

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009325.D
 Acq On : 03 May 2019 21:20
 Operator : JC/SP
 Sample : K2687-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0520-190502

Quant Time: May 04 06:40:13 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

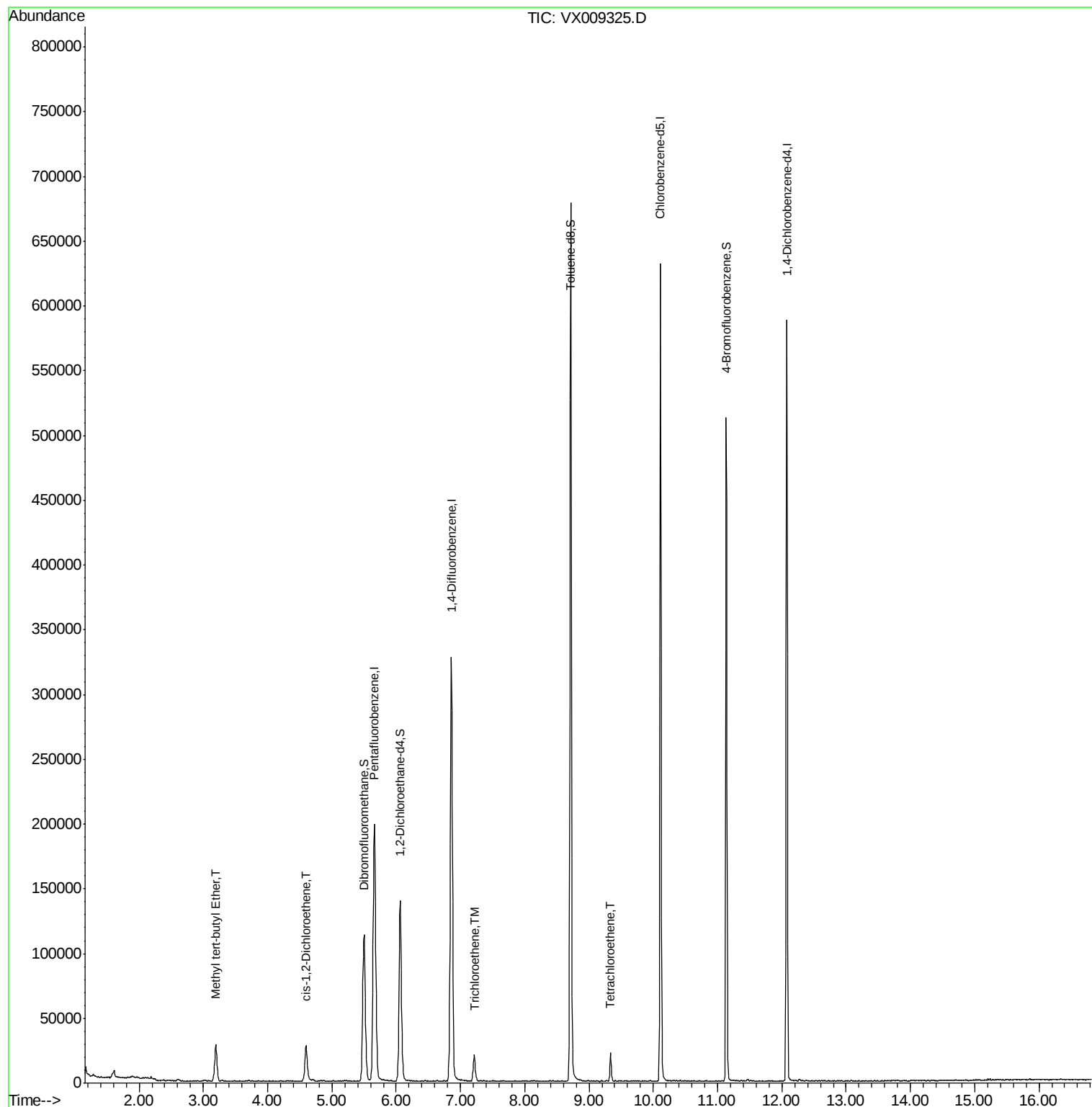
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	132158	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	97226	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	399581	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	133993	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	30426	4.229	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	16272	6.785	ug/l	91
44) Trichloroethene	7.21	130	7770	3.502	ug/l	96
64) Tetrachloroethene	9.34	164	4324	2.249	ug/l	97

