

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009022.D
 Acq On : 17 Apr 2019 18:07
 Operator : JC/SP
 Sample : K2448-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0509-190415

Quant Time: Apr 18 03:26:27 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

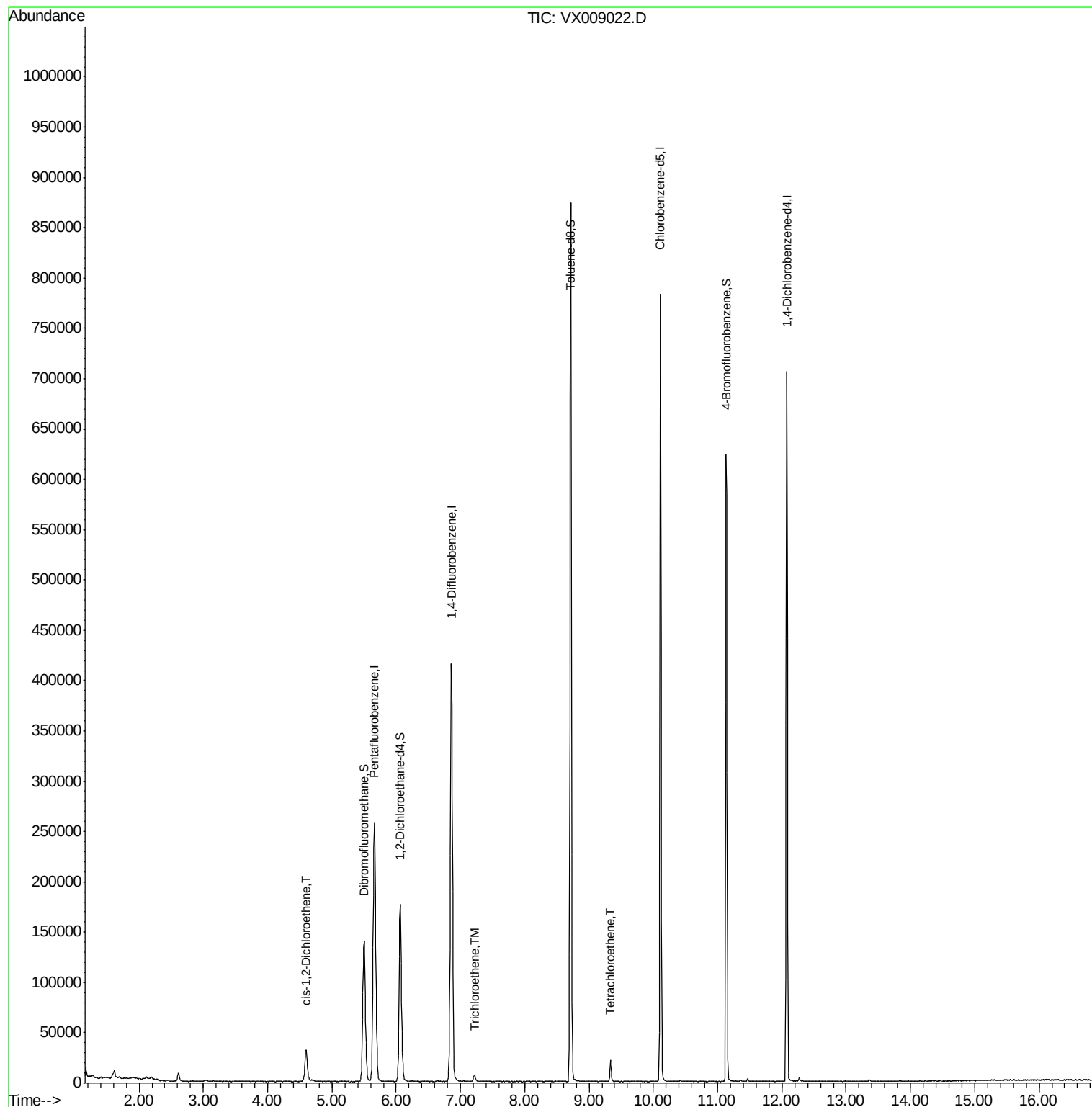
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	164733	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	120763	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	503752	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.13	95	166390	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	19509	5.952	ug/l	89
44) Trichloroethene	7.22	130	2259	0.746	ug/l	86
64) Tetrachloroethene	9.34	164	3805	1.440	ug/l	96

