

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009040.D
 Acq On : 18 Apr 2019 13:47
 Operator : JC/SP
 Sample : K2448-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008RW258-190415DL

Quant Time: Apr 19 05:02:19 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

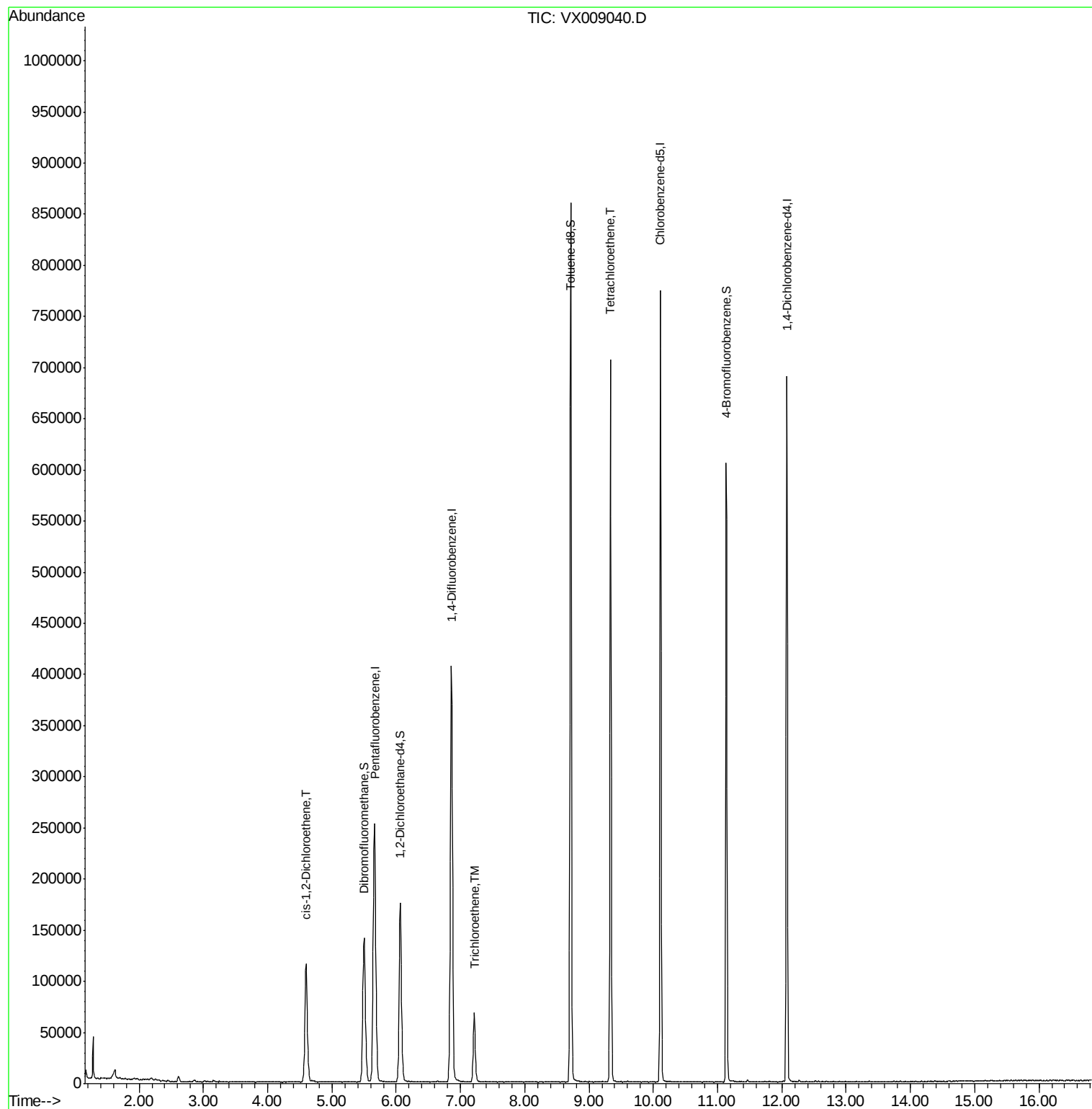
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	164997	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	5.50	113	120671	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	8.71	98	490557	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	159986	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	71457	22.366	ug/l	91
44) Trichloroethene	7.21	130	26245	8.828	ug/l	97
64) Tetrachloroethene	9.34	164	136394	52.794	ug/l	99

