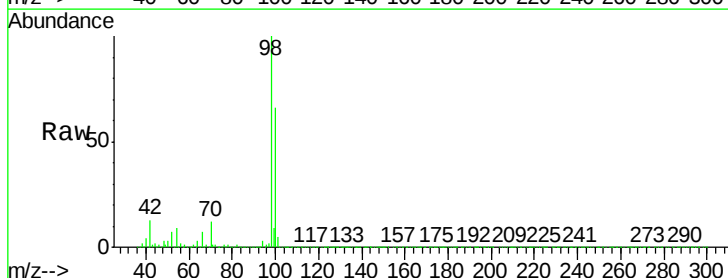
Acq: 15 Apr 2020 20:54

Tgt Ion: 98 Resp: 1940602

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

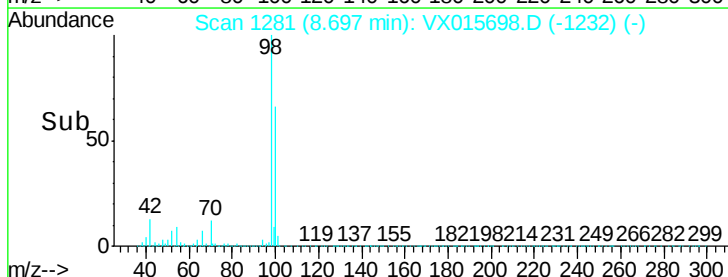
8.70

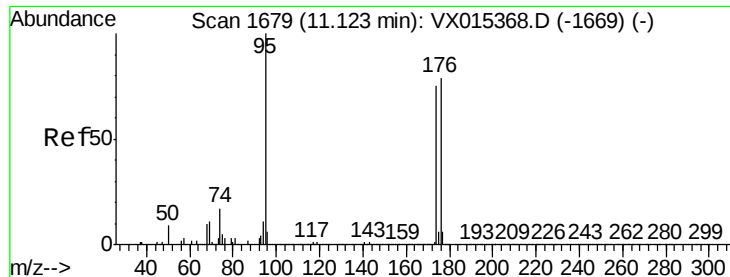
1000000

500000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.237 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-200408

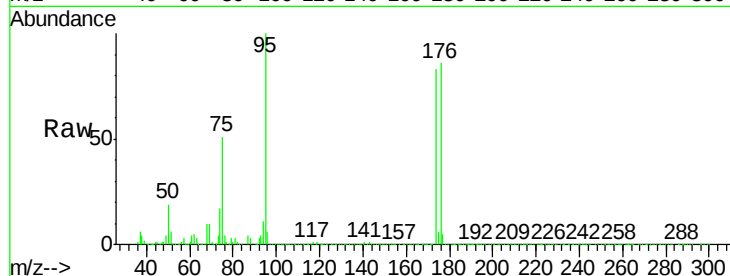
Tot Ion: 95 Resp: 808091

Ion Ratio Lower Upper

95 100

174 84.0 0.0 158.6

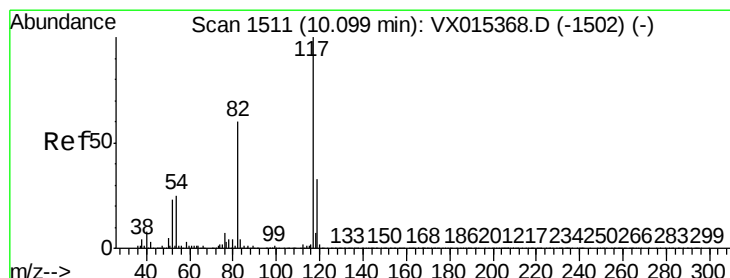
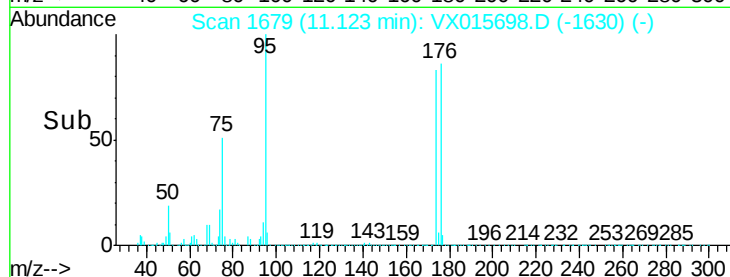
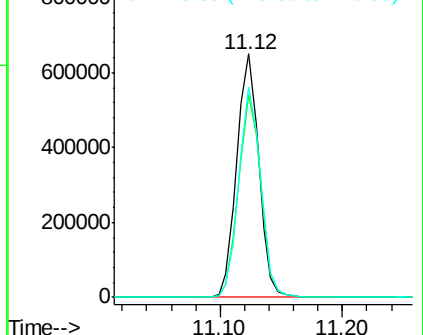
176 85.9 0.0 159.0