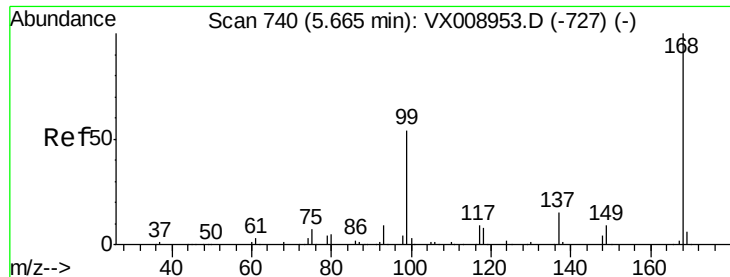
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009022.D

Acq: 17 Apr 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

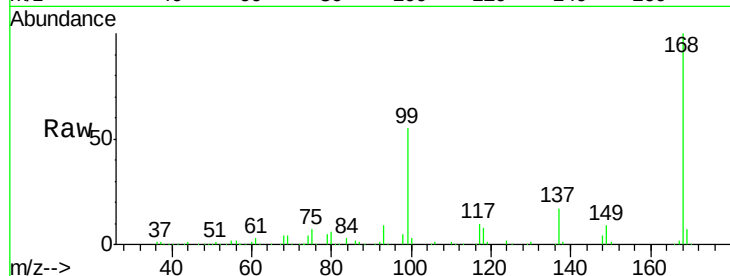
DUP-0509-190415

Tot Ion:168 Resp: 252374

Ion Ratio Lower Upper

168 100

99 54.9 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

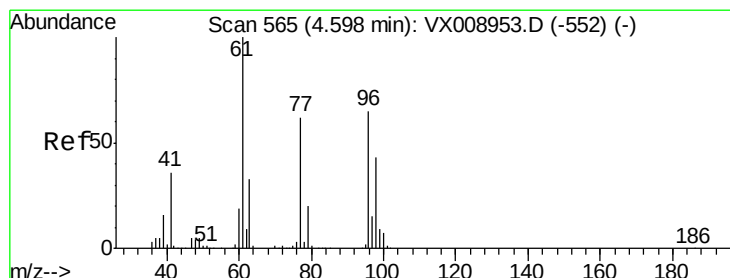
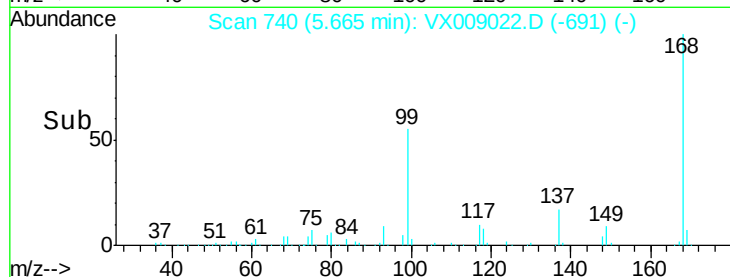
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 5.952 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009022.D