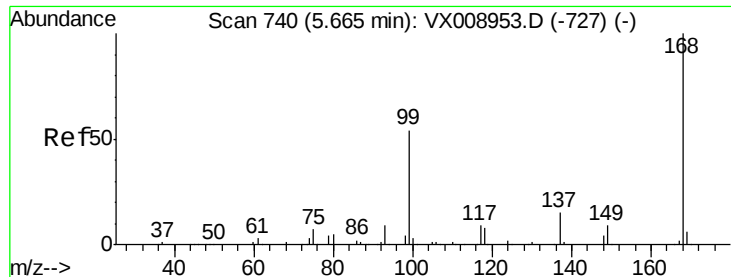
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009040.D

Acq: 18 Apr 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

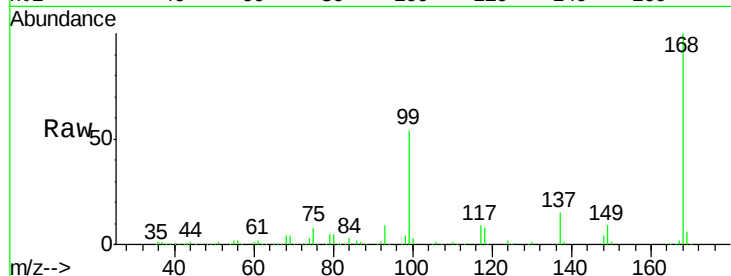
ST008RW258-190415DL

Tot Ion:168 Resp: 246019

Ion Ratio Lower Upper

168 100

99 53.6 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

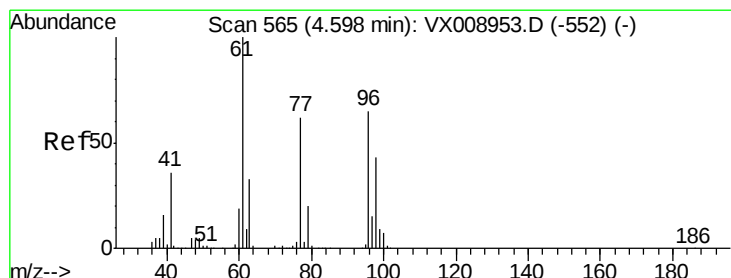
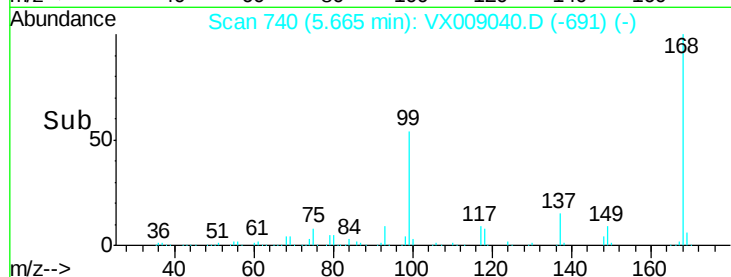
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 22.366 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009040.D

