

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015706.D
 Acq On : 16 Apr 2020 12:59
 Operator : JC/SP
 Sample : L2233-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0543-200408

Quant Time: Apr 17 07:30:07 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

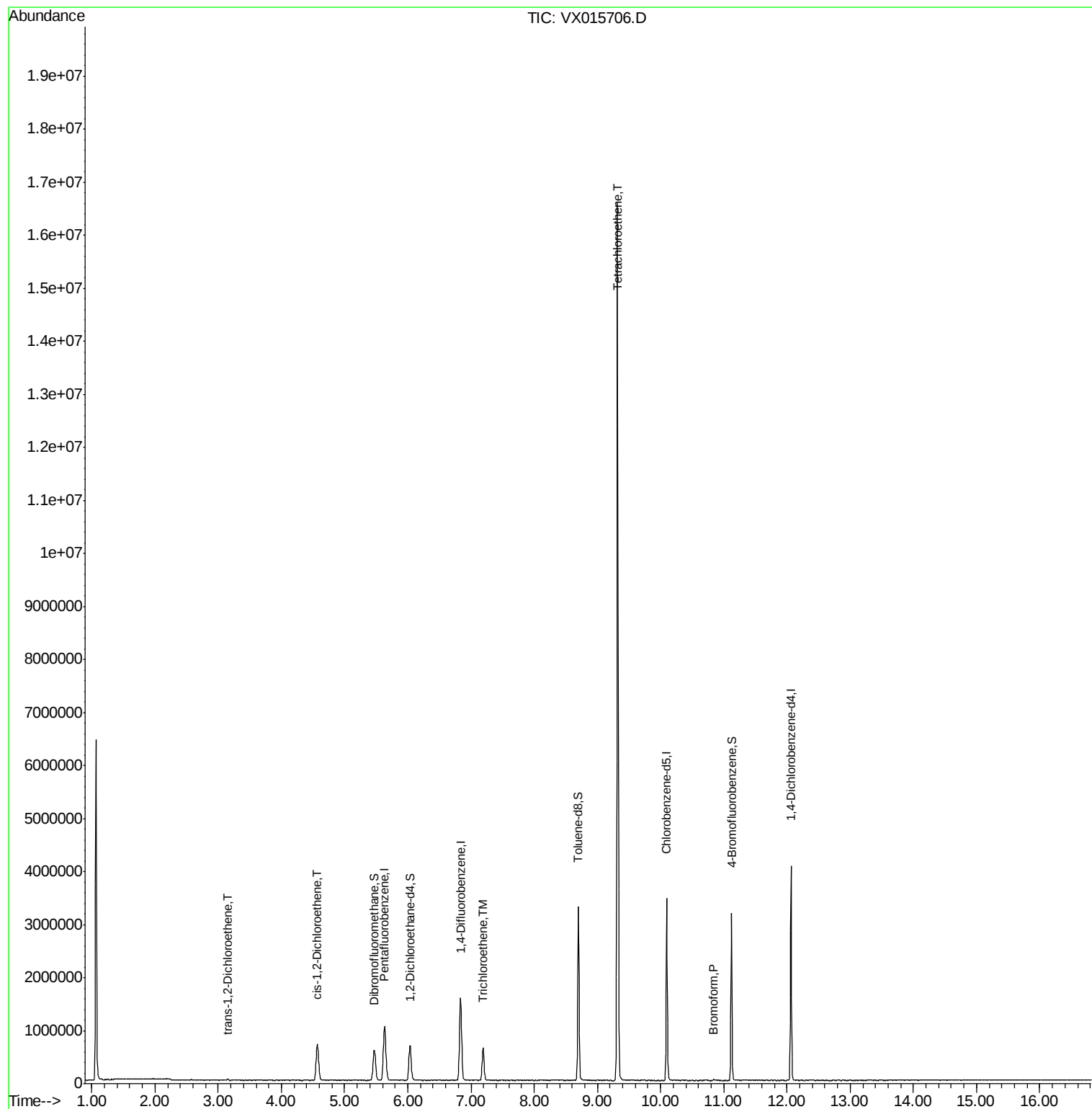
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1067137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1592652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1544365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	836908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	629335	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
35) Dibromofluoromethane	5.47	113	490404	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.70	98	1925004	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.12	95	797165	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.15	96	9927	0.888	ug/l	86
27) cis-1,2-Dichloroethene	4.57	96	444789	34.384	ug/l	88
44) Trichloroethene	7.19	130	247096	21.077	ug/l	91
64) Tetrachloroethene	9.32	164	3422519	293.654	ug/l	98
71) Bromoform	10.84	173	8293	0.740	ug/l #	83