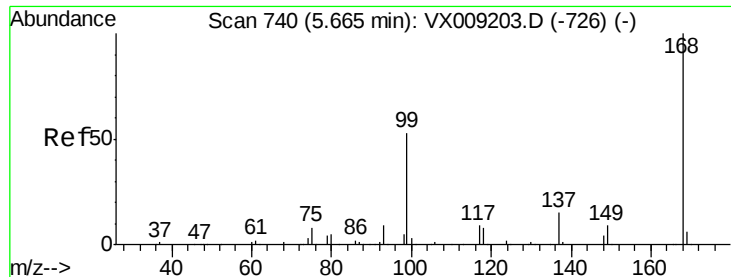
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009325.D

Acq: 03 May 2019 21:20

Instrument :

MSVOA_X

ClientSampleId :

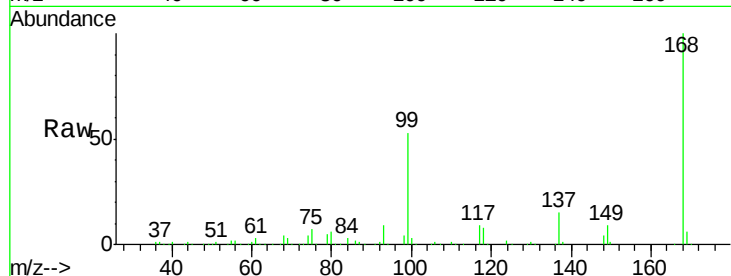
DUP-0520-190502

Tot Ion:168 Resp: 197442

Ion Ratio Lower Upper

168 100

99 52.8 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

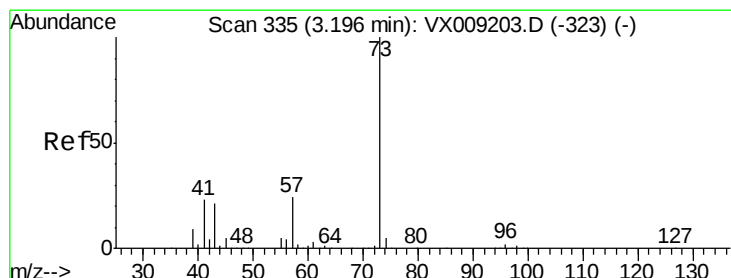
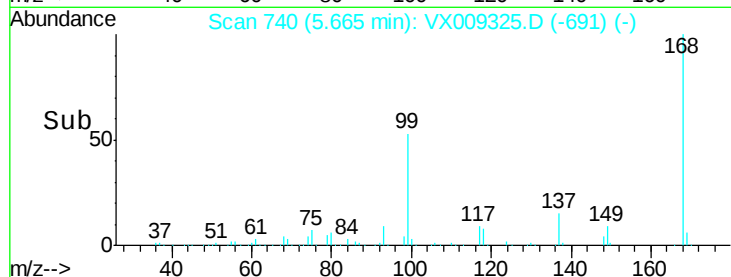
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 4.229 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX009325.D