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: VX015698.D

Acq: 15 Apr 2020 20:54

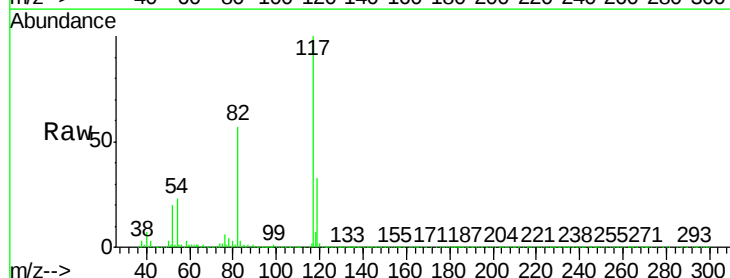
Tgt Ion: 117 Resp: 1553823

Ion Ratio Lower Upper

117 100

82 56.7 47.8 71.8

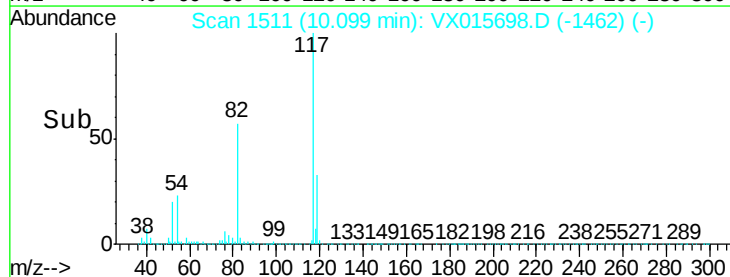
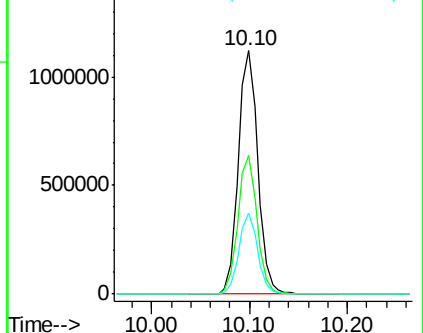
119 33.0 26.8 40.2

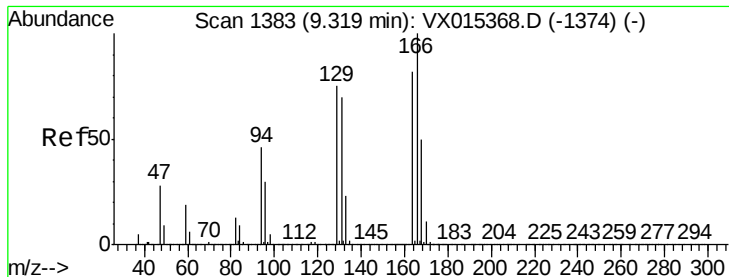


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 288.904 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-200408

