

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009224.D
 Acq On : 29 Apr 2019 21:49
 Operator : JC/SP
 Sample : K2594-13DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423DL

Quant Time: Apr 30 08:54:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

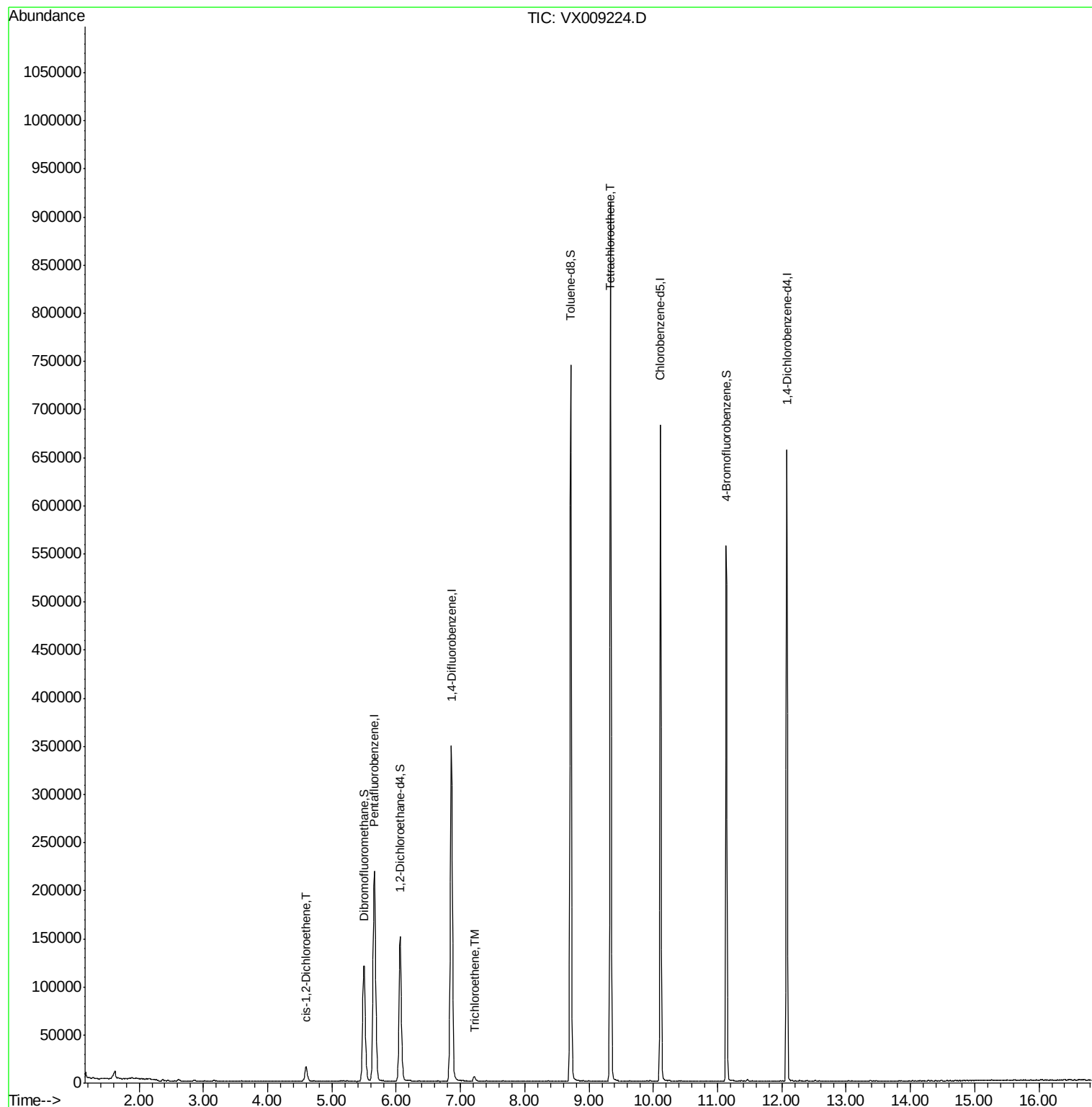
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141560	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	5.50	113	104380	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	8.71	98	434694	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	146497	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	9454	3.618	ug/l	89
44) Trichloroethene	7.21	130	1728	0.720	ug/l	95
64) Tetrachloroethene	9.34	164	180408	86.264	ug/l	100

