

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009044.D
 Acq On : 18 Apr 2019 15:21
 Operator : JC/SP
 Sample : K2449-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0511-190415

Quant Time: Apr 19 09:21:59 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

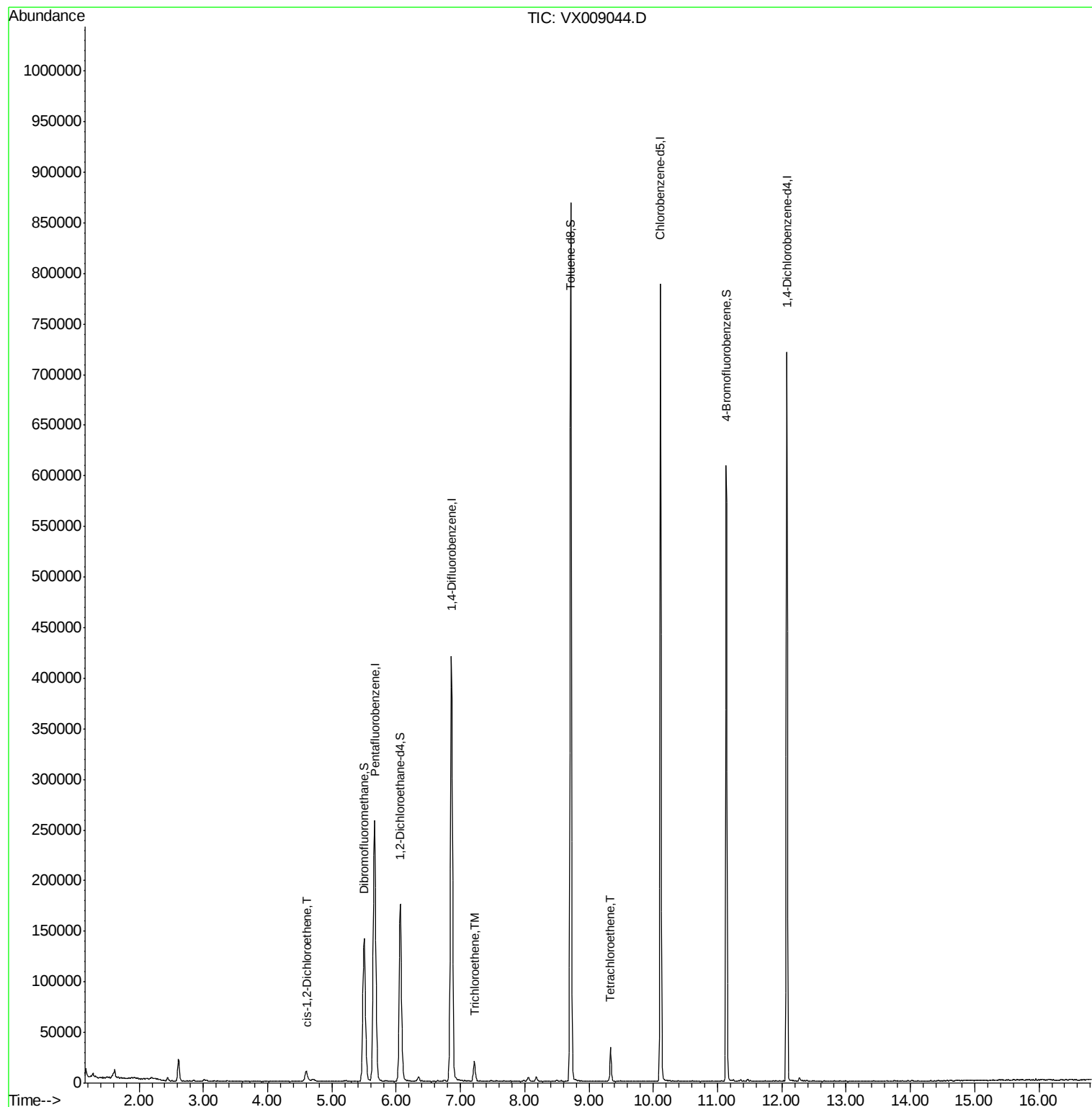
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	166192	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	121567	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	8.71	98	497803	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	163150	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6676	2.076	ug/l	87
44) Trichloroethene	7.21	130	7394	2.456	ug/l	97
64) Tetrachloroethene	9.34	164	6435	2.451	ug/l	94

