

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015941.D
 Acq On : 24 Apr 2020 19:21
 Operator : JC/SP
 Sample : L2414-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW079-200422

Quant Time: Apr 25 07:41:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

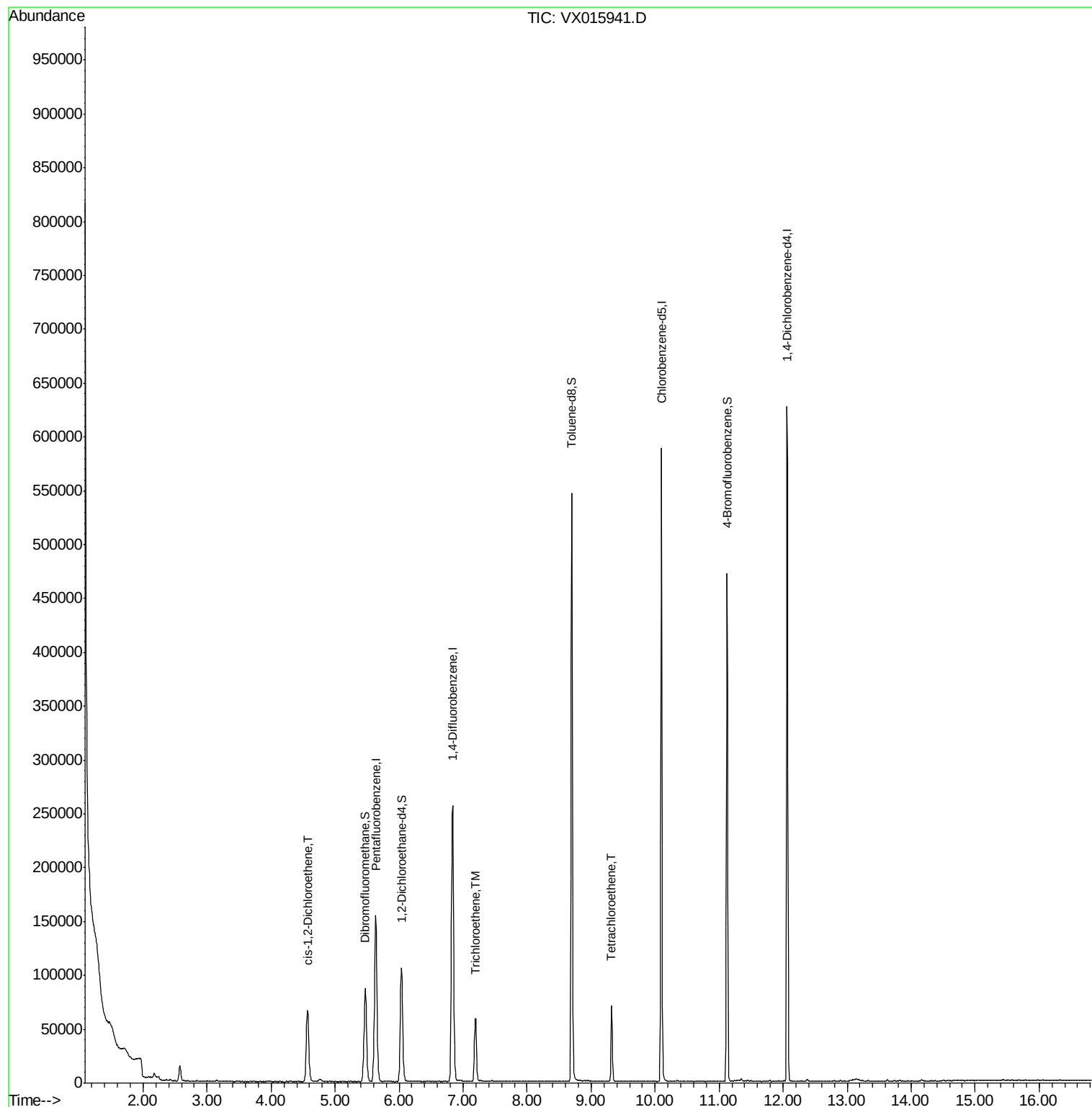
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	136907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	261468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	254404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	120565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	100644	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	5.47	113	77667	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
50) Toluene-d8	8.70	98	326854	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
62) 4-Bromofluorobenzene	11.12	95	135232	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	42766	21.768	ug/l	90
44) Trichloroethene	7.20	130	22390	9.960	ug/l	97
64) Tetrachloroethene	9.32	164	13285	5.248	ug/l	95