Acq: 17 Apr 2019 18:07

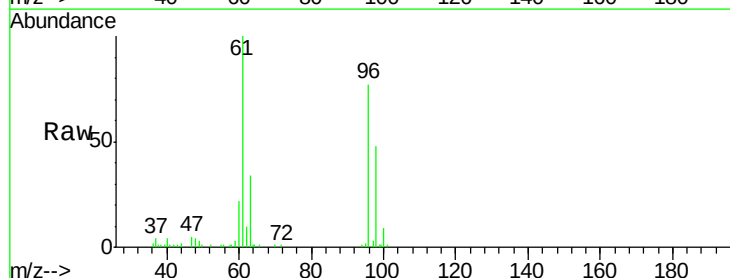
Tgt Ion: 96 Resp: 19509

Ion Ratio Lower Upper

96 100

61 142.1 0.0 322.0

98 65.2 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

12000

10000

8000

6000

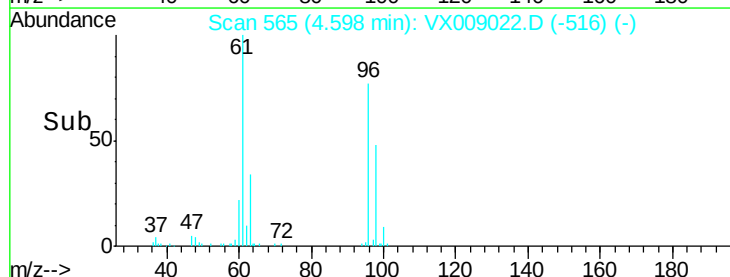
4000

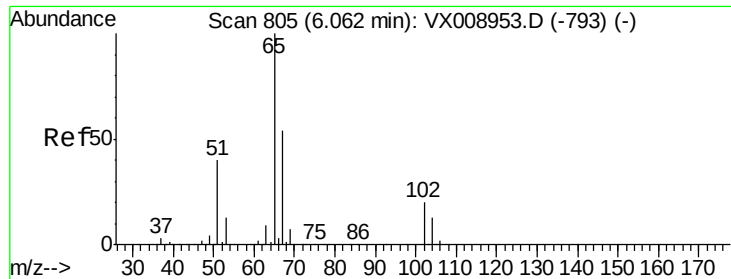
2000

0

Time-->

4.50 4.55 4.60 4.65 4.70

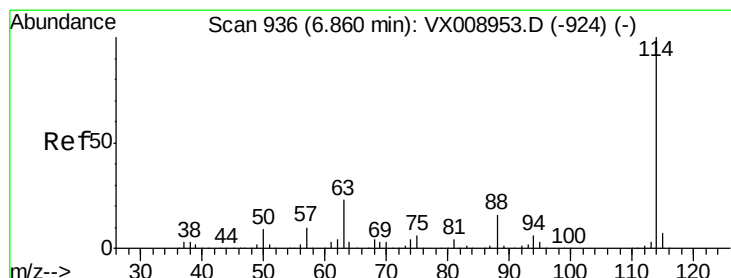
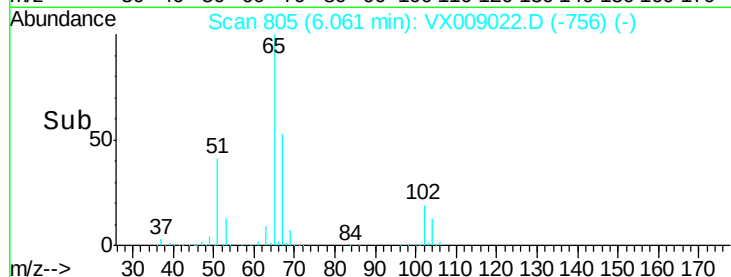
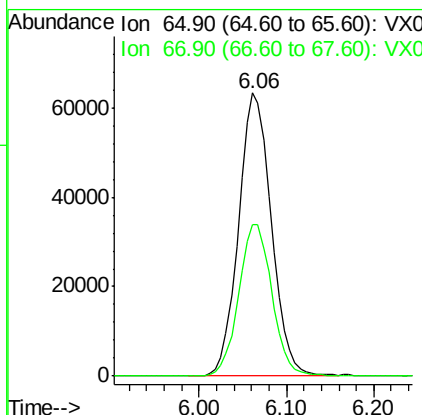
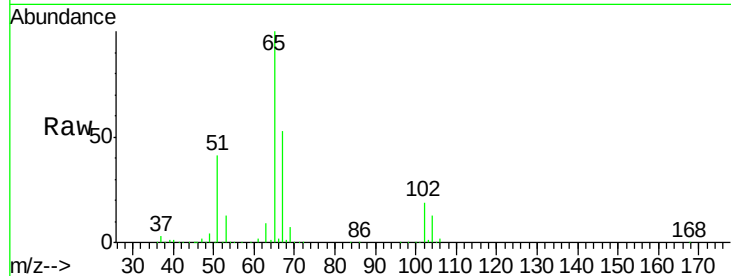




