

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009284.D
 Acq On : 02 May 2019 19:35
 Operator : JC/SP
 Sample : K2659-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0516-190429

Quant Time: May 03 03:59:12 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

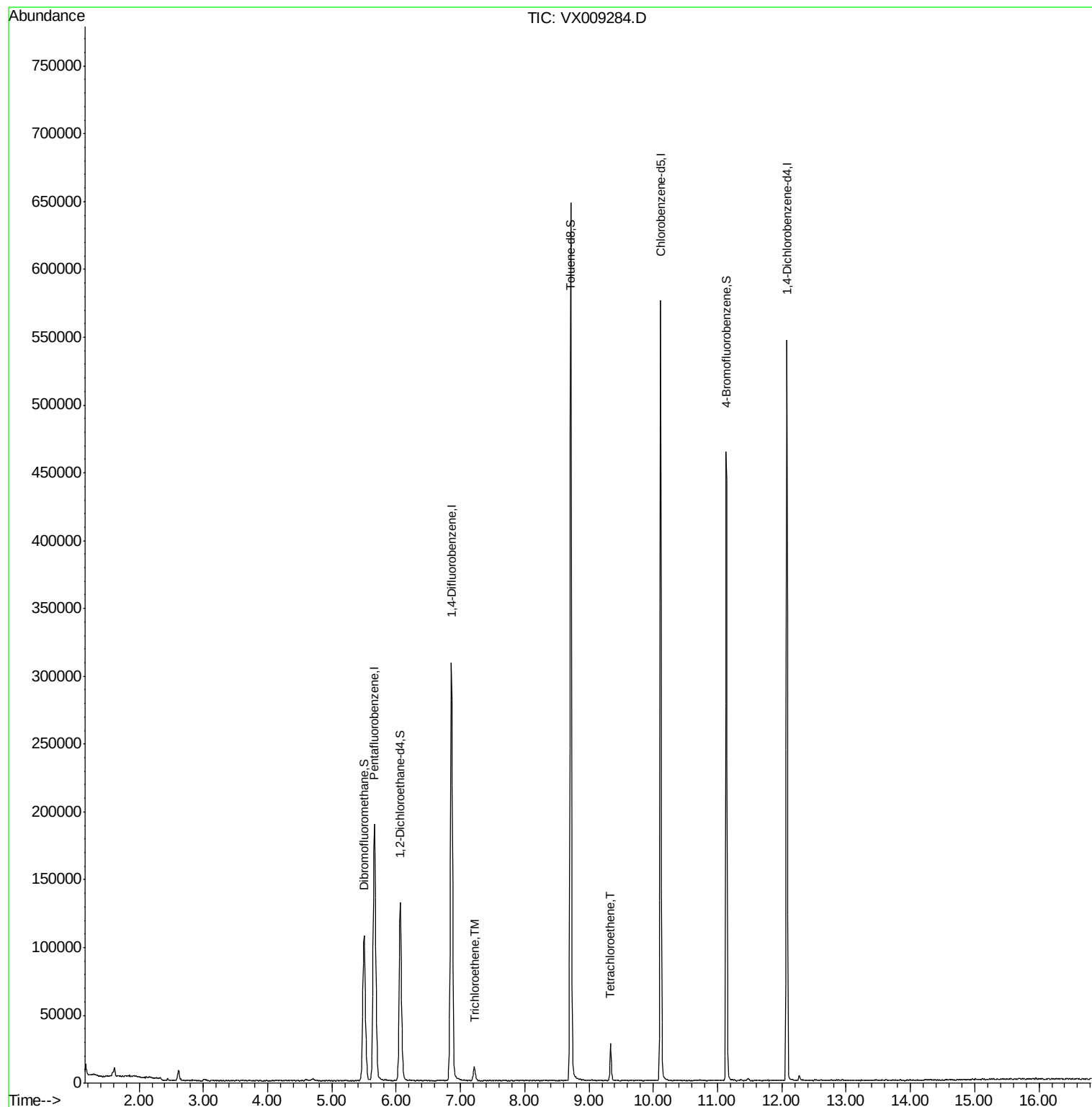
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125151	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	92209	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	377731	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	122647	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
44) Trichloroethene	7.21	130	3923	1.877	ug/l	97
64) Tetrachloroethene	9.34	164	5336	2.955	ug/l	91