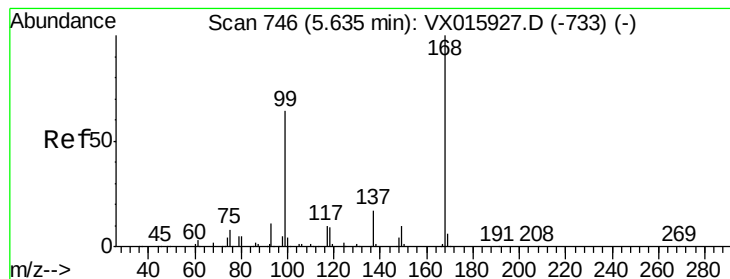
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

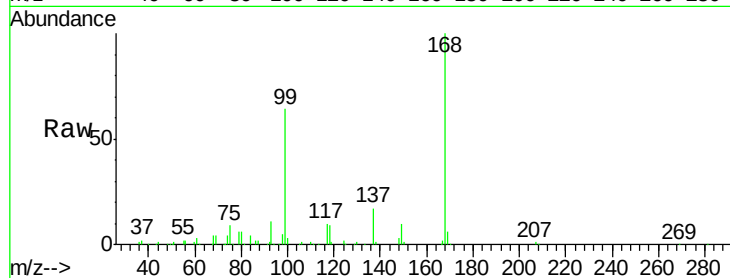
ST006MW079-200422

Tot Ion:168 Resp: 136907

Ion Ratio Lower Upper

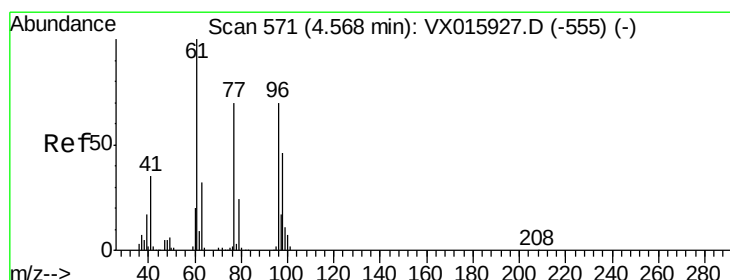
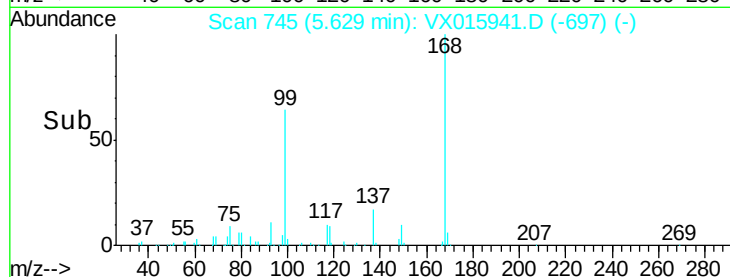
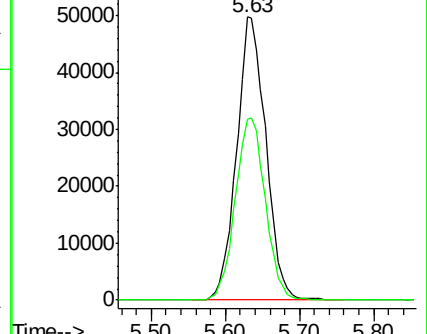
168 100

99 64.0 51.2 76.8



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: 21.768 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