Acq: 18 Apr 2019 13:47

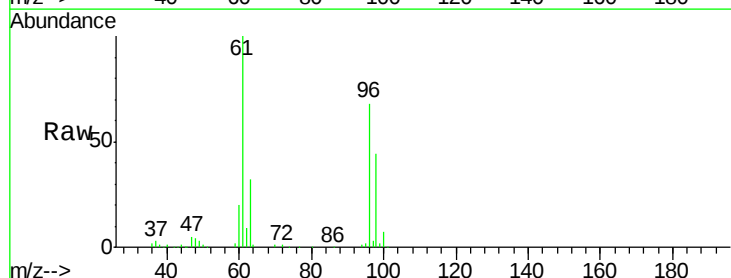
Tgt Ion: 96 Resp: 71457

Ion Ratio Lower Upper

96 100

61 143.8 0.0 322.0

98 64.0 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

4.60

50000

40000

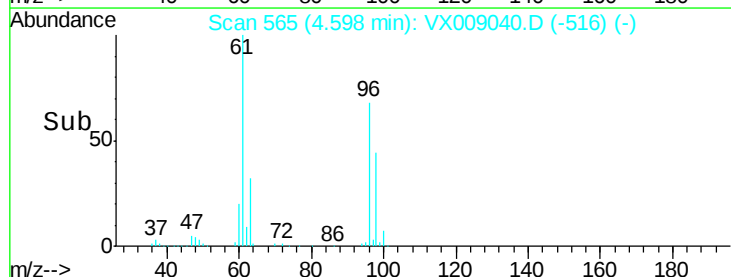
30000

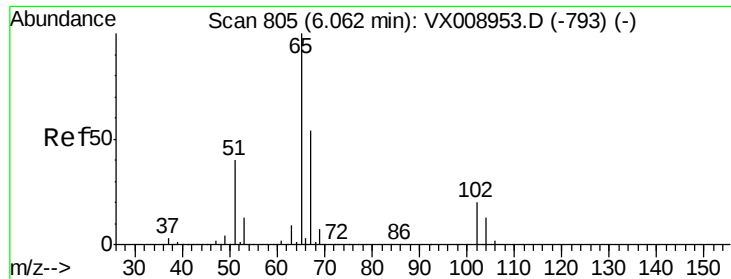
20000

10000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.589 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009040.D

Acq: 18 Apr 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

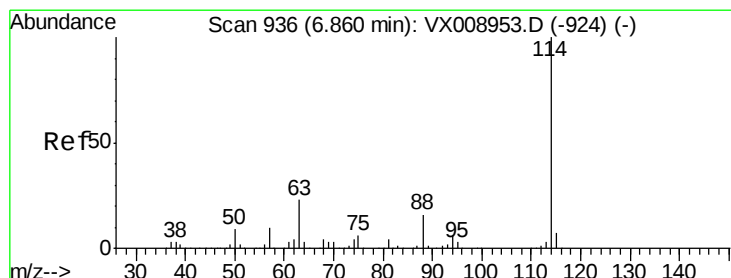
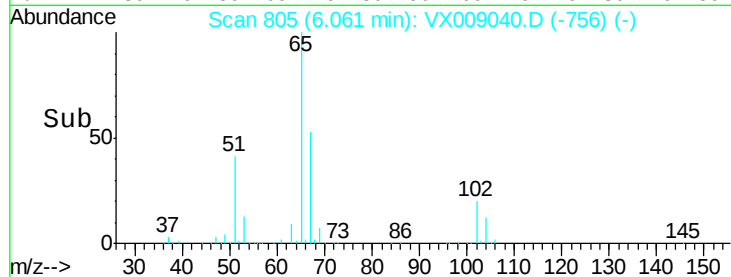
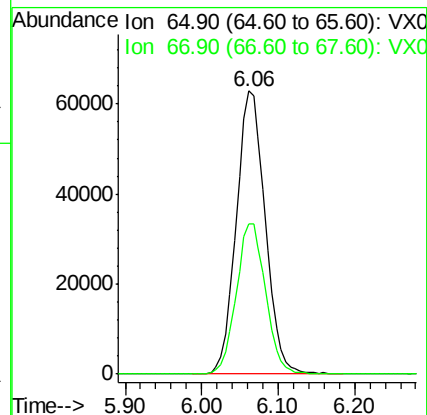
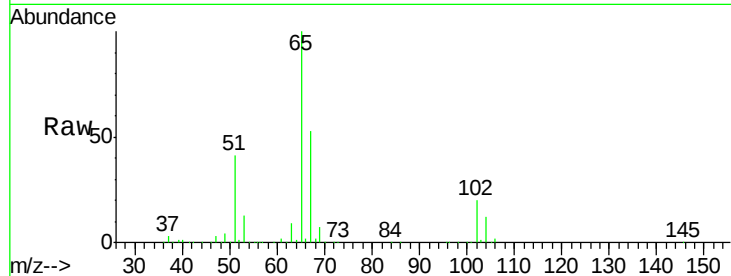
ST008RW258-190415DL

