

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009036.D
 Acq On : 18 Apr 2019 12:14
 Operator : JC/SP
 Sample : K2387-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410DL

Quant Time: Apr 19 04:49:32 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

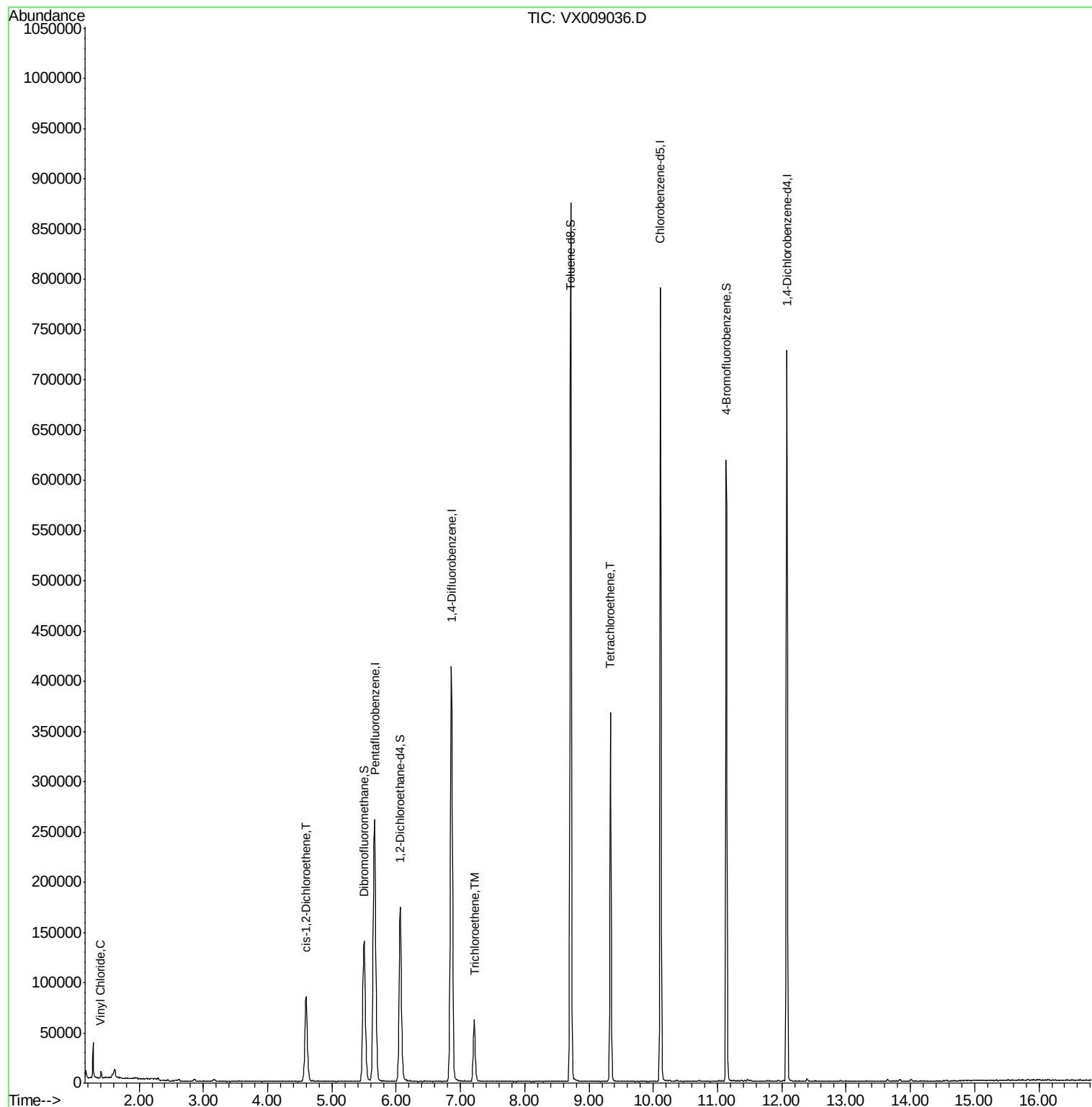
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163708	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	121268	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	500021	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.13	95	164609	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
4) Vinyl Chloride	1.41	62	4880	1.409	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52476	16.056	ug/l	90
44) Trichloroethene	7.21	130	23406	7.782	ug/l	94
64) Tetrachloroethene	9.34	164	71091	27.371	ug/l	98