#33
 1,2-Dichloroethane-d4
 Concen: 46.317 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009022.D
 Acq: 17 Apr 2019 18:07

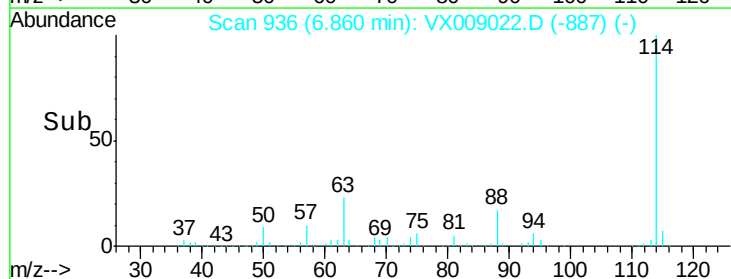
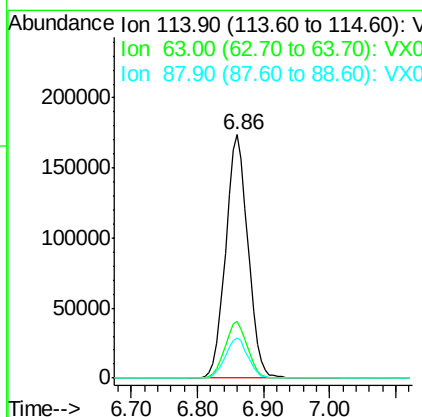
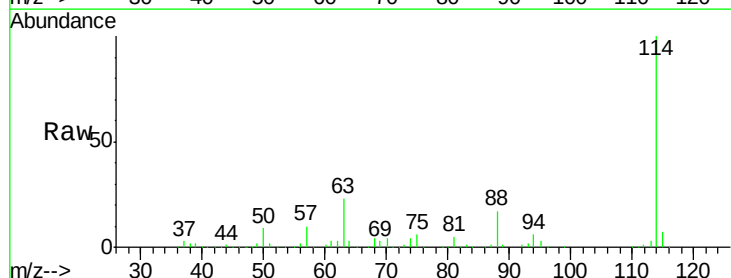
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0509-190415

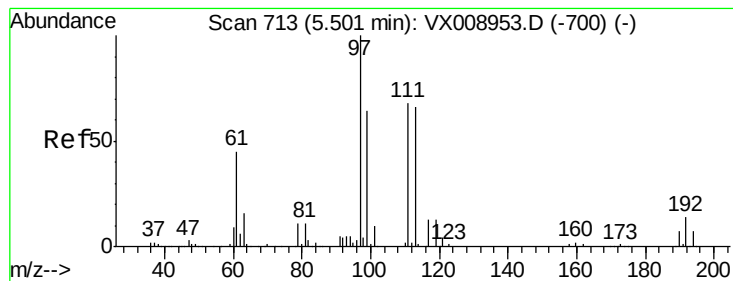
Tot Ion: 65 Resp: 164733
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009022.D
 Acq: 17 Apr 2019 18:07

Tgt Ion: 114 Resp: 404939
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.469 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009022.D