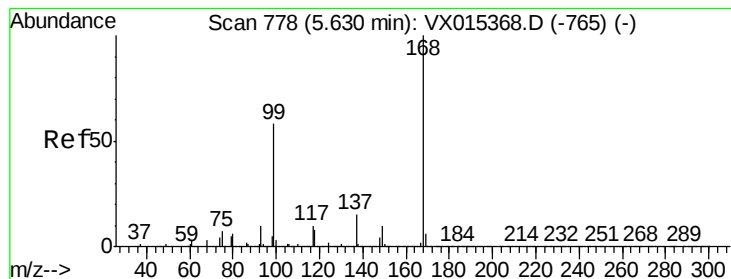
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

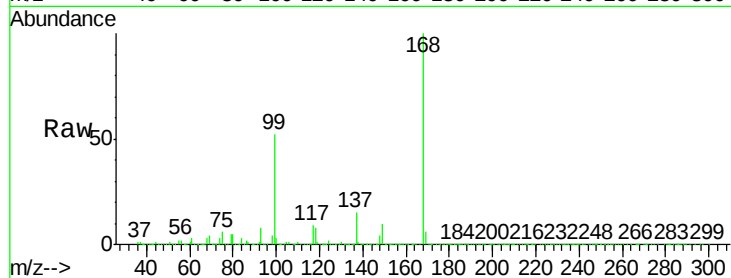
Z3-DUP-0543-200408

Tot Ion:168 Resp: 1067137

Ion Ratio Lower Upper

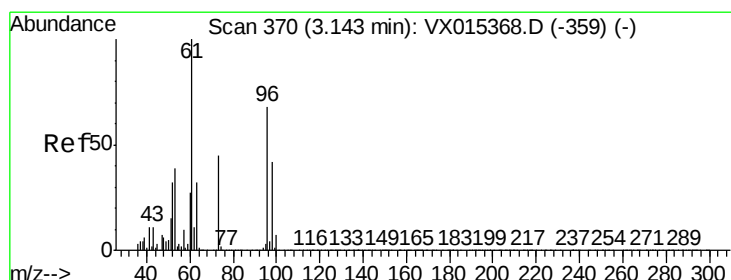
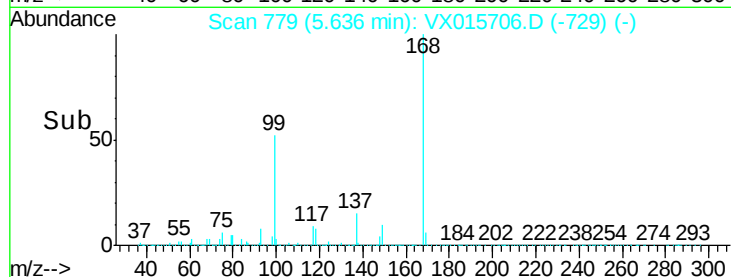
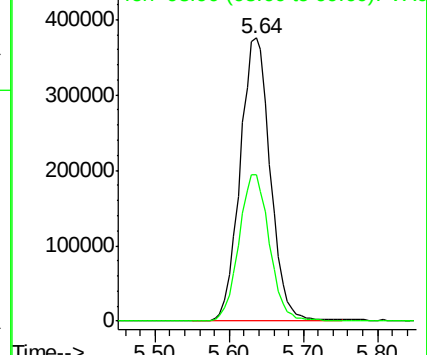
168 100

99 51.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.888 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

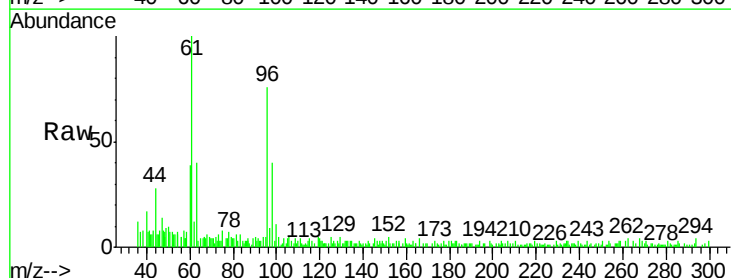
Tgt Ion: 96 Resp: 9927

Ion Ratio Lower Upper

96 100

61 127.9 116.9 175.3

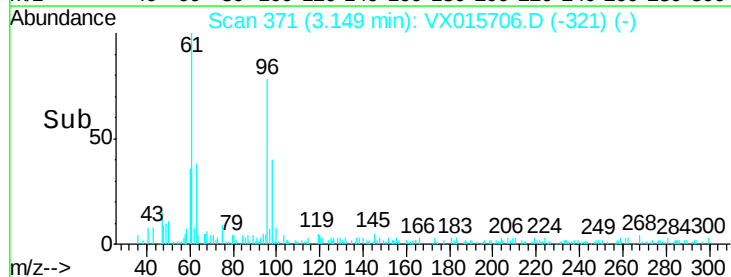
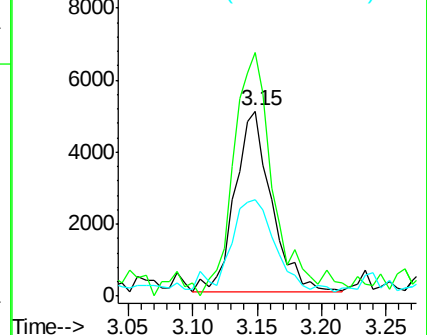
98 50.2 48.6 73.0