Tot Ion: 65 Resp: 164997

Ion Ratio Lower Upper

65 100

67 53.5 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: VX009040.D

Acq: 18 Apr 2019 13:47

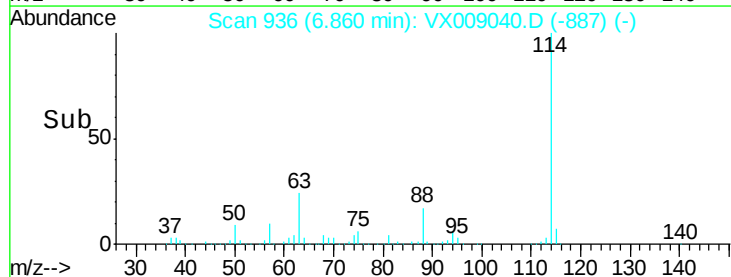
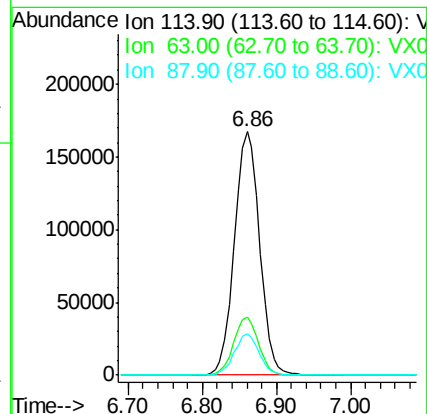
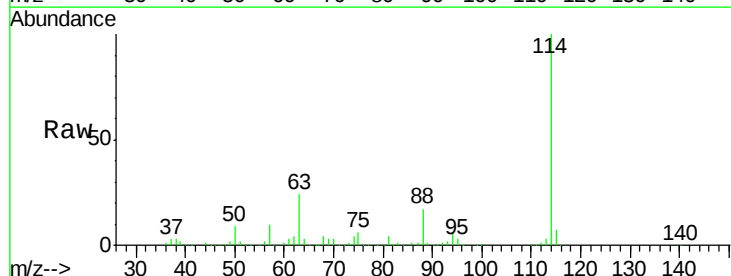
Tgt Ion: 114 Resp: 397705

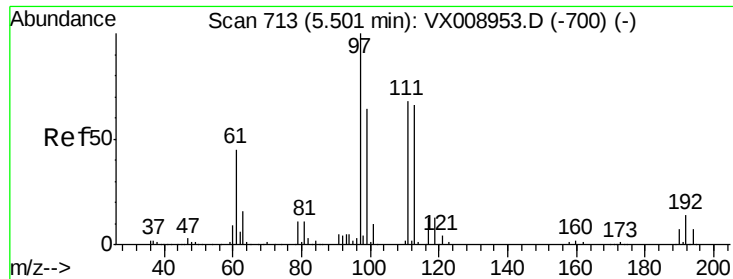
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.0