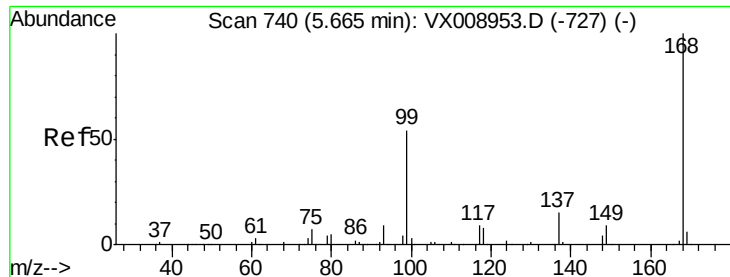
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009036.D

Acq: 18 Apr 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

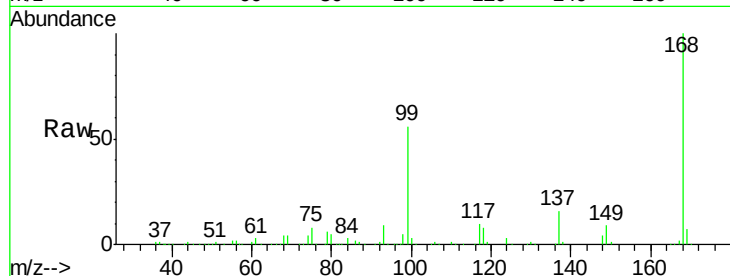
SS040MW318-190410DL

Tot Ion:168 Resp: 251660

Ion Ratio Lower Upper

168 100

99 56.0 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

100000

80000

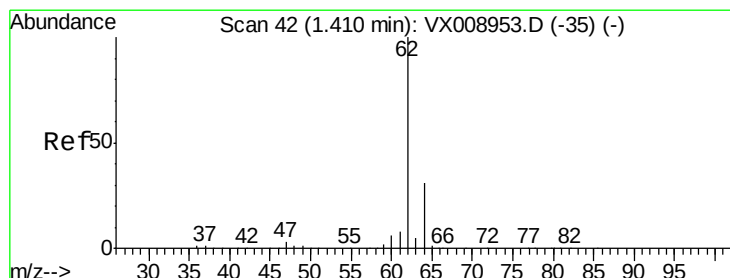
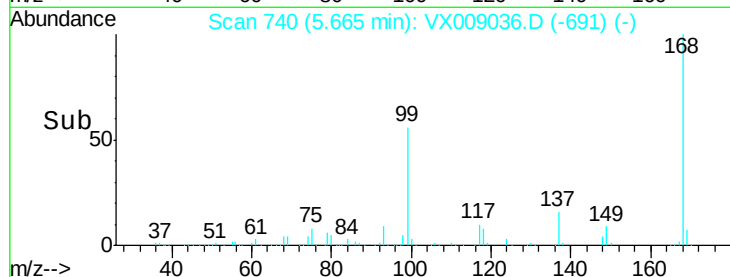
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.409 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009036.D

