

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017503.D
 Acq On : 23 Jul 2020 19:24
 Operator : JC/SP
 Sample : L3371-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200720

Quant Time: Jul 24 06:46:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

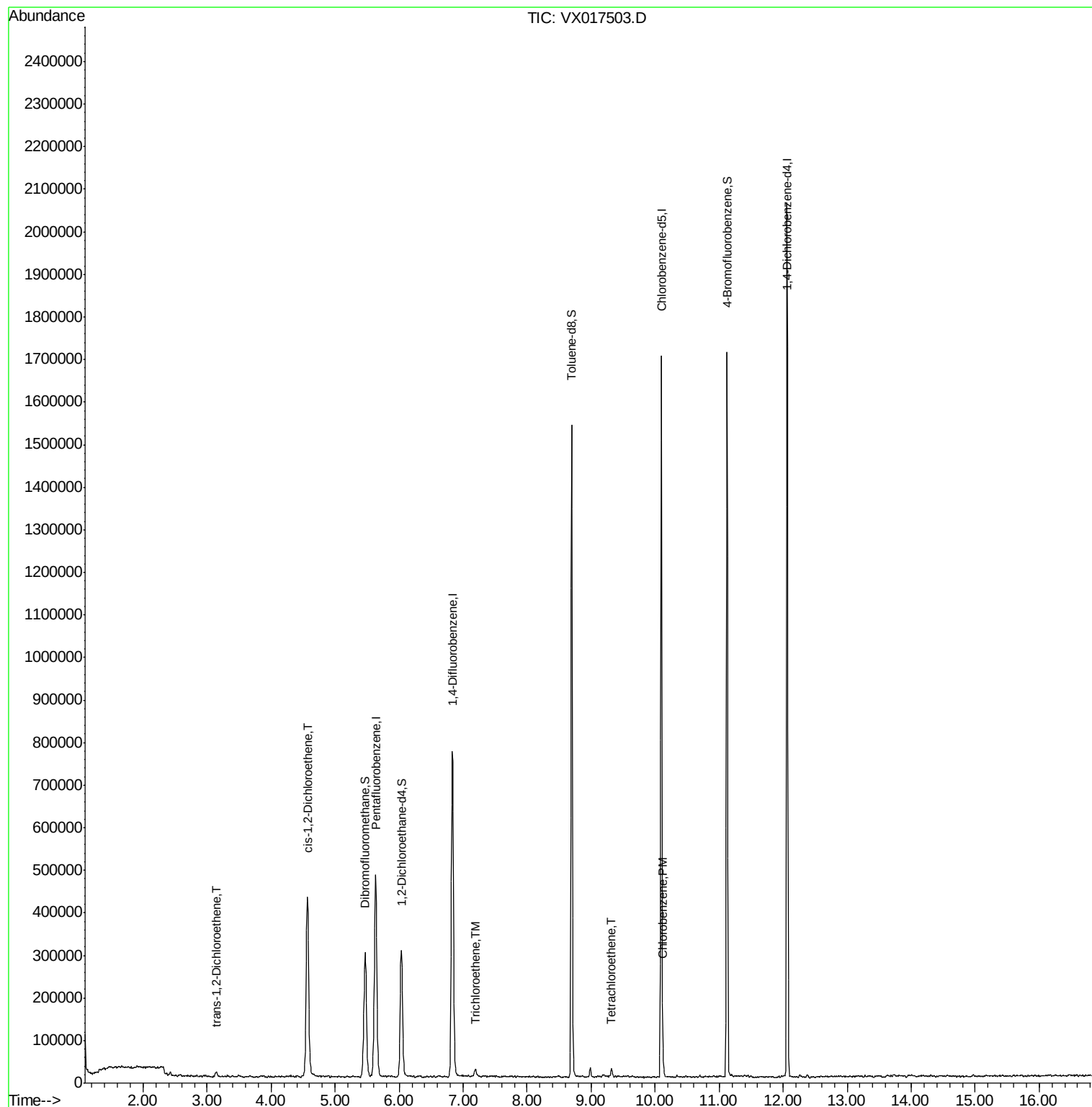
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	758853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	754538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	418014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	306468	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	5.47	113	257078	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	881649	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.12	95	422584	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.15	96	4931	0.988	ug/l	88
27) cis-1,2-Dichloroethene	4.56	96	268743	49.566	ug/l	89
44) Trichloroethene	7.18	130	7690	1.261	ug/l	58
64) Tetrachloroethene	9.32	164	4381	0.647	ug/l	87
65) Chlorobenzene	10.12	112	16023	0.981	ug/l	98