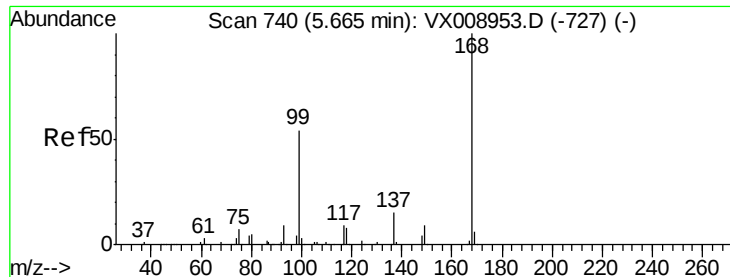
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX009044.D

Acq: 18 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

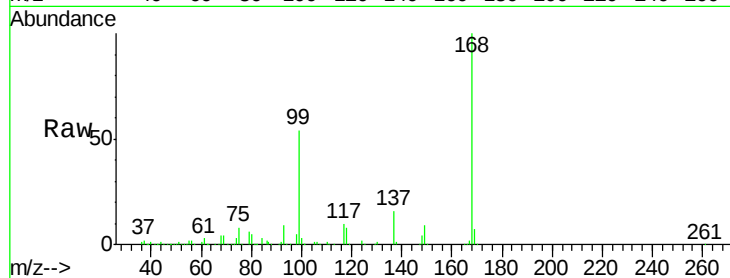
DUP-0511-190415

Tot Ion:168 Resp: 247639

Ion Ratio Lower Upper

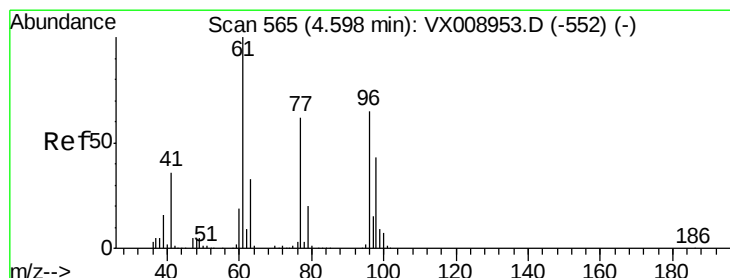
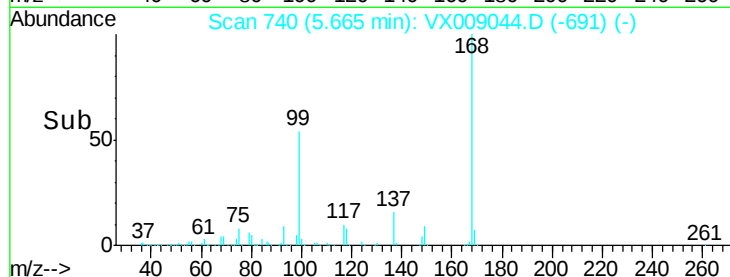
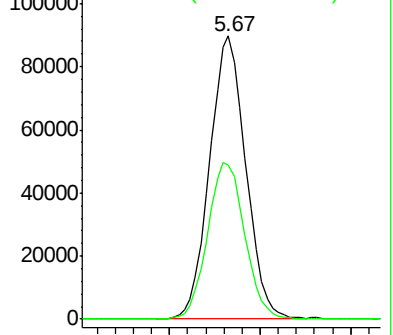
168 100

99 54.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.076 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009044.D