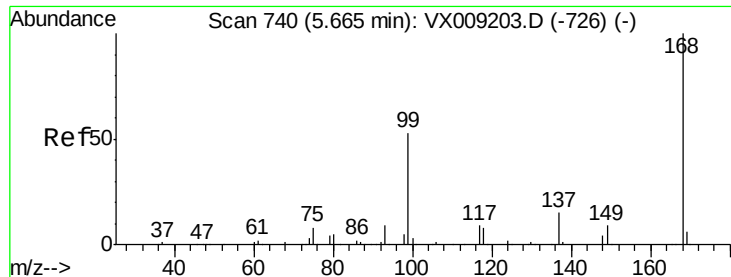
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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Acq: 29 Apr 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

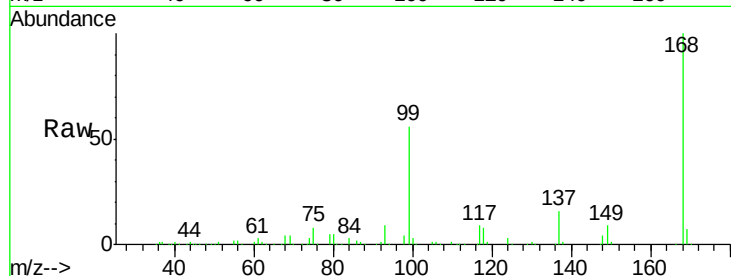
DUP-0514-190423DL

Tot Ion:168 Resp: 215135

Ion Ratio Lower Upper

168 100

99 55.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

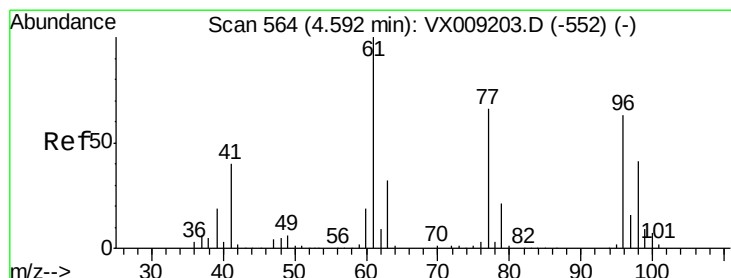
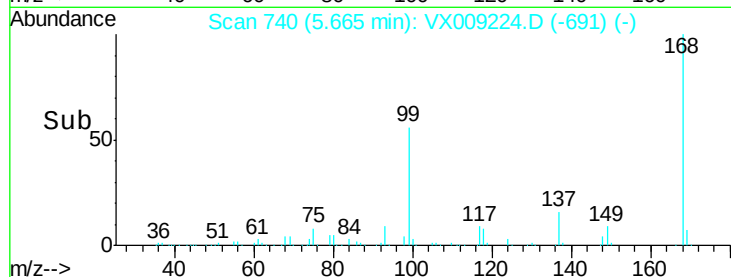
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.618 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009224.D