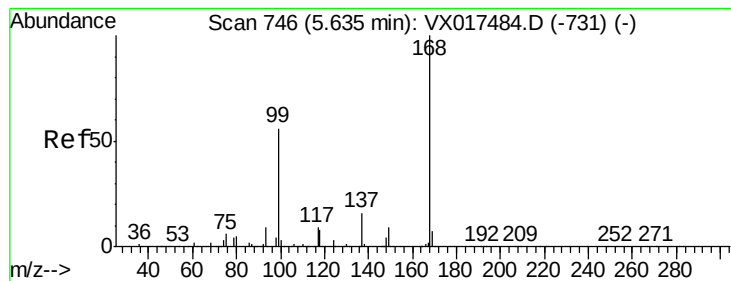
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

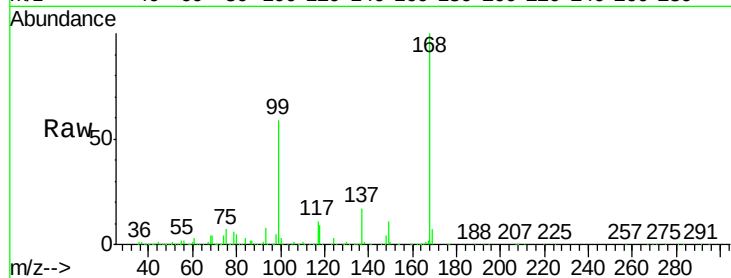
KY038PS027-200720

Tot Ion:168 Resp: 451129

Ion Ratio Lower Upper

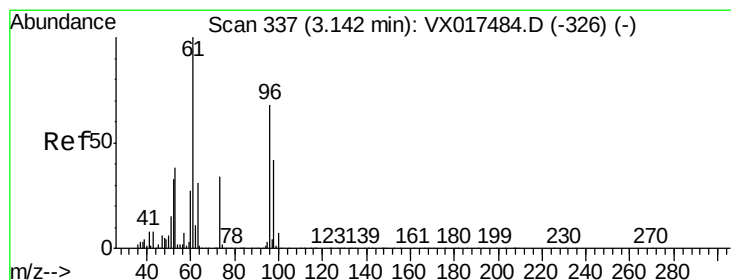
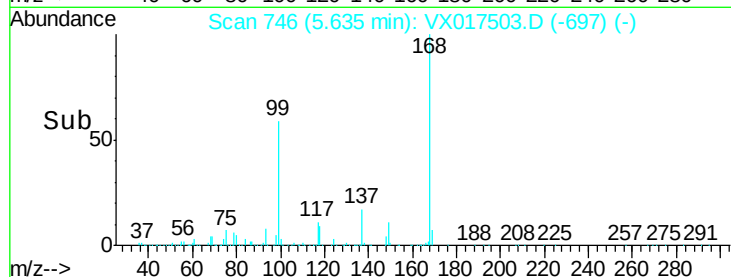
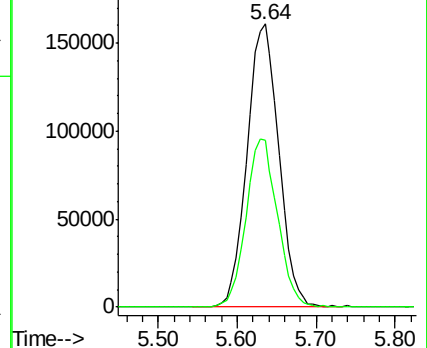
168 100

99 58.7 43.4 65.2



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: 0.988 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

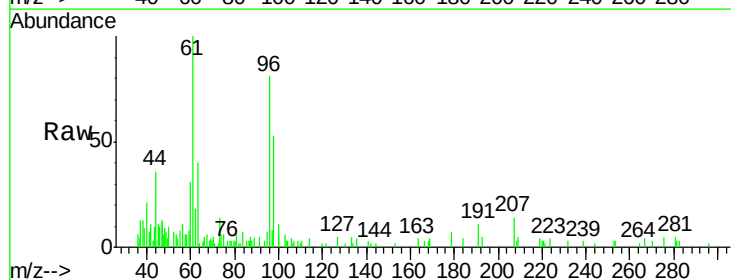
Tgt Ion: 96 Resp: 4931

Ion Ratio Lower Upper

96 100

61 121.8 113.0 169.4

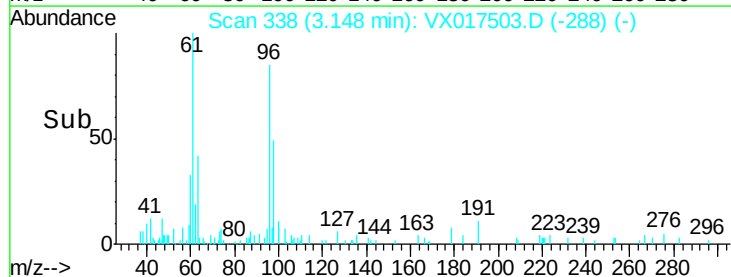
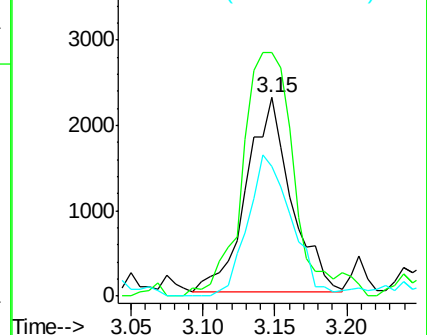
98 66.7 51.8 77.8