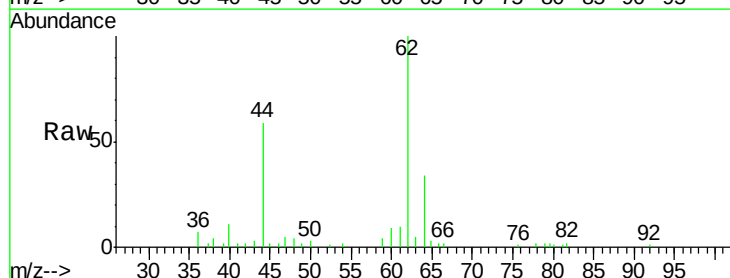
Acq: 18 Apr 2019 12:14

Tgt Ion: 62 Resp: 4880

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

4000

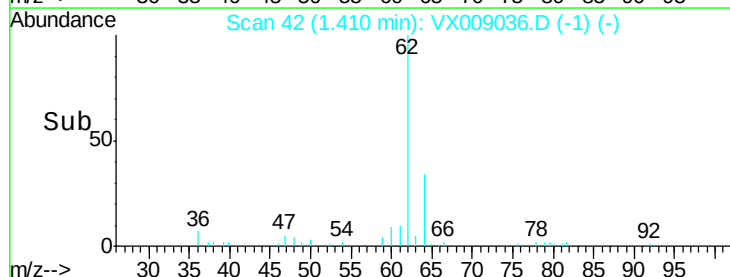
3000

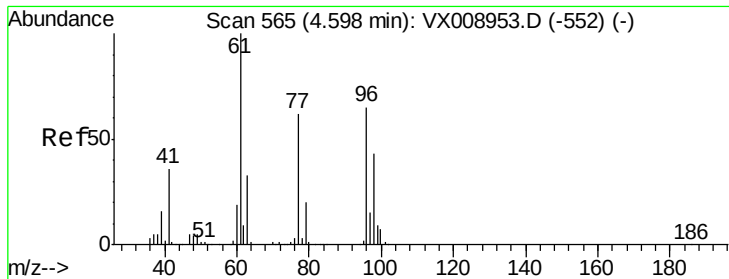
2000

1000

0

Time--> 1.35 1.40 1.45 1.50



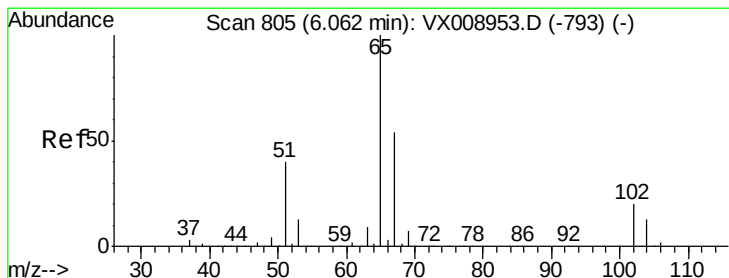
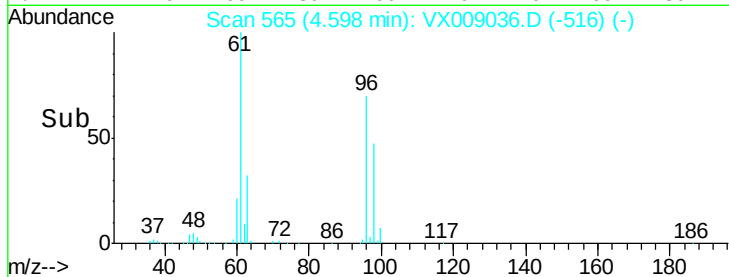
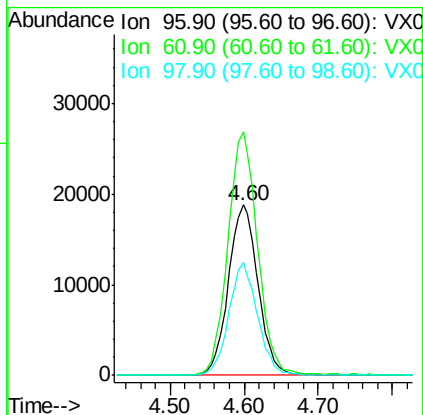
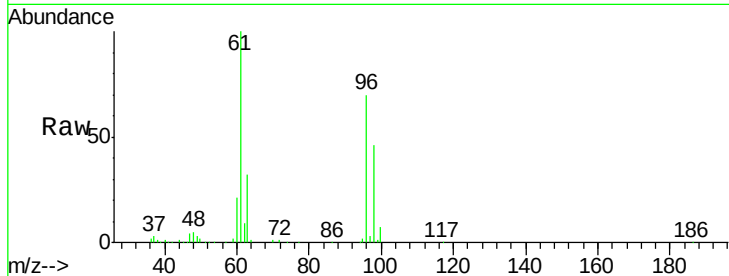


#27

cis-1,2-Dichloroethene
 Concen: 16.056 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009036.D
 Acq: 18 Apr 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410DL

