

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009021.D
 Acq On : 17 Apr 2019 17:44
 Operator : JC/SP
 Sample : K2448-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW153-190415

Quant Time: Apr 18 03:24:31 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

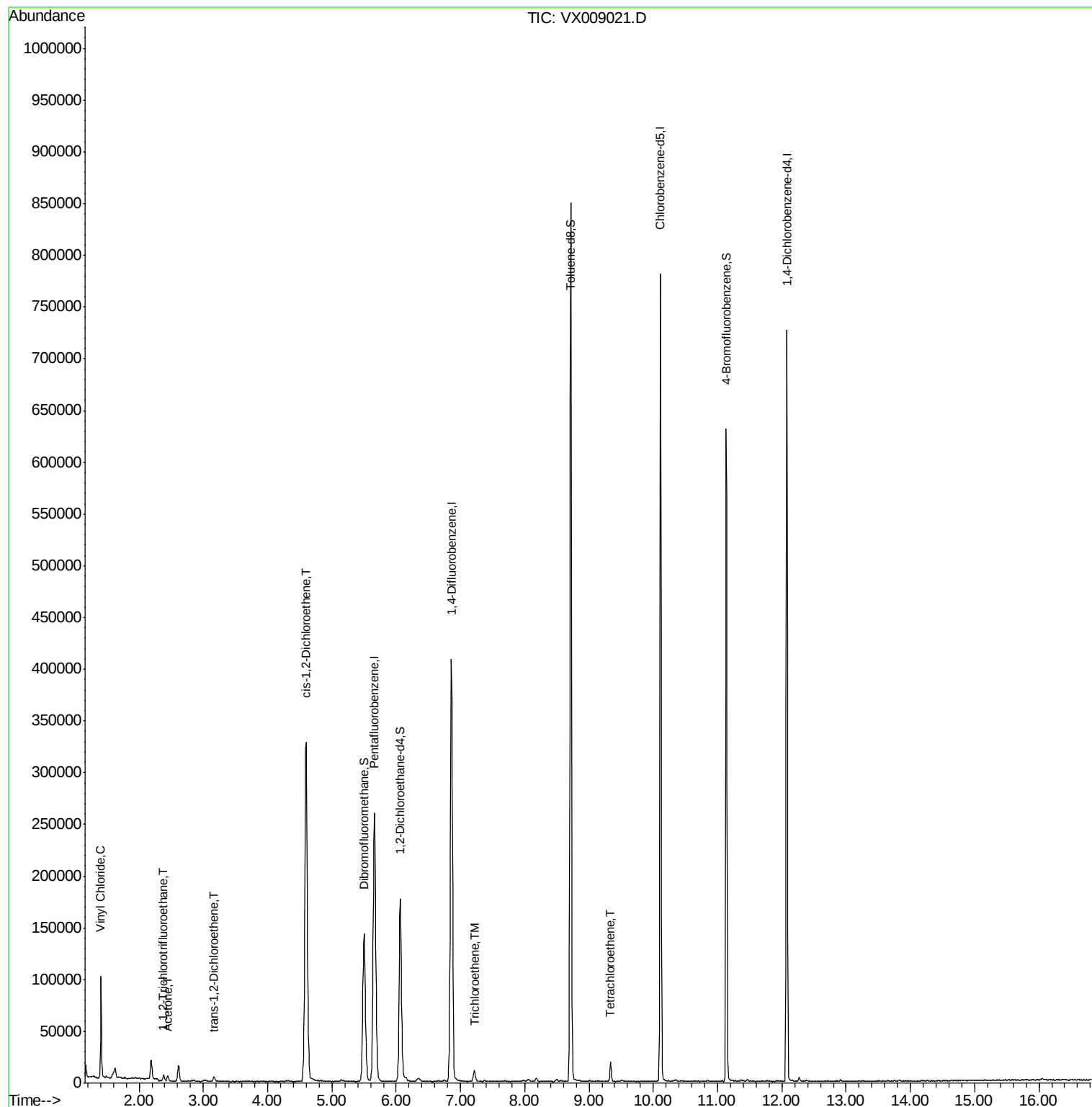
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165397	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	5.50	113	120173	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	494852	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.13	95	164120	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	69038	20.173	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1961	0.768	ug/l	90
16) Acetone	2.45	43	6192	3.407	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	1439	0.506	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	204238	63.245	ug/l	91
44) Trichloroethene	7.22	130	3799	1.260	ug/l	88
64) Tetrachloroethene	9.34	164	3668	1.405	ug/l	87

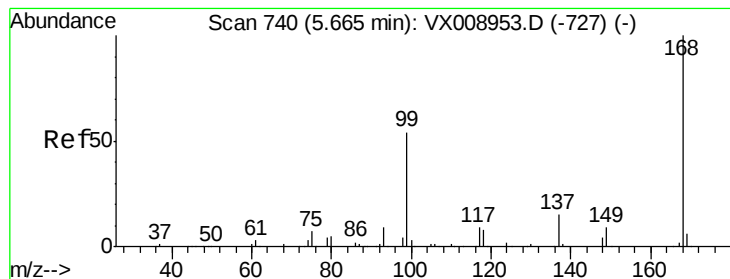
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009021.D