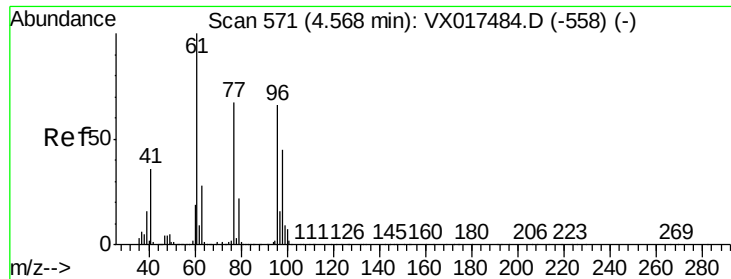


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



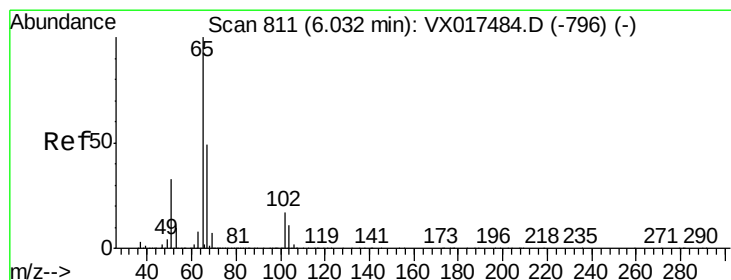
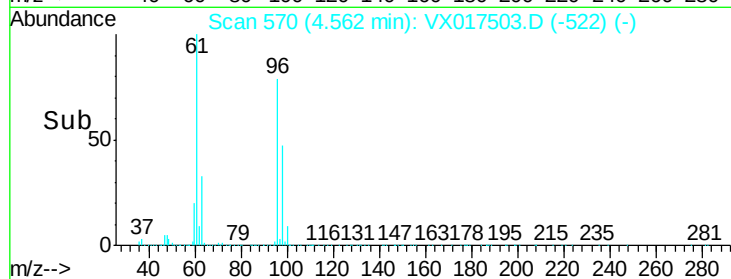
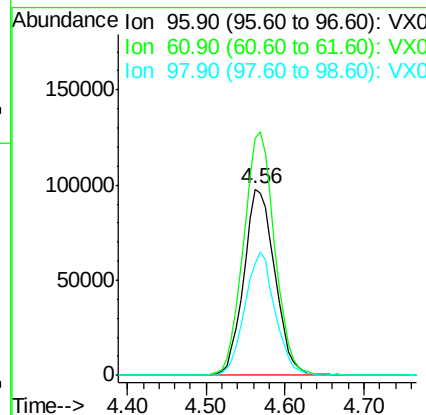
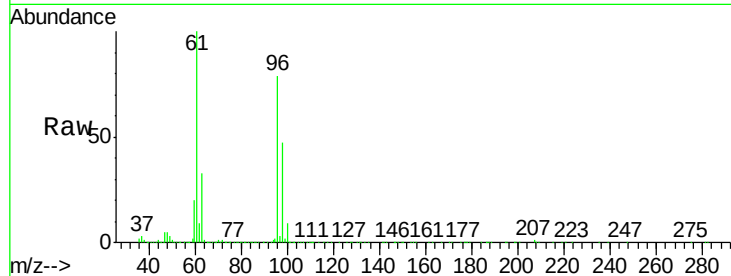


#27

cis-1,2-Dichloroethene
 Concen: 49.566 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017503.D
 Acq: 23 Jul 2020 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200720

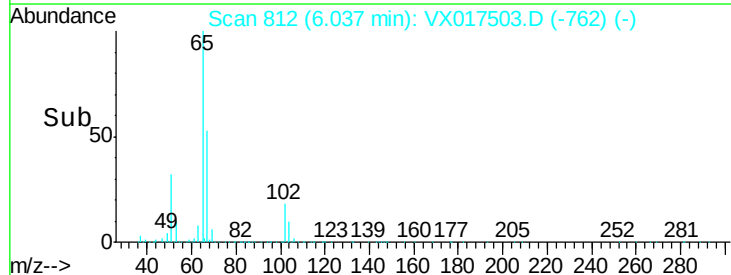
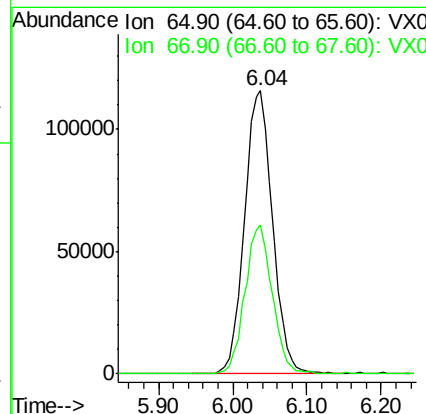
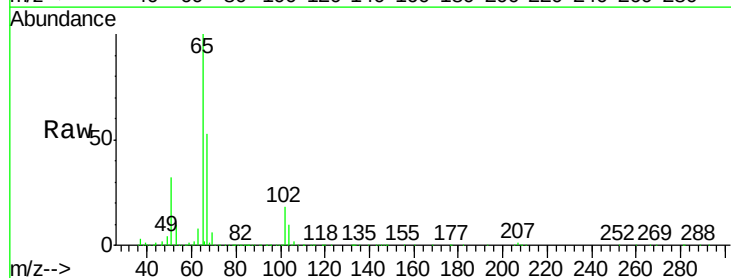
Tot Ion	96	Resp	268743
Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	301.2
98	64.5	0.0	130.0