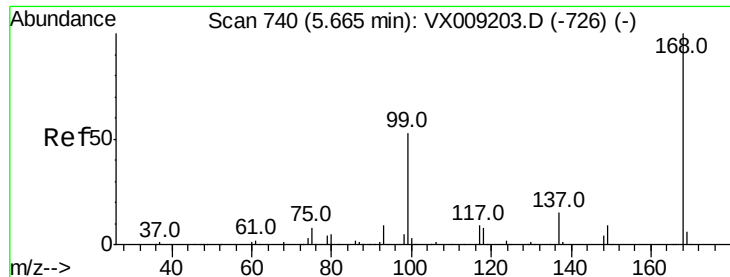
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009284.D

Acq: 02 May 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

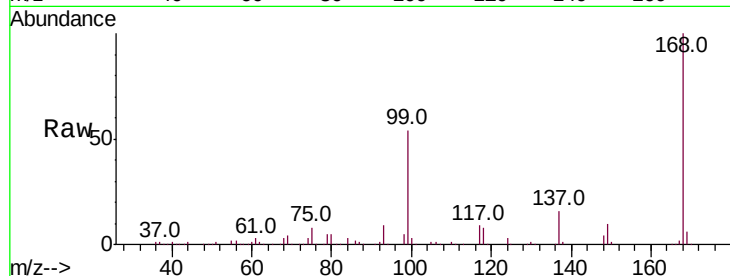
DUP-0516-190429

Tot Ion:168 Resp: 186876

Ion Ratio Lower Upper

168 100

99 54.0 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

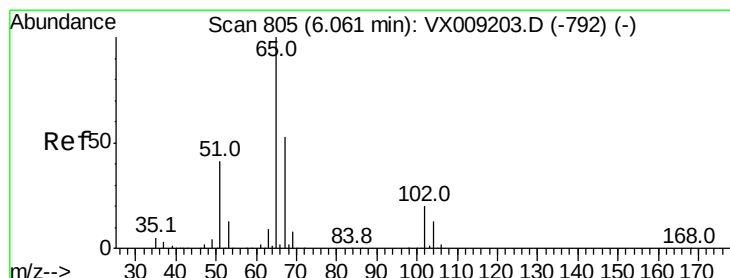
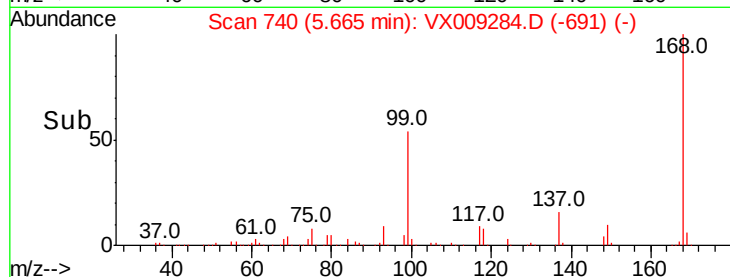
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.058 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009284.D