Acq: 17 Apr 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0509-190415

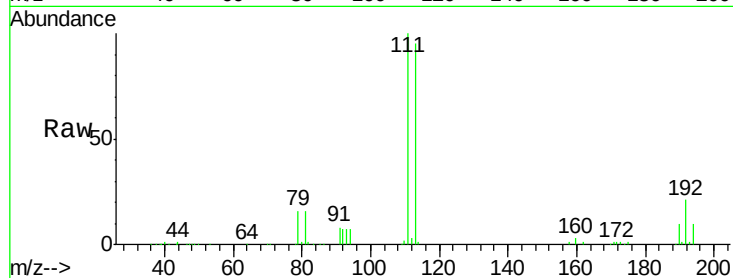
Tot Ion:113 Resp: 120763

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

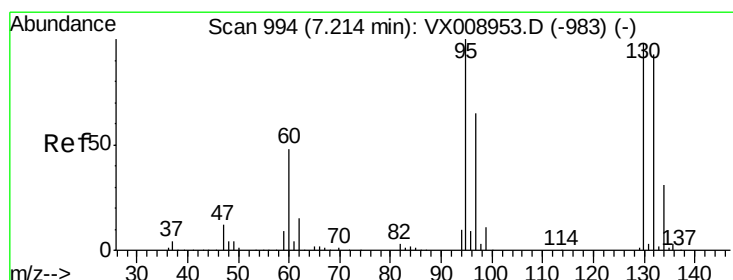
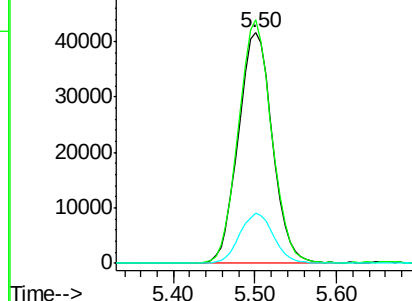
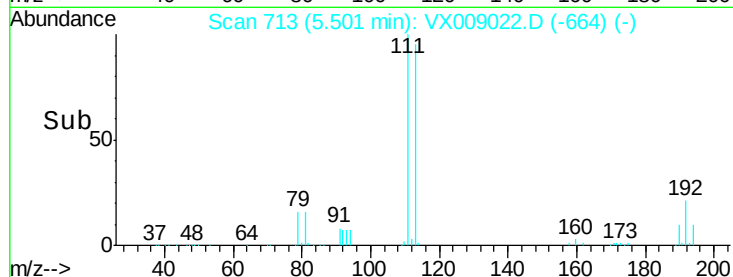
192 21.8 17.4 26.0



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: 0.746 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009022.D

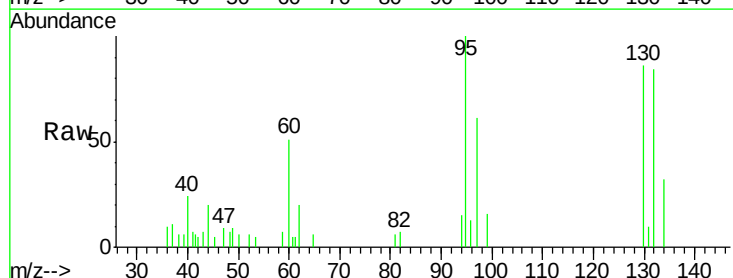
Acq: 17 Apr 2019 18:07

Tgt Ion:130 Resp: 2259

Ion Ratio Lower Upper

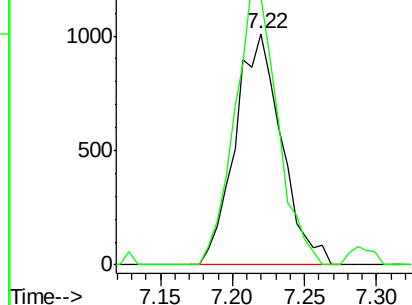
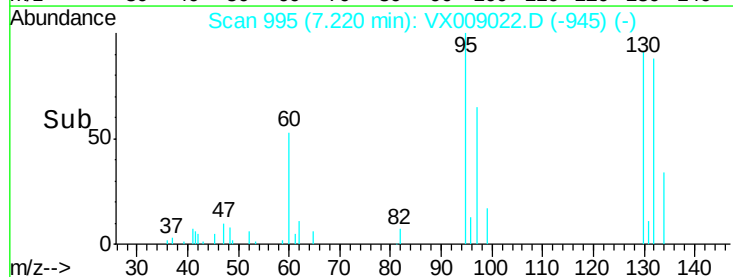
130 100

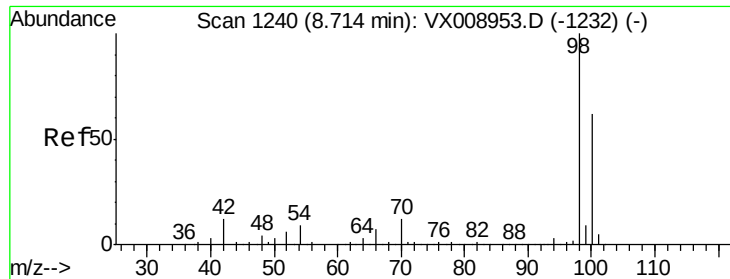
95 115.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