Acq: 17 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

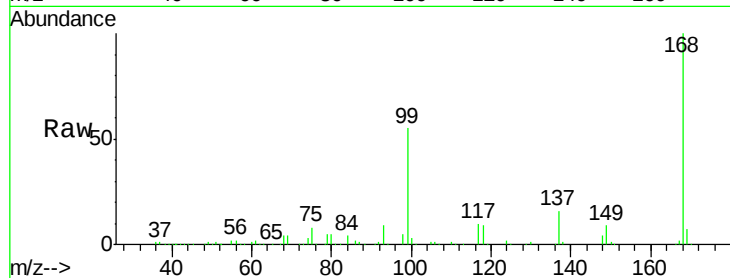
ST006RW153-190415

Tot Ion:168 Resp: 248664

Ion Ratio Lower Upper

168 100

99 54.8 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

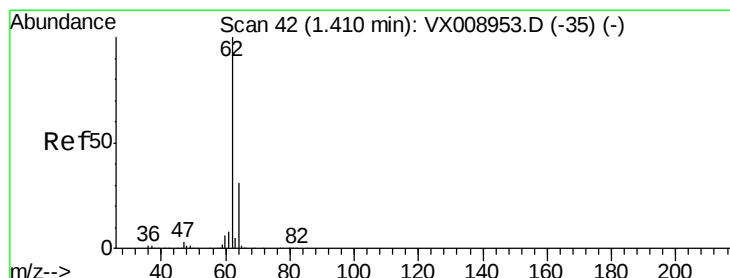
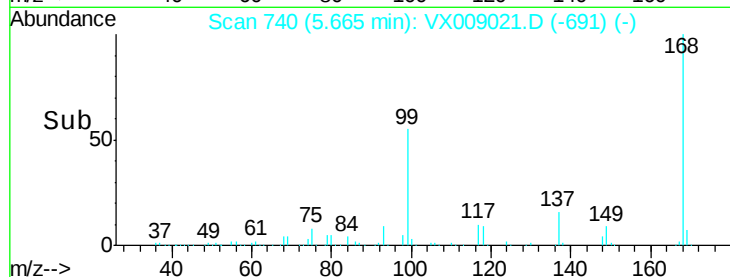
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 20.173 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009021.D

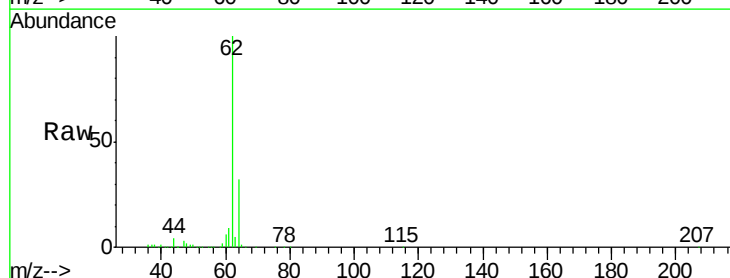
Acq: 17 Apr 2019 17:44

Tgt Ion: 62 Resp: 69038

Ion Ratio Lower Upper

62 100

64 31.9 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

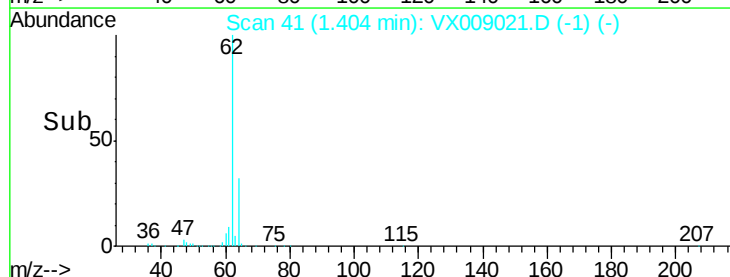
60000

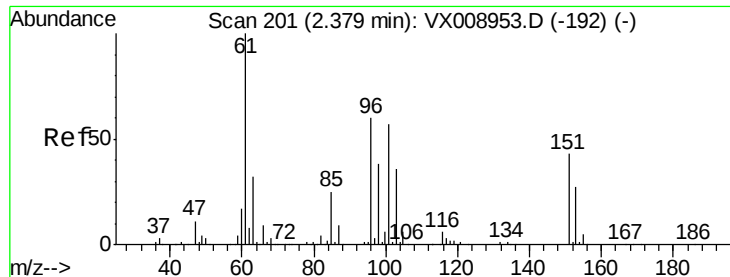
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.768 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