Acq: 18 Apr 2019 15:21

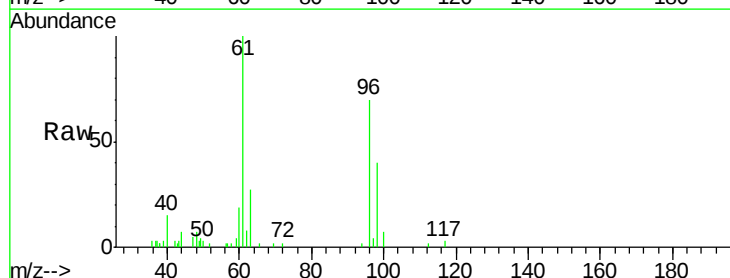
Tgt Ion: 96 Resp: 6676

Ion Ratio Lower Upper

96 100

61 140.5 0.0 322.0

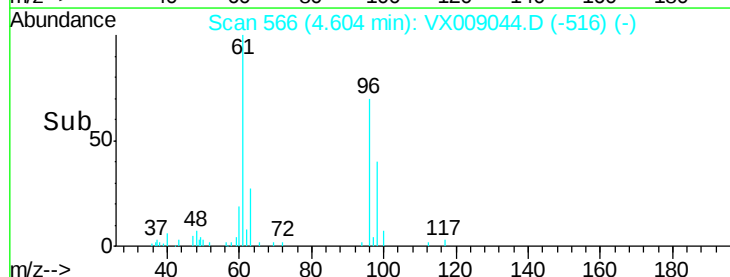
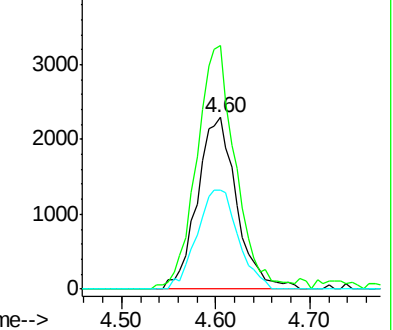
98 60.3 0.0 128.4

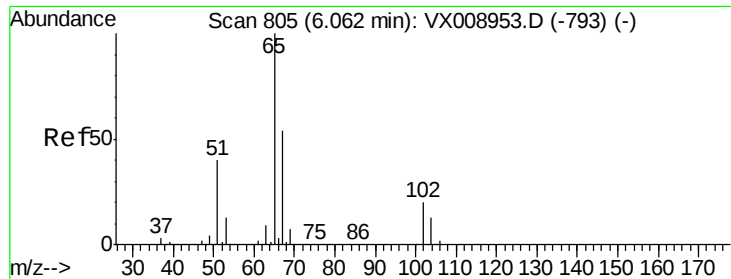


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.620 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009044.D

Acq: 18 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

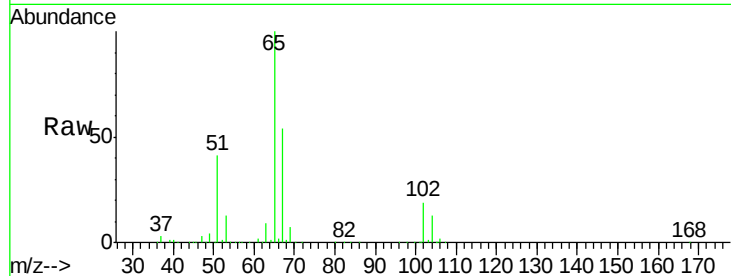
DUP-0511-190415

Tot Ion: 65 Resp: 166192

Ion Ratio Lower Upper

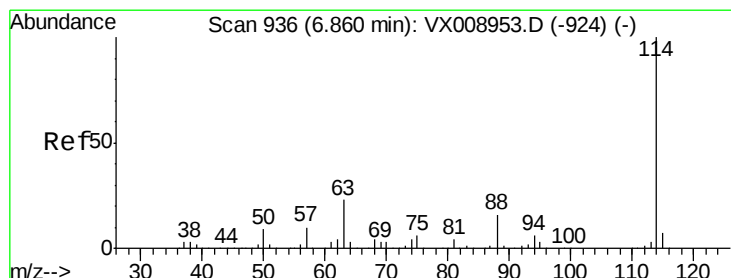
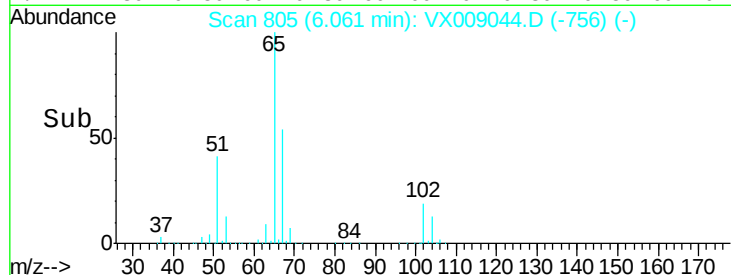
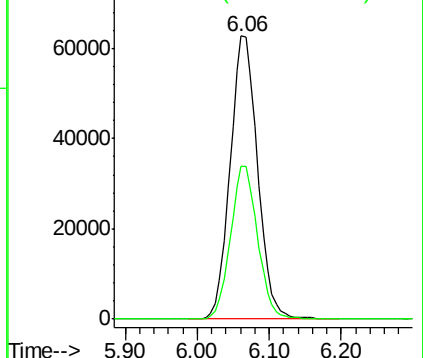
65 100