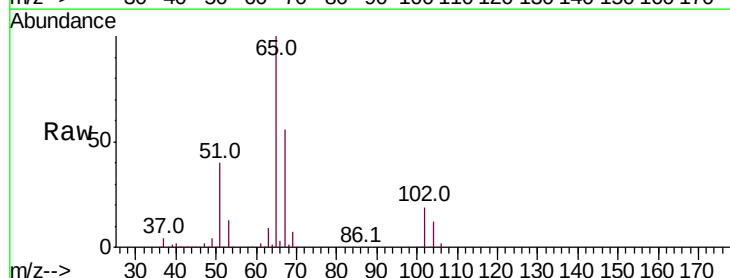
Acq: 02 May 2019 19:35

Tgt Ion: 65 Resp: 125151

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

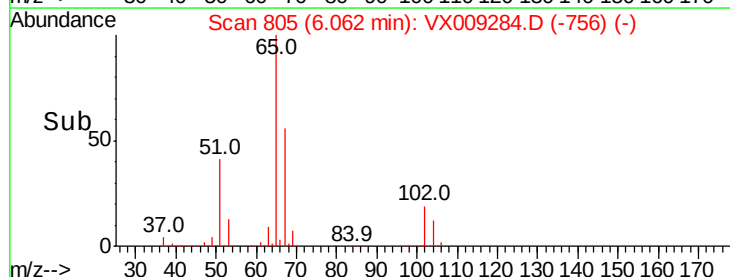
30000

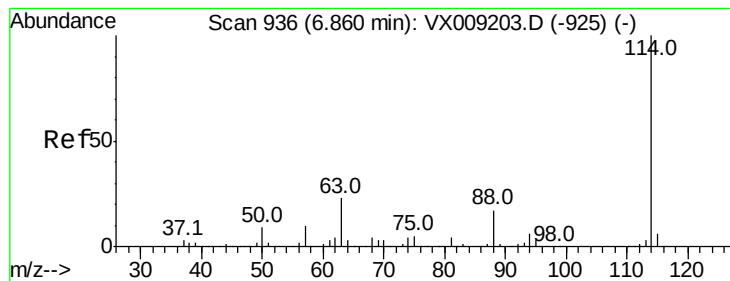
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009284.D

Acq: 02 May 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

DUP-0516-190429

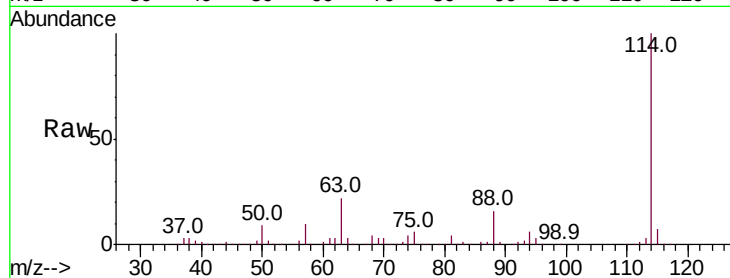
Tot Ion:114 Resp: 300590

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

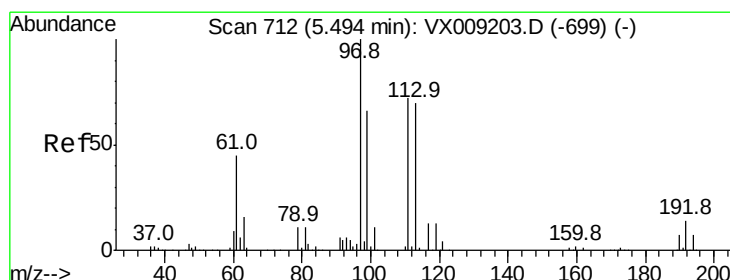
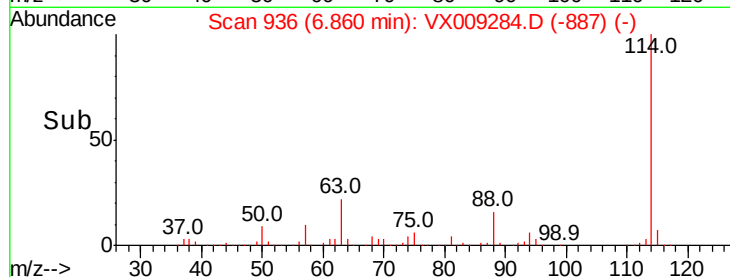
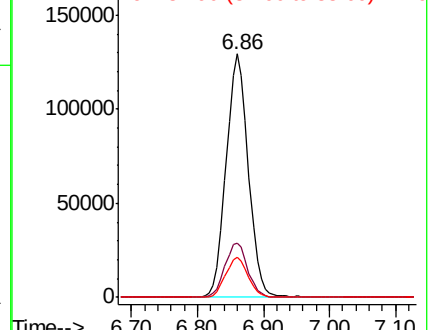
88 16.3 0.0 33.2



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: 48.797 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009284.D