ST006RW153-190415

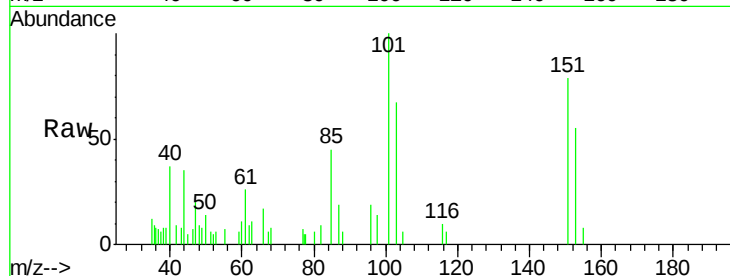
Tot Ion:101 Resp: 1961

Ion Ratio Lower Upper

101 100

85 47.8 35.7 53.5

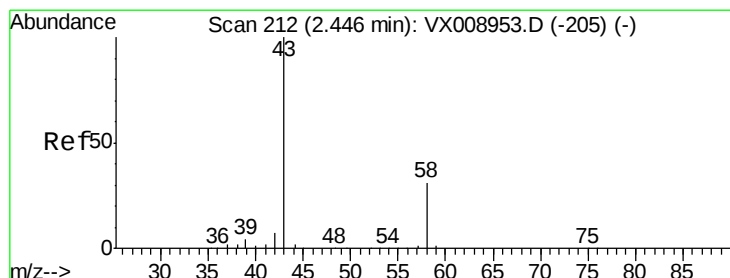
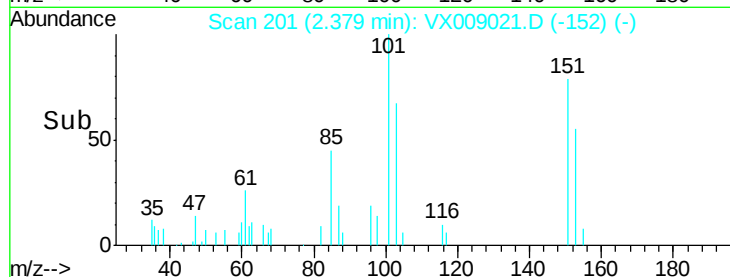
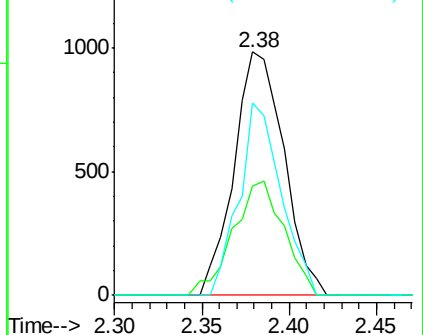
151 66.6 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: 3.407 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009021.D

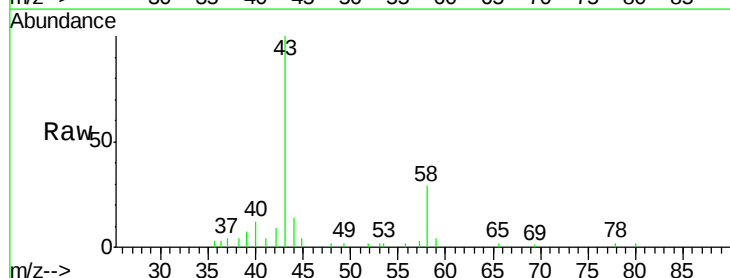
Acq: 17 Apr 2019 17:44

Tgt Ion: 43 Resp: 6192

Ion Ratio Lower Upper

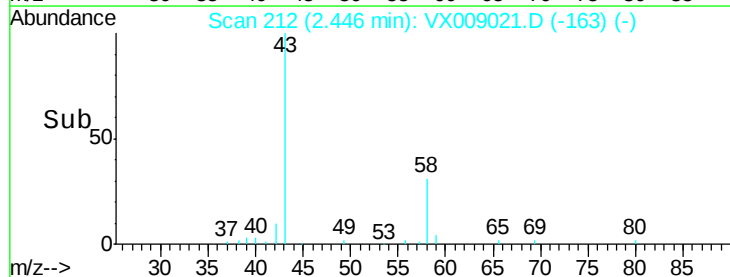
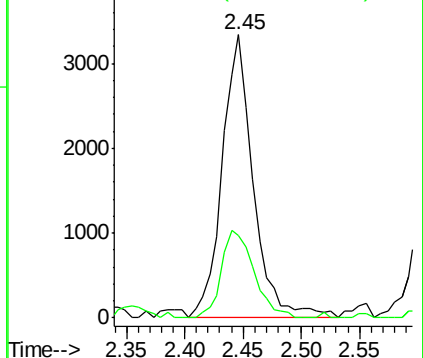
43 100

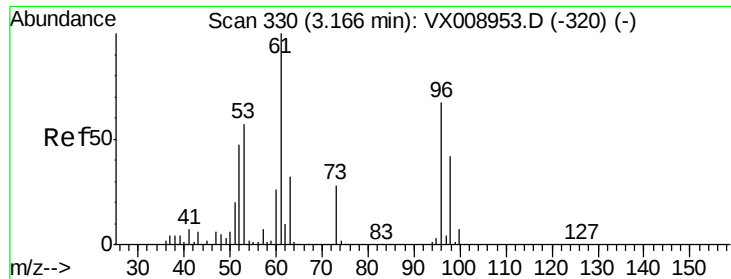
58 29.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.506 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