Tot Ion:164 Resp: 3387781

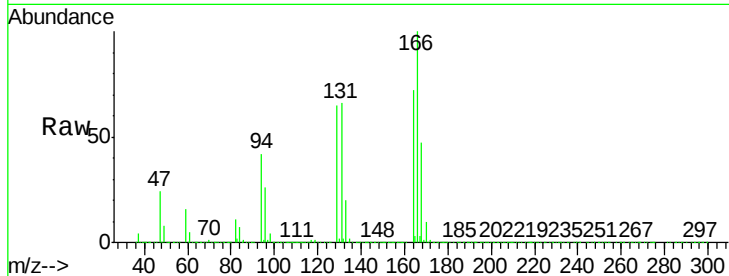
Ion Ratio Lower Upper

164 100

166 138.8 97.8 146.6

129 89.7 73.0 109.4

131 91.0 68.6 103.0

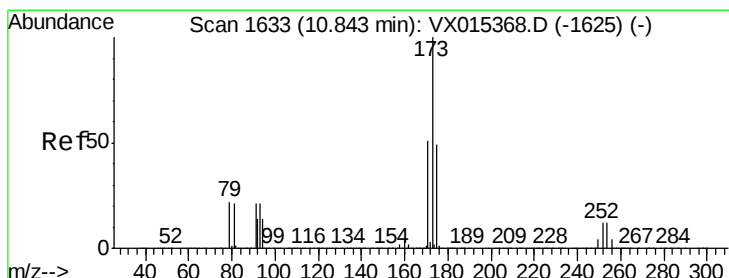
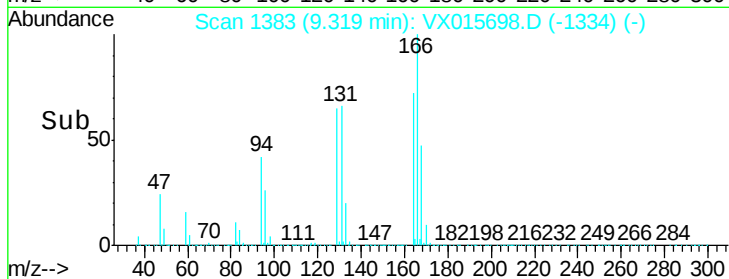
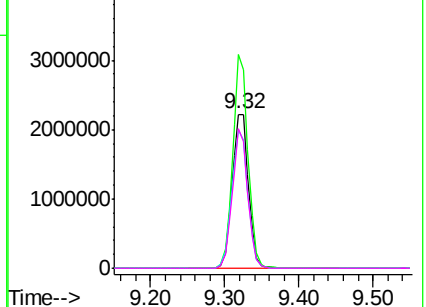


Abundance Ion 163.80 (163.50 to 164.50): V

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



#71

Bromoform

Concen: 1.118 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015698.D

Acq: 15 Apr 2020 20:54

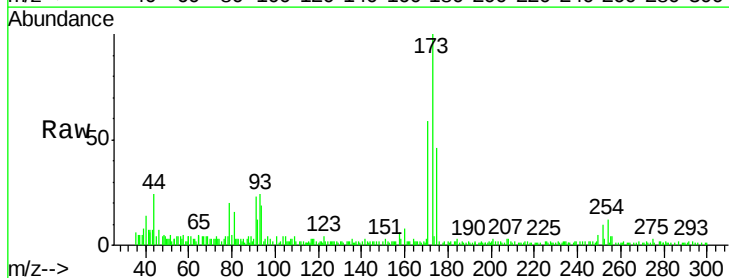
Tgt Ion:173 Resp: 12597

Ion Ratio Lower Upper

173 100

175 45.4 23.9 71.7

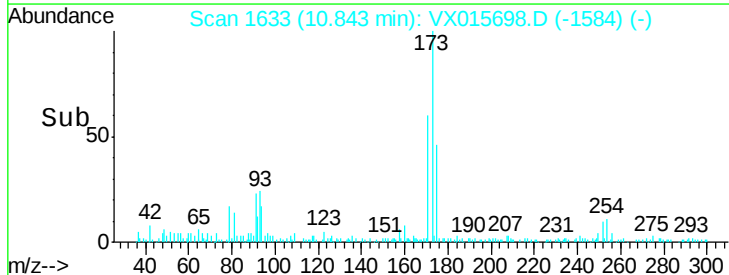
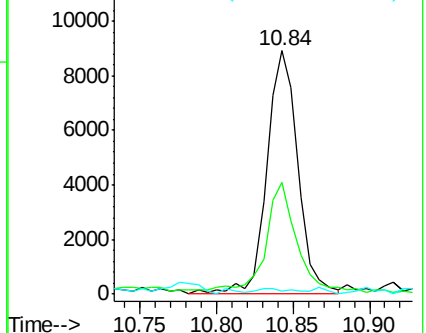
254 1.7 0.1 0.1#

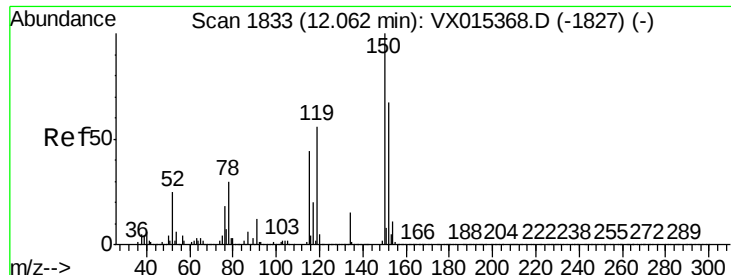


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX015698.D

Acq: 15 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-200408

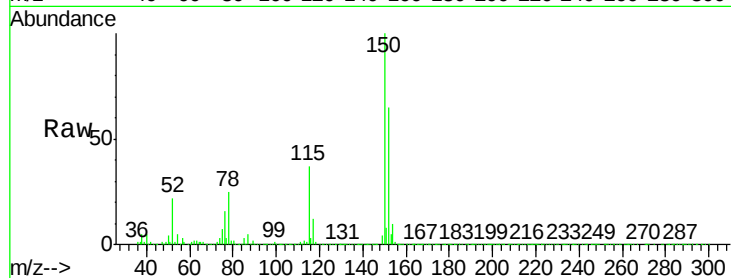
Tot Ion:152 Resp: 855604

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

150 156.3 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