Acq: 29 Apr 2019 21:49

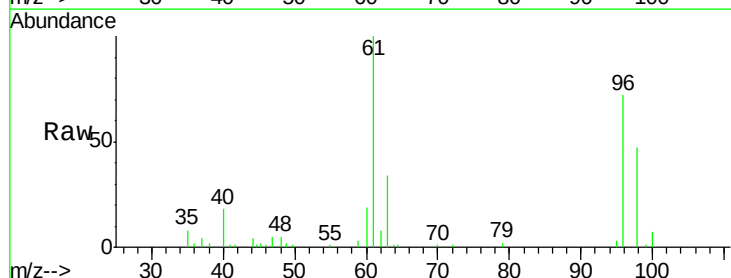
Tgt Ion: 96 Resp: 9454

Ion Ratio Lower Upper

96 100

61 141.0 0.0 324.0

98 64.6 0.0 130.4



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

6000

5000

4000

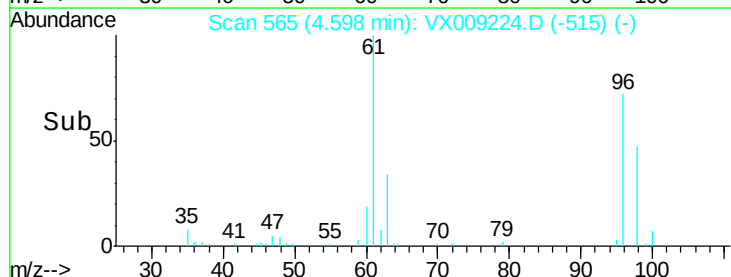
3000

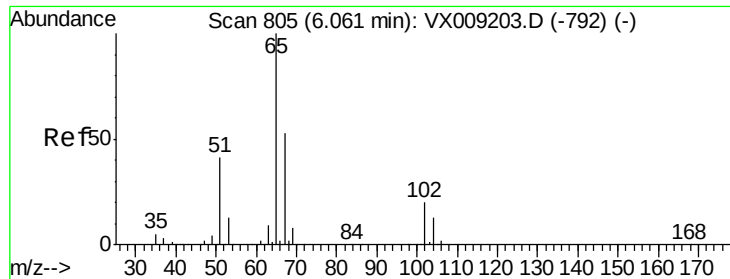
2000

1000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.201 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009224.D

Acq: 29 Apr 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

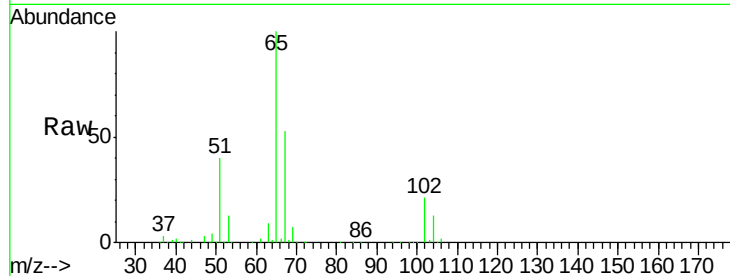
DUP-0514-190423DL

Tot Ion: 65 Resp: 141560

Ion Ratio Lower Upper

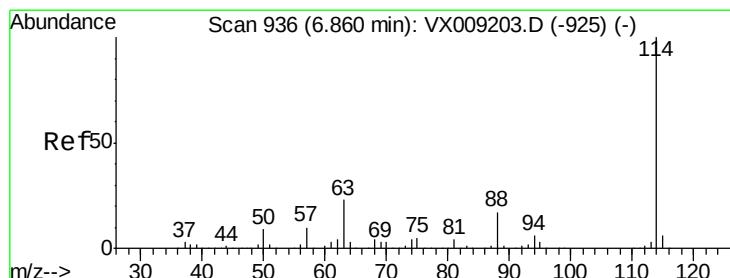
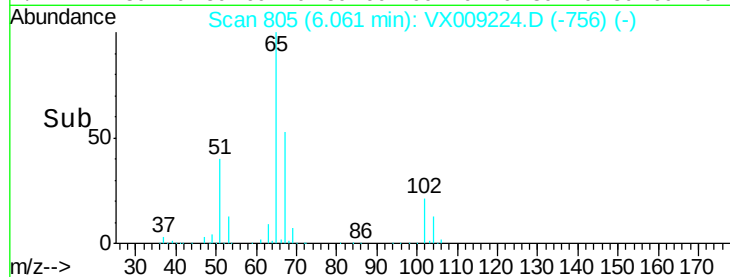
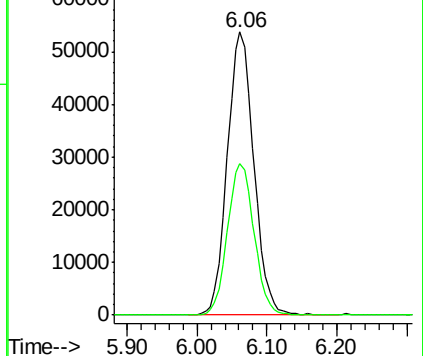
65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009224.D