ST006RW153-190415

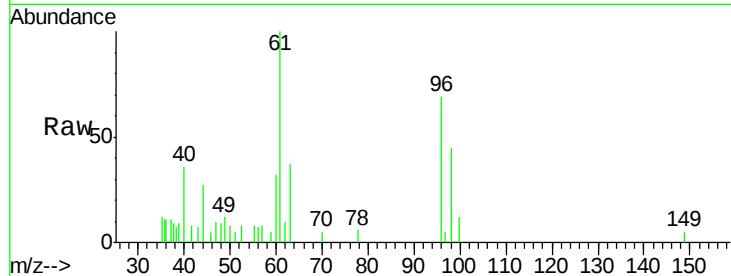
Tot Ion: 96 Resp: 1439

Ion Ratio Lower Upper

96 100

61 145.3 120.3 180.5

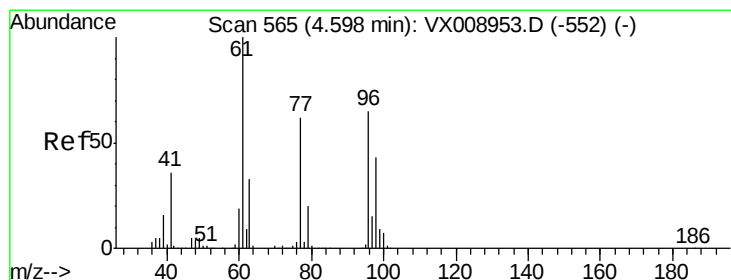
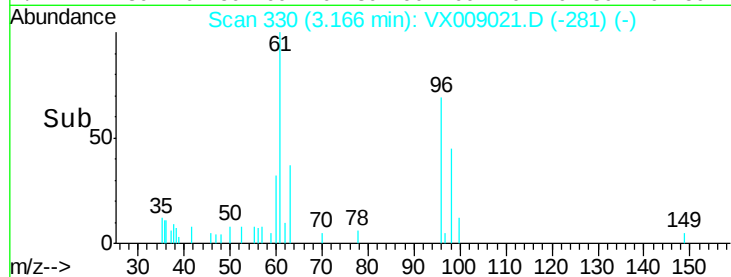
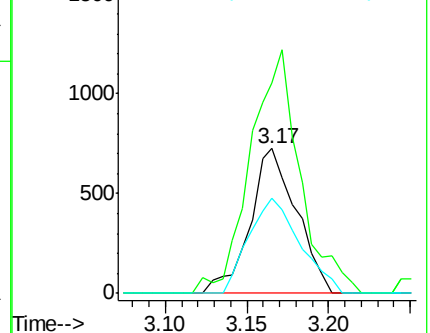
98 65.6 50.2 75.2



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: 63.245 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

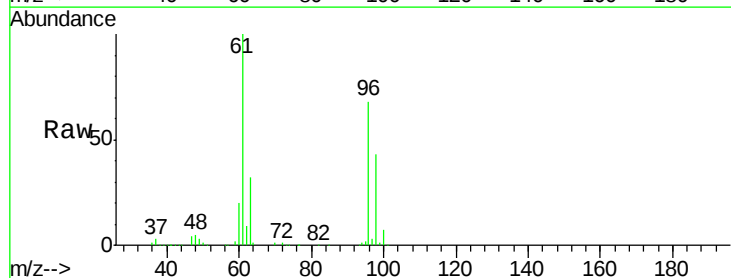
Tgt Ion: 96 Resp: 204238

Ion Ratio Lower Upper

96 100

61 144.0 0.0 322.0

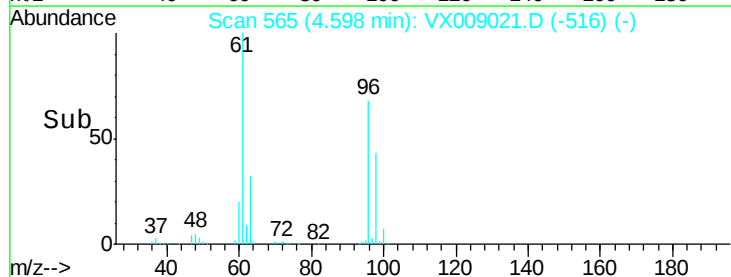
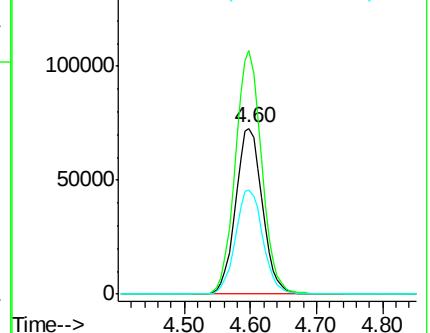
98 63.9 0.0 128.4