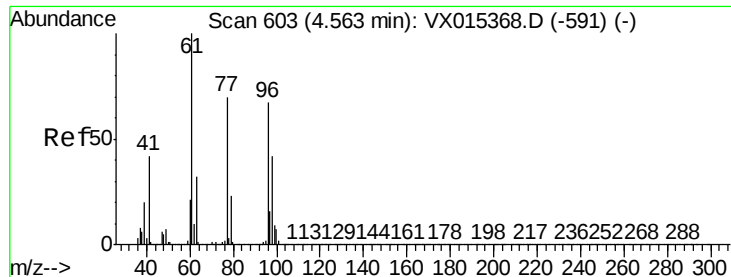


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



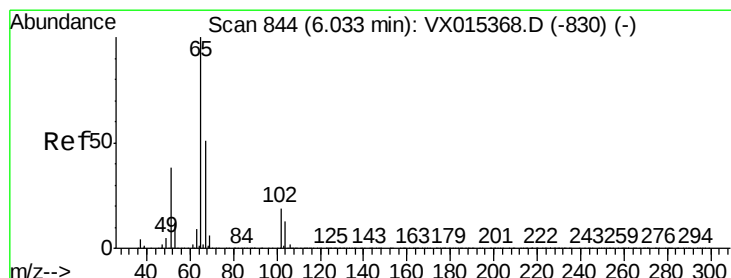
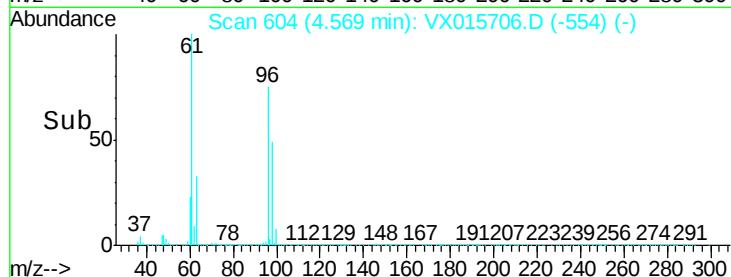
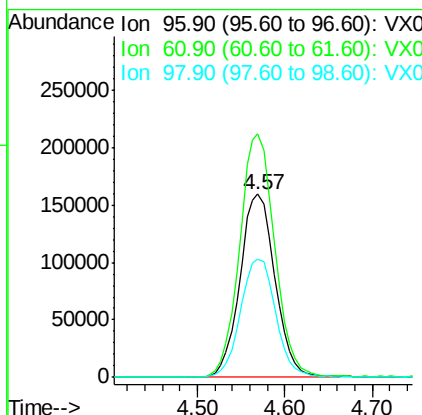
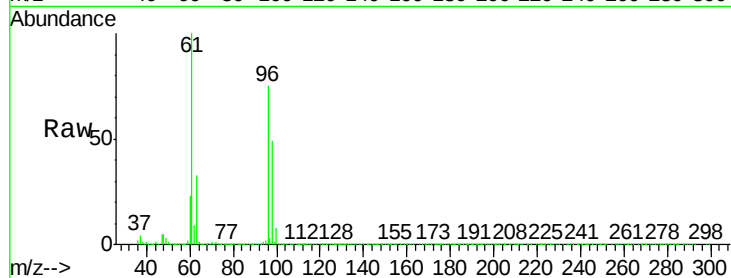


#27

cis-1,2-Dichloroethene
Concen: 34.384 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015706.D
Acq: 16 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
Z3-DUP-0543-200408