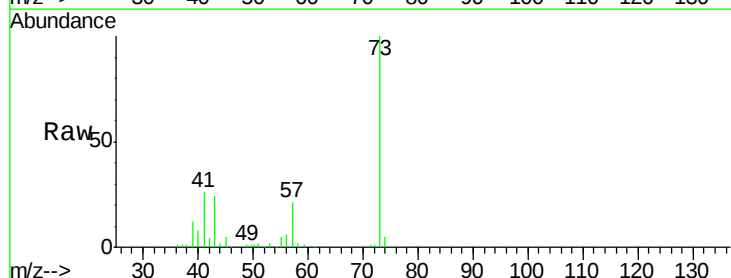
Acq: 03 May 2019 21:20

Tgt Ion: 73 Resp: 30426

Ion Ratio Lower Upper

73 100

57 21.5 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

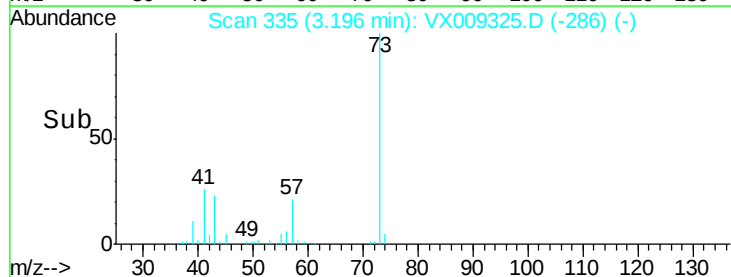
15000

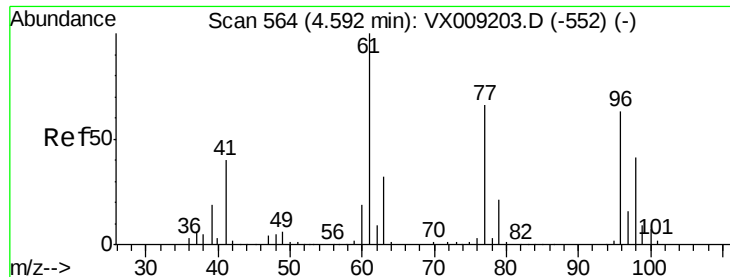
10000

5000

0

Time--> 3.10 3.20 3.30



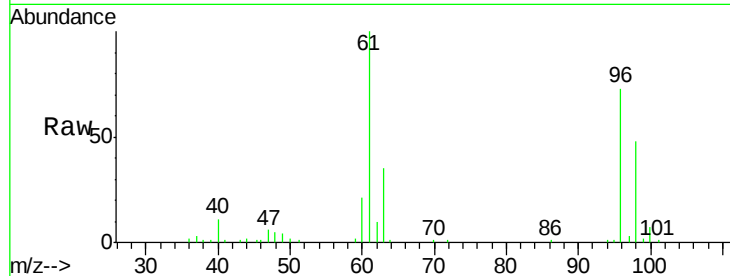


#27

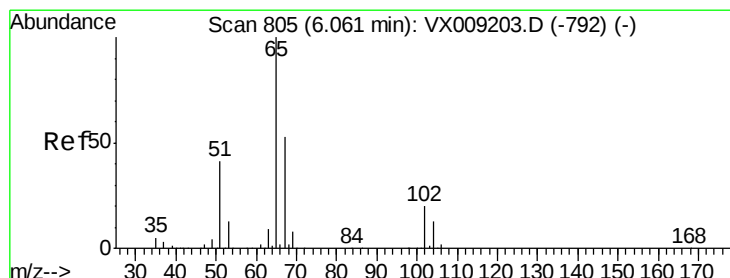
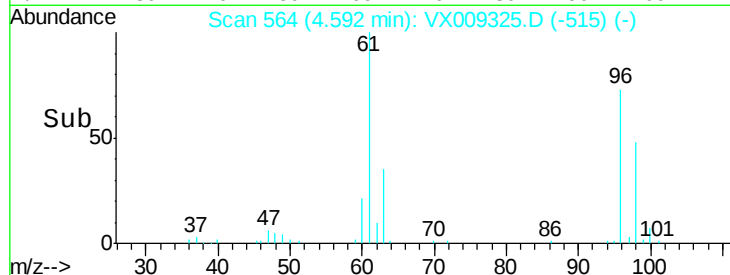
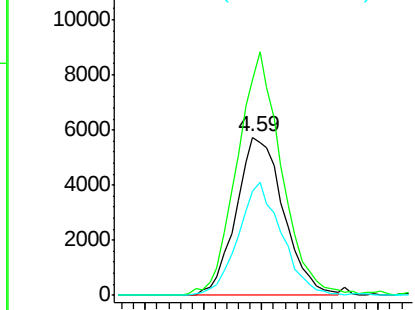
cis-1,2-Dichloroethene
Concen: 6.785 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009325.D
Acq: 03 May 2019 21:20

Instrument :
MSVOA_X
ClientSampleId :
DUP-0520-190502

Tot Ion: 96 Resp: 16272
Ion Ratio Lower Upper
96 100
61 144.7 0.0 324.0
98 65.6 0.0 130.4



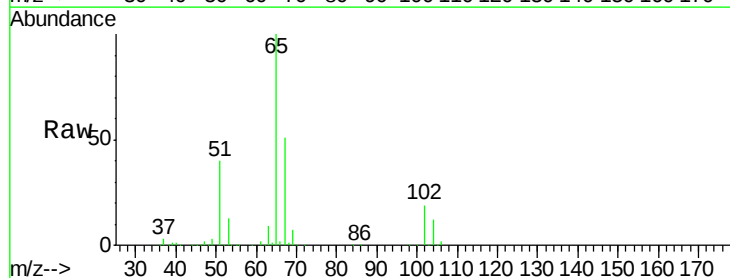
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



