

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009045.D
 Acq On : 18 Apr 2019 15:45
 Operator : JC/SP
 Sample : K2449-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-190416

Quant Time: Apr 19 09:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

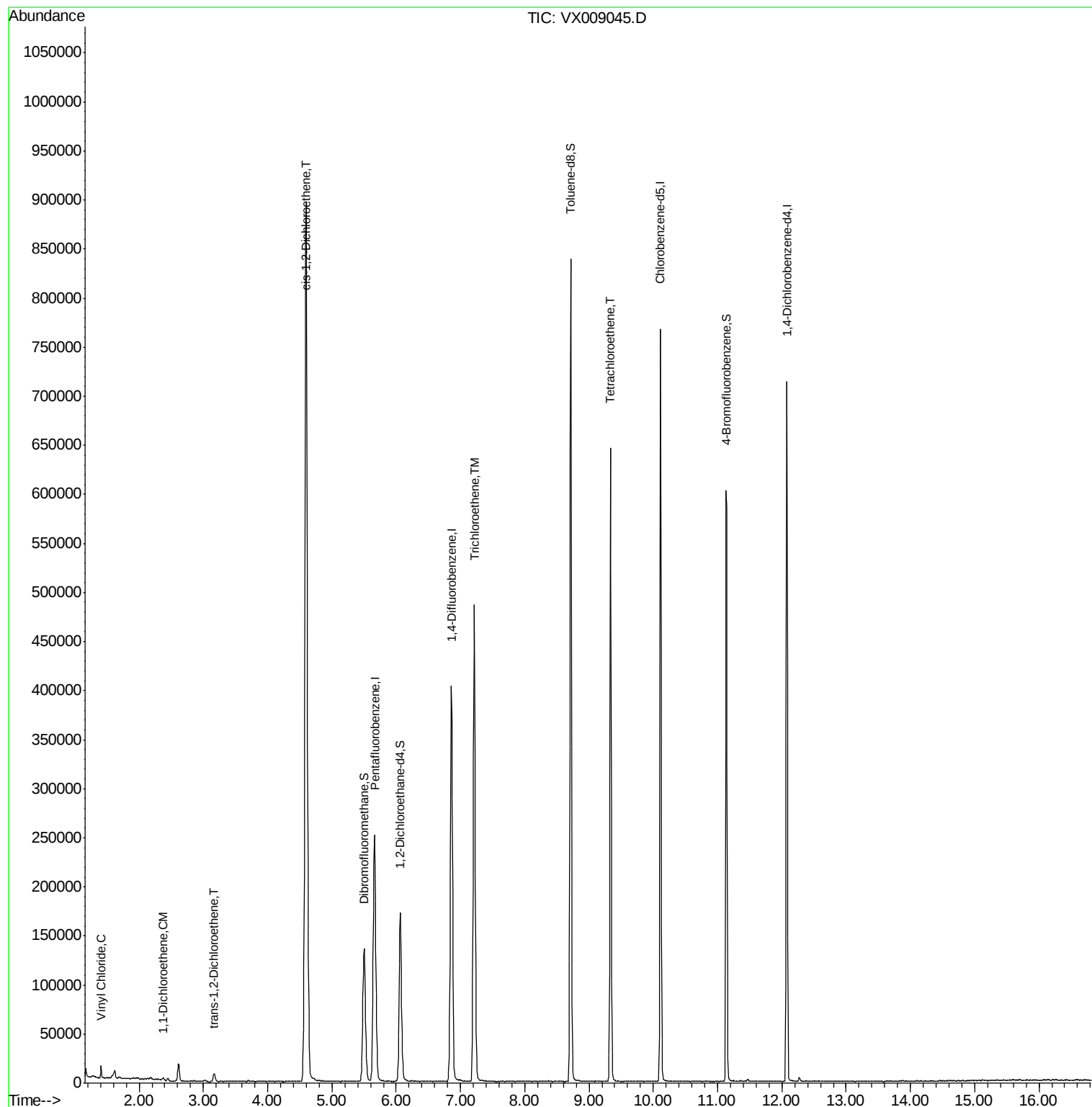
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	162475	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	5.50	113	118137	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	8.71	98	488193	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	162426	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	9164	2.740	ug/l	98
12) 1,1-Dichloroethene	2.37	96	1105	0.424	ug/l	81
21) trans-1,2-Dichloroethene	3.17	96	3237	1.165	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	550736	174.504	ug/l	90
44) Trichloroethene	7.21	130	182799	62.021	ug/l	98
64) Tetrachloroethene	9.34	164	127142	49.130	ug/l	97

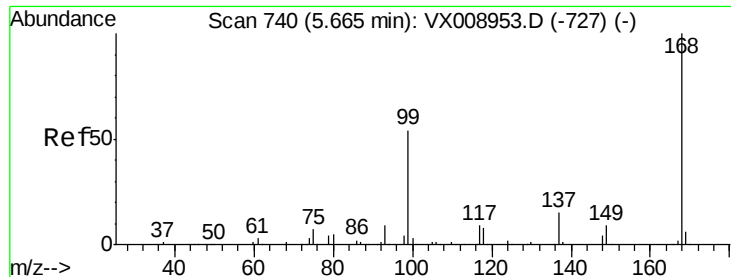
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