Acq: 02 May 2019 19:35

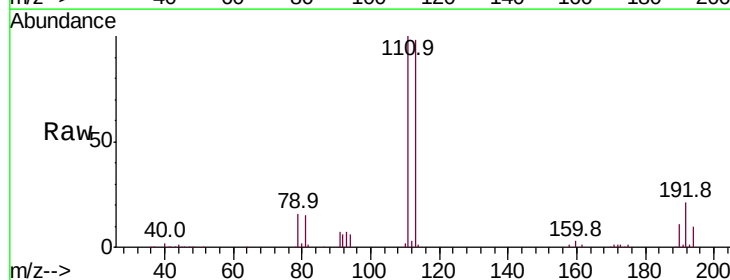
Tgt Ion:113 Resp: 92209

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

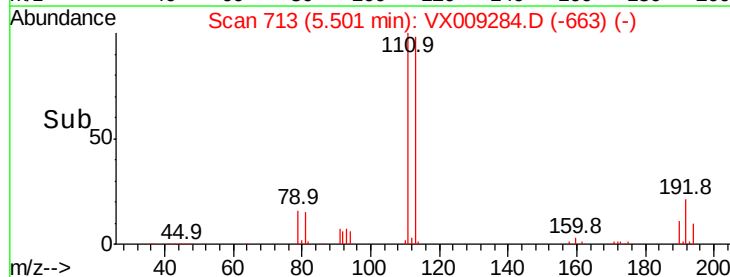
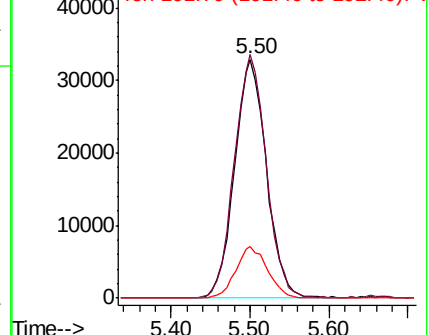
192 21.7 17.0 25.6

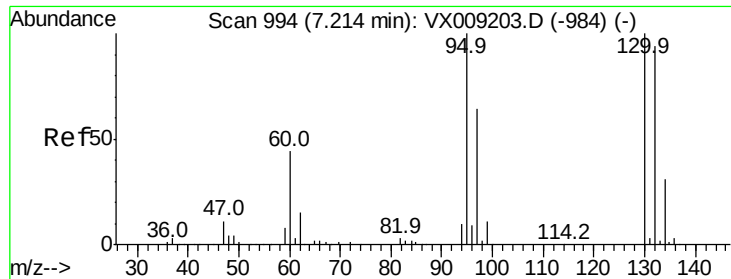


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

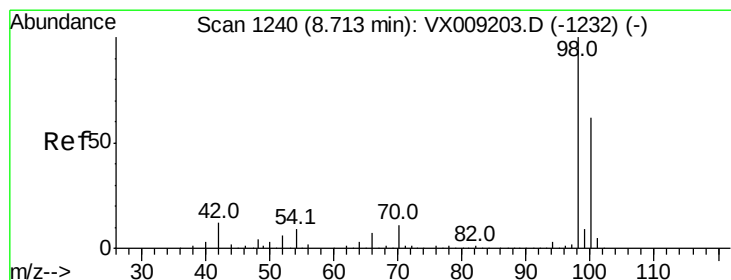
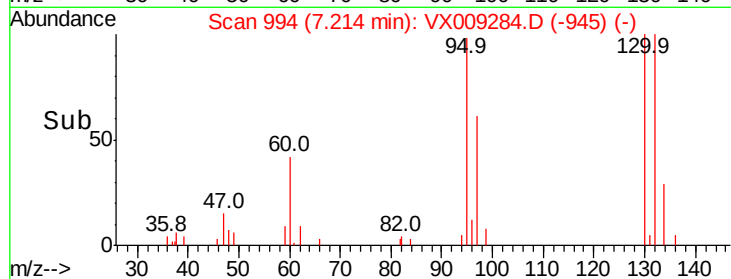
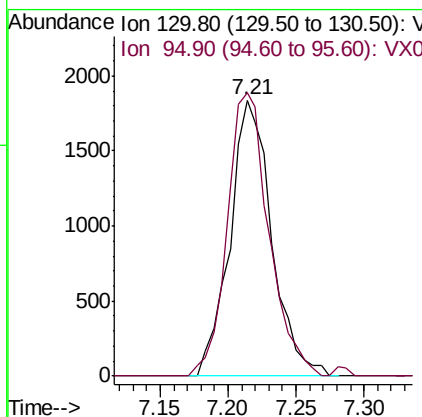
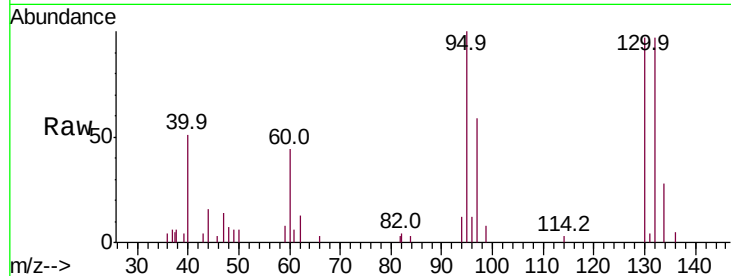