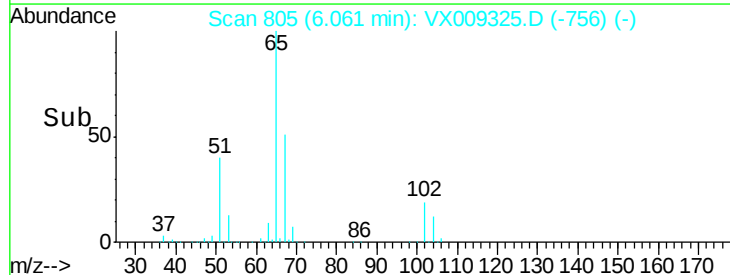
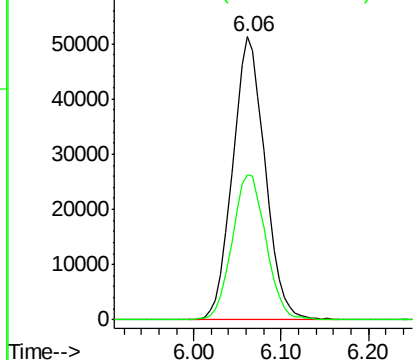
#33

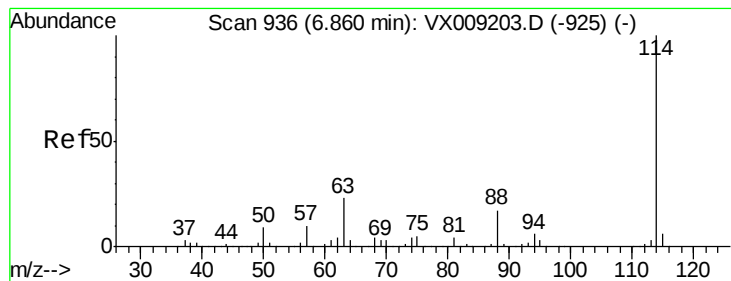
1,2-Dichloroethane-d4
Concen: 49.032 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009325.D
Acq: 03 May 2019 21:20

Tgt Ion: 65 Resp: 132158
Ion Ratio Lower Upper
65 100
67 53.4 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: VX009325.D

Acq: 03 May 2019 21:20

Instrument :

MSVOA_X

ClientSampleId :

DUP-0520-190502

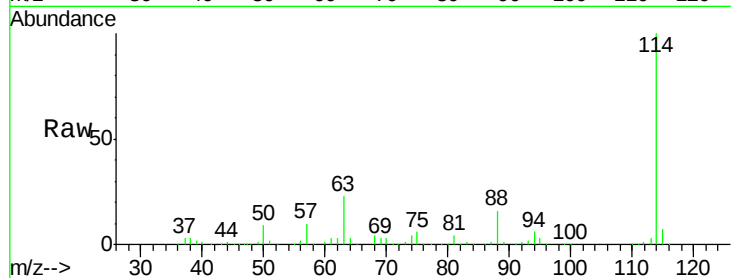
Tot Ion:114 Resp: 319111

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

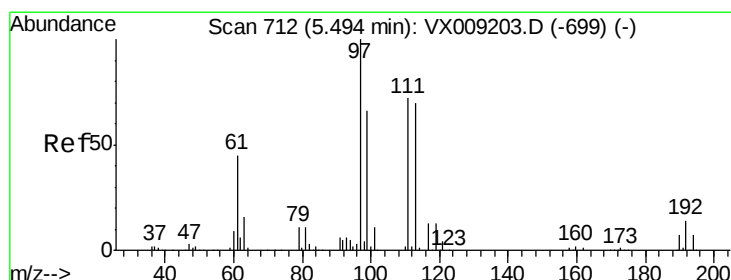
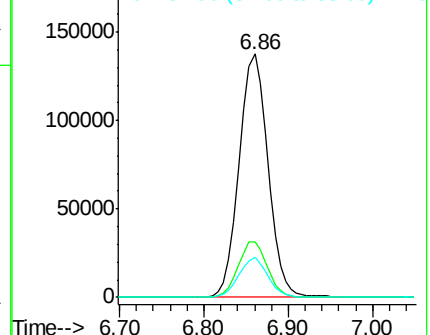
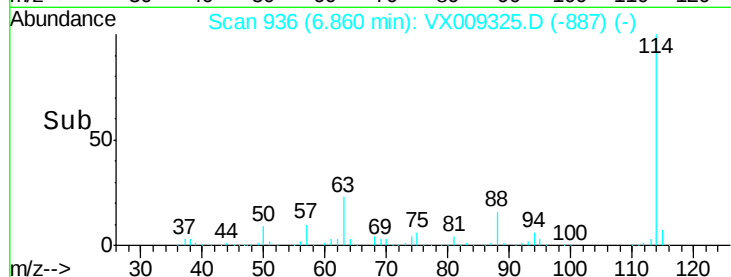
88 16.3 0.0 33.2