67 53.5 0.0 108.6



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: VX009044.D

Acq: 18 Apr 2019 15:21

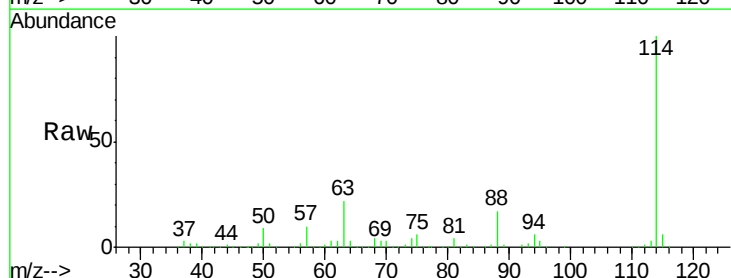
Tgt Ion: 114 Resp: 402688

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.0

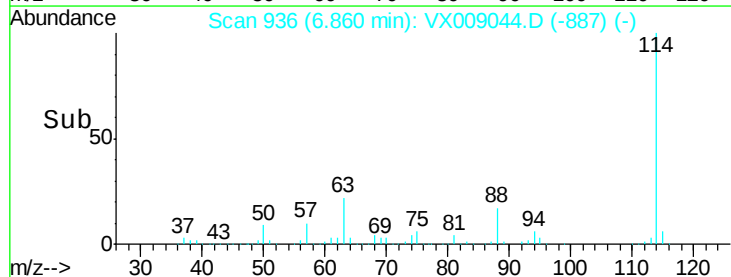
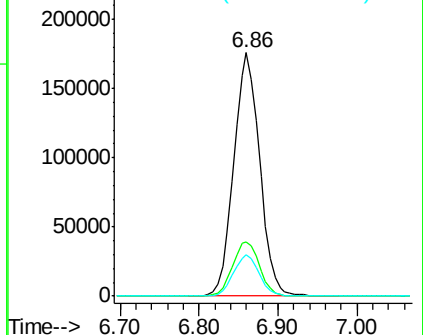
88 17.1 0.0 32.6

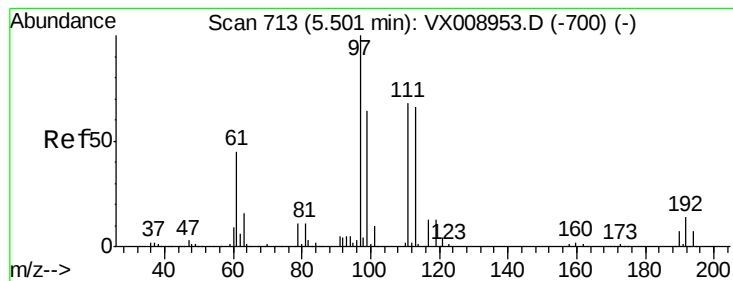


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.040 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009044.D