#44
 Trichloroethene
 Concen: 1.877 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009284.D
 Acq: 02 May 2019 19:35

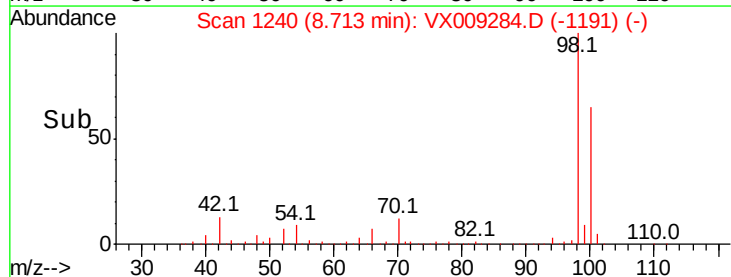
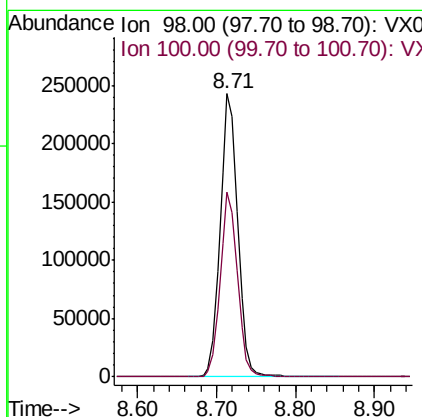
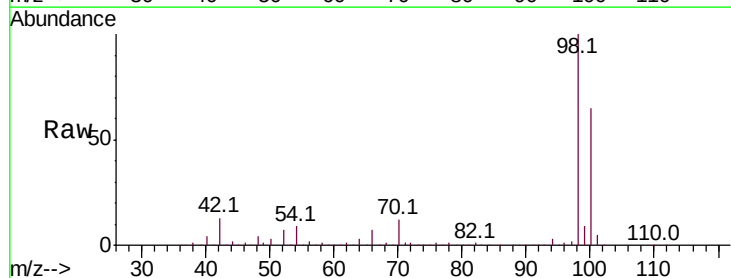
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0516-190429

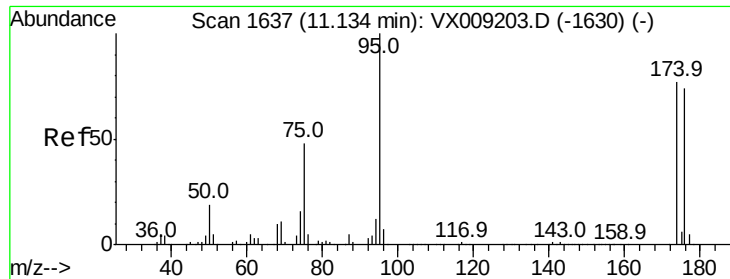
Tot Ion:130 Resp: 3923
 Ion Ratio Lower Upper
 130 100
 95 102.6 0.0 199.2



#50
 Toluene-d8
 Concen: 49.513 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009284.D
 Acq: 02 May 2019 19:35

Tgt Ion: 98 Resp: 377731
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.244 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009284.D