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: 48.466 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009325.D

Acq: 03 May 2019 21:20

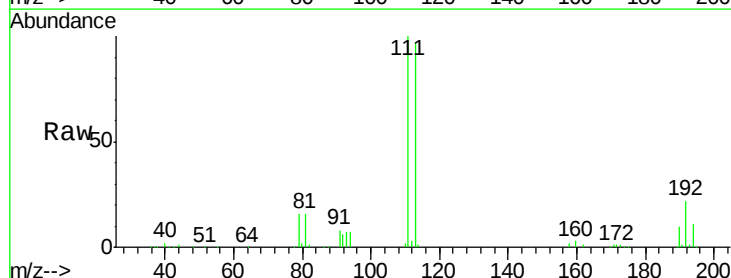
Tgt Ion:113 Resp: 97226

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

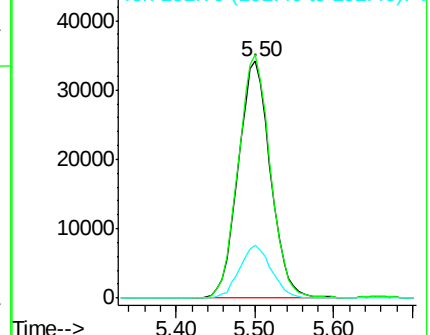
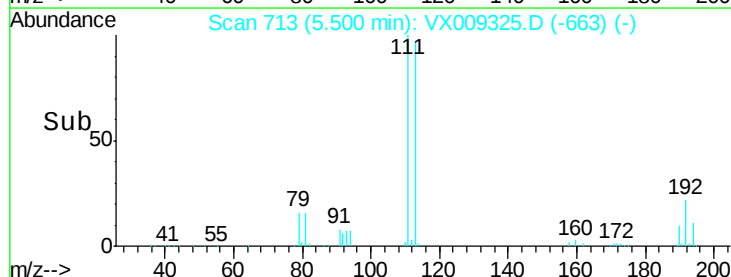
192 22.2 17.0 25.6