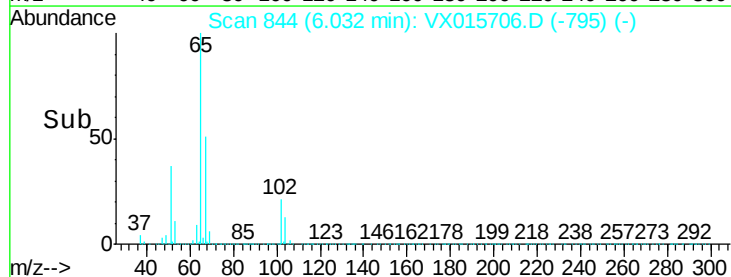
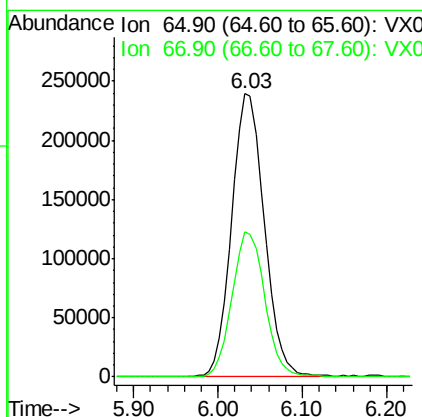
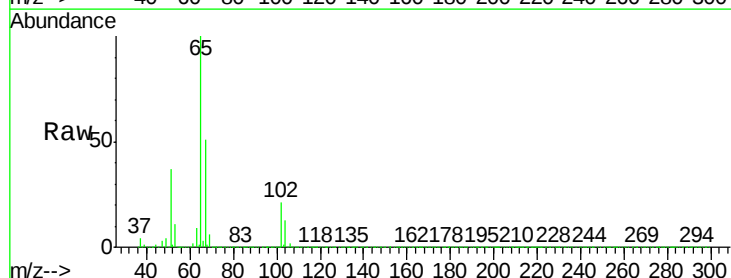
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	308.4
98	64.4	0.0	129.2

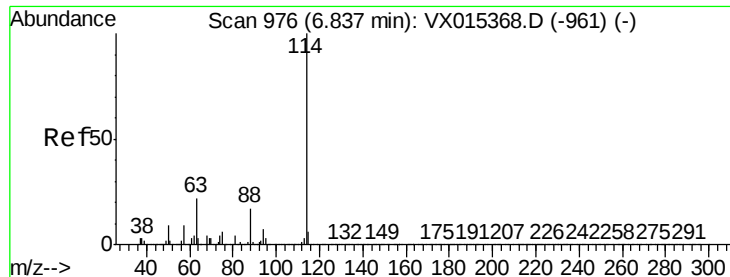


#33

1,2-Dichloroethane-d4
Concen: 41.814 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015706.D
Acq: 16 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0543-200408

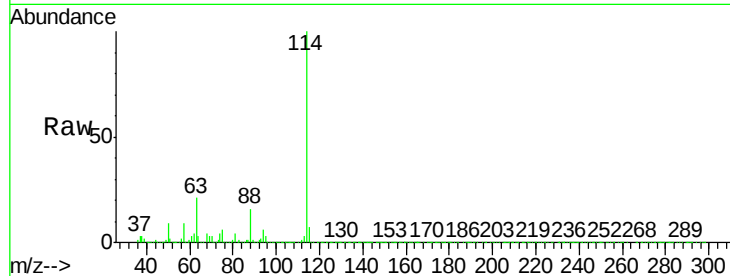
Tot Ion:114 Resp: 1592652

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

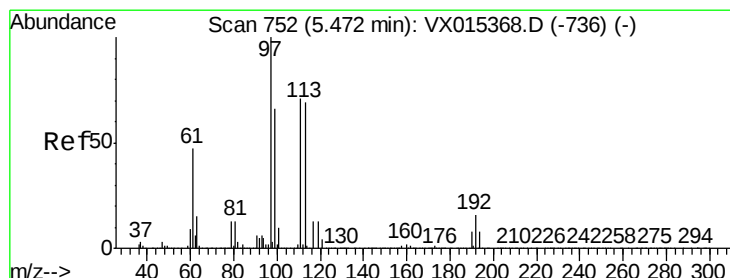
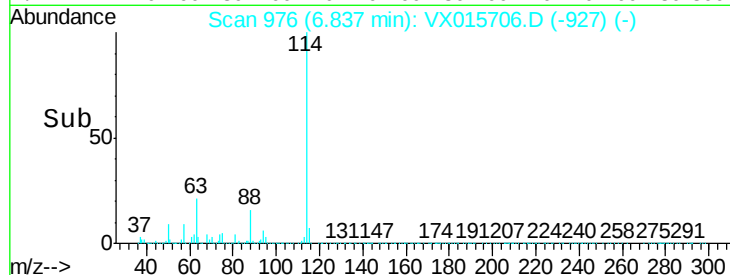
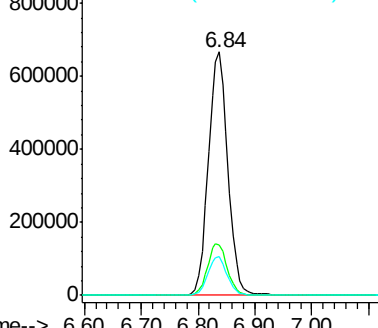
88 16.1 0.0 33.8