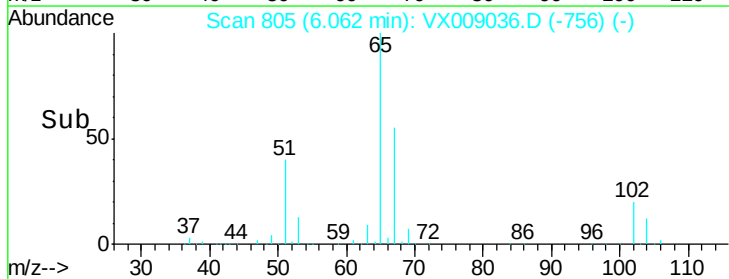
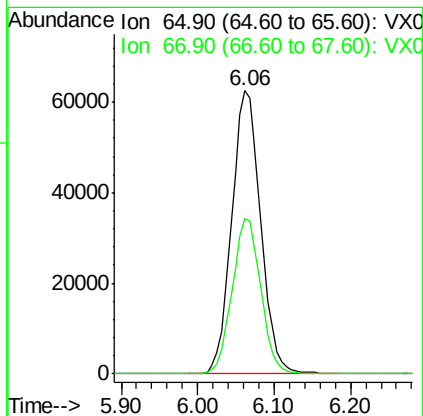
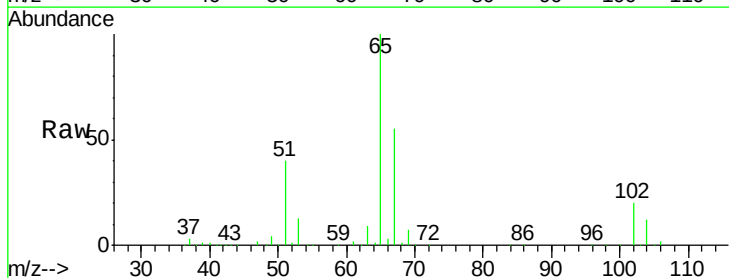
Tot Ion	96	Resp	52476
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	322.0
98	63.9	0.0	128.4

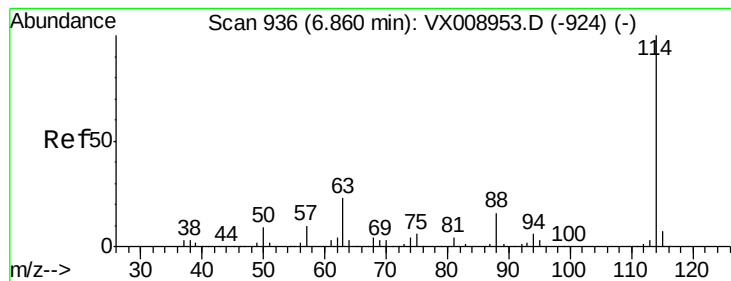


#33

1,2-Dichloroethane-d4
 Concen: 46.159 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009036.D
 Acq: 18 Apr 2019 12:14

Tgt Ion	65	Resp	163708
Ion	Ratio	Lower	Upper
65	100		
67	54.3	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: VX009036.D

Acq: 18 Apr 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410DL

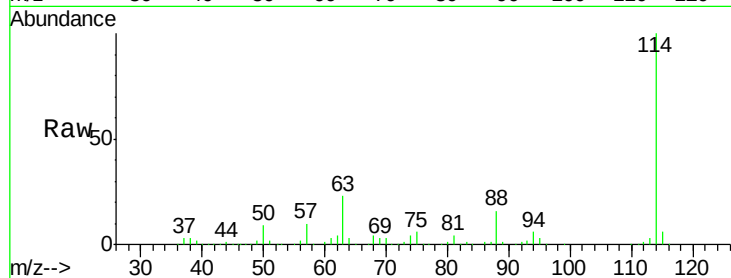
Tot Ion:114 Resp: 402364

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

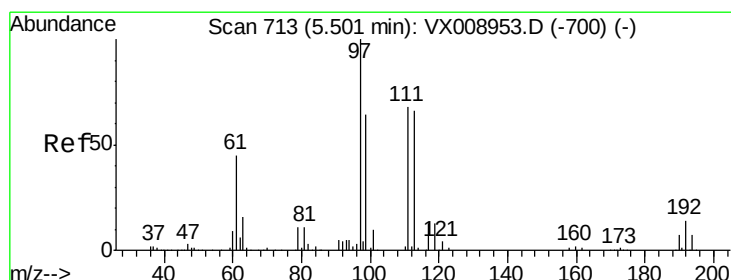
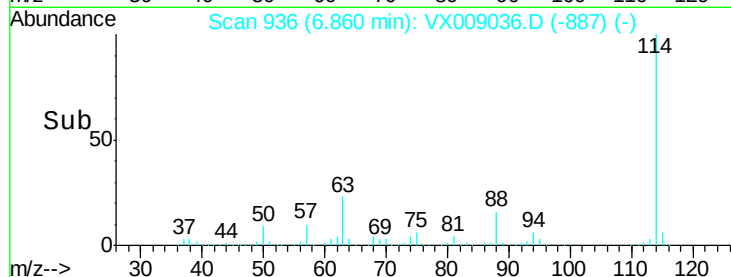
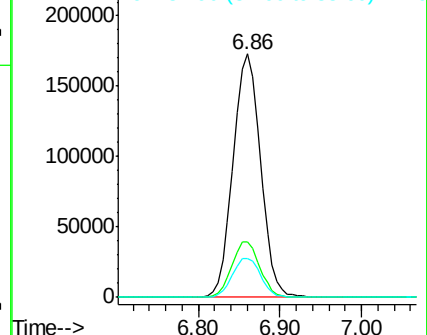
88 16.1 0.0 32.6