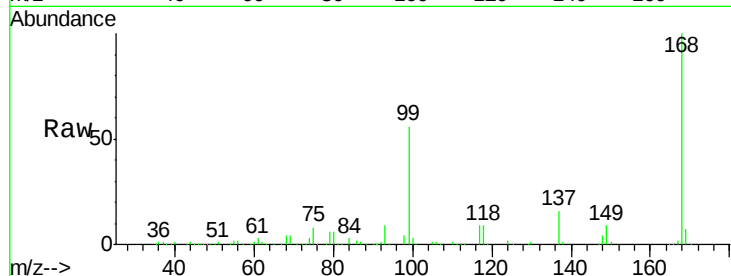
ST008MW146-190416

Tot Ion:168 Resp: 243020

Ion Ratio Lower Upper

168 100

99 55.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

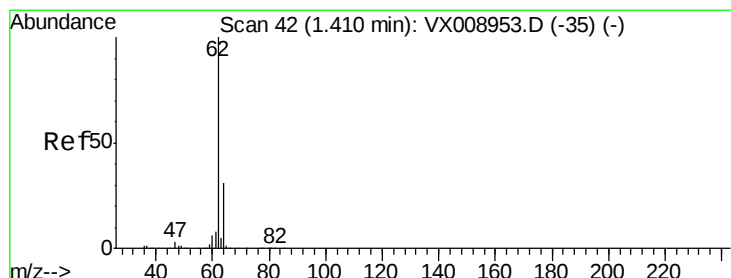
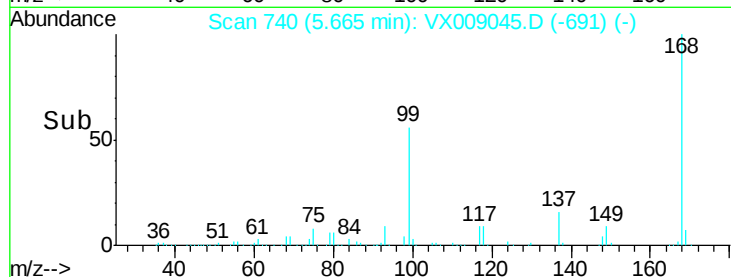
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.740 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009045.D

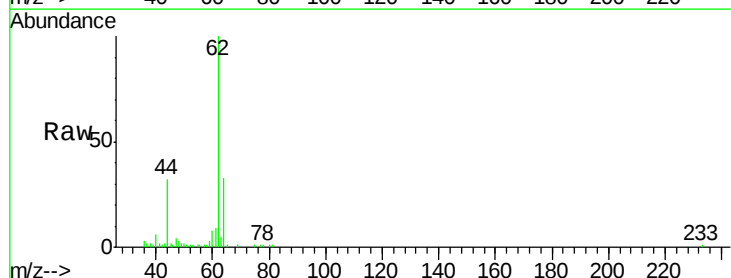
Acq: 18 Apr 2019 15:45

Tgt Ion: 62 Resp: 9164

Ion Ratio Lower Upper

62 100

64 32.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

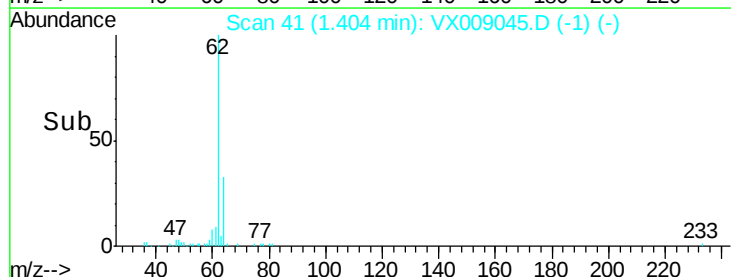
6000

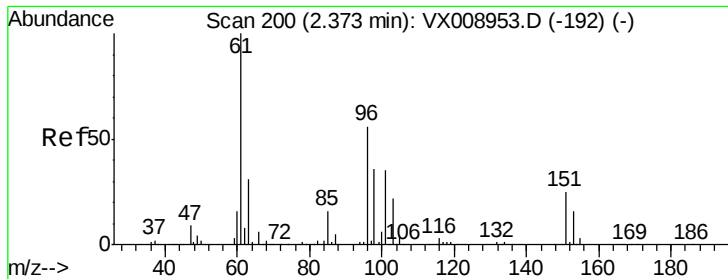
4000

2000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 0.424 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-190416