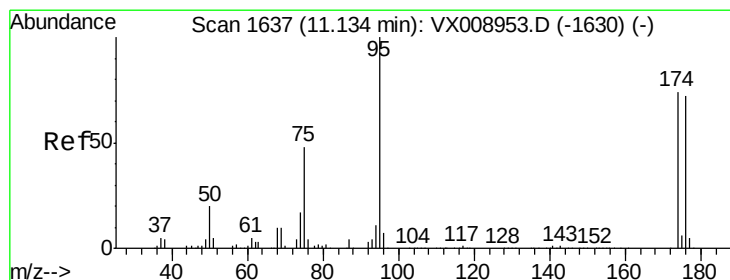
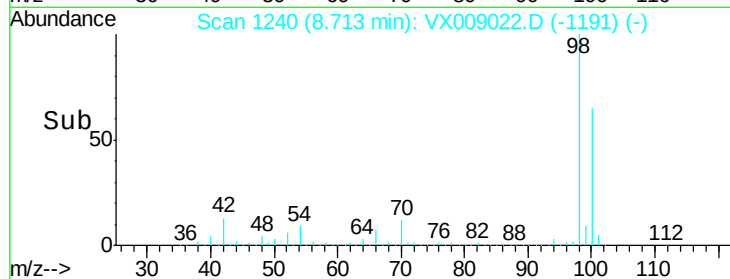
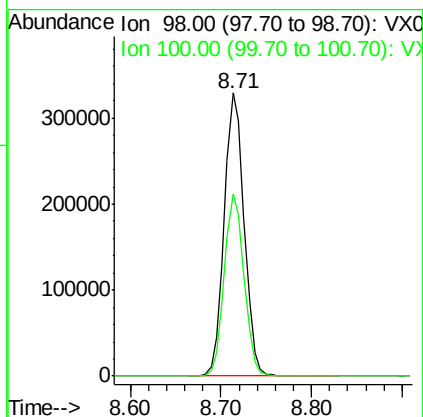
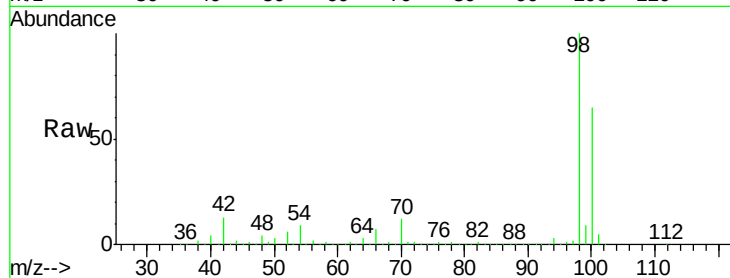




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009022.D
Acq: 17 Apr 2019 18:07