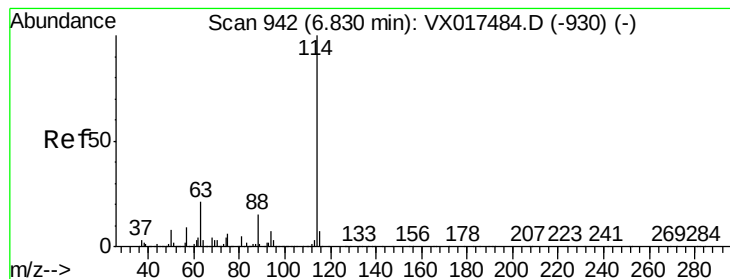


#33

1,2-Dichloroethane-d4
 Concen: 52.885 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017503.D
 Acq: 23 Jul 2020 19:24

Tgt Ion	65	Resp	306468
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

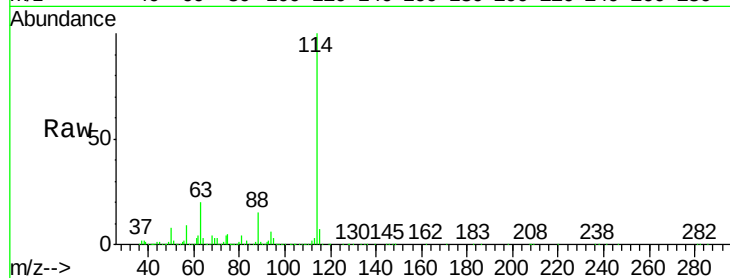
Tot Ion:114 Resp: 758853

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

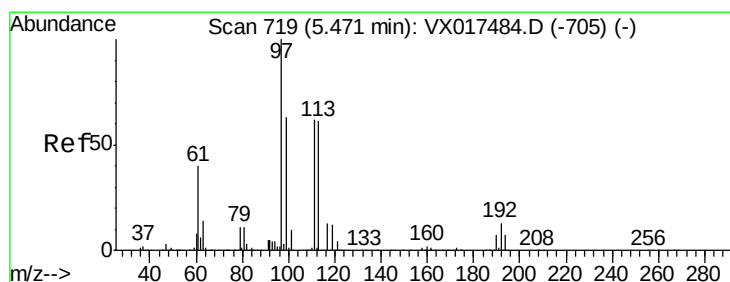
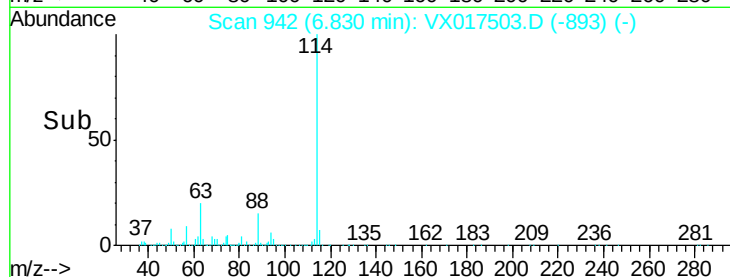
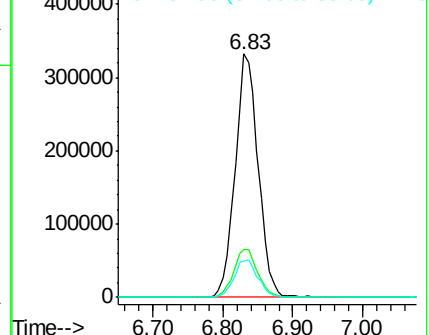
88 14.9 0.0 33.4



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: 50.653 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