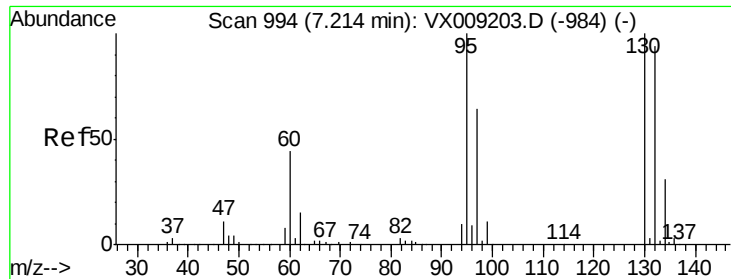


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

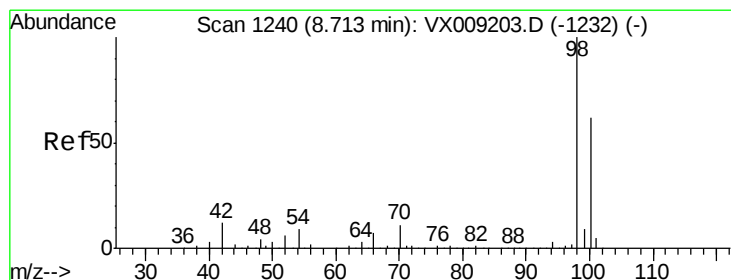
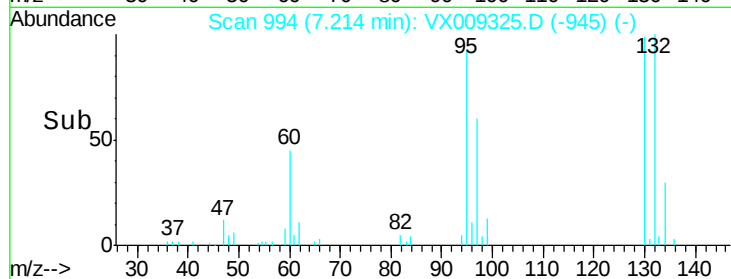
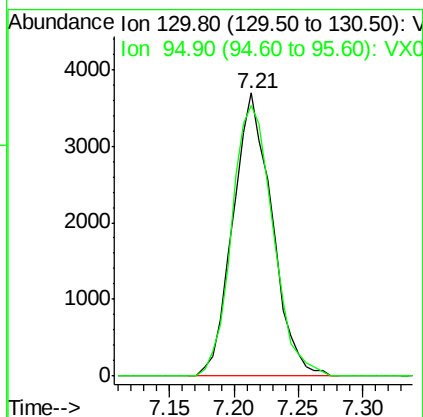
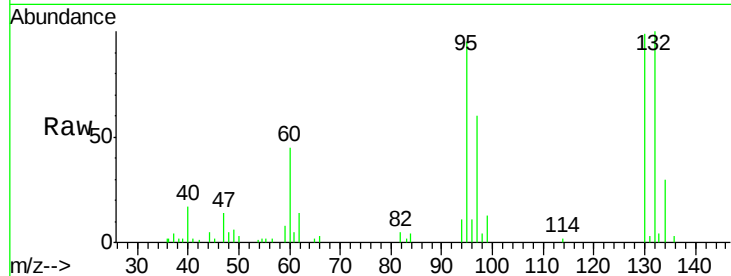




#44
 Trichloroethene
 Concen: 3.502 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009325.D
 Acq: 03 May 2019 21:20

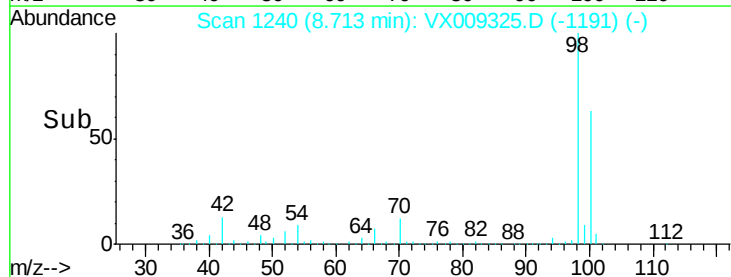
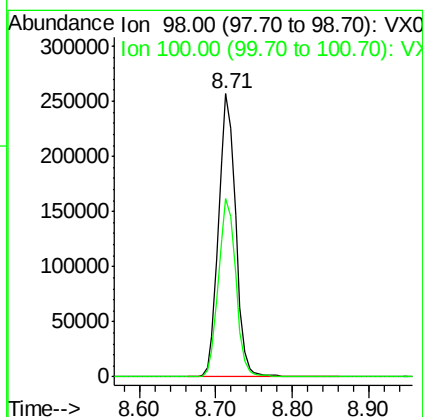
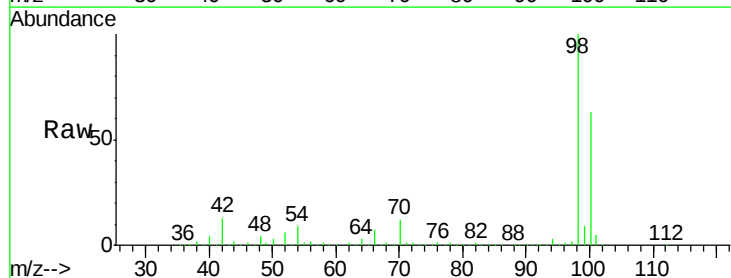
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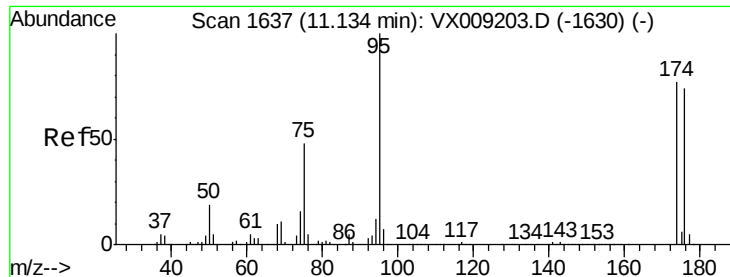
Tot Ion:130 Resp: 7770
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 199.2



#50
 Toluene-d8
 Concen: 49.337 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009325.D
 Acq: 03 May 2019 21:20