Acq: 29 Apr 2019 21:49

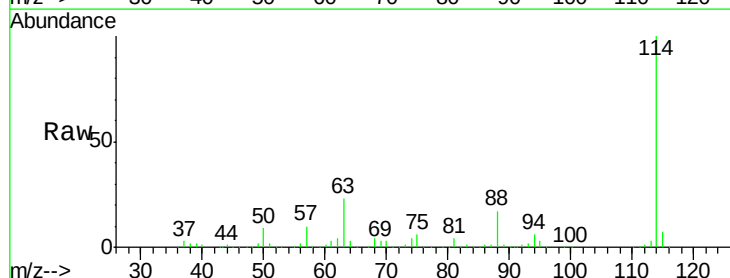
Tgt Ion: 114 Resp: 345263

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

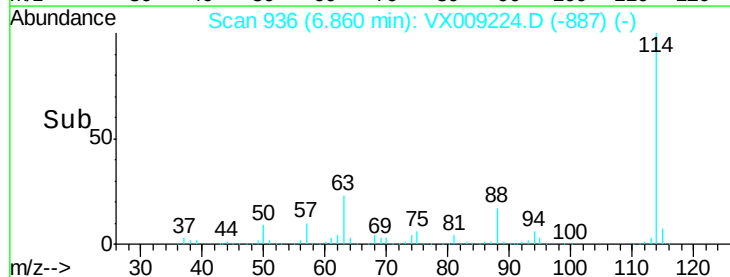
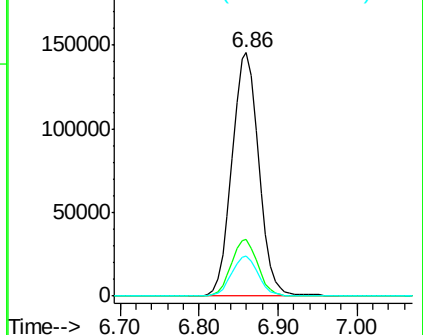
88 16.6 0.0 33.2

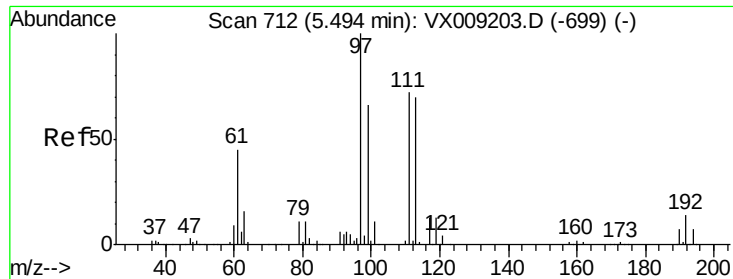


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

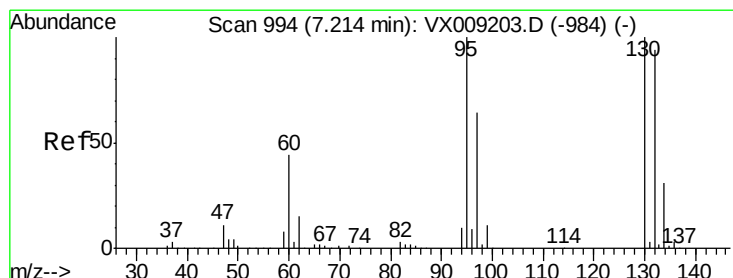
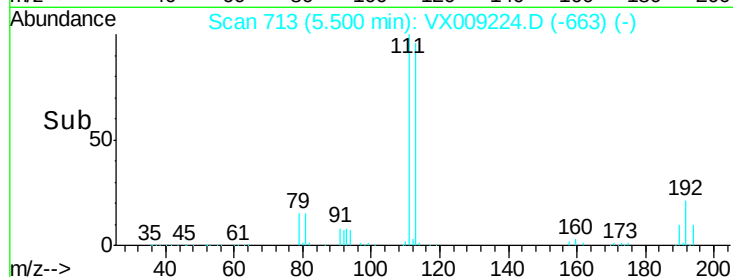
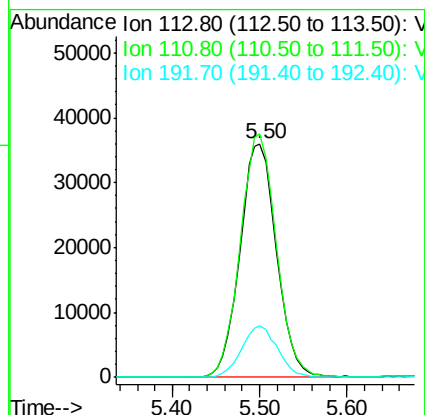
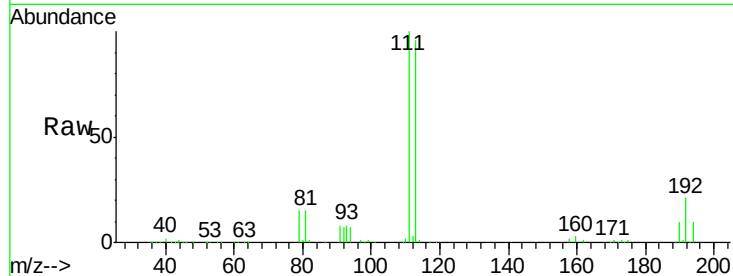