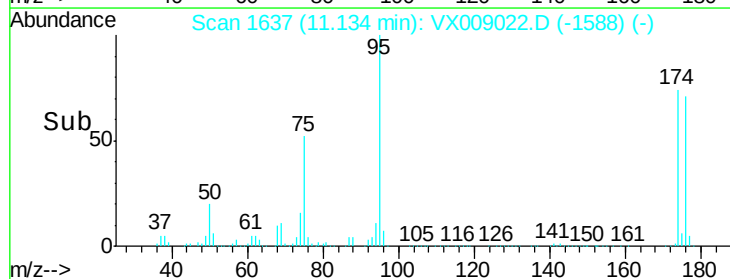
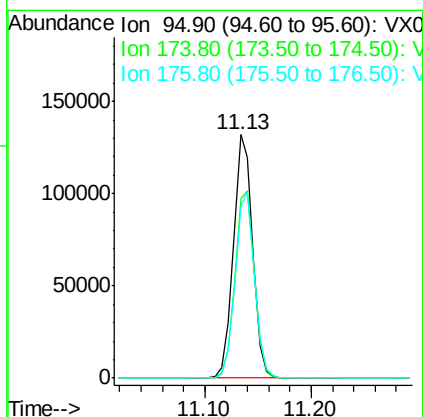
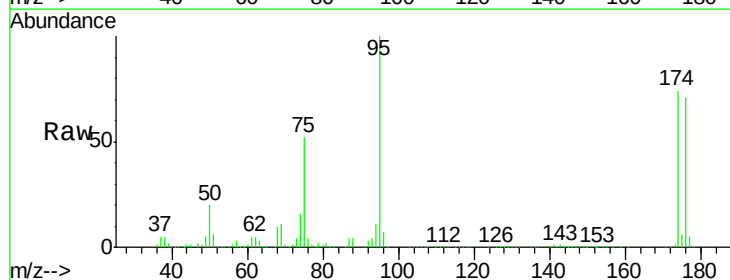
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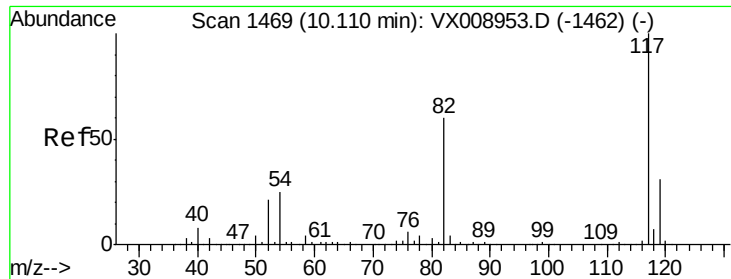
Tot Ion: 98 Resp: 503752
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009022.D
Acq: 17 Apr 2019 18:07

Tgt Ion: 95 Resp: 166390
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.6
176 76.7 0.0 154.8

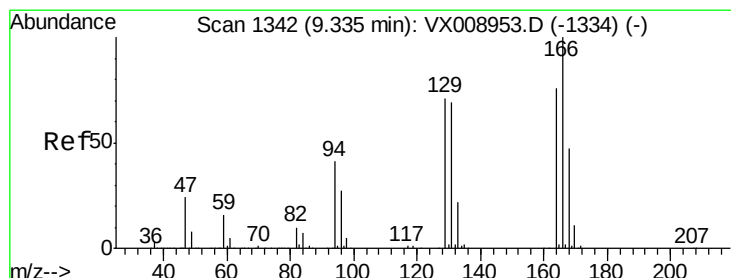
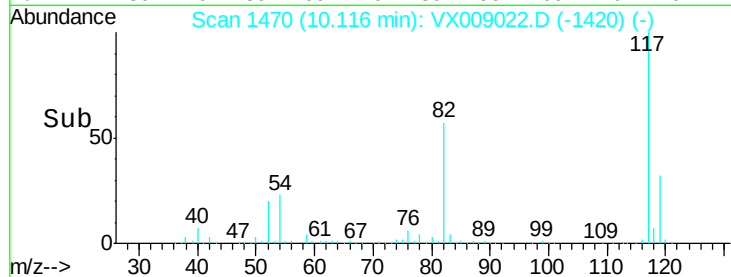
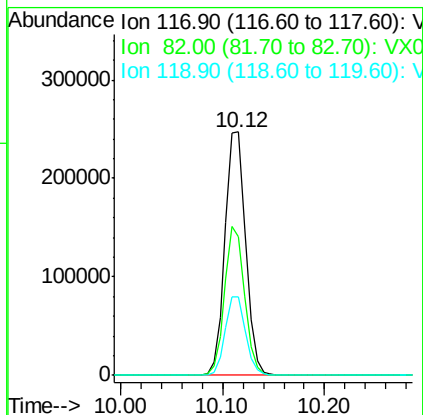
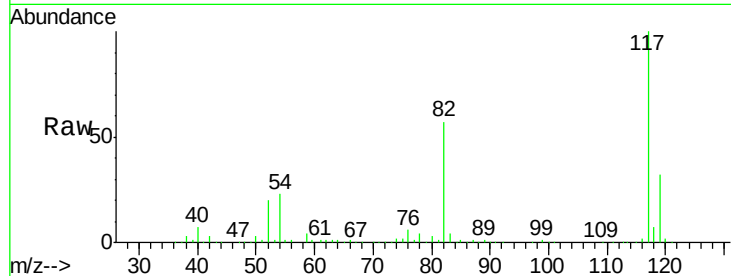