Tgt Ion: 98 Resp: 399581
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8

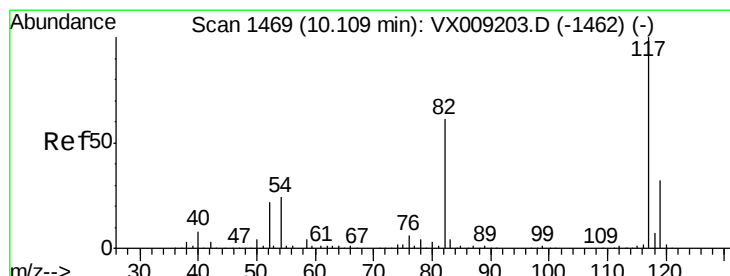
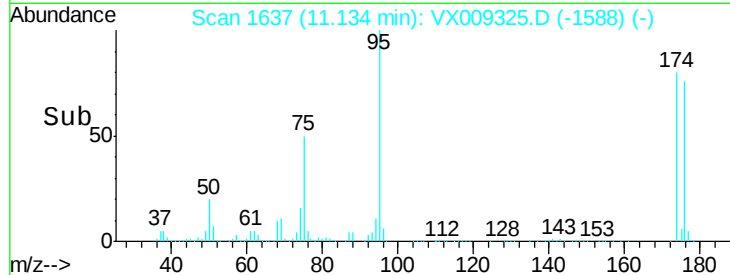
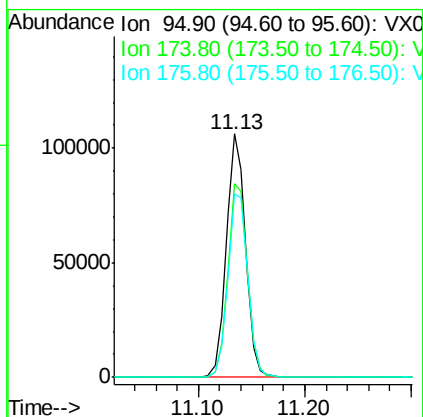
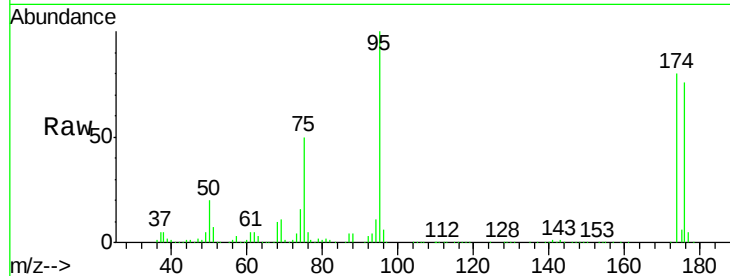




#62
4-Bromofluorobenzene
Concen: 45.532 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009325.D
Acq: 03 May 2019 21:20

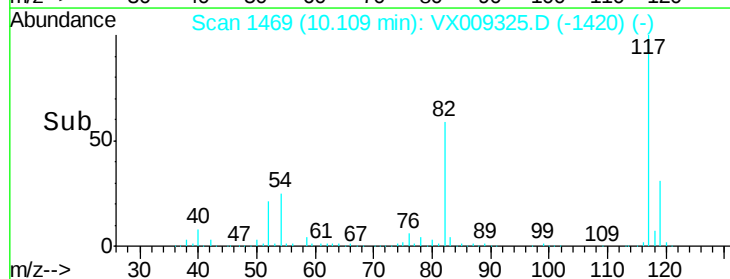
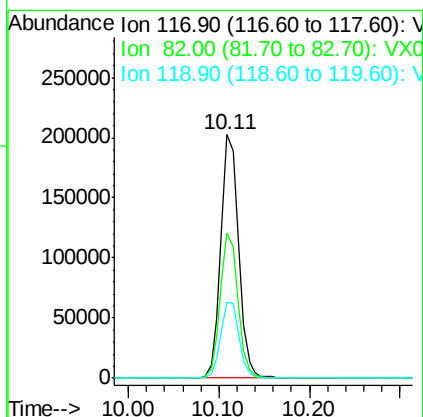
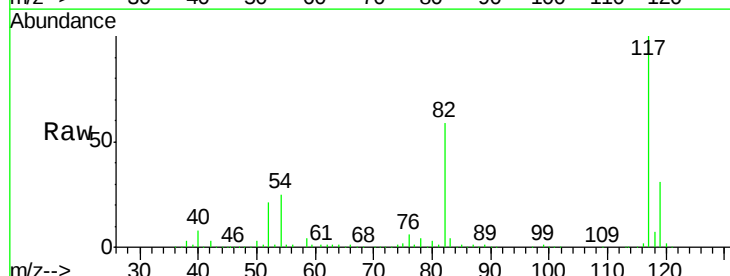
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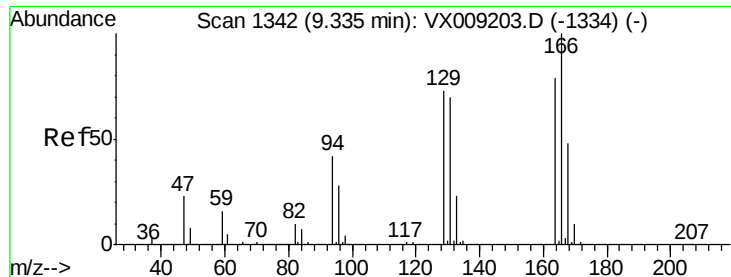
Tot Ion: 95 Resp: 133993
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.6
176 78.6 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009325.D
Acq: 03 May 2019 21:20