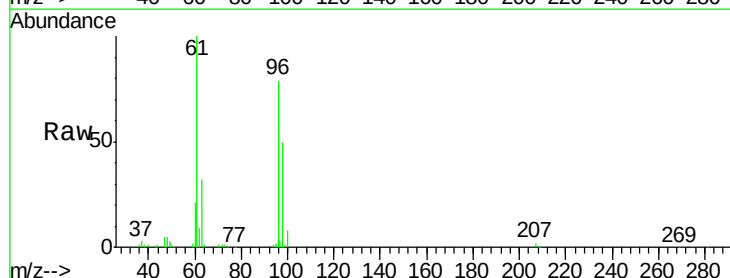
Tgt Ion: 96 Resp: 42766

Ion Ratio Lower Upper

96 100

61 128.9 0.0 293.4

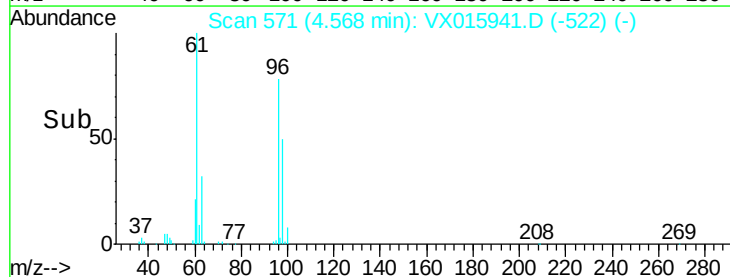
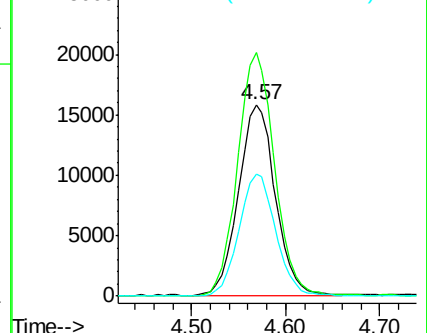
98 64.3 0.0 129.0

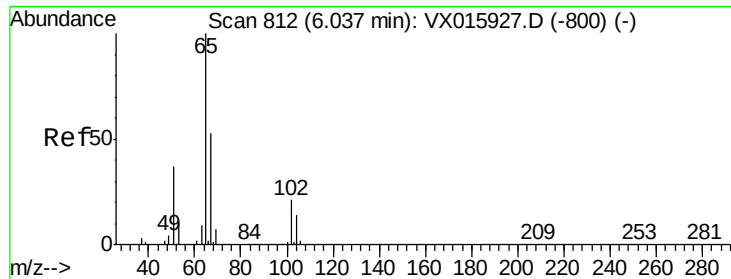


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

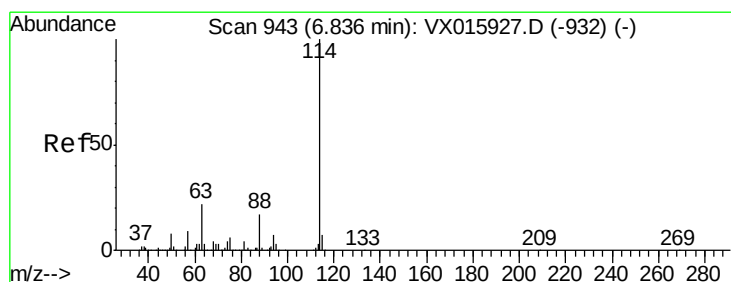
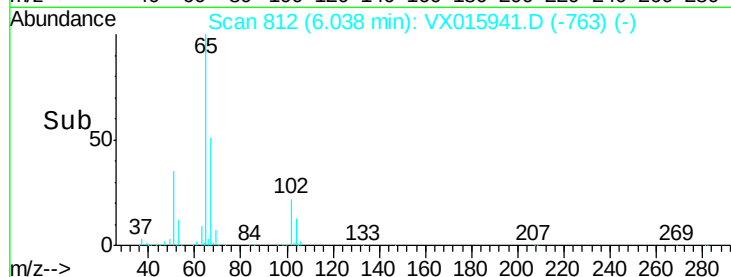
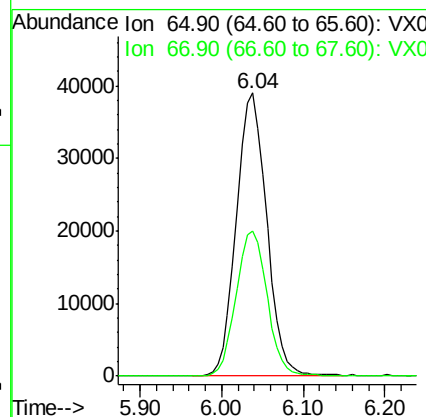
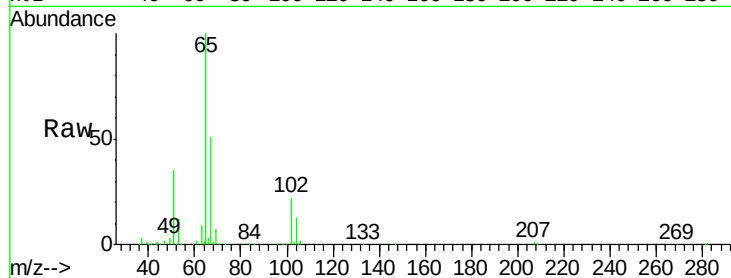