#35
 Dibromofluoromethane
 Concen: 48.091 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009224.D
 Acq: 29 Apr 2019 21:49

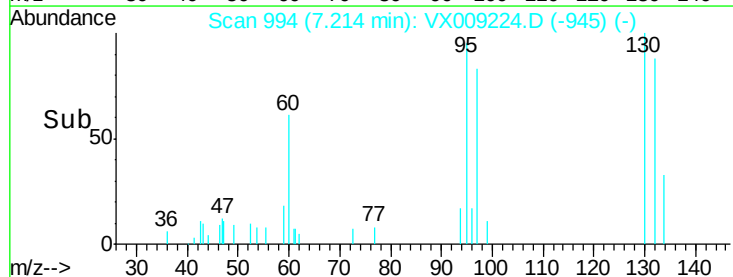
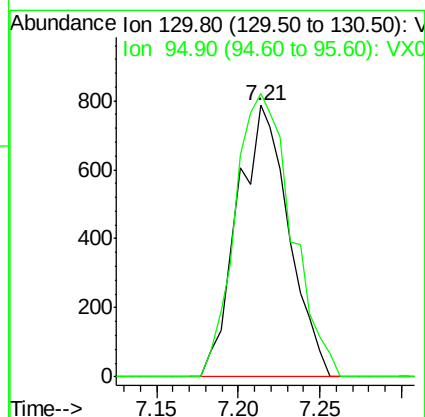
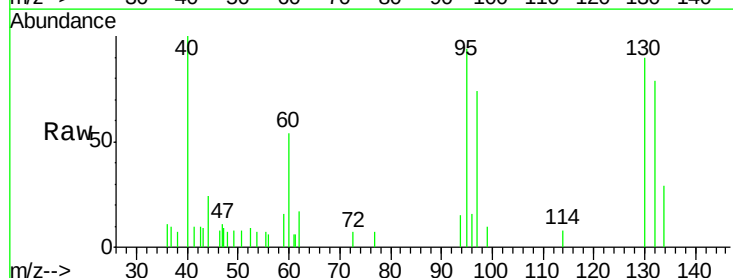
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423DL

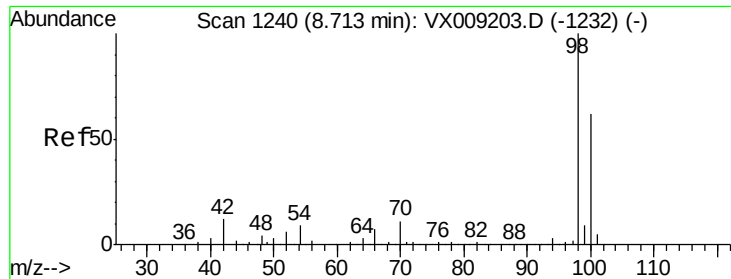
Tot Ion:113 Resp: 104380
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 21.8 17.0 25.6



#44
 Trichloroethene
 Concen: 0.720 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009224.D
 Acq: 29 Apr 2019 21:49