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: 46.962 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009036.D

Acq: 18 Apr 2019 12:14

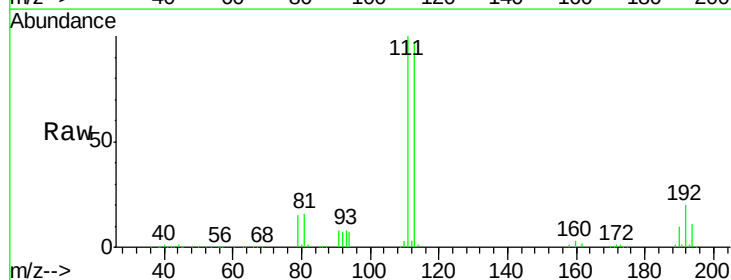
Tgt Ion:113 Resp: 121268

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

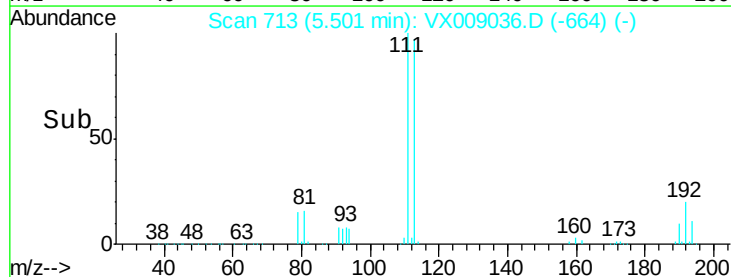
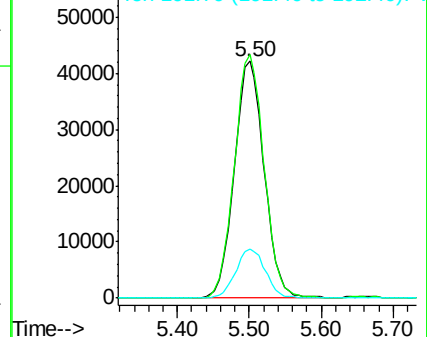
192 20.6 17.4 26.0

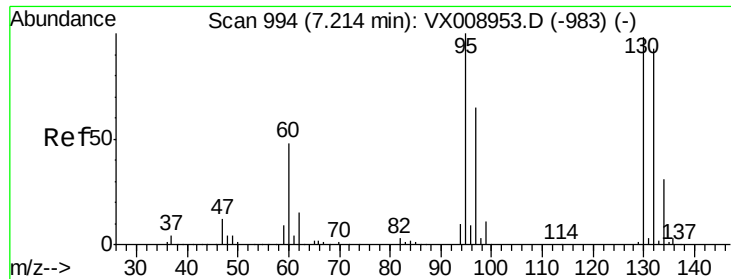


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.782 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009036.D