#33
 1,2-Dichloroethane-d4
 Concen: 52.062 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015941.D
 Acq: 24 Apr 2020 19:21

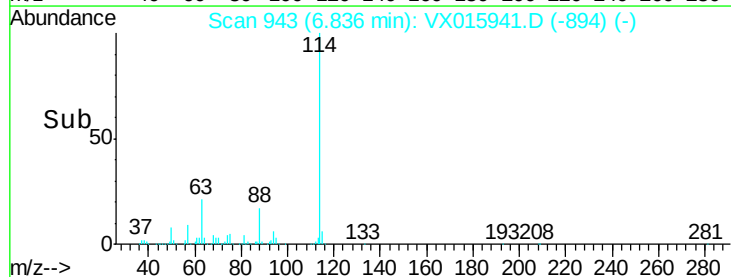
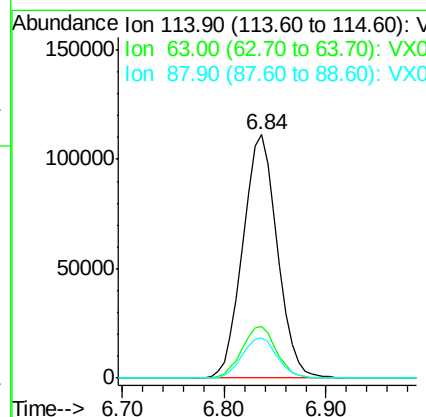
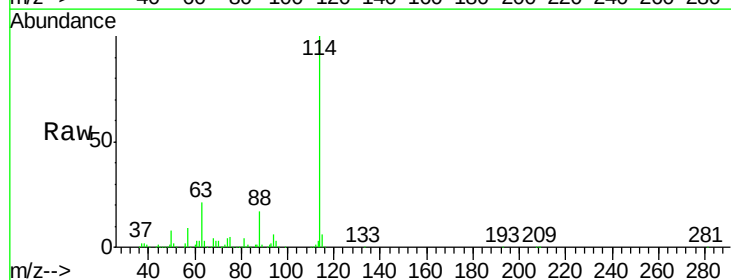
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW079-200422

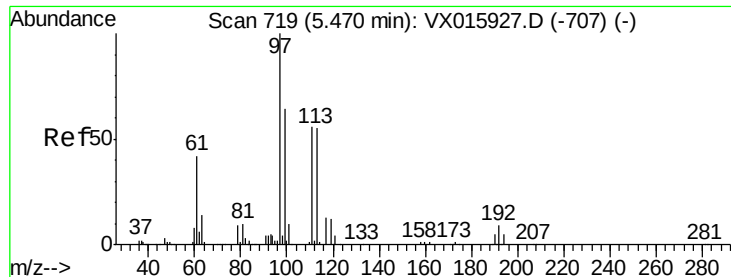
Tot Ion: 65 Resp: 100644
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015941.D
 Acq: 24 Apr 2020 19:21

Tgt Ion: 114 Resp: 261468
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.4
 88 16.6 0.0 34.2