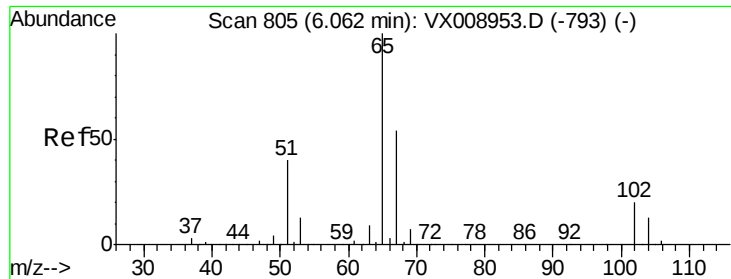


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

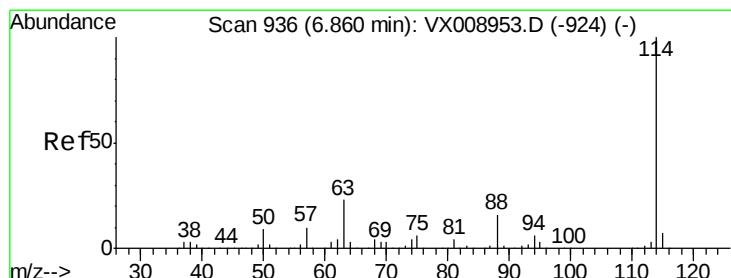
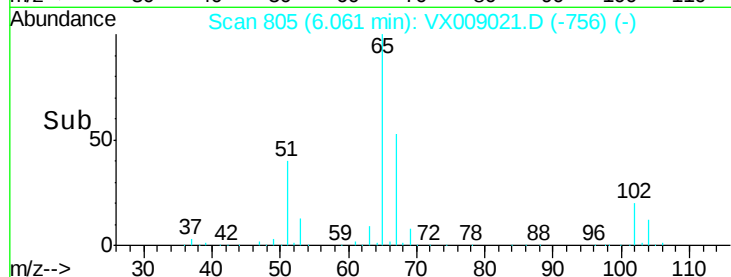
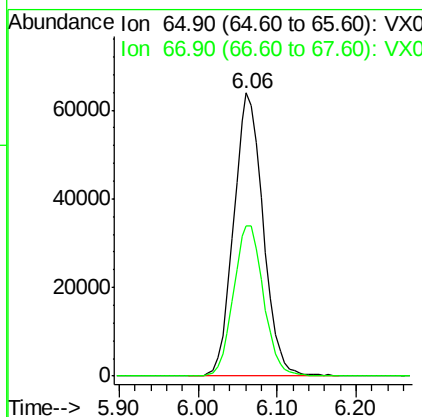
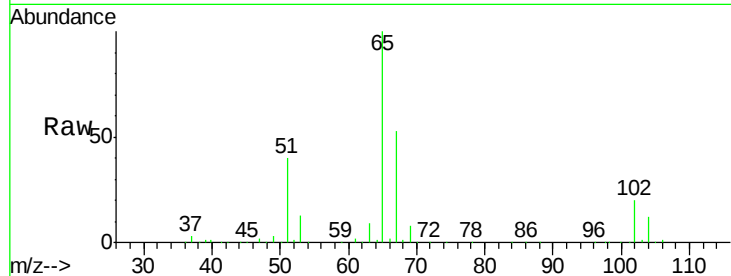




#33
 1,2-Dichloroethane-d4
 Concen: 47.197 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009021.D
 Acq: 17 Apr 2019 17:44

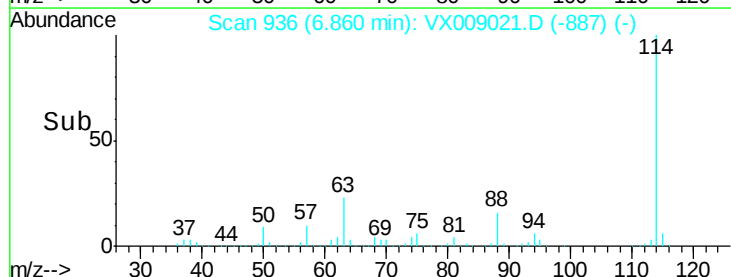
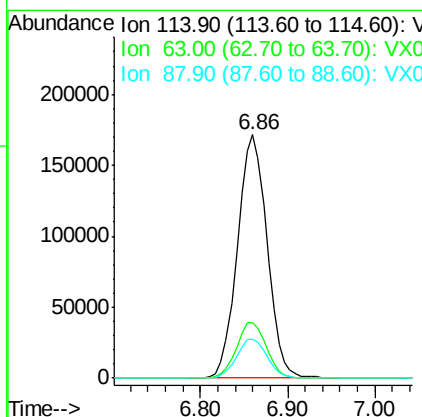
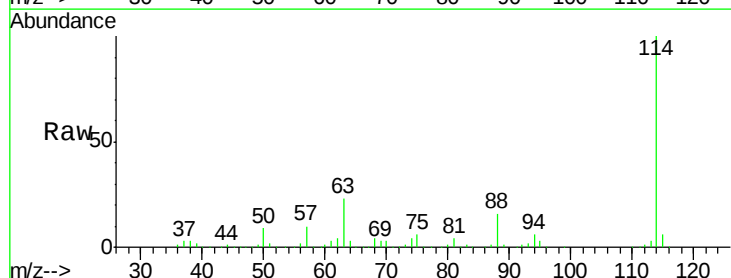
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW153-190415

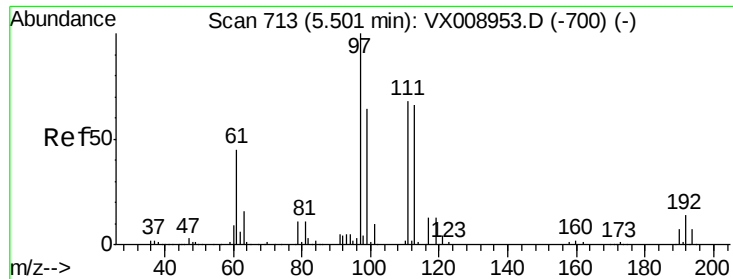
Tot Ion: 65 Resp: 165397
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009021.D
 Acq: 17 Apr 2019 17:44

Tgt Ion: 114 Resp: 403324
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.427 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