Acq: 18 Apr 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

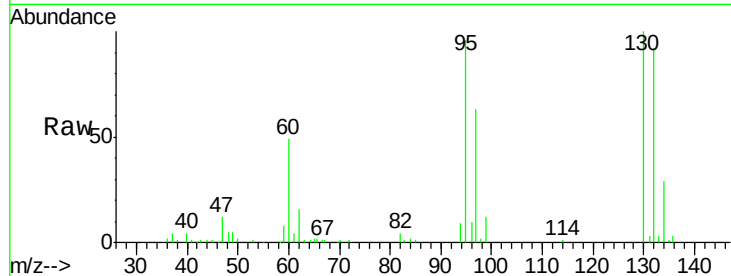
SS040MW318-190410DL

Tot Ion:130 Resp: 23406

Ion Ratio Lower Upper

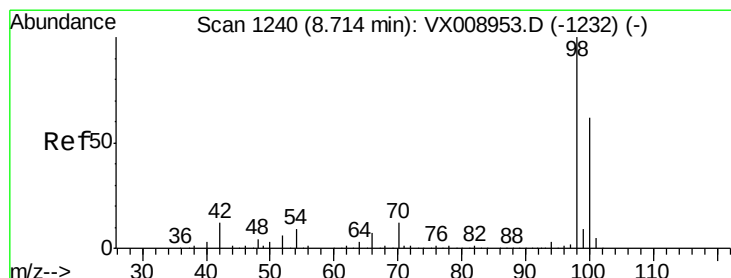
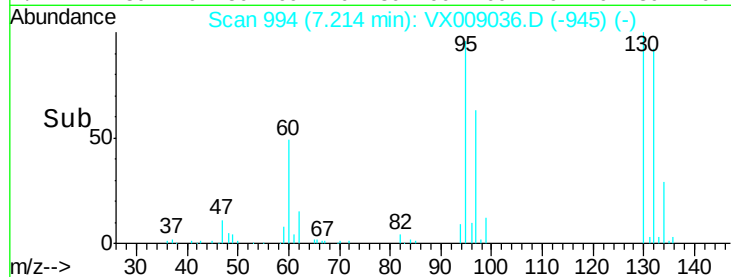
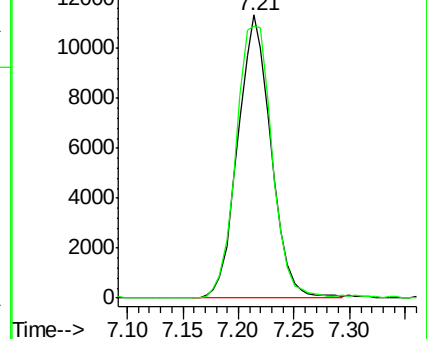
130 100

95 95.9 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: 48.554 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009036.D

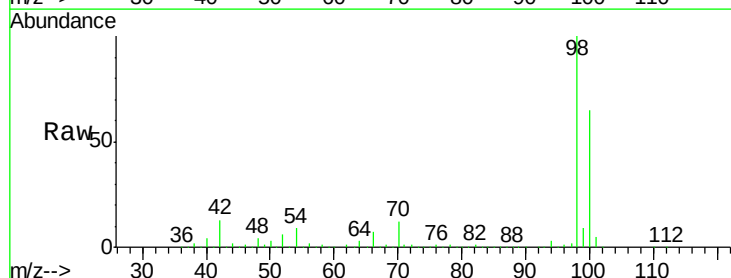
Acq: 18 Apr 2019 12:14

Tgt Ion: 98 Resp: 500021

Ion Ratio Lower Upper

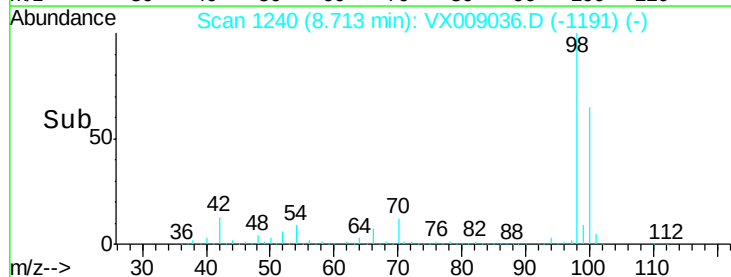
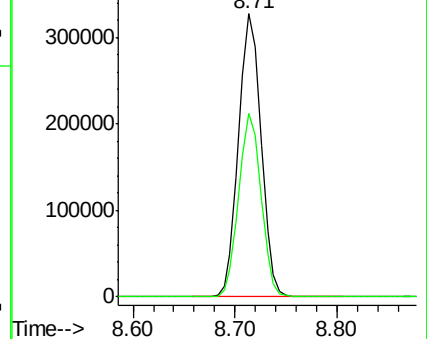
98 100

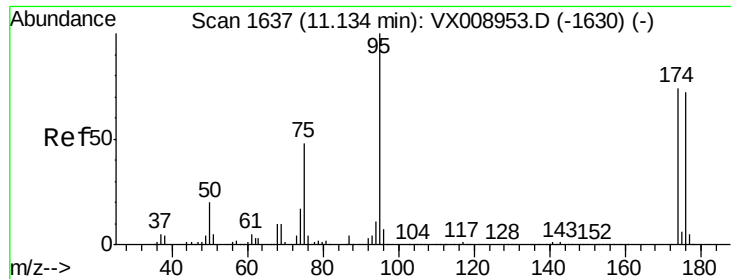
100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.281 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009036.D