88 17.2 0.0 32.6

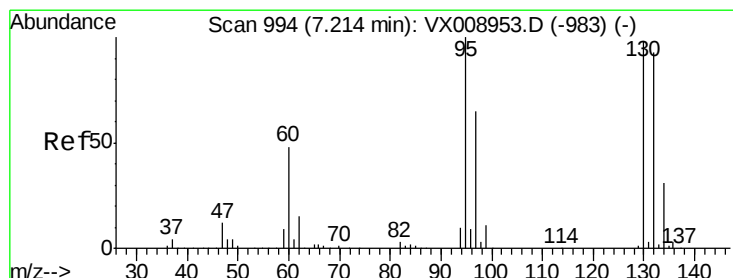
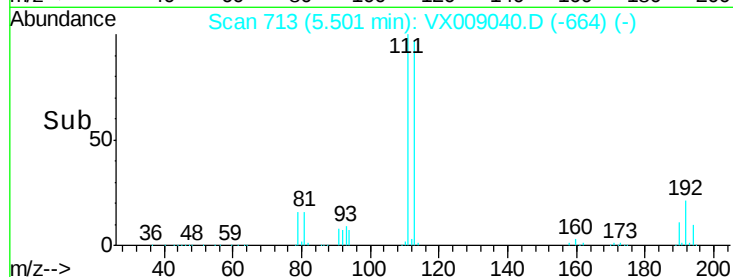
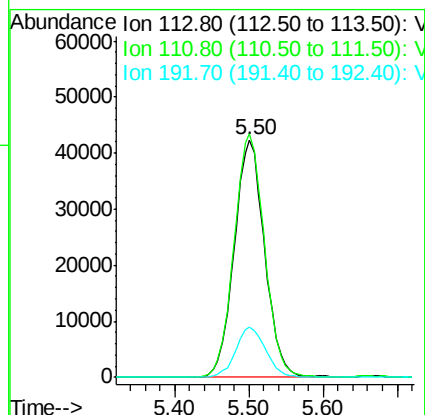
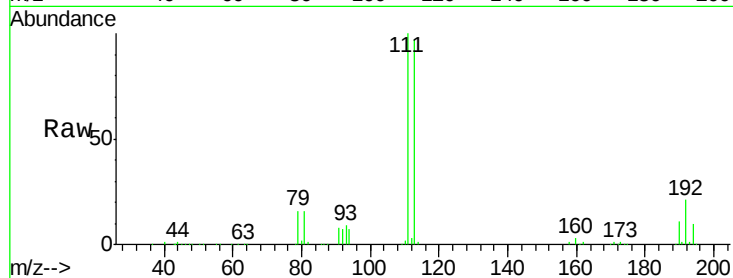




#35
 Dibromofluoromethane
 Concen: 47.278 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009040.D
 Acq: 18 Apr 2019 13:47

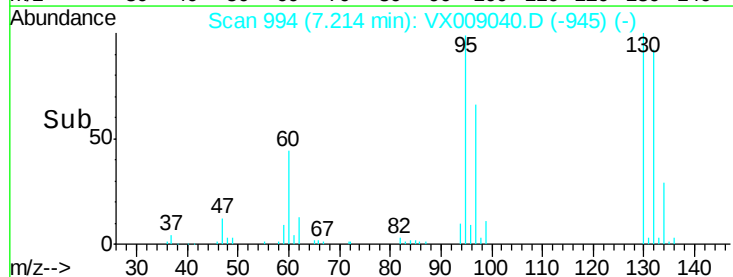
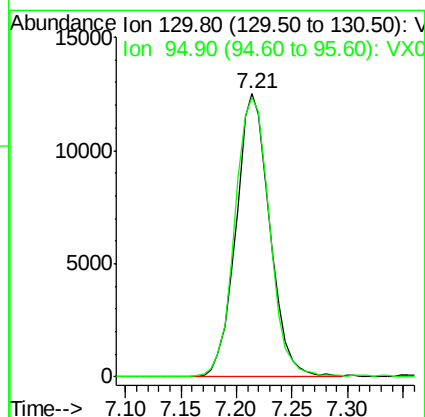
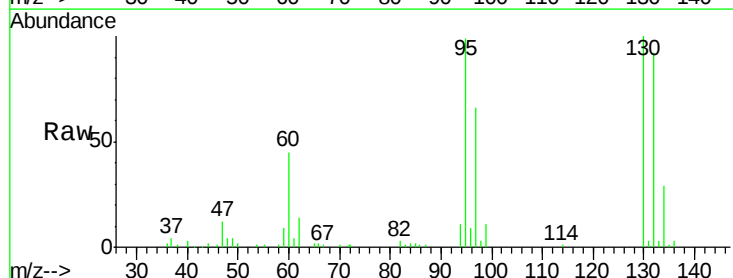
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008RW258-190415DL

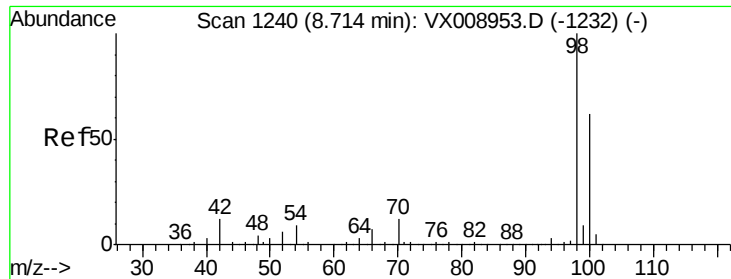
Tot Ion:113 Resp: 120671
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 20.9 17.4 26.0