ST006RW153-190415

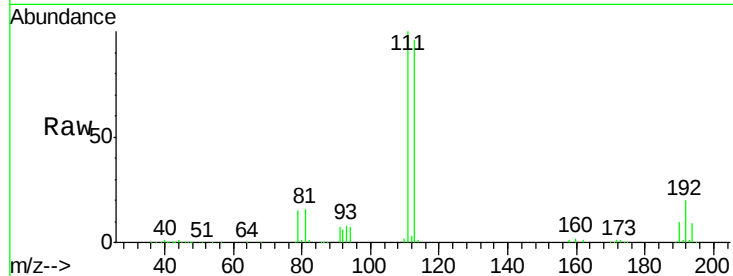
Tot Ion:113 Resp: 120173

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

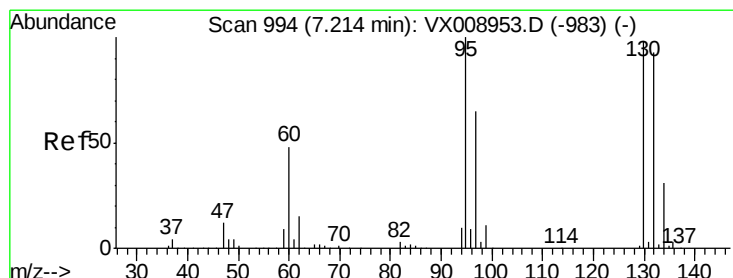
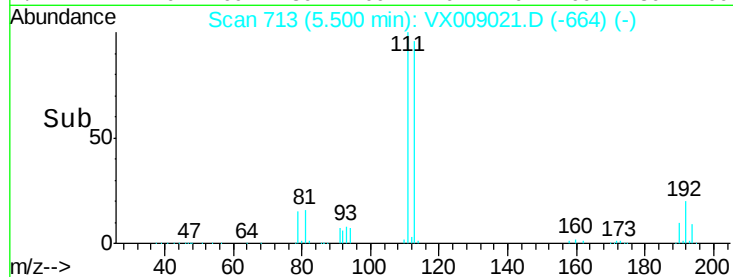
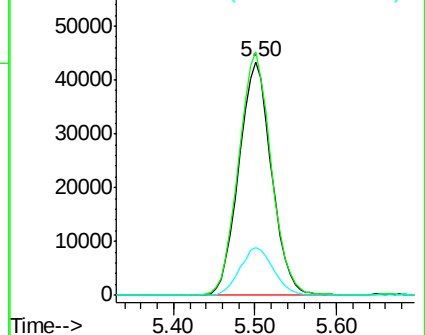
192 21.3 17.4 26.0



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: 1.260 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009021.D

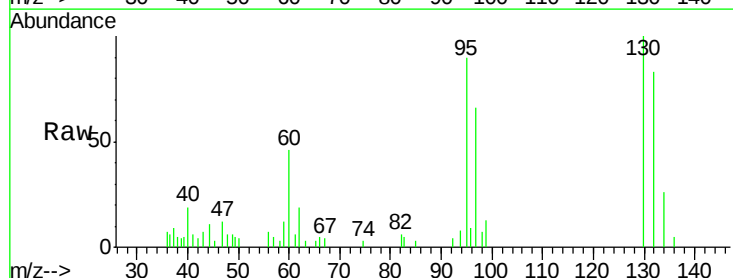
Acq: 17 Apr 2019 17:44

Tgt Ion:130 Resp: 3799

Ion Ratio Lower Upper

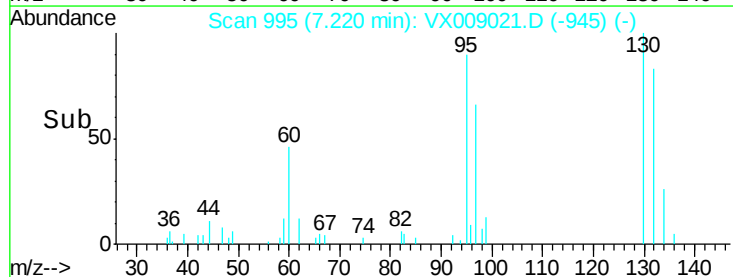
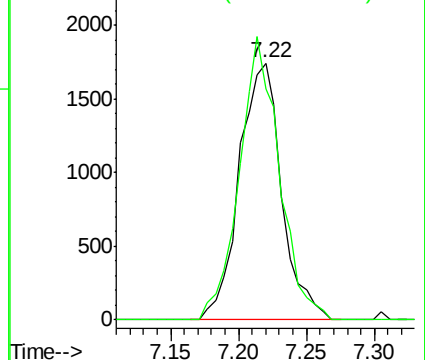
130 100

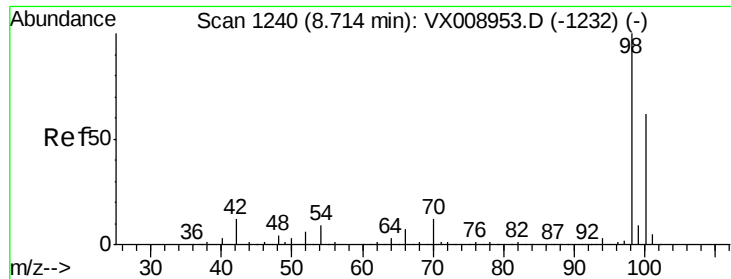
95 89.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.938 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