Tgt Ion:130 Resp: 1728
 Ion Ratio Lower Upper
 130 100
 95 104.3 0.0 199.2

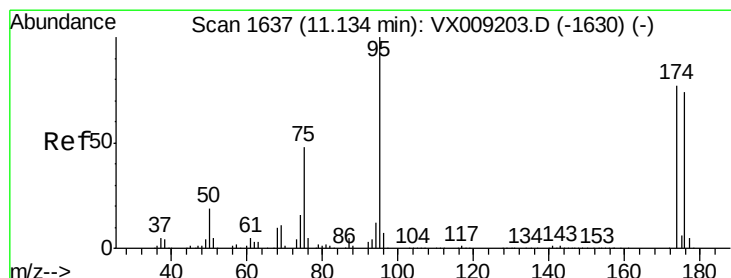
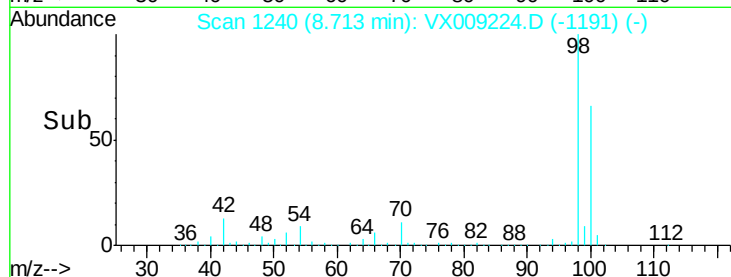
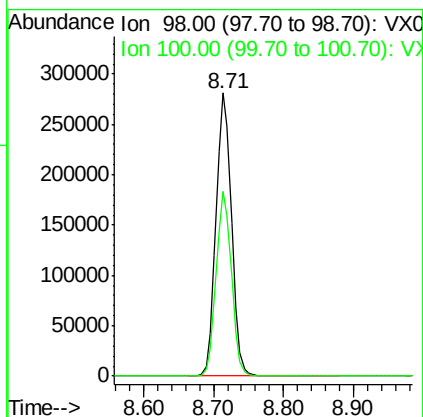
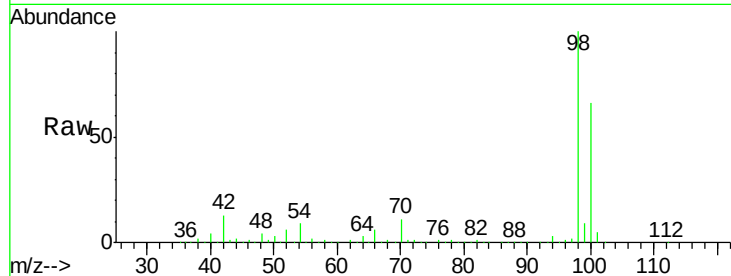




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009224.D
Acq: 29 Apr 2019 21:49

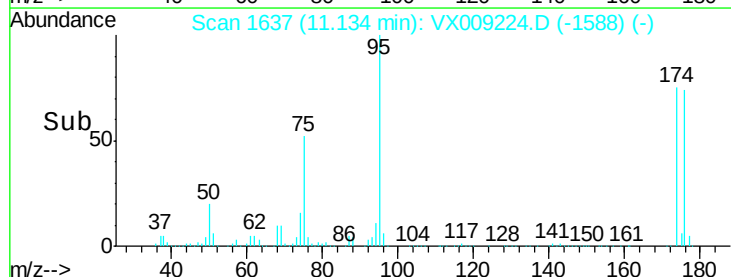
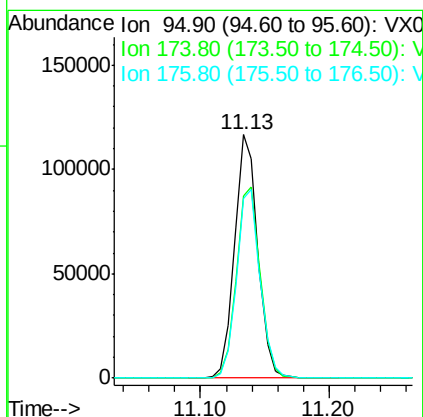
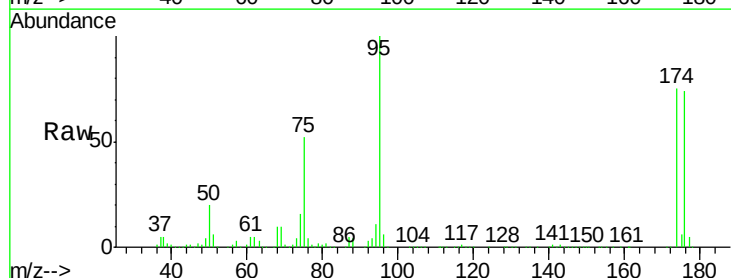
Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423DL