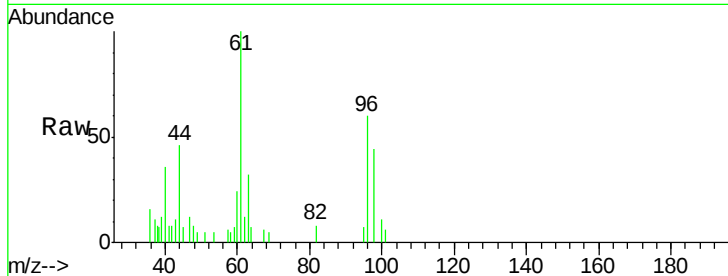
Tot Ion: 96 Resp: 1105

Ion Ratio Lower Upper

96 100

61 148.3 142.2 213.2

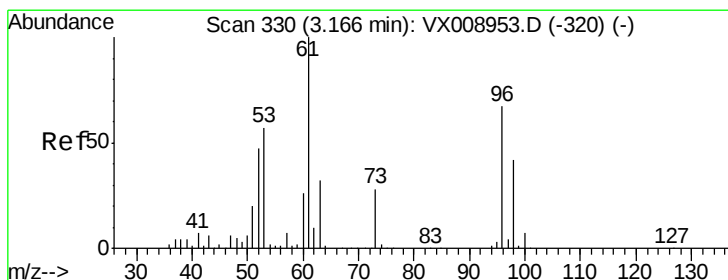
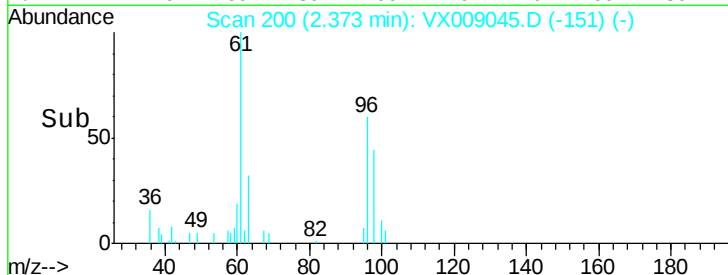
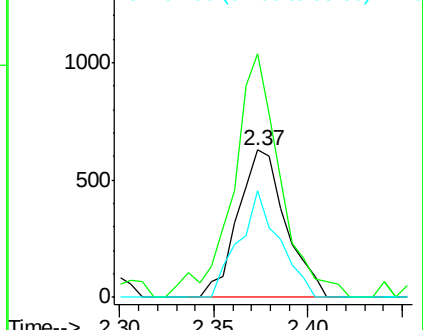
98 72.9 50.9 76.3



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



#21

trans-1,2-Dichloroethene

Concen: 1.165 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

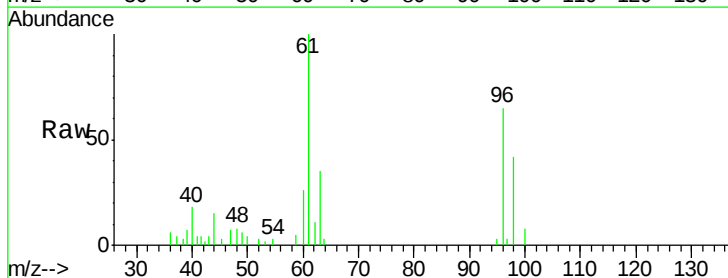
Tgt Ion: 96 Resp: 3237

Ion Ratio Lower Upper

96 100

61 151.4 120.3 180.5

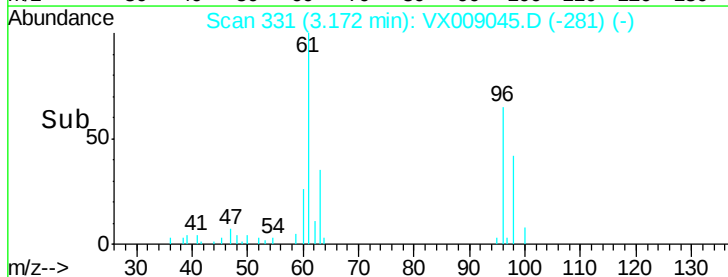
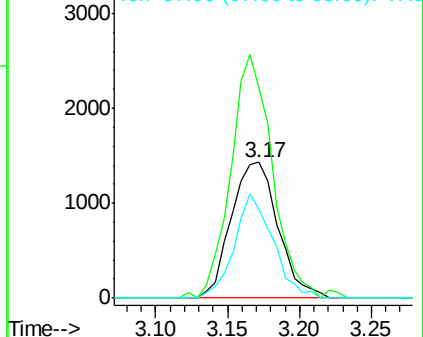
98 65.1 50.2 75.2