Acq: 18 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

DUP-0511-190415

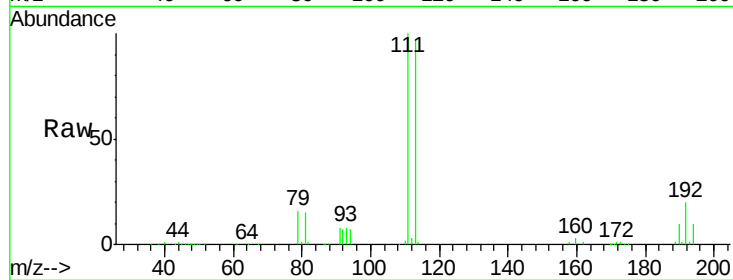
Tot Ion:113 Resp: 121567

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

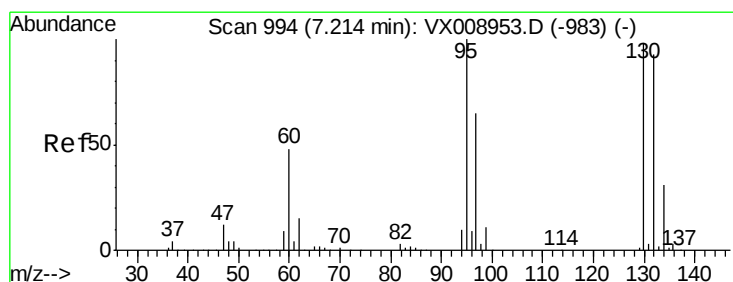
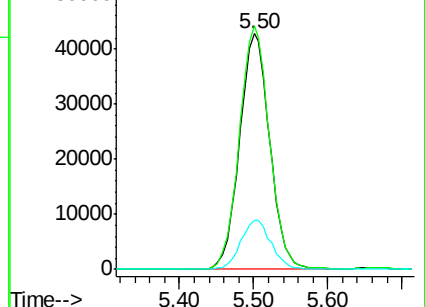
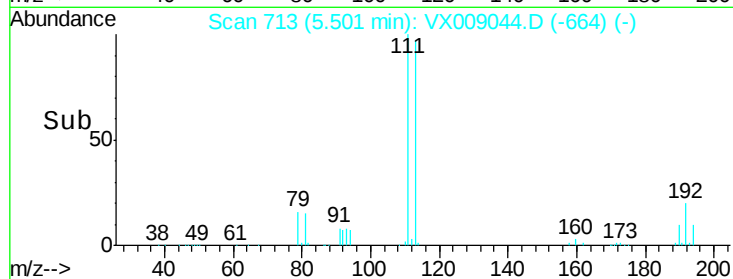
192 21.1 17.4 26.0



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: 2.456 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009044.D

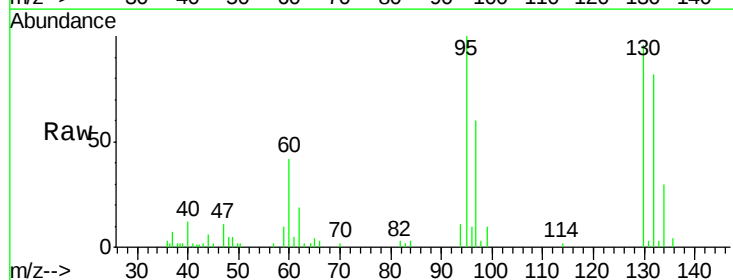
Acq: 18 Apr 2019 15:21

Tgt Ion:130 Resp: 7394

Ion Ratio Lower Upper

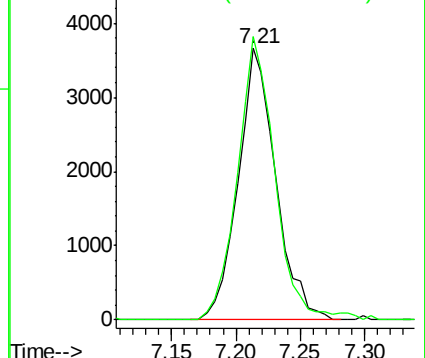
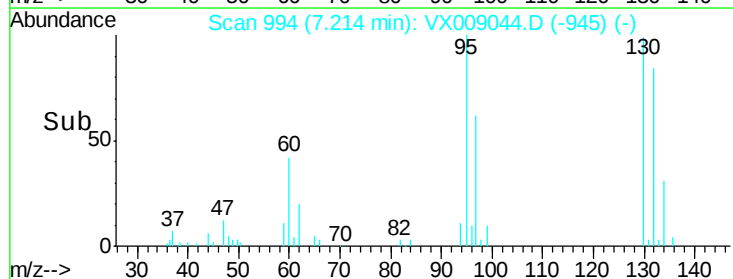
130 100