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009022.D
Acq: 17 Apr 2019 18:07

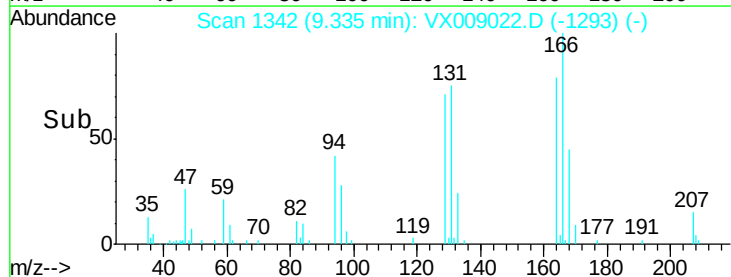
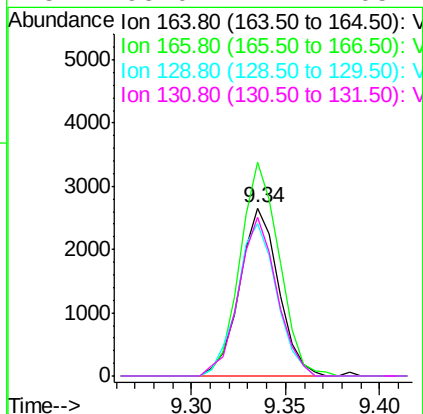
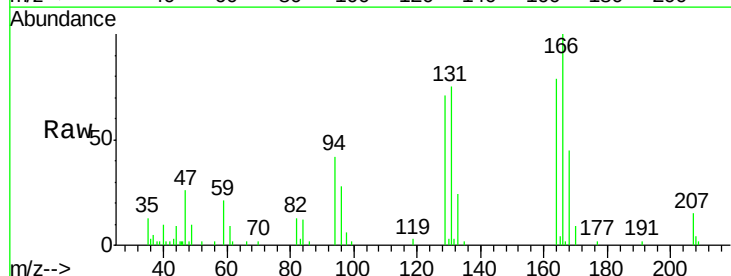
Instrument :
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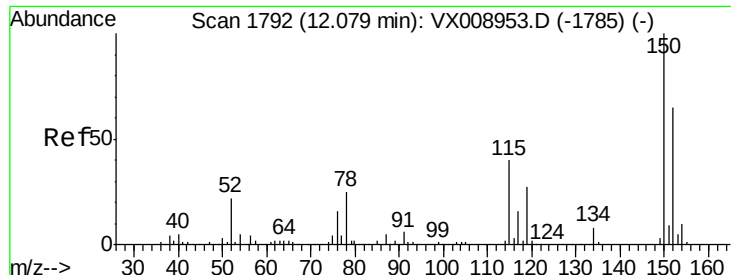
Tot Ion:117 Resp: 347753
Ion Ratio Lower Upper
117 100
82 56.9 48.2 72.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 1.440 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009022.D
Acq: 17 Apr 2019 18:07

Tgt Ion:164 Resp: 3805
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.4
129 90.5 74.2 111.4
131 95.0 72.2 108.2

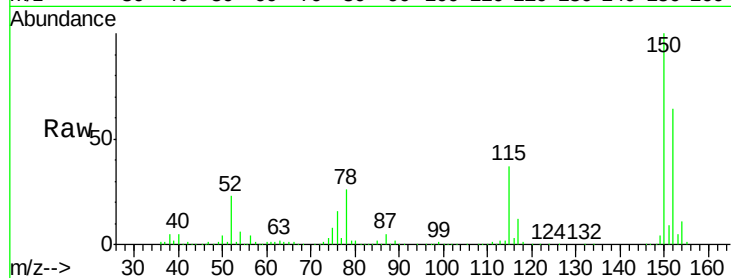




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009022.D
 Acq: 17 Apr 2019 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0509-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.4	124.2
150	156.0	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