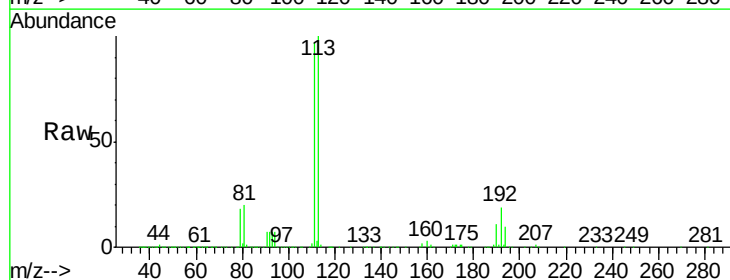
Tgt Ion:113 Resp: 257078

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

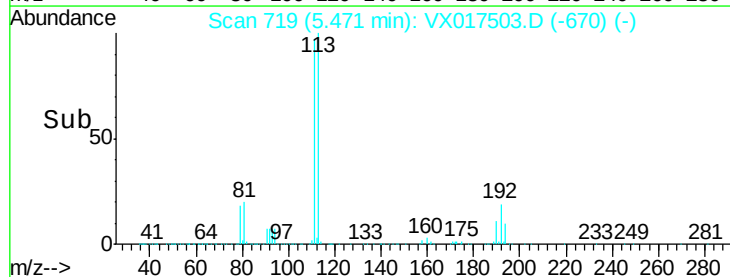
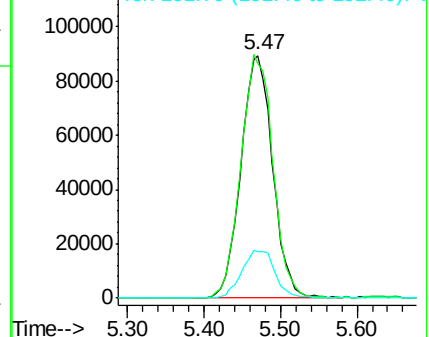
192 20.7 16.9 25.3

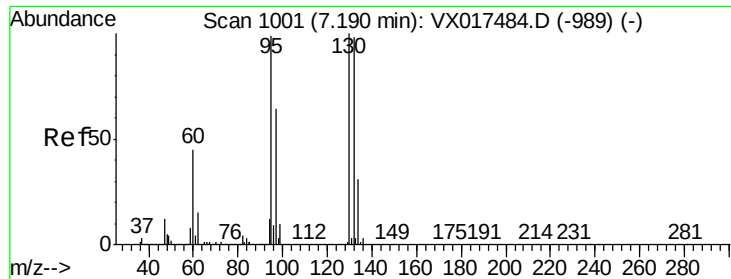


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.261 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

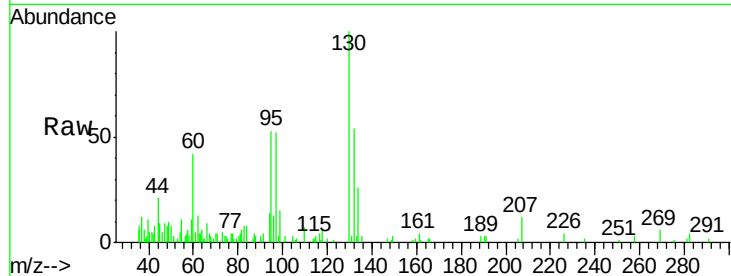
KY038PS027-200720

Tot Ion:130 Resp: 7690

Ion Ratio Lower Upper

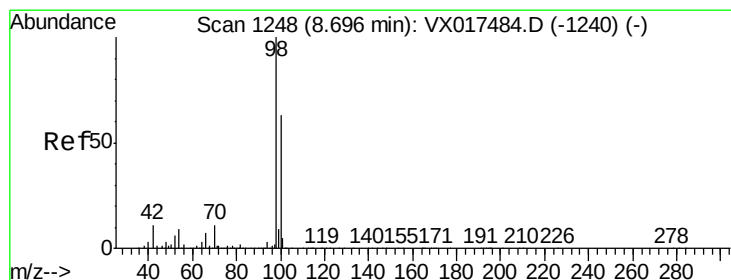
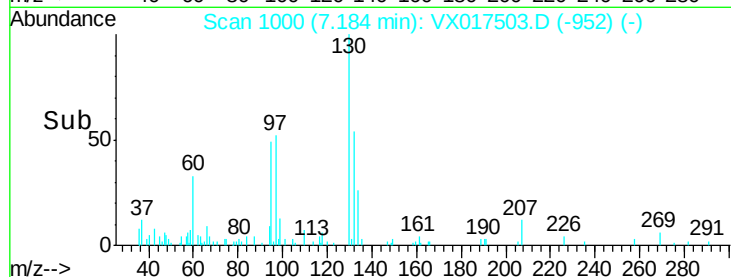
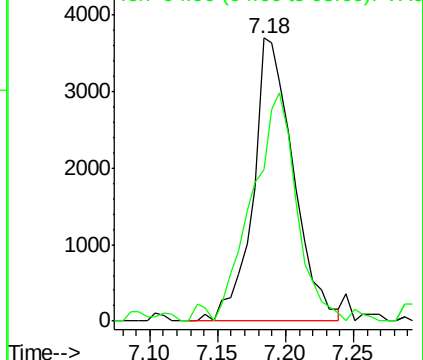
130 100