Acq: 02 May 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

DUP-0516-190429

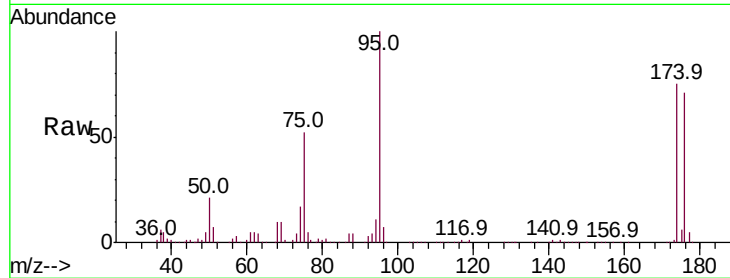
Tot Ion: 95 Resp: 122647

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

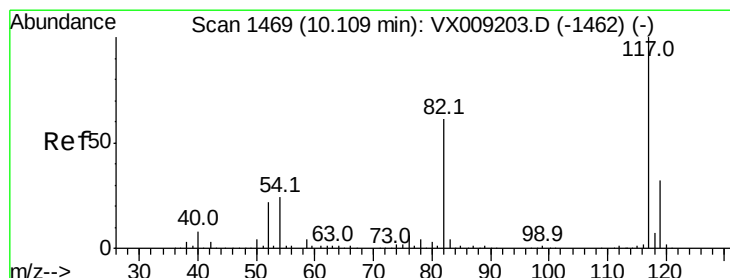
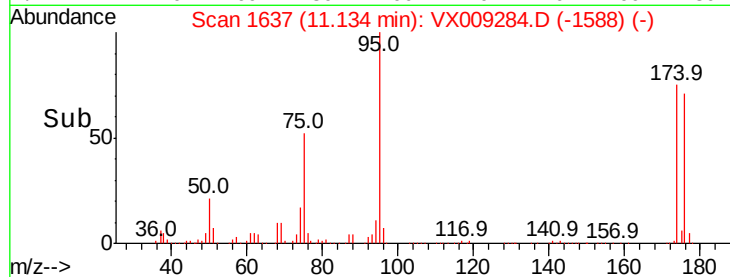
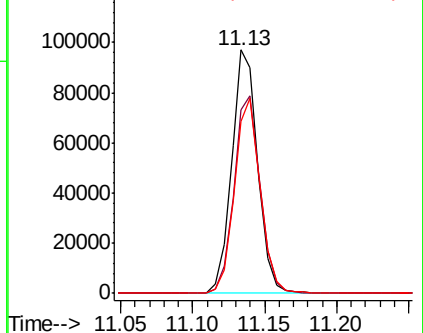
176 79.3 0.0 159.2



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009284.D

Acq: 02 May 2019 19:35

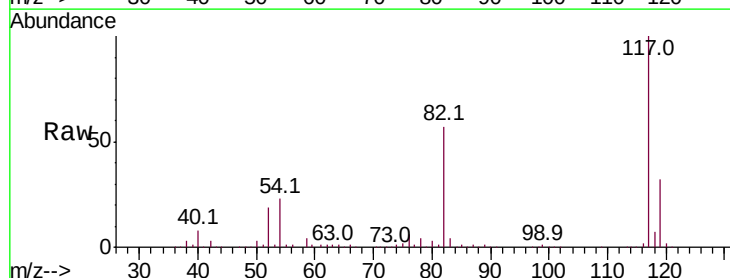
Tgt Ion: 117 Resp: 263217

Ion Ratio Lower Upper

117 100

82 57.0 48.8 73.2

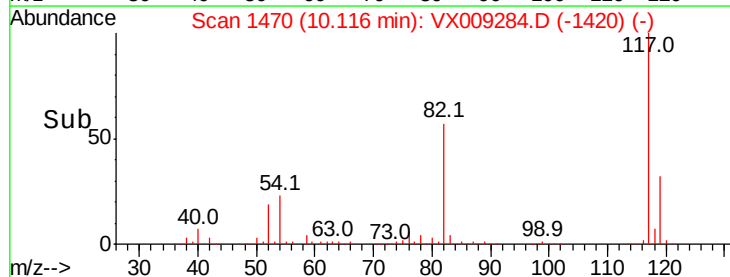
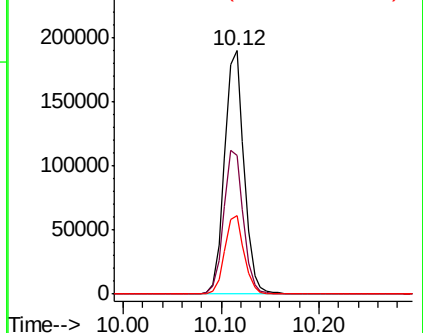
119 32.4 25.8 38.6