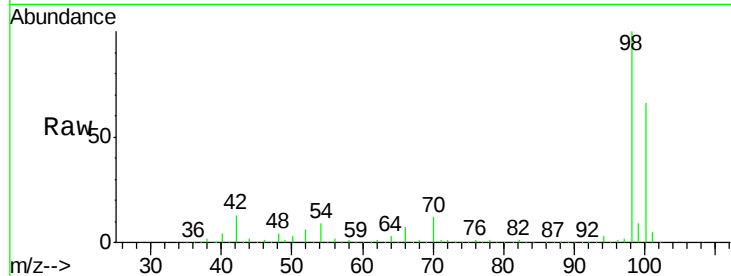
ST006RW153-190415

Tot Ion: 98 Resp: 494852

Ion Ratio Lower Upper

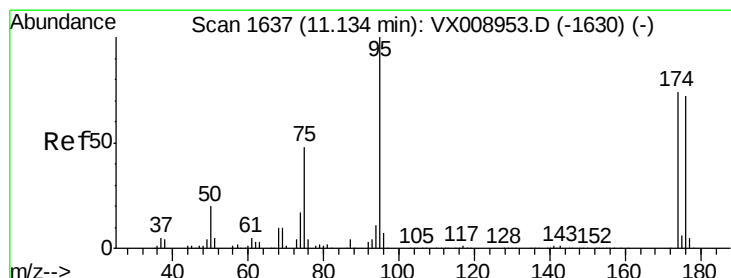
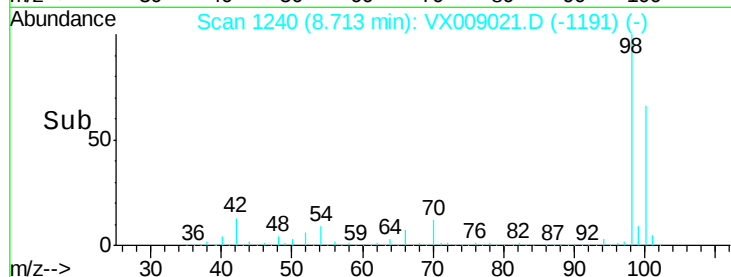
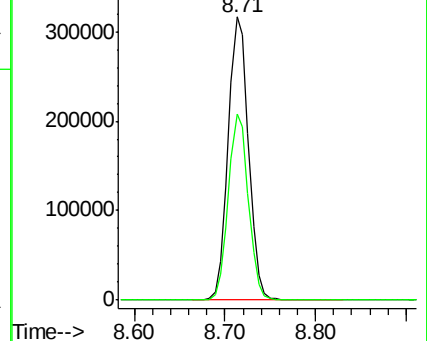
98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.039 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009021.D

Acq: 17 Apr 2019 17:44

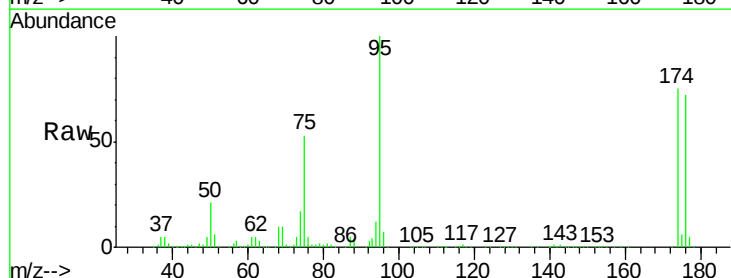
Tgt Ion: 95 Resp: 164120

Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.6

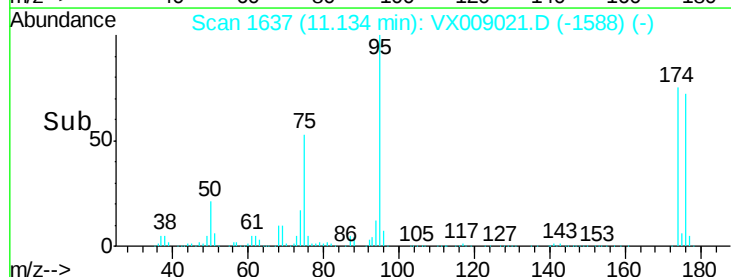
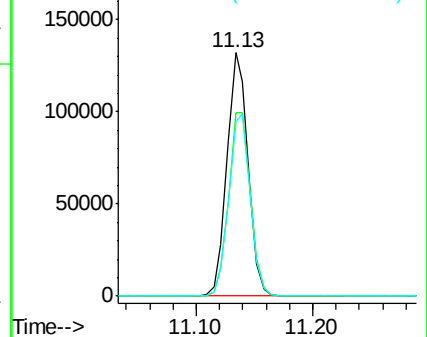
176 76.5 0.0 154.8