95 53.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.154 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017503.D

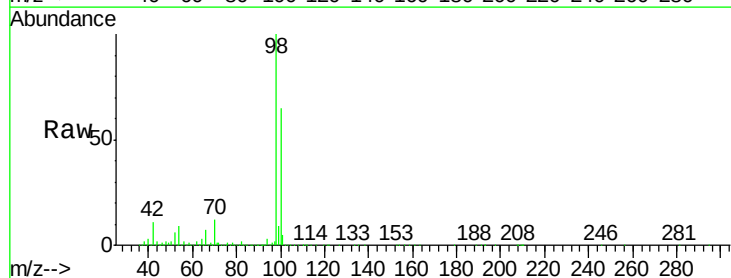
Acq: 23 Jul 2020 19:24

Tgt Ion: 98 Resp: 881649

Ion Ratio Lower Upper

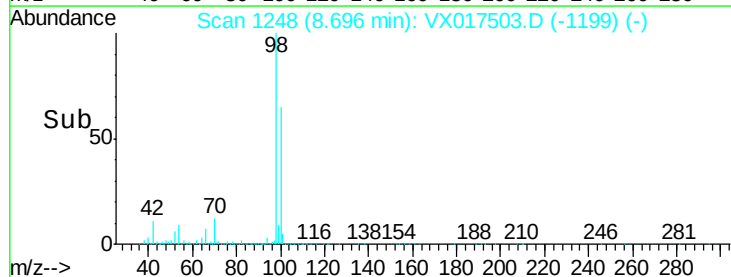
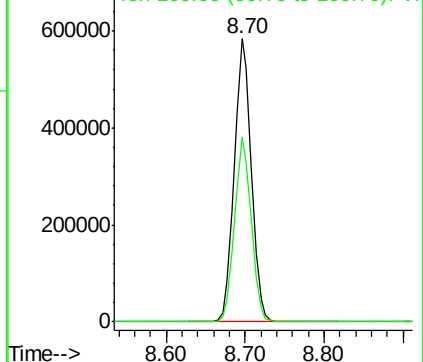
98 100

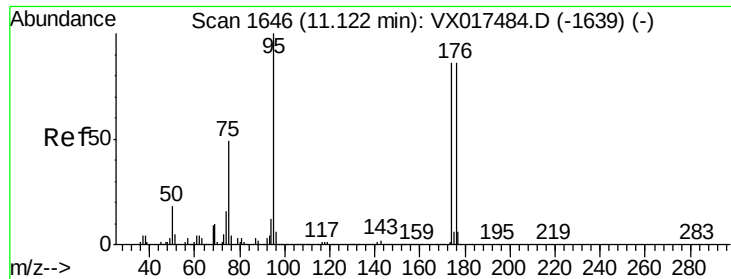
100 63.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.673 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

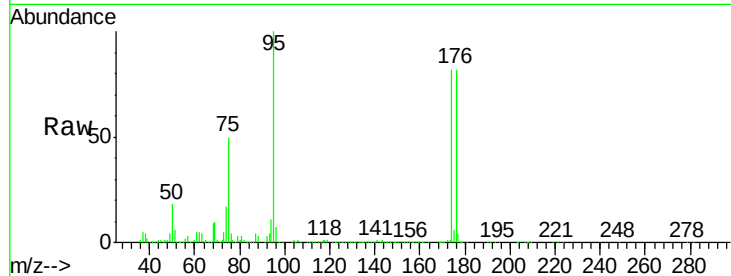
Tot Ion: 95 Resp: 422584

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

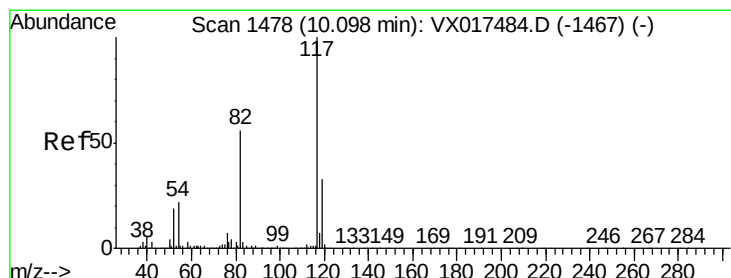
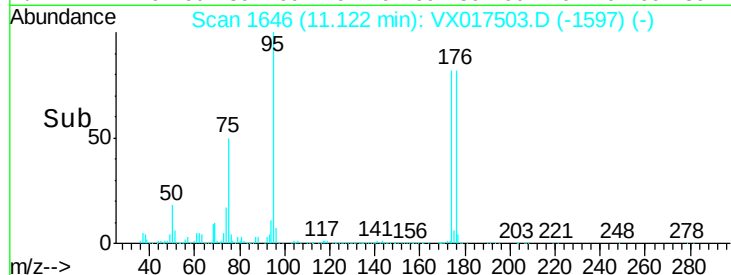
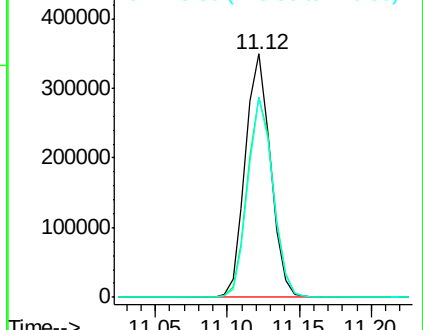
176 81.5 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