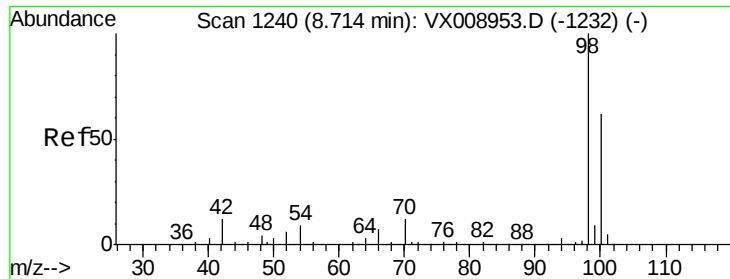
95 104.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

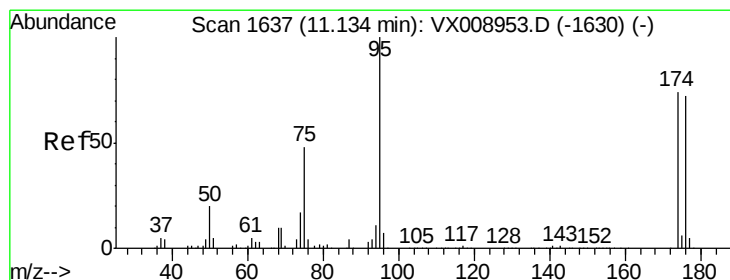
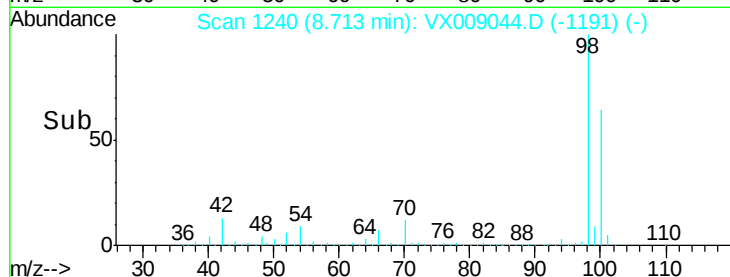
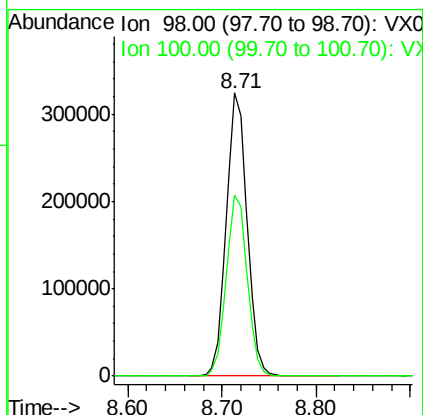
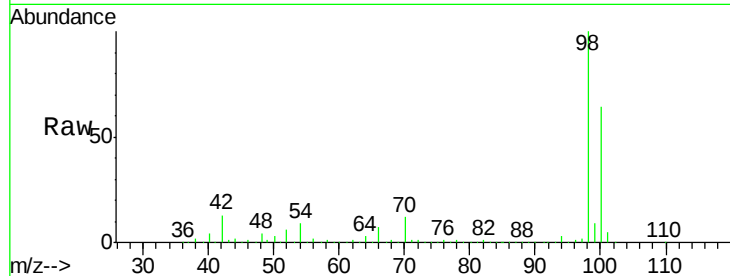




#50
Toluene-d8
Concen: 48.300 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009044.D
Acq: 18 Apr 2019 15:21