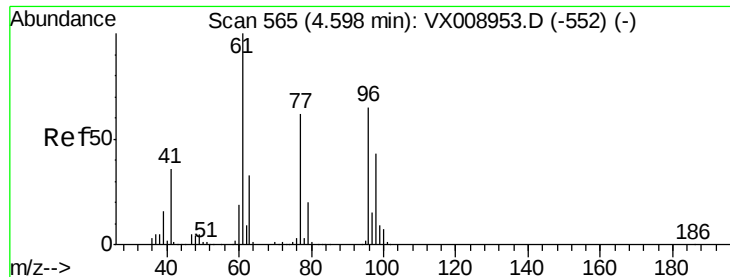


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



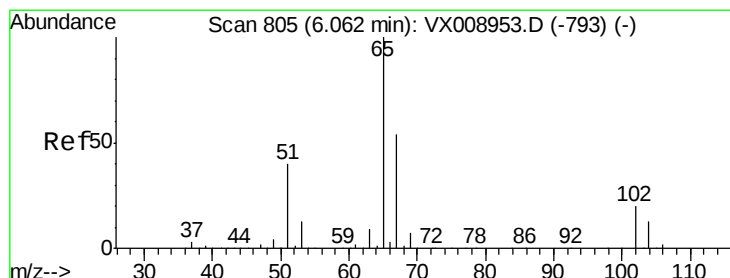
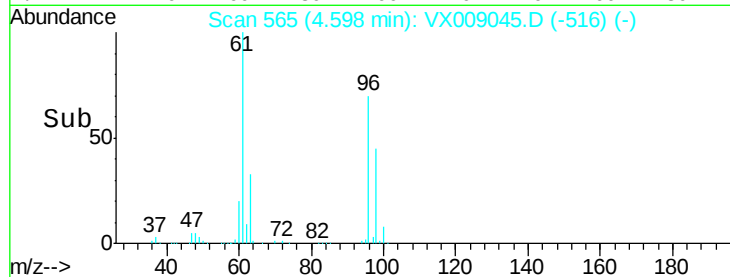
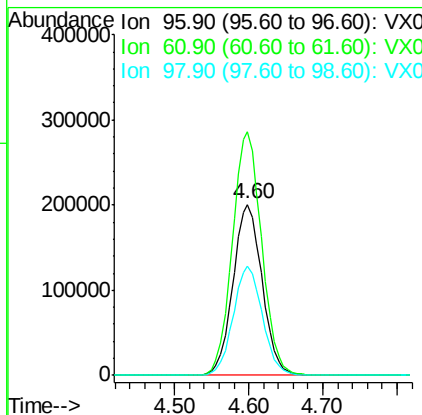
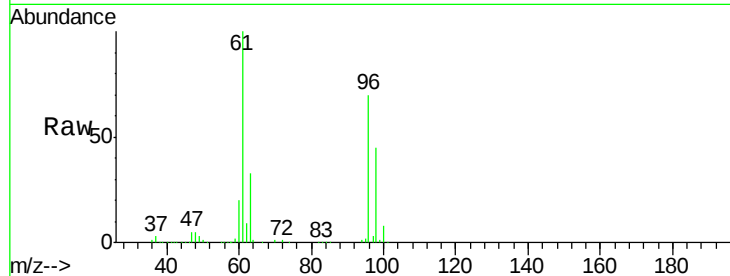


#27

cis-1,2-Dichloroethene
 Concen: 174.504 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009045.D
 Acq: 18 Apr 2019 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-190416

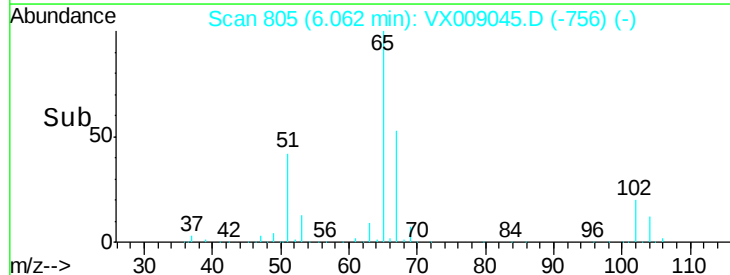
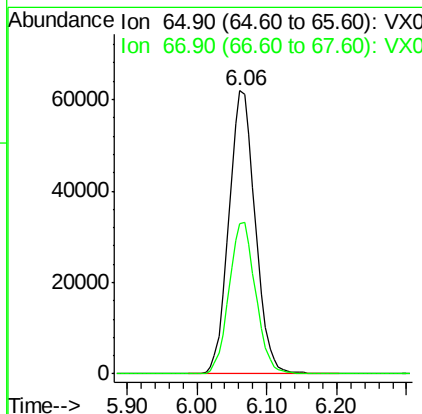
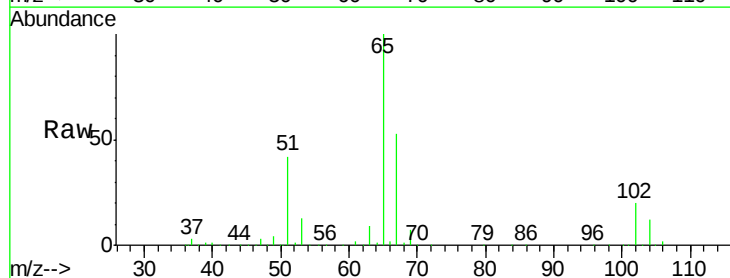
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	322.0
98	63.9	0.0	128.4