#44
 Trichloroethene
 Concen: 8.828 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009040.D
 Acq: 18 Apr 2019 13:47

Tgt Ion:130 Resp: 26245
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 203.2





#50

Toluene-d8

Concen: 48.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009040.D

Acq: 18 Apr 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

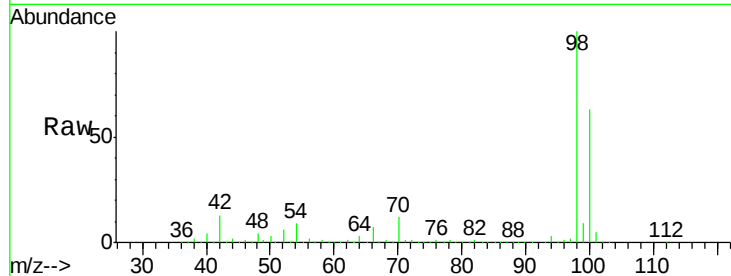
ST008RW258-190415DL

Tot Ion: 98 Resp: 490557

Ion Ratio Lower Upper

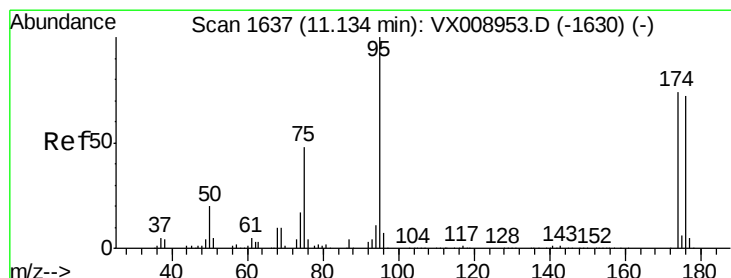
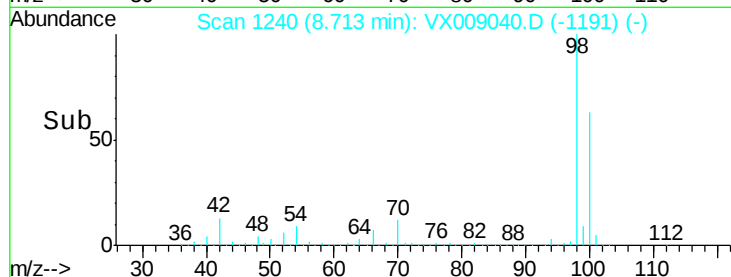
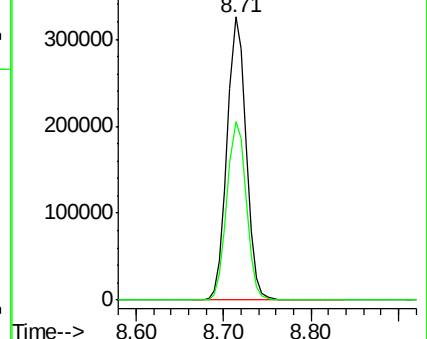
98 100

100 64.4 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: 44.525 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009040.D