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: 48.170 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

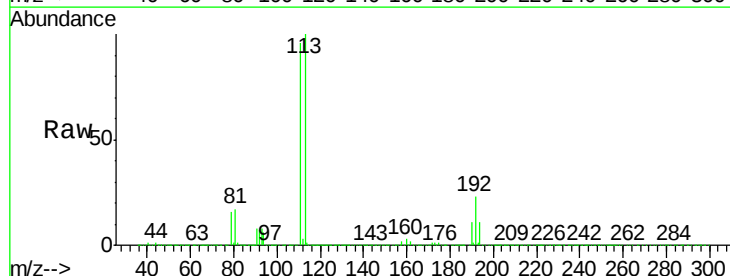
Tgt Ion:113 Resp: 490404

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

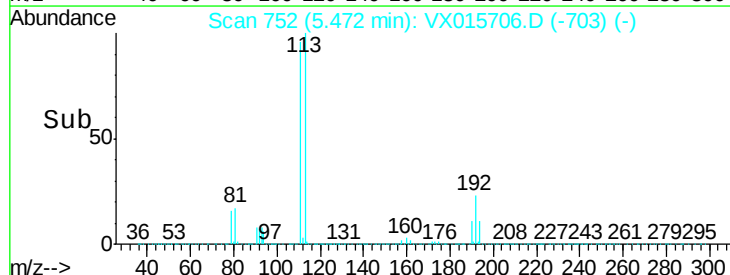
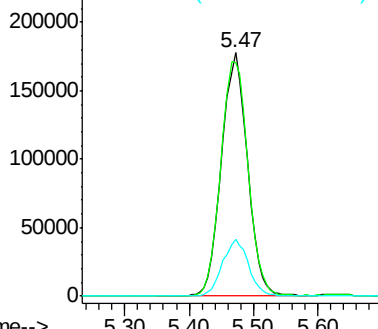
192 23.4 17.8 26.6

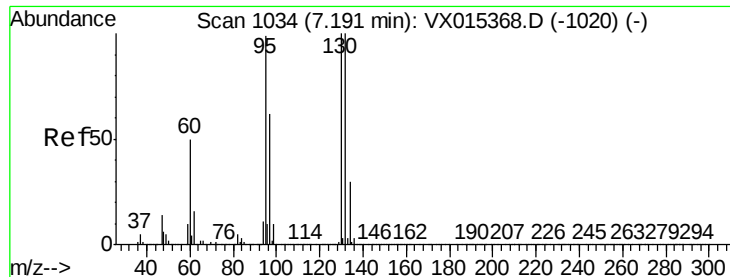


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 21.077 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

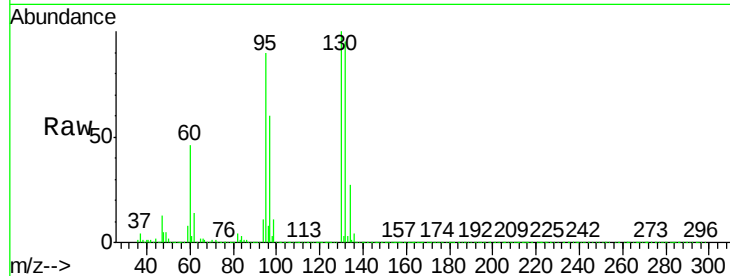
Z3-DUP-0543-200408

Tot Ion:130 Resp: 247096

Ion Ratio Lower Upper

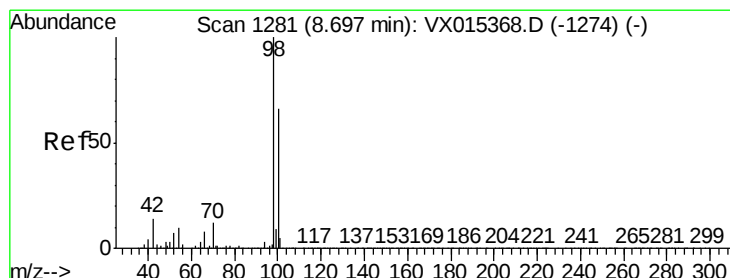
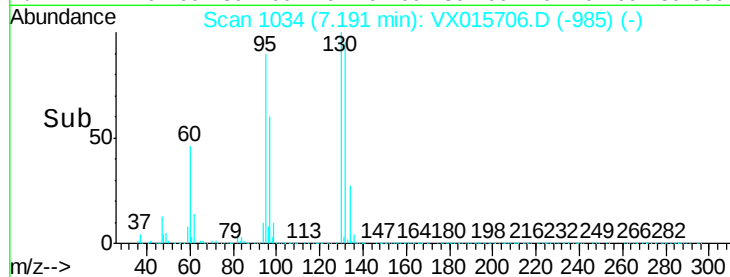
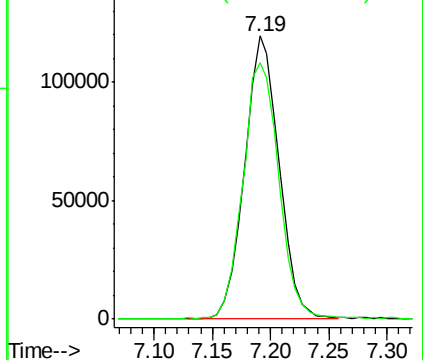
130 100