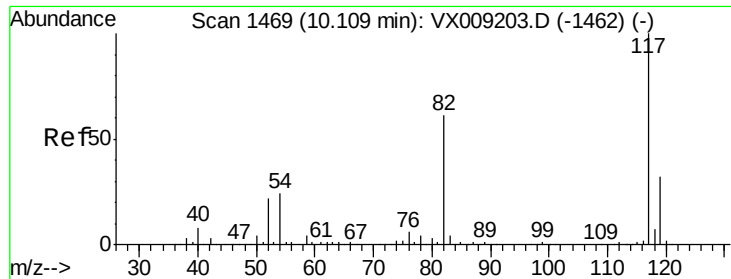
Tot Ion: 98 Resp: 434694
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.010 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009224.D
Acq: 29 Apr 2019 21:49

Tgt Ion: 95 Resp: 146497
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.6
176 78.5 0.0 159.2

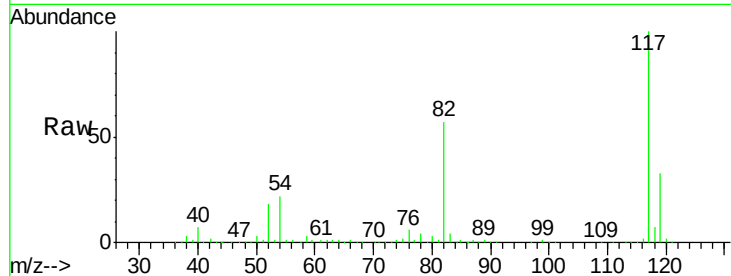




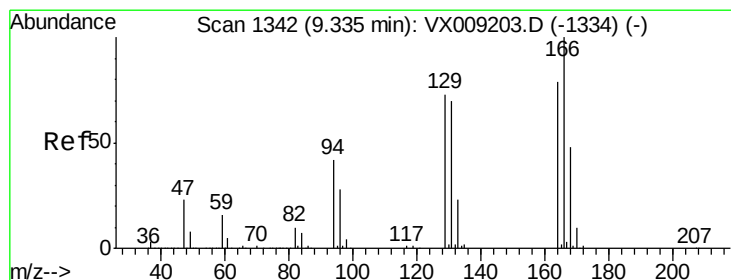
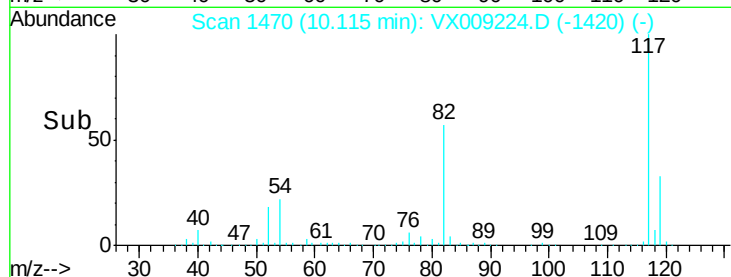
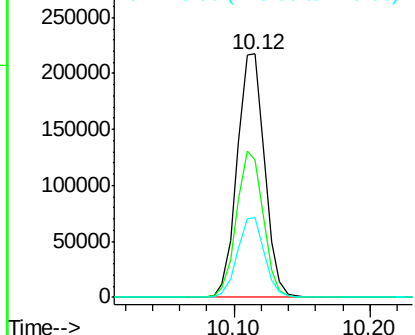
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009224.D
Acq: 29 Apr 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423DL

Tot Ion:117 Resp: 304880
Ion Ratio Lower Upper
117 100
82 56.6 48.8 73.2
119 32.6 25.8 38.6