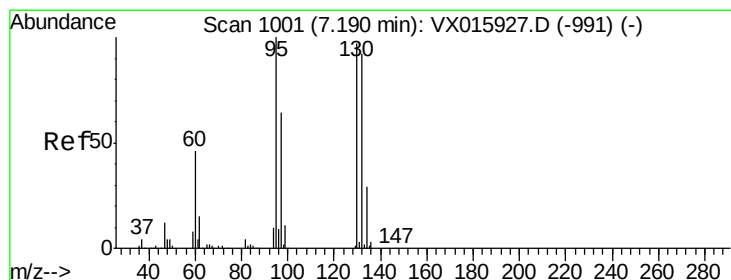
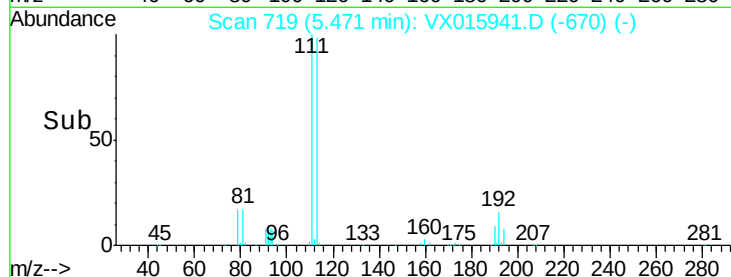
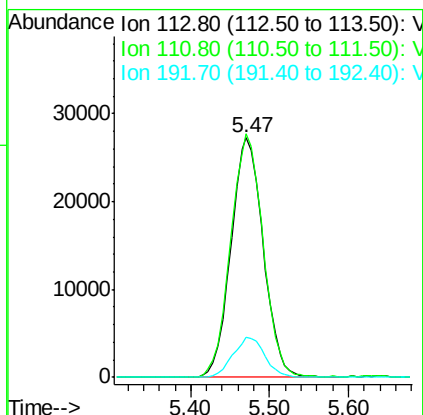
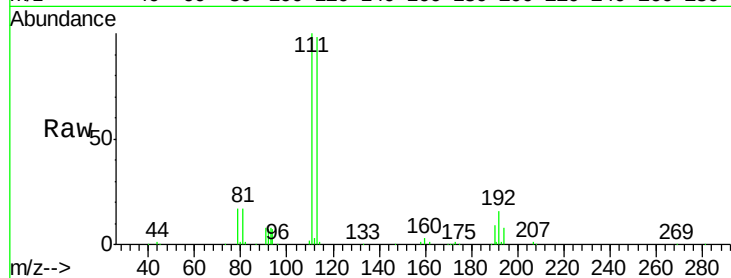




#35
 Dibromofluoromethane
 Concen: 54.464 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015941.D
 Acq: 24 Apr 2020 19:21

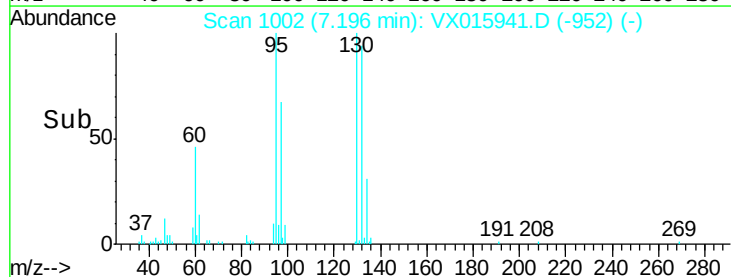
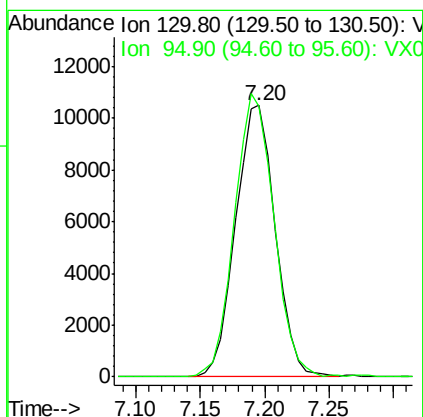
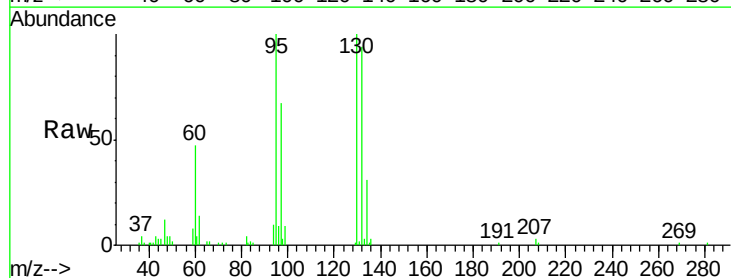
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW079-200422