95 90.1 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: 51.357 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015706.D

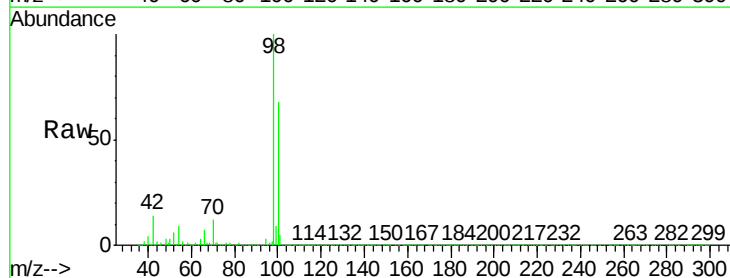
Acq: 16 Apr 2020 12:59

Tgt Ion: 98 Resp: 1925004

Ion Ratio Lower Upper

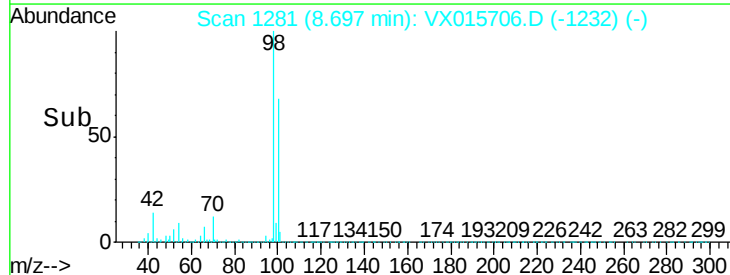
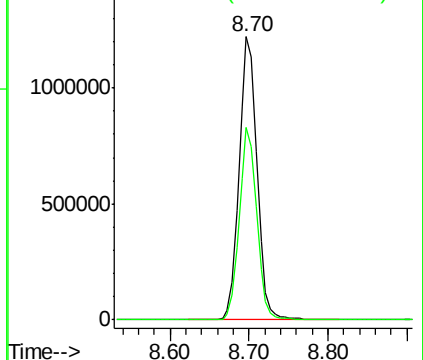
98 100

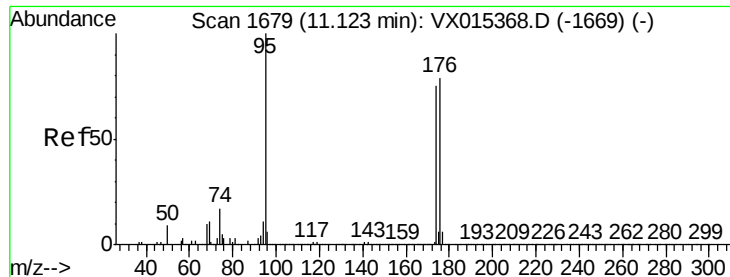
100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.332 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0543-200408