Acq: 18 Apr 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410DL

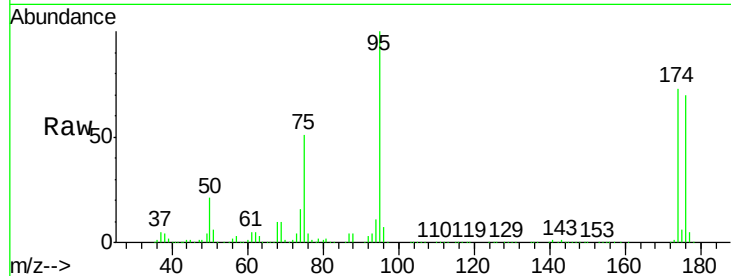
Tot Ion: 95 Resp: 164609

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

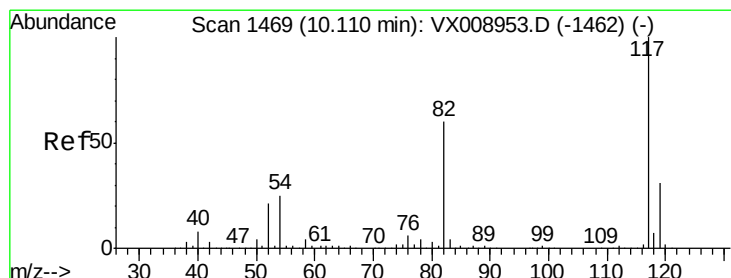
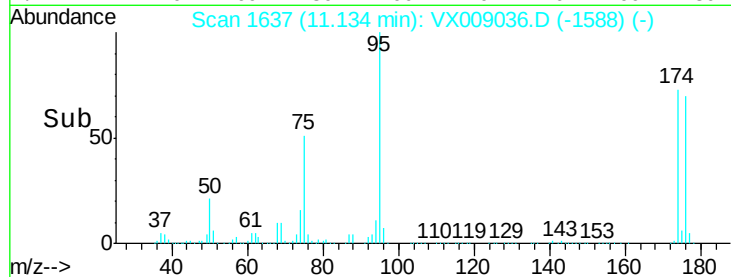
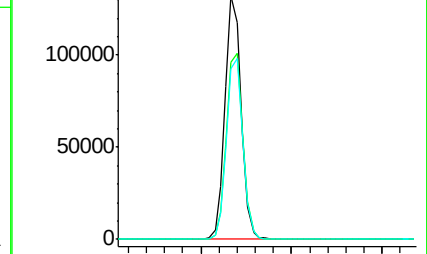
176 75.8 0.0 154.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009036.D

Acq: 18 Apr 2019 12:14

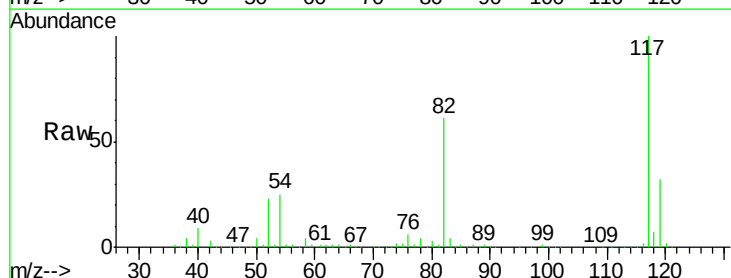
Tgt Ion: 117 Resp: 341897

Ion Ratio Lower Upper

117 100

82 61.3 48.2 72.4

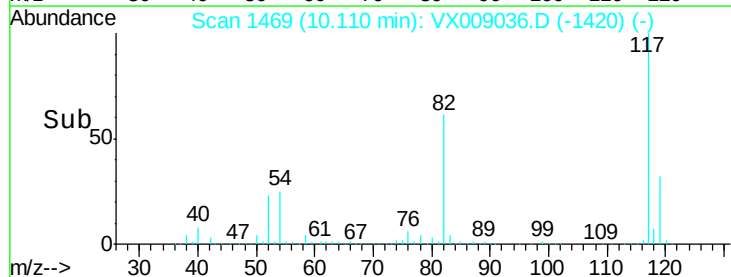
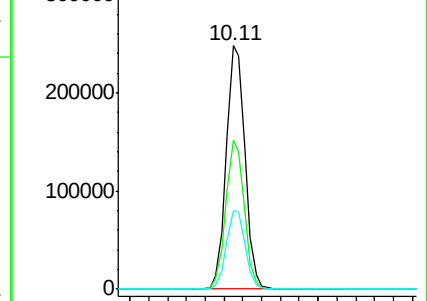
119 32.4 25.0 37.6