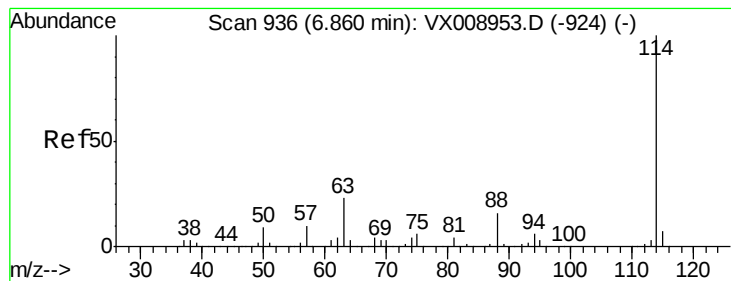


#33

1,2-Dichloroethane-d4
 Concen: 47.440 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009045.D
 Acq: 18 Apr 2019 15:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-190416

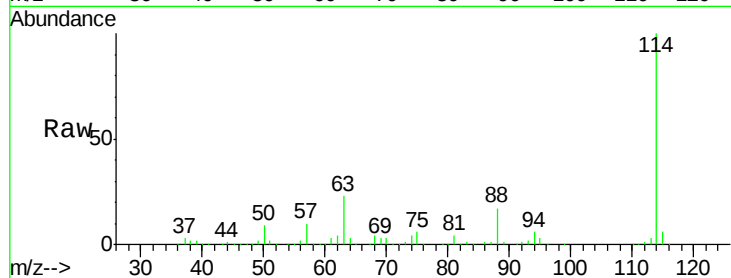
Tot Ion:114 Resp: 394270

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

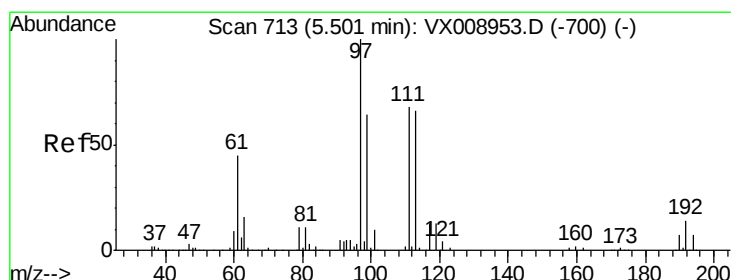
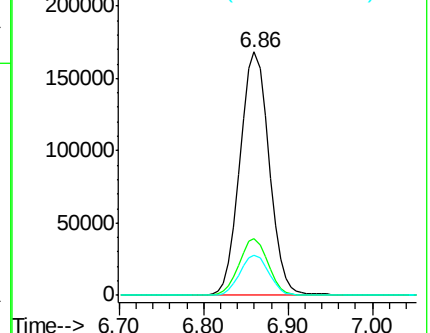
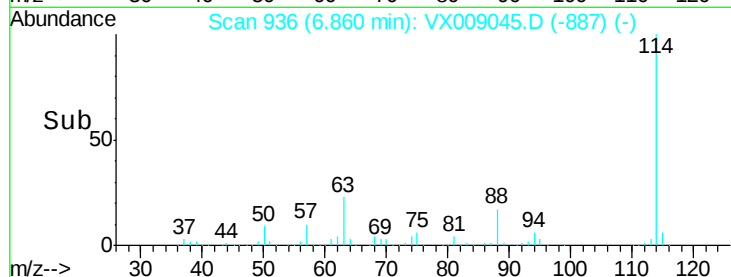
88 16.5 0.0 32.6



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: 46.688 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

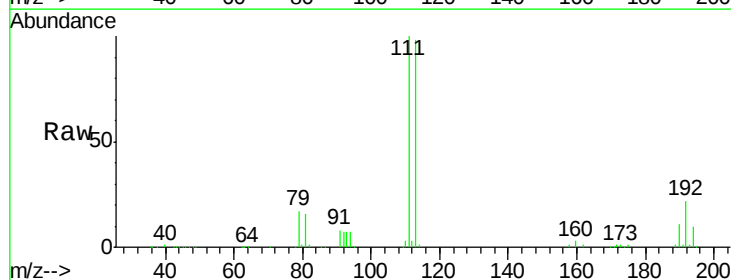
Tgt Ion:113 Resp: 118137

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

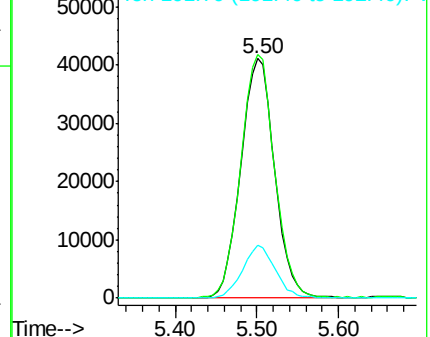
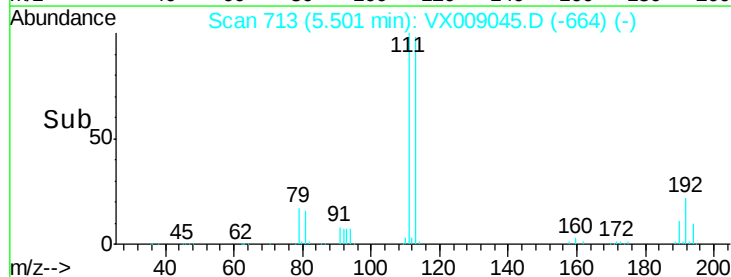
192 21.2 17.4 26.0