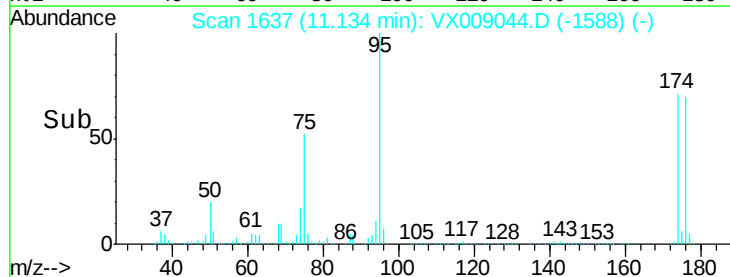
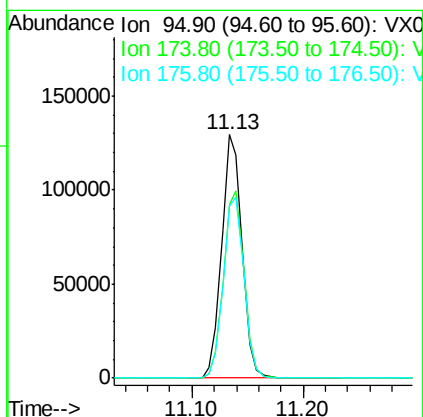
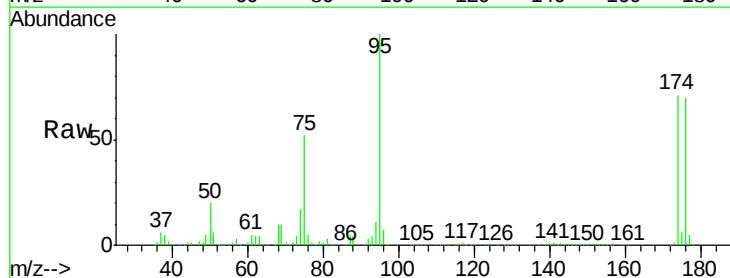
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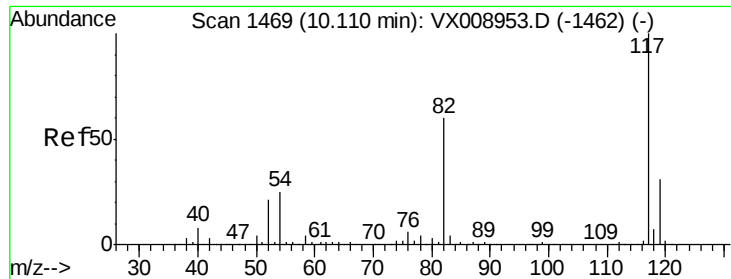
Tot Ion: 98 Resp: 497803
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.843 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009044.D
Acq: 18 Apr 2019 15:21

Tgt Ion: 95 Resp: 163150
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.6
176 75.8 0.0 154.8

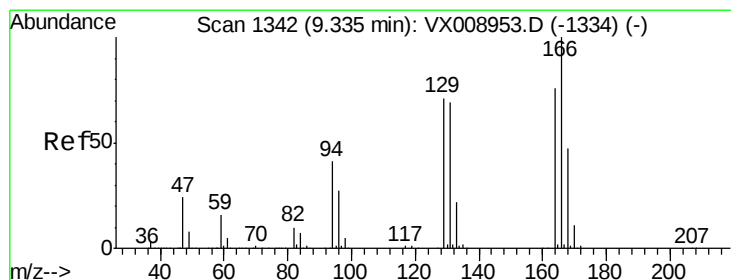
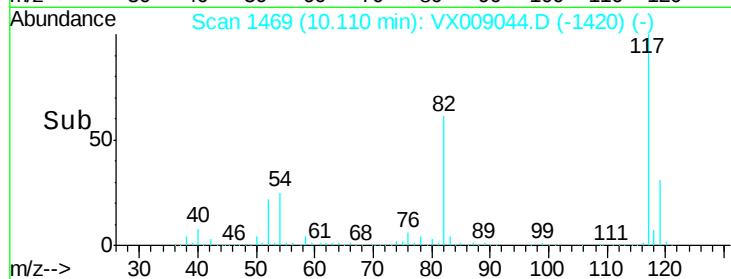
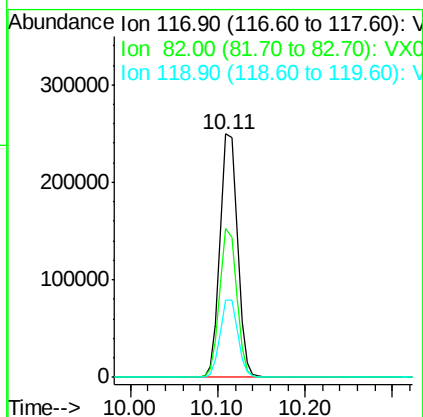
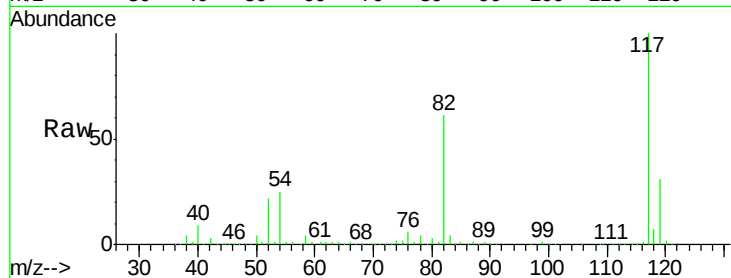