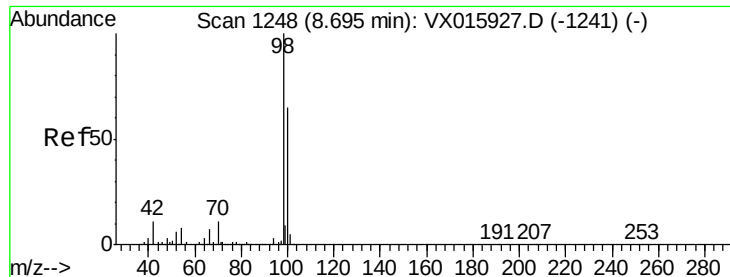
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	16.6	13.6	20.4



#44
 Trichloroethene
 Concen: 9.960 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX015941.D
 Acq: 24 Apr 2020 19:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	205.2





#50

Toluene-d8

Concen: 54.139 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

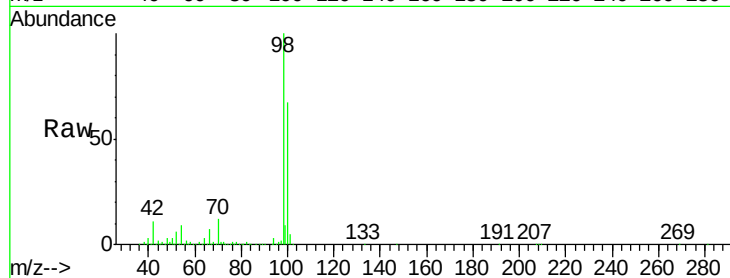
ST006MW079-200422

Tot Ion: 98 Resp: 326854

Ion Ratio Lower Upper

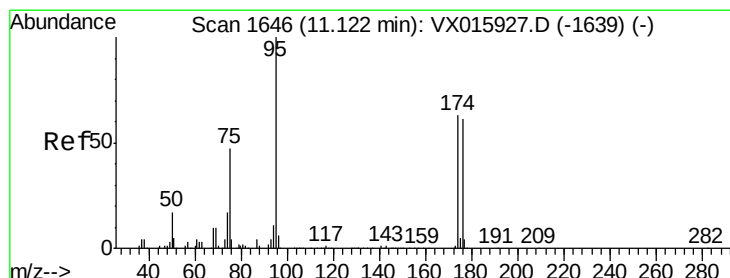
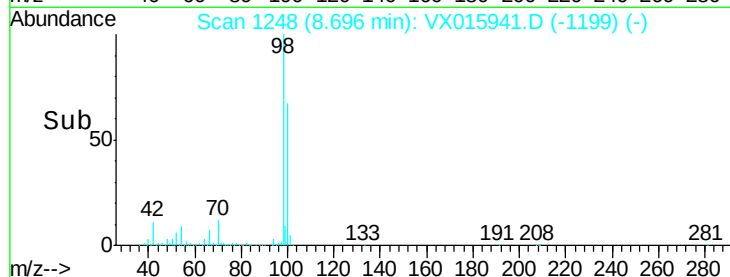
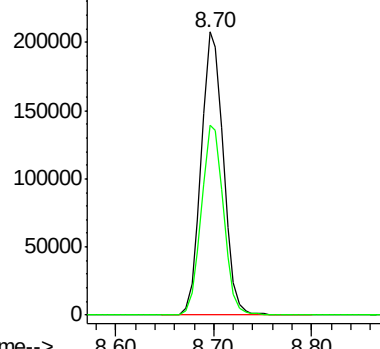
98 100

100 67.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.225 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