Tgt Ion: 117 Resp: 280230
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.2 25.8 38.6

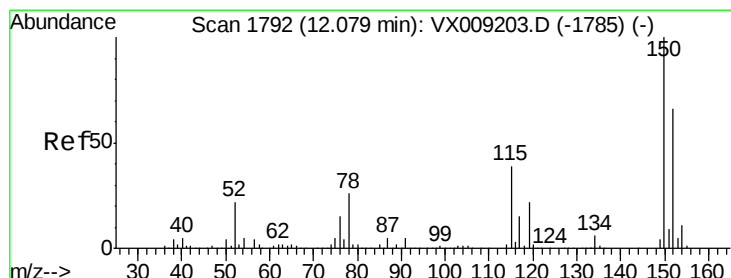
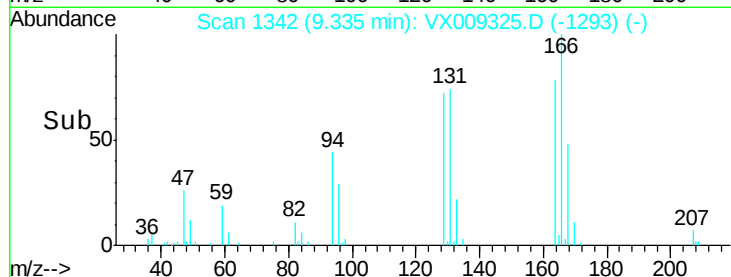
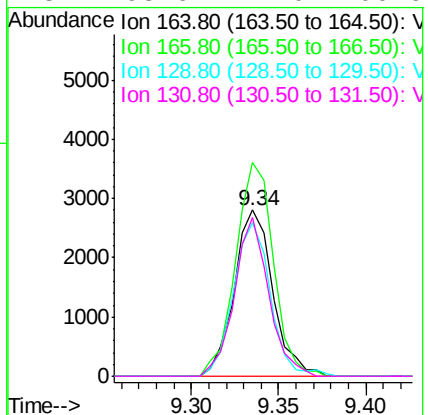
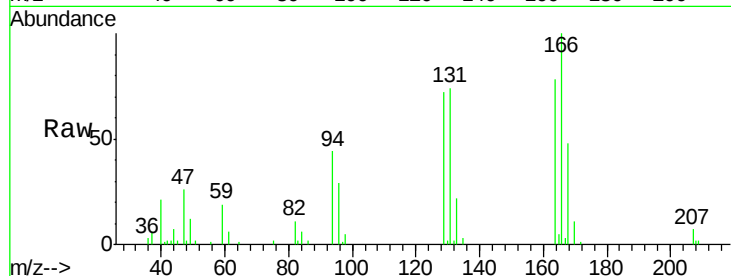




#64
Tetrachloroethene
Concen: 2.249 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009325.D
Acq: 03 May 2019 21:20

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:164 Resp: 4324
Ion Ratio Lower Upper
164 100
166 128.8 101.2 151.8
129 92.9 74.3 111.5
131 95.6 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: VX009325.D
Acq: 03 May 2019 21:20

Tgt Ion:152 Resp: 118769
Ion Ratio Lower Upper
152 100
115 60.0 41.2 123.6
150 159.4 0.0 346.4