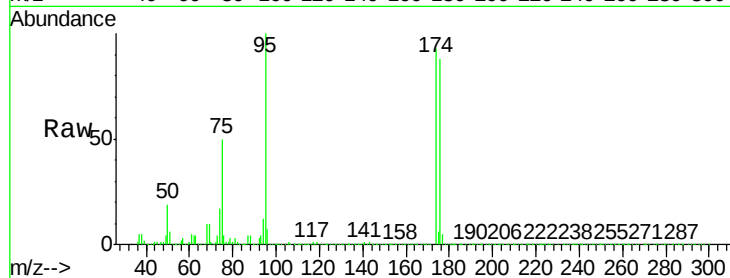
Tot Ion: 95 Resp: 797165

Ion Ratio Lower Upper

95 100

174 87.0 0.0 158.6

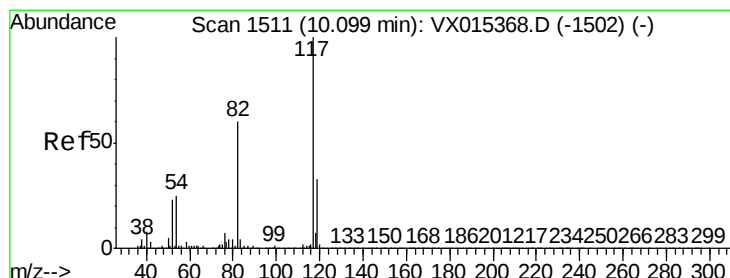
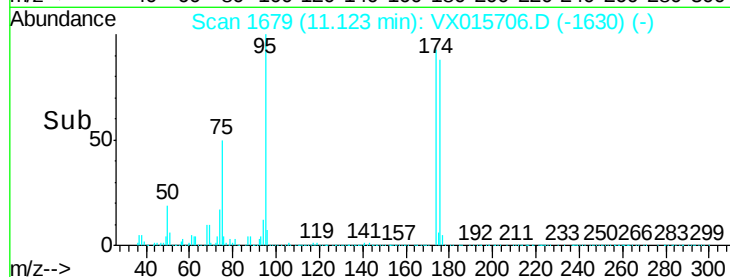
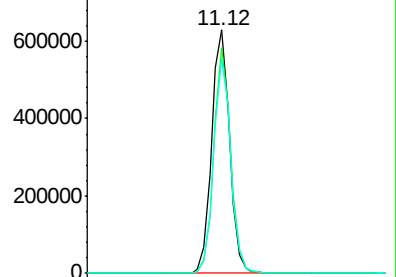
176 84.0 0.0 159.0



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: VX015706.D

Acq: 16 Apr 2020 12:59

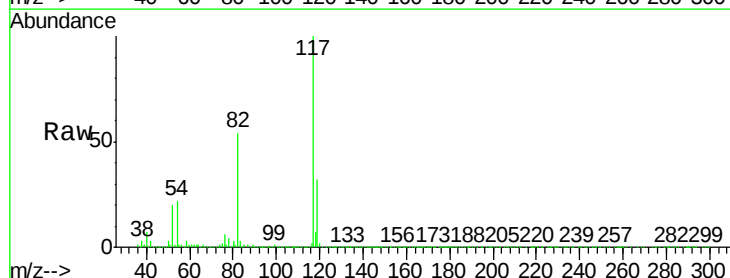
Tgt Ion: 117 Resp: 1544365

Ion Ratio Lower Upper

117 100

82 54.2 47.8 71.8

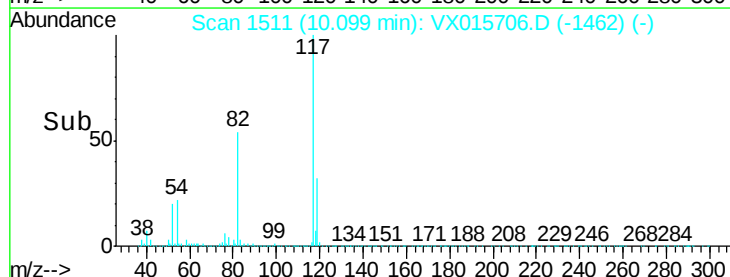
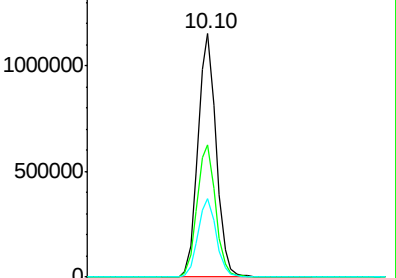
119 32.2 26.8 40.2

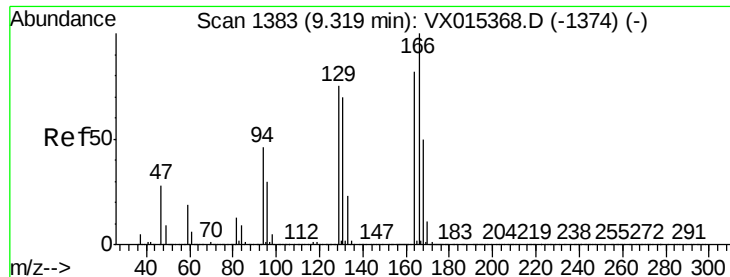


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 293.654 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

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ClientSampleId :