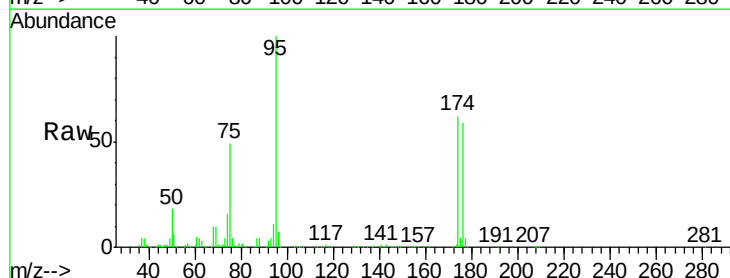
Tgt Ion: 95 Resp: 135232

Ion Ratio Lower Upper

95 100

174 64.0 0.0 133.6

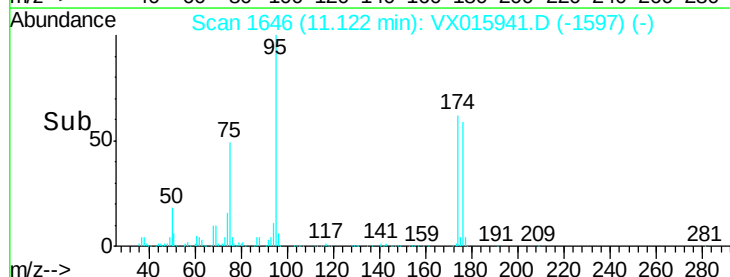
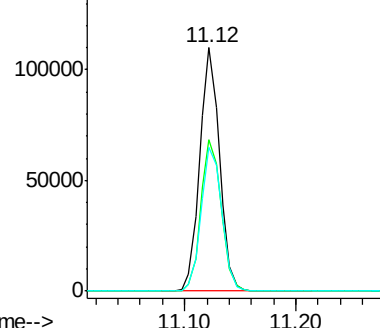
176 61.4 0.0 126.0