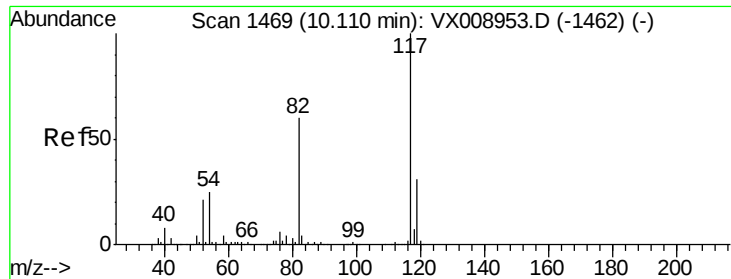


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

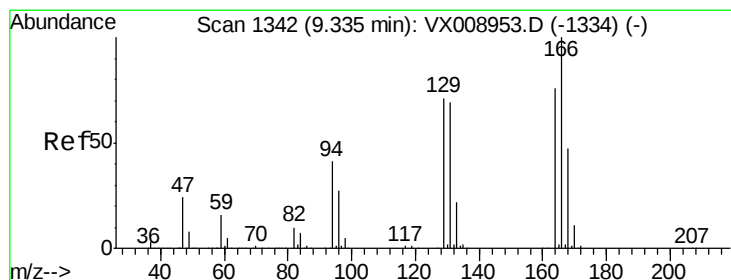
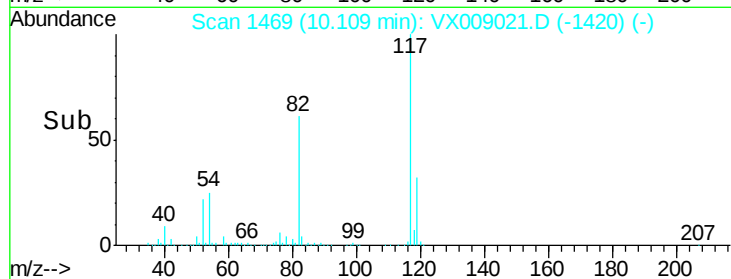
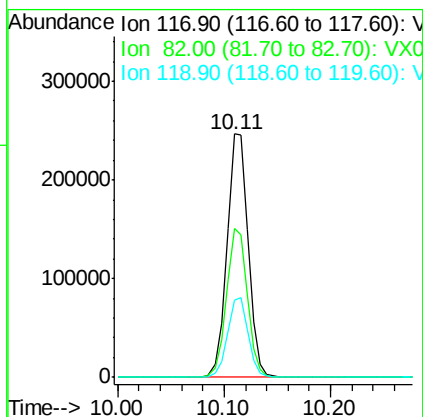
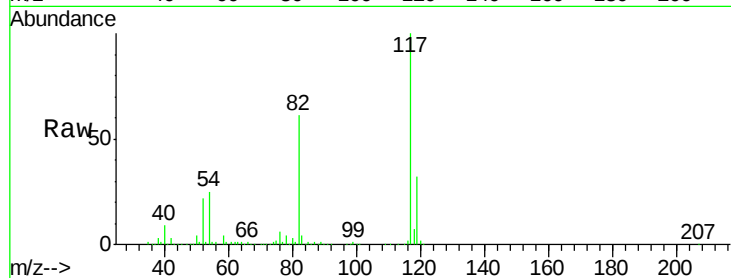




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

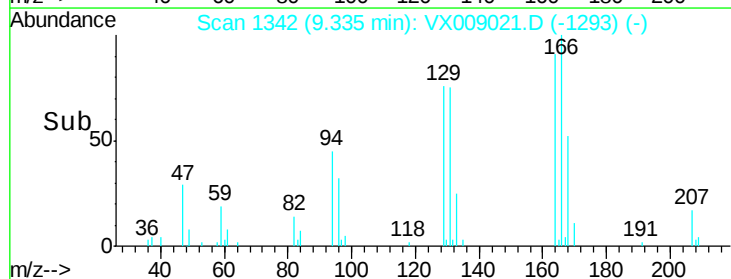
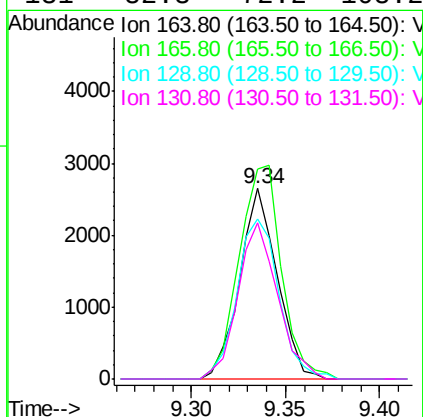
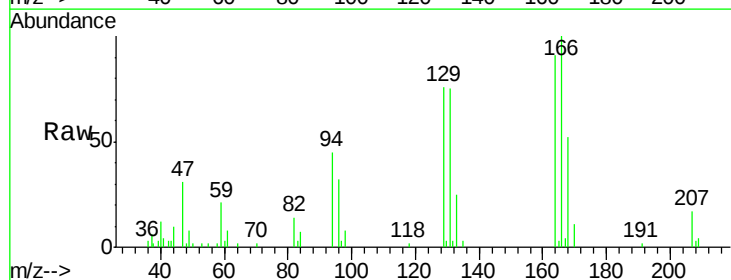
Instrument :
MSVOA_X
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ST006RW153-190415

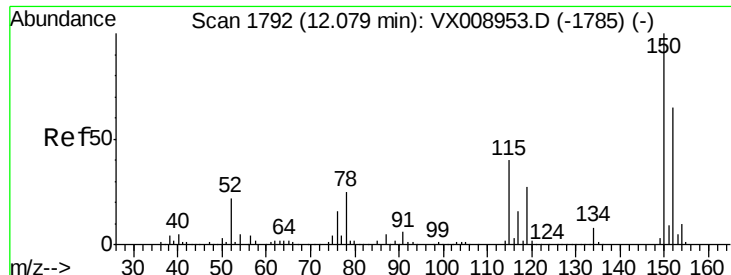
Tot Ion:117 Resp: 343756
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.4
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 1.405 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:164 Resp: 3668
Ion Ratio Lower Upper
164 100
166 110.3 105.0 157.4
129 84.2 74.2 111.4
131 82.3 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: VX009021.D
 Acq: 17 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW153-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.4	124.2
150	157.5	0.0	349.8