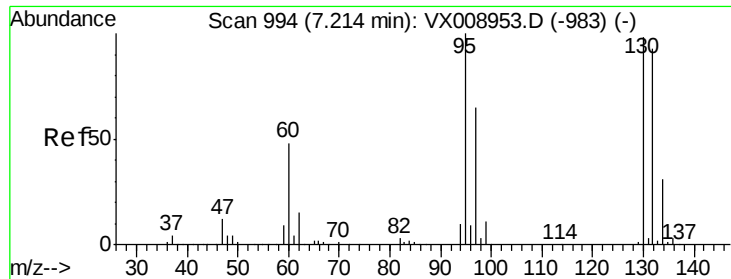


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 62.021 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

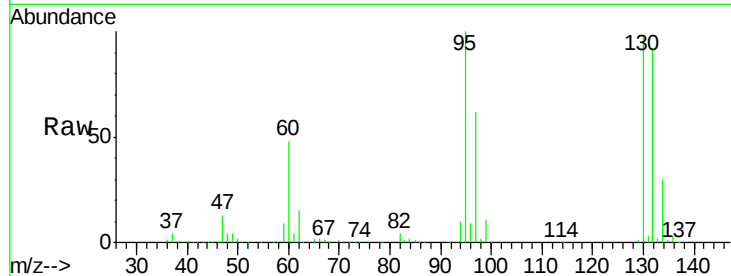
ST008MW146-190416

Tot Ion:130 Resp: 182799

Ion Ratio Lower Upper

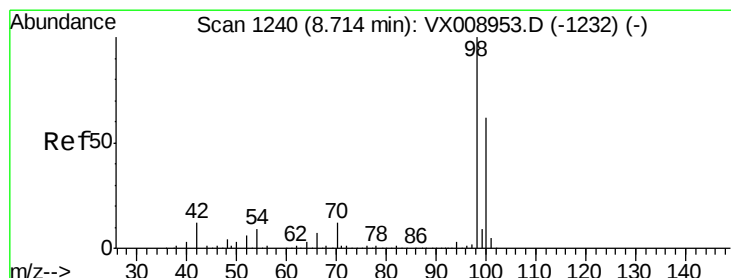
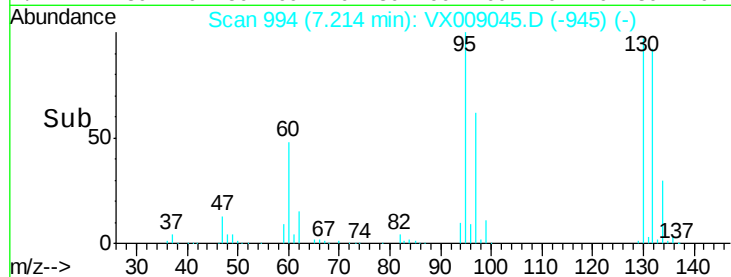
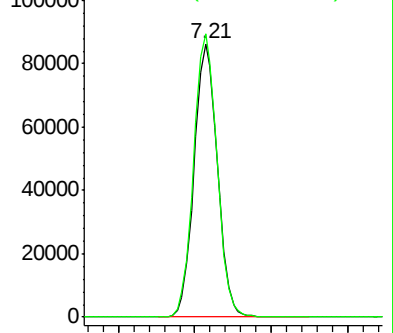
130 100

95 103.4 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.379 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009045.D