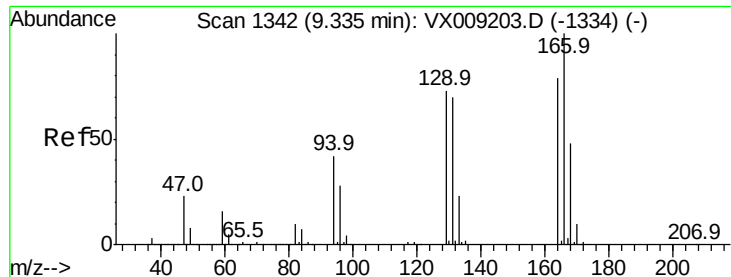


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

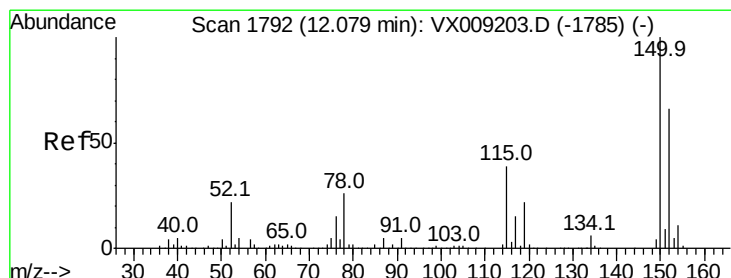
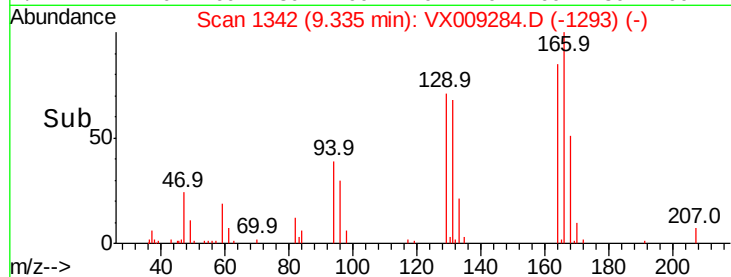
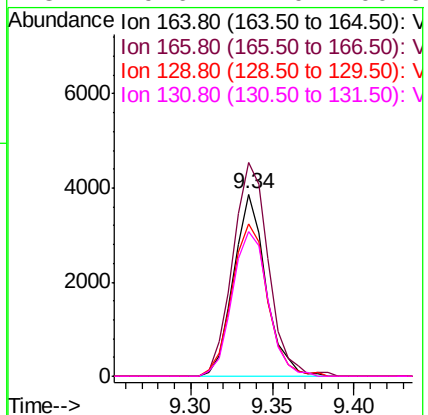
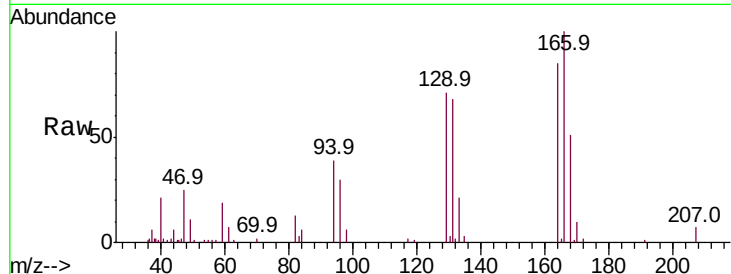




#64
Tetrachloroethene
Concen: 2.955 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009284.D
Acq: 02 May 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
DUP-0516-190429

Tot Ion:164 Resp: 5336
Ion Ratio Lower Upper
164 100
166 117.3 101.2 151.8
129 83.5 74.3 111.5
131 79.6 71.0 106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009284.D
Acq: 02 May 2019 19:35

Tgt Ion:152 Resp: 108696
Ion Ratio Lower Upper
152 100
115 59.8 41.2 123.6
150 159.4 0.0 346.4