Acq: 18 Apr 2019 13:47

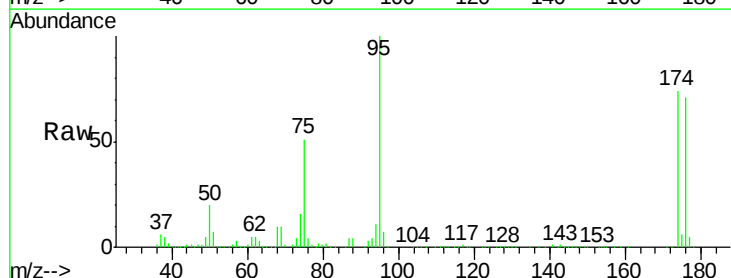
Tgt Ion: 95 Resp: 159986

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

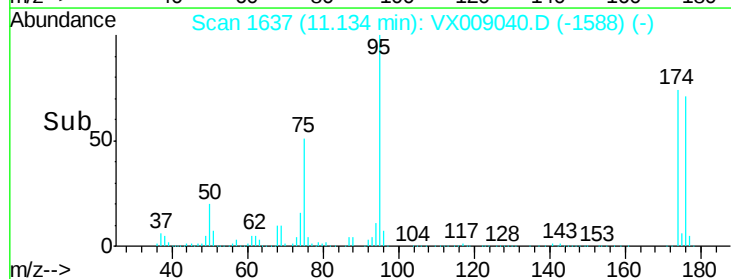
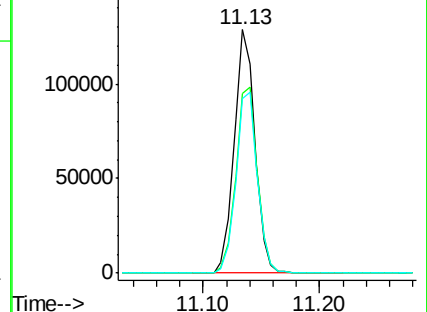
176 76.3 0.0 154.8

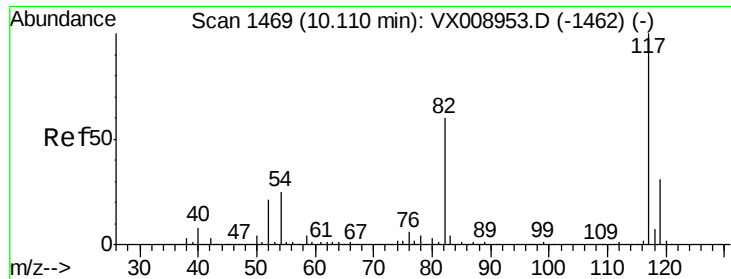


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

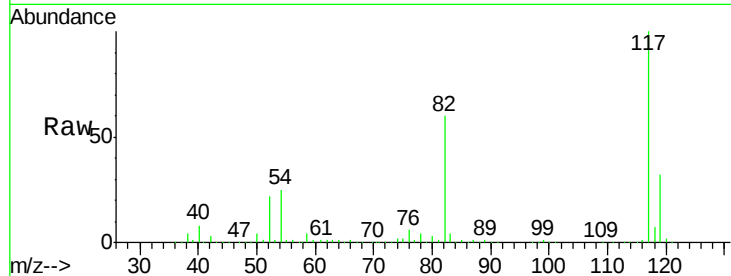




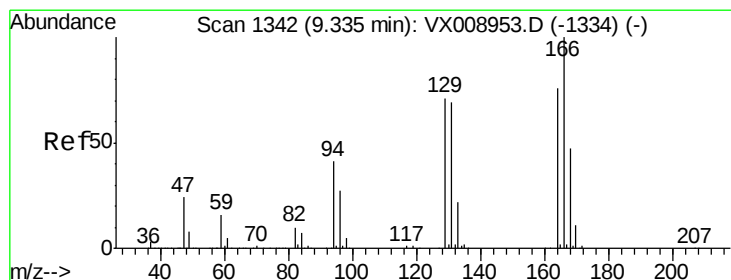
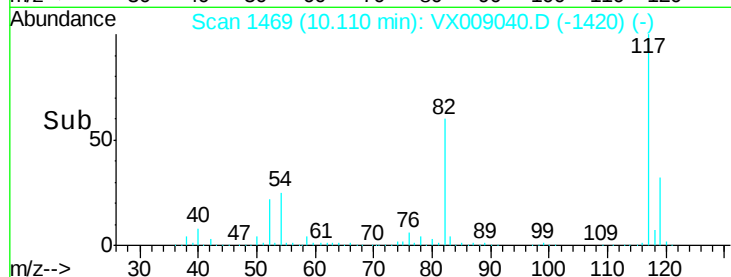
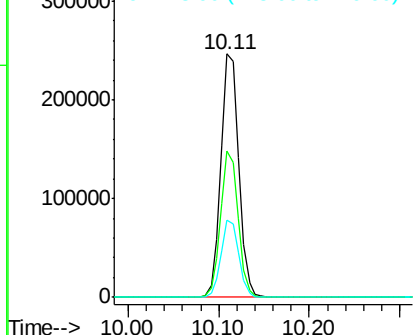
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009040.D
Acq: 18 Apr 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
ST008RW258-190415DL