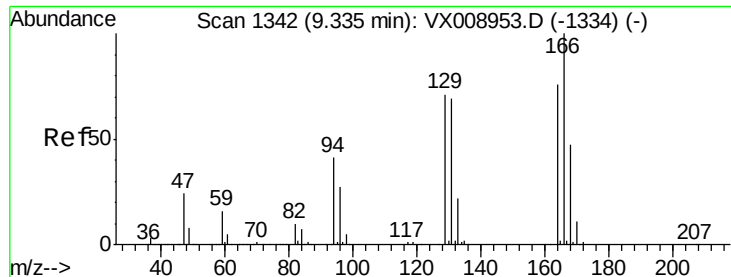


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

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

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

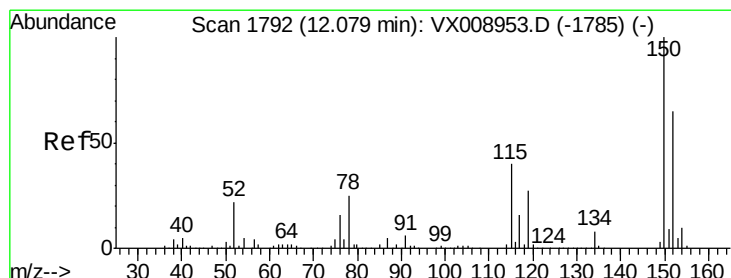
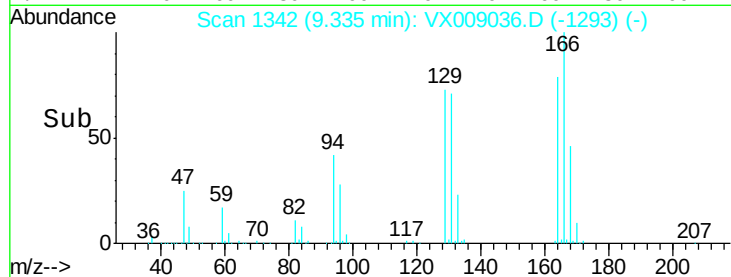
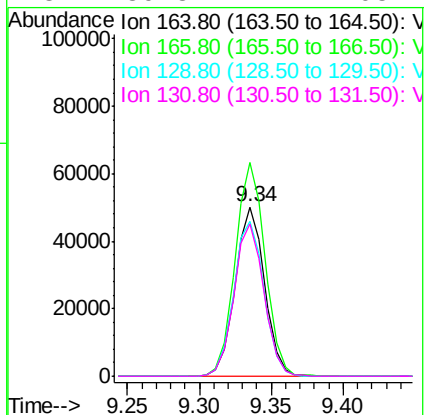
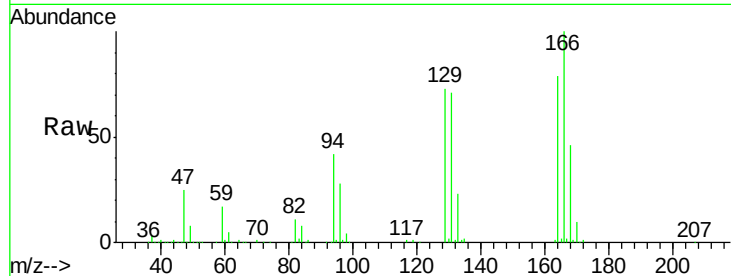




#64
Tetrachloroethene
Concen: 27.371 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009036.D
Acq: 18 Apr 2019 12:14

Instrument :
MSVOA_X
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SS040MW318-190410DL

Tot Ion:164 Resp: 71091
Ion Ratio Lower Upper
164 100
166 126.3 105.0 157.4
129 92.0 74.2 111.4
131 89.8 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: VX009036.D
Acq: 18 Apr 2019 12:14

Tgt Ion:152 Resp: 144049
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 155.8 0.0 349.8