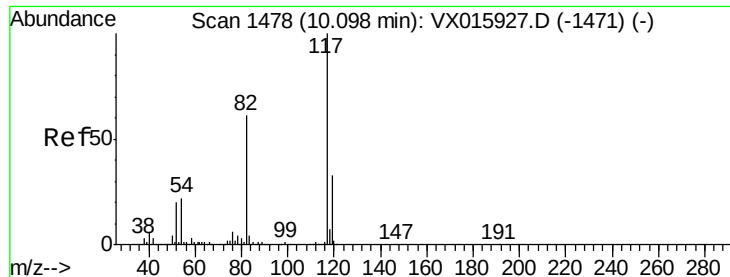


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1478

Delta R.T. 0.00 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

ST006MW079-200422

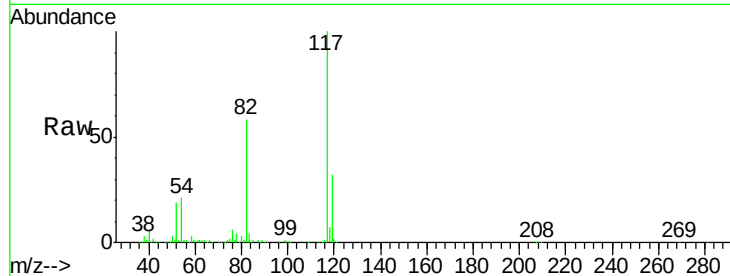
Tot Ion:117 Resp: 254404

Ion Ratio Lower Upper

117 100

82 58.0 48.5 72.7

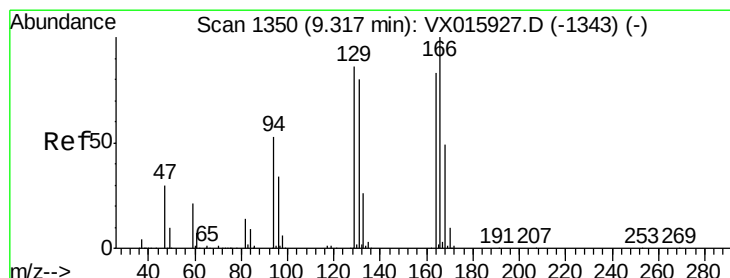
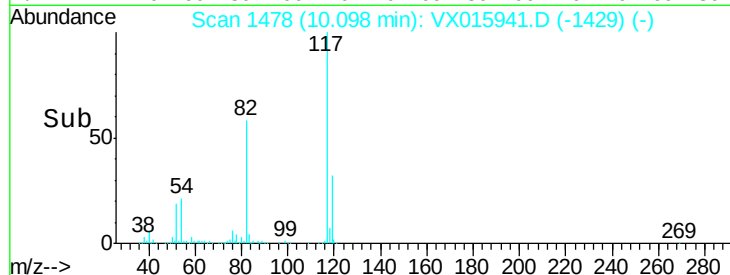
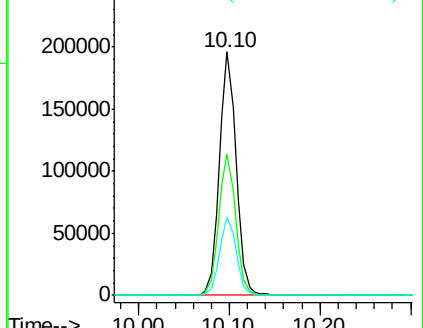
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.248 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

Tgt Ion:164 Resp: 13285

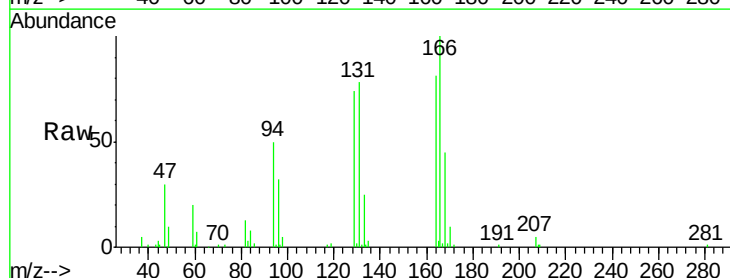
Ion Ratio Lower Upper

164 100

166 123.1 96.7 145.1

129 91.3 82.8 124.2

131 96.3 77.0 115.4

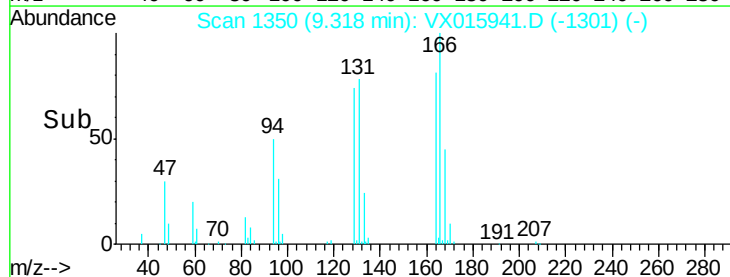
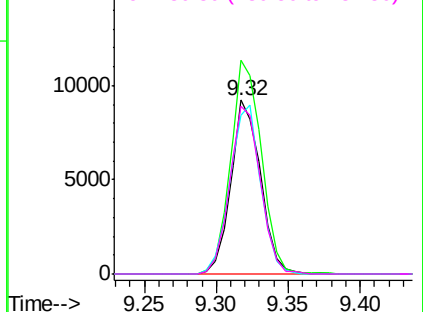


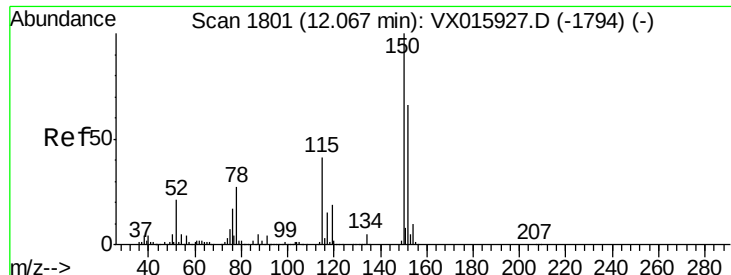
Abundance Ion 163.80 (163.50 to 164.50): V

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# 1800

Delta R.T. -0.01 min

Lab File: VX015941.D

Acq: 24 Apr 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

ST006MW079-200422

Tot Ion:152 Resp: 120565

Ion Ratio Lower Upper

152 100

115 64.7 44.1 132.4

150 156.8 0.0 343.6