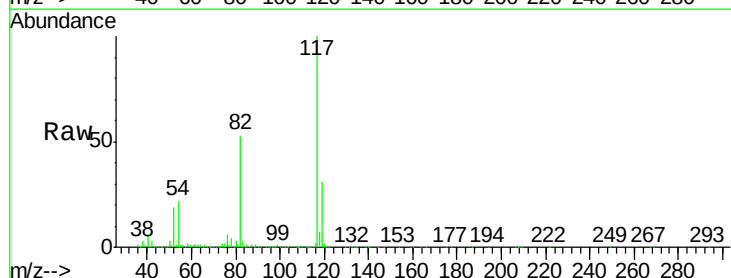
Tgt Ion: 117 Resp: 754538

Ion Ratio Lower Upper

117 100

82 52.8 44.0 66.0

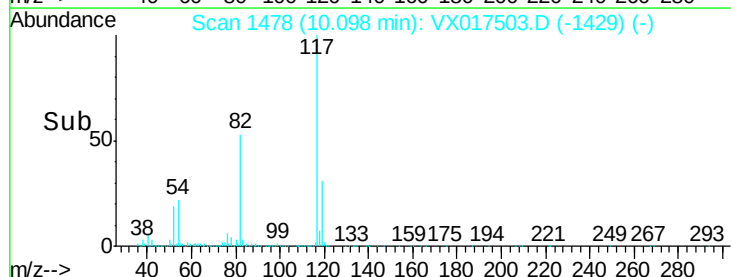
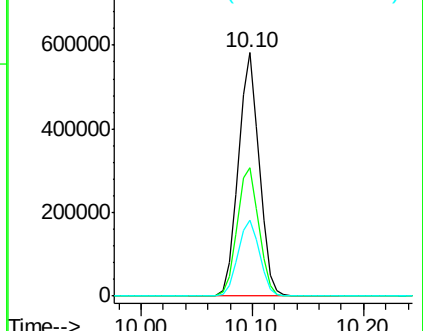
119 31.4 25.4 38.0

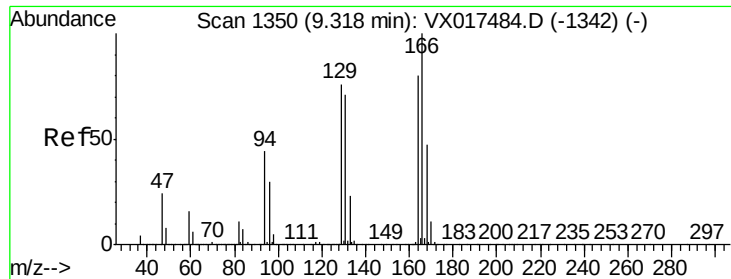


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.647 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