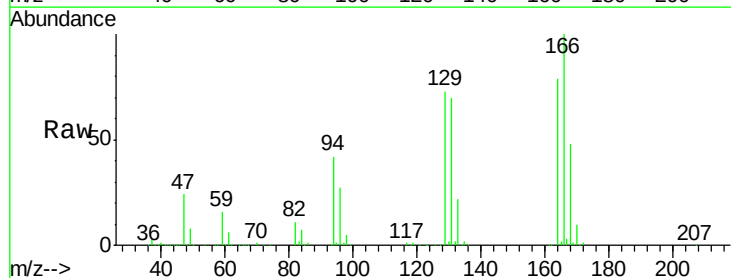


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

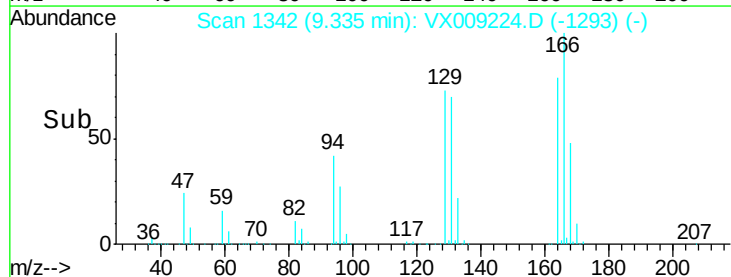
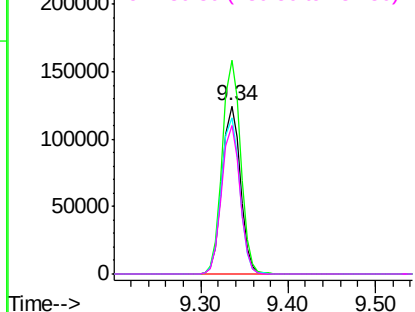


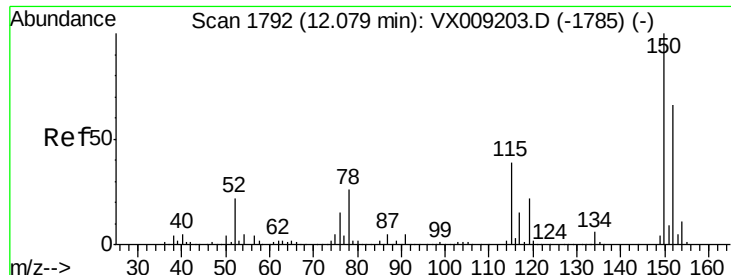
#64
Tetrachloroethene
Concen: 86.264 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009224.D
Acq: 29 Apr 2019 21:49

Tgt Ion:164 Resp: 180408
Ion Ratio Lower Upper
164 100
166 127.1 101.2 151.8
129 92.6 74.3 111.5
131 88.6 71.0 106.6



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: VX009224.D

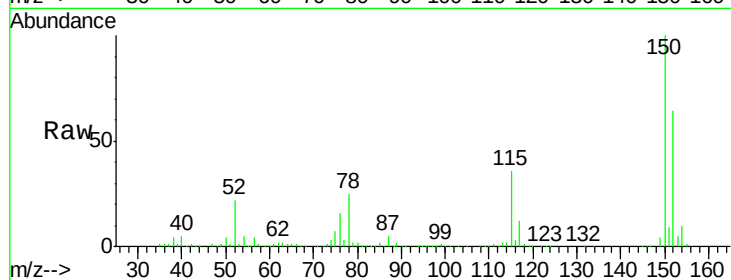
Acq: 29 Apr 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

DUP-0514-190423DL



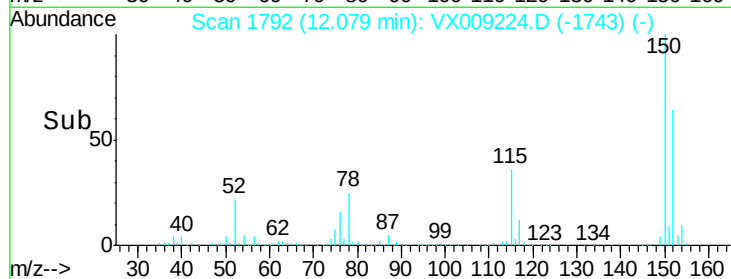
Tot Ion:152 Resp: 134116

Ion Ratio Lower Upper

152 100

115 58.2 41.2 123.6

150 156.2 0.0 346.4



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