Tot Ion:117 Resp: 340079
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.4
119 31.8 25.0 37.6



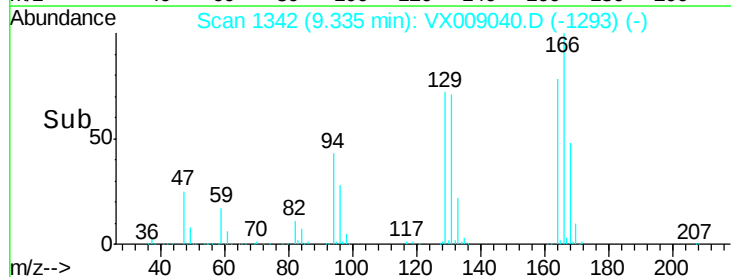
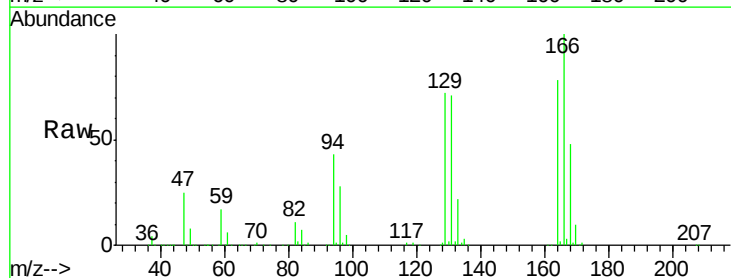
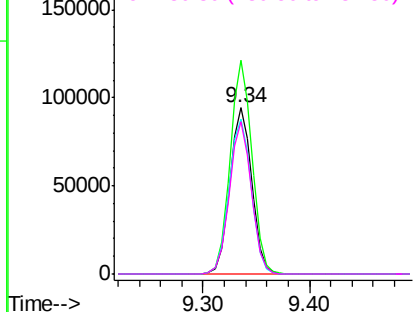
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

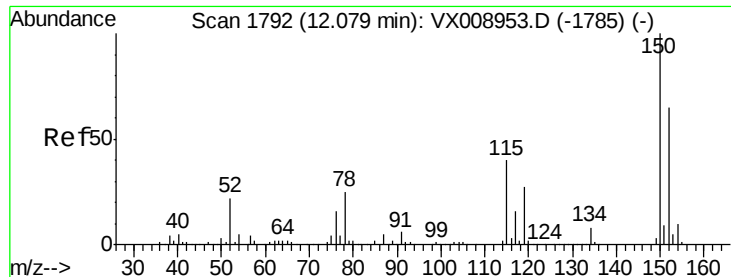


#64
Tetrachloroethene
Concen: 52.794 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009040.D
Acq: 18 Apr 2019 13:47

Tgt Ion:164 Resp: 136394
Ion Ratio Lower Upper
164 100
166 128.5 105.0 157.4
129 92.9 74.2 111.4
131 91.6 72.2 108.2

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009040.D

Acq: 18 Apr 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

ST008RW258-190415DL

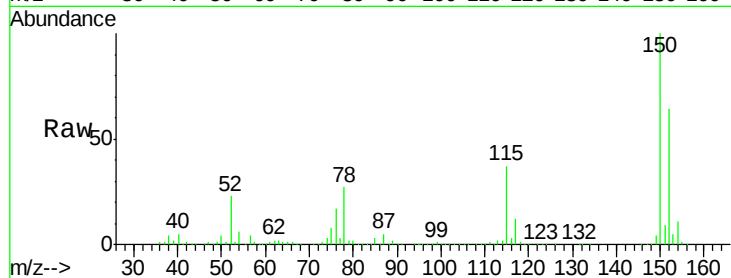
Tot Ion:152 Resp: 137771

Ion Ratio Lower Upper

152 100

115 60.3 41.4 124.2

150 158.6 0.0 349.8



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