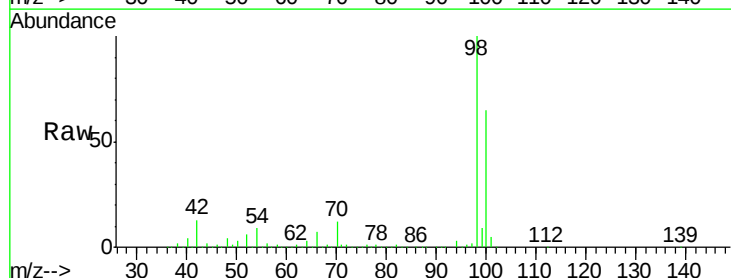
Acq: 18 Apr 2019 15:45

Tgt Ion: 98 Resp: 488193

Ion Ratio Lower Upper

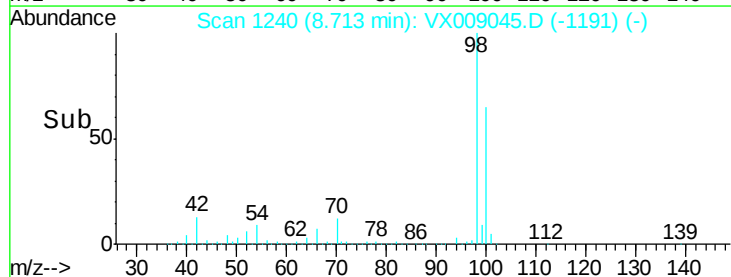
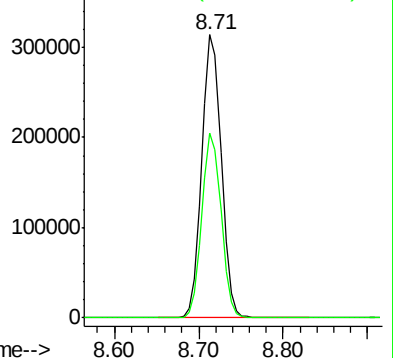
98 100

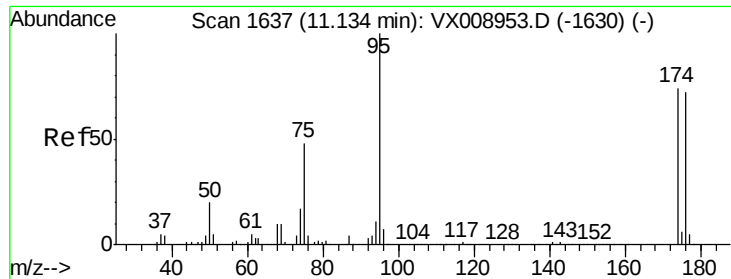
100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

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ClientSampleId :

ST008MW146-190416

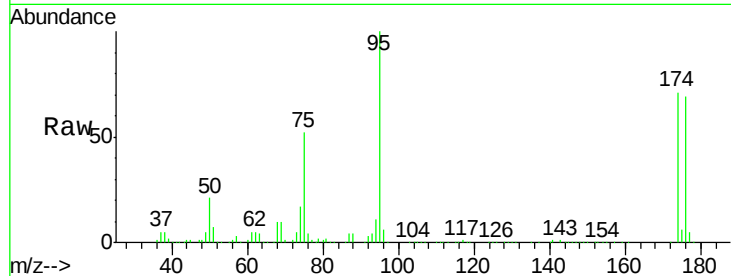
Tot Ion: 95 Resp: 162426

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.6

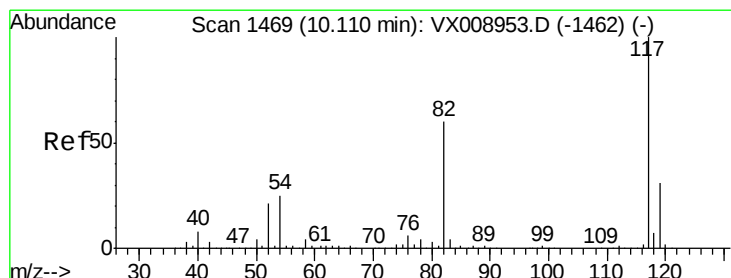
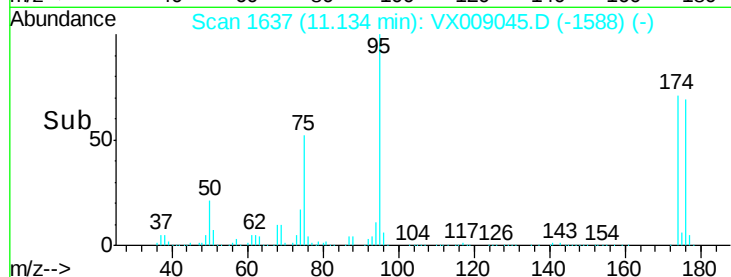
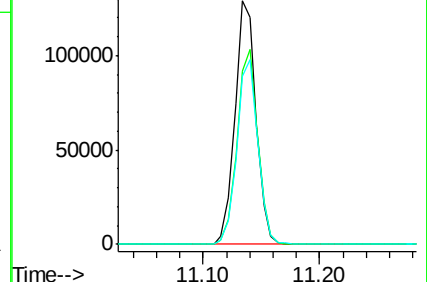
176 76.2 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009045.D