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009044.D
Acq: 18 Apr 2019 15:21

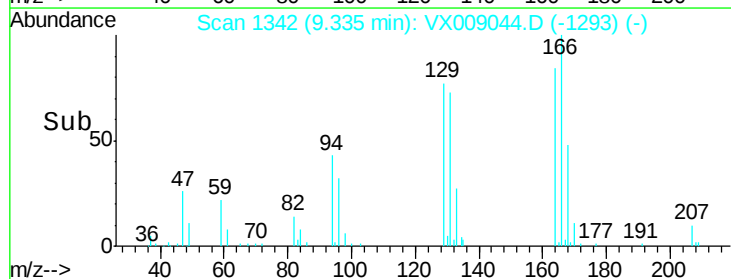
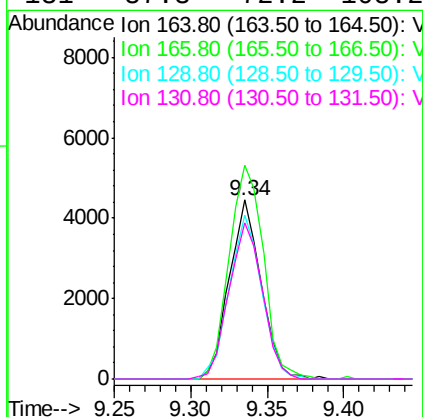
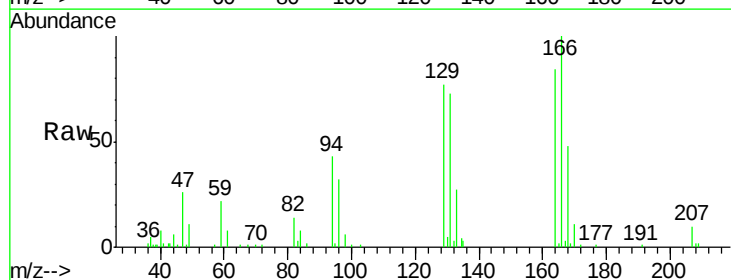
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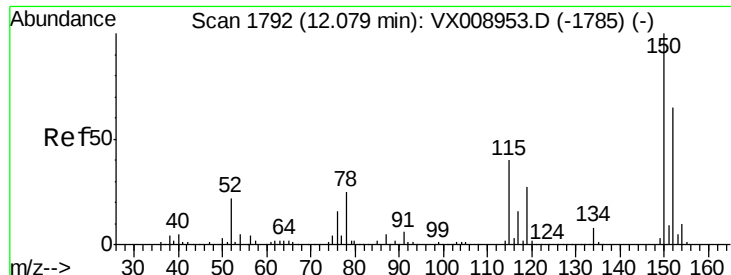
Tot Ion:117 Resp: 345629
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 2.451 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009044.D
Acq: 18 Apr 2019 15:21

Tgt Ion:164 Resp: 6435
Ion Ratio Lower Upper
164 100
166 119.3 105.0 157.4
129 91.4 74.2 111.4
131 87.3 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: VX009044.D
 Acq: 18 Apr 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0511-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.4	124.2
150	155.9	0.0	349.8