Tot Ion:164 Resp: 4381

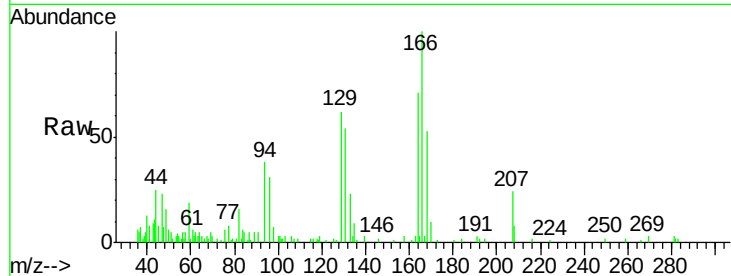
Ion Ratio Lower Upper

164 100

166 139.9 100.6 150.8

129 86.7 75.0 112.6

131 75.7 75.2 112.8



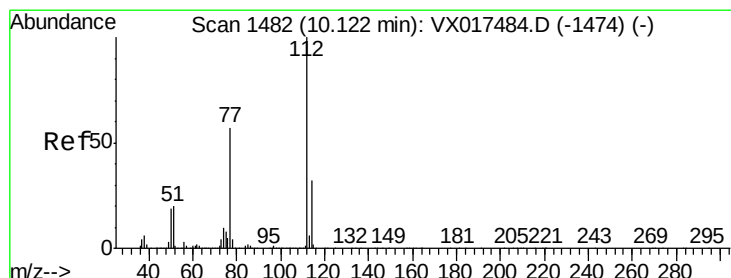
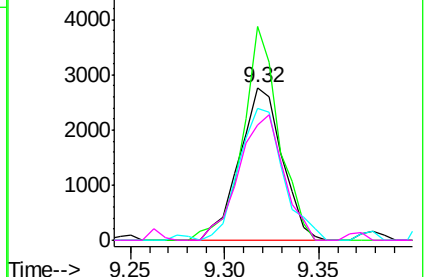
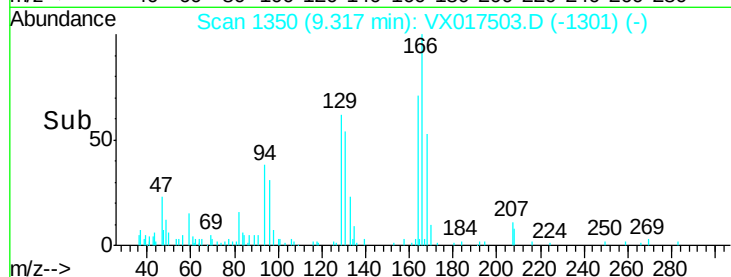
Abundance Ion 163.80 (163.50 to 164.50): V

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-->



#65

Chlorobenzene

Concen: 0.981 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017503.D

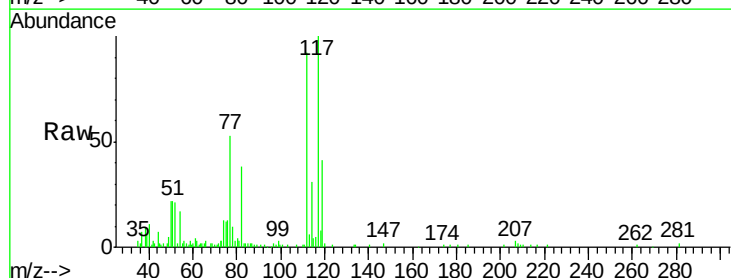
Acq: 23 Jul 2020 19:24

Tgt Ion:112 Resp: 16023

Ion Ratio Lower Upper

112 100

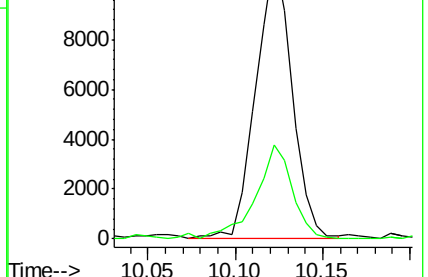
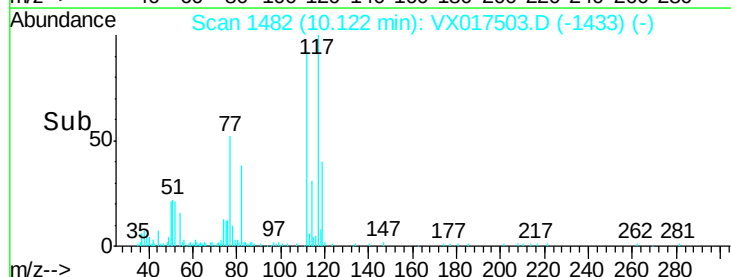
114 33.4 25.7 38.5

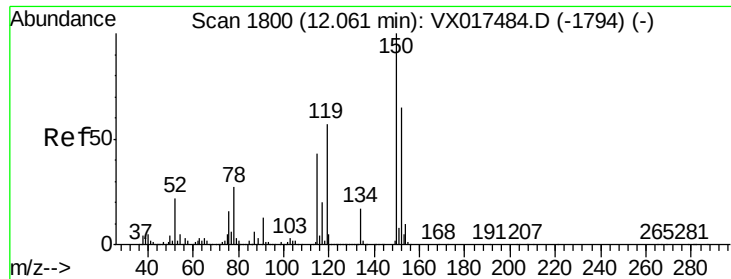


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

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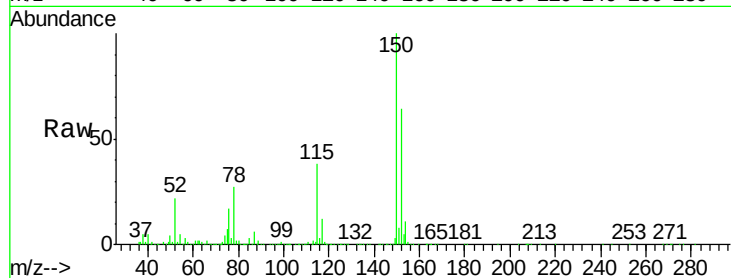
Tot Ion:152 Resp: 418014

Ion Ratio Lower Upper

152 100

115 57.5 65.5 196.6#

150 153.7 0.0 412.6



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