Acq: 18 Apr 2019 15:45

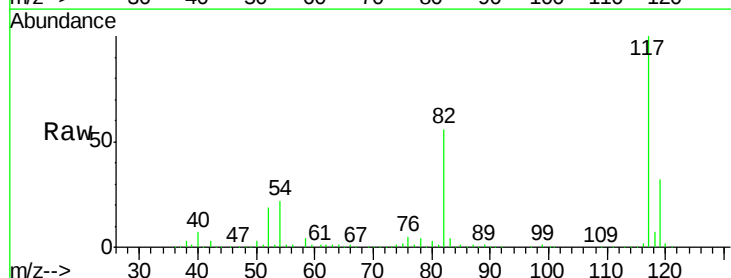
Tgt Ion: 117 Resp: 340655

Ion Ratio Lower Upper

117 100

82 56.0 48.2 72.4

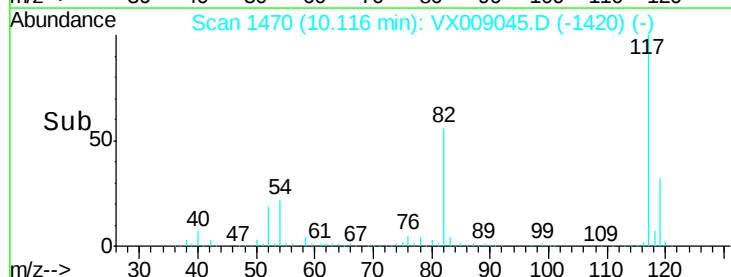
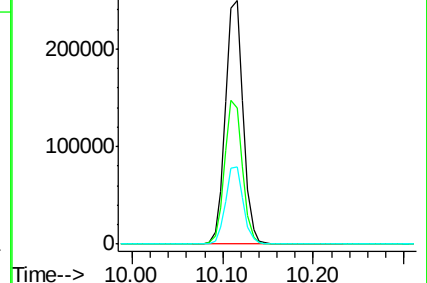
119 31.7 25.0 37.6

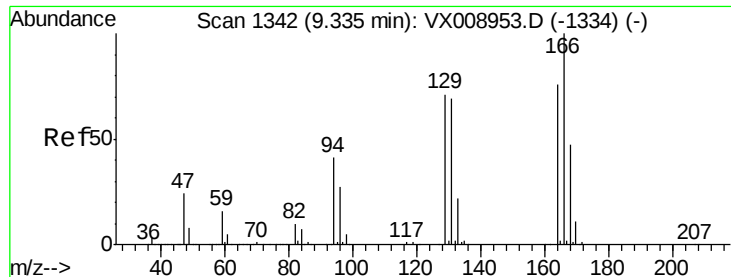


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

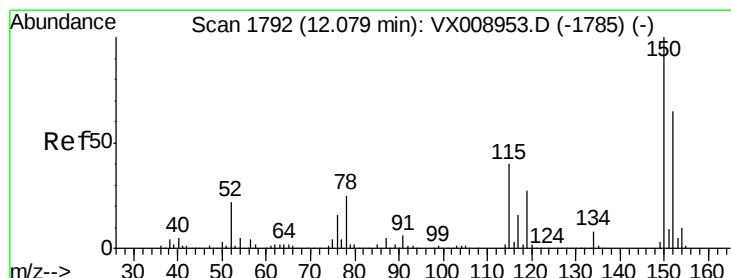
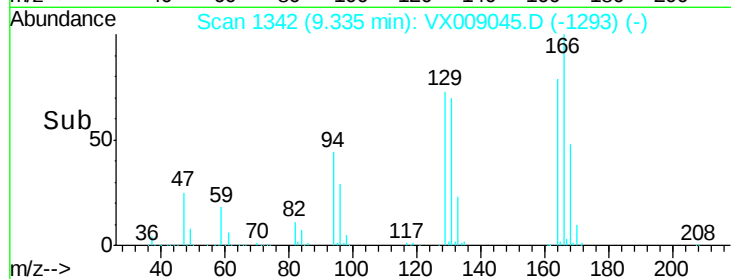
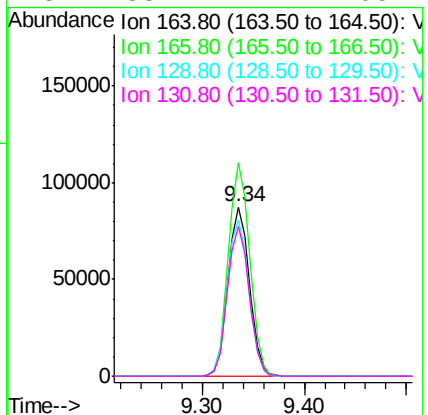
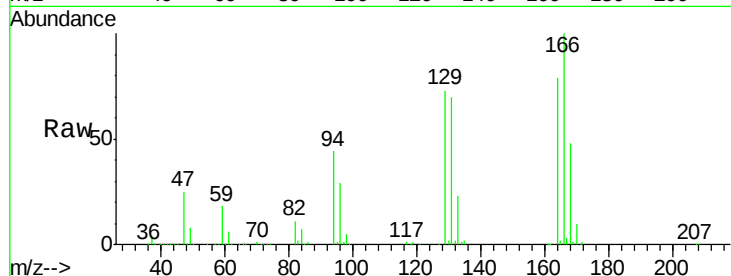




#64
Tetrachloroethene
Concen: 49.130 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009045.D
Acq: 18 Apr 2019 15:45

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	105.0	157.4
129	91.9	74.2	111.4
131	88.4	72.2	108.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009045.D
Acq: 18 Apr 2019 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.4	124.2
150	157.9	0.0	349.8