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Tot Ion:164 Resp: 3422519

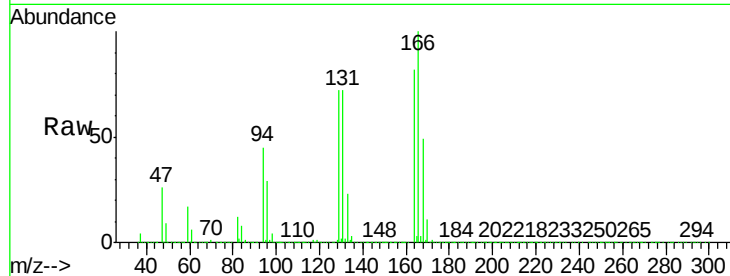
Ion Ratio Lower Upper

164 100

166 121.7 97.8 146.6

129 87.7 73.0 109.4

131 87.8 68.6 103.0

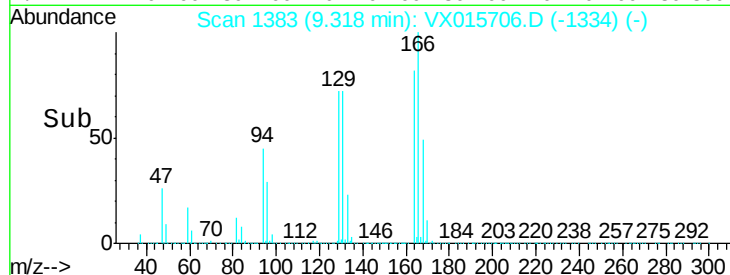


Abundance Ion 163.80 (163.50 to 164.50): V

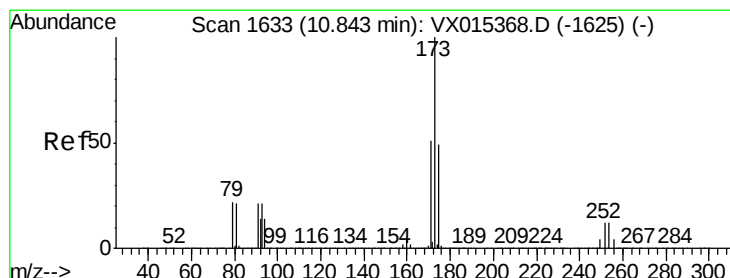
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#71

Bromoform

Concen: 0.740 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

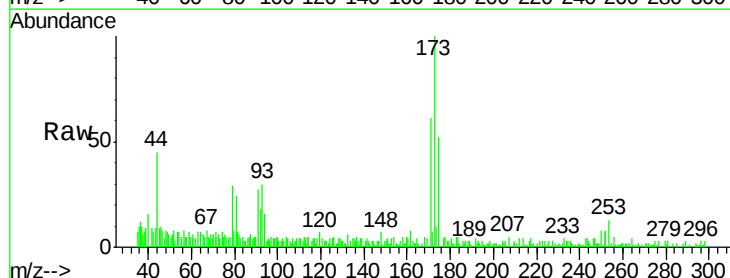
Tgt Ion:173 Resp: 8293

Ion Ratio Lower Upper

173 100

175 59.2 23.9 71.7

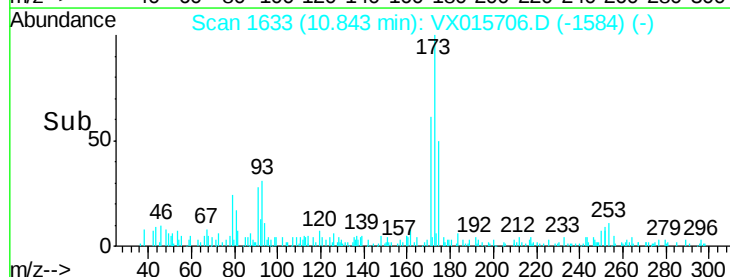
254 1.7 0.1 0.1#



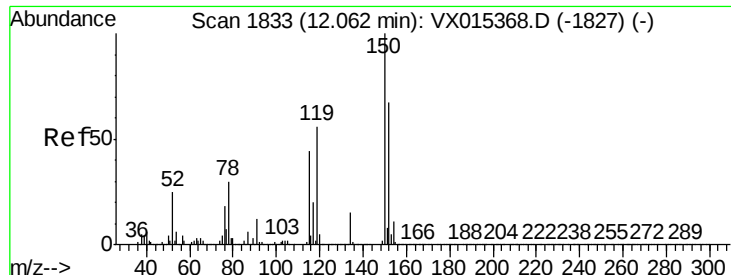
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015706.D

Acq: 16 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0543-200408

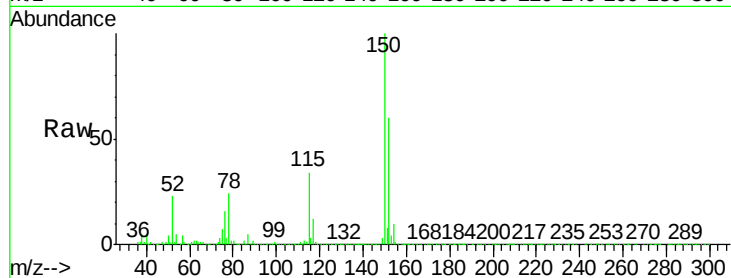
Tot Ion:152 Resp: 836908

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

150 157.4 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

