

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009050.D
 Acq On : 18 Apr 2019 17:42
 Operator : JC/SP
 Sample : K2449-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416

Quant Time: Apr 19 09:28:49 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	237728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	160294	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	117456	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	476572	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	156257	44.42	ug/l	0.00
Spiked Amount			Recovery	=	88.84%	

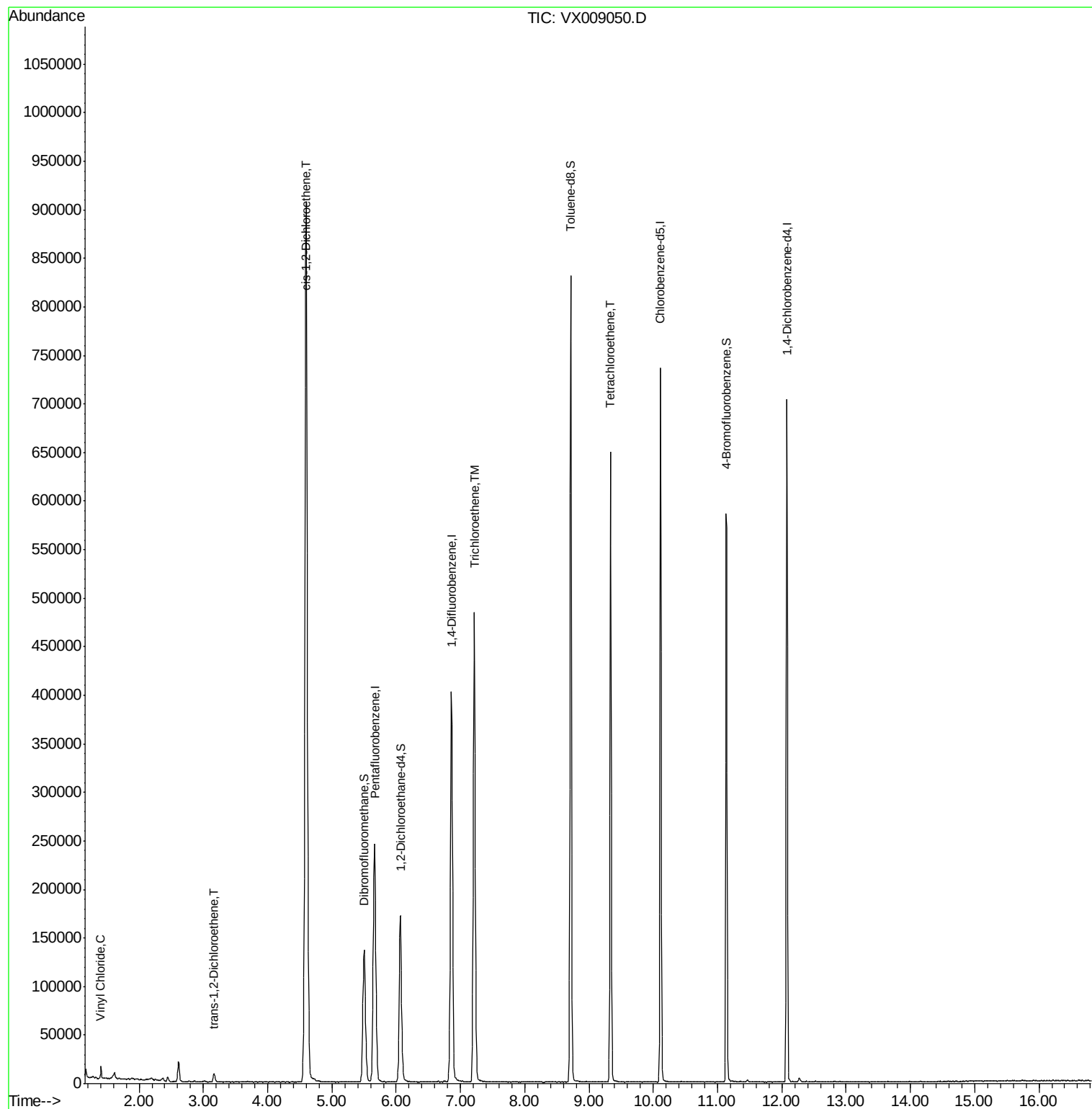
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	9496	2.902	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3288	1.209	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	556213	180.162	ug/l	90
44) Trichloroethene	7.21	130	182480	62.692	ug/l	98
64) Tetrachloroethene	9.34	164	125017	49.893	ug/l	97

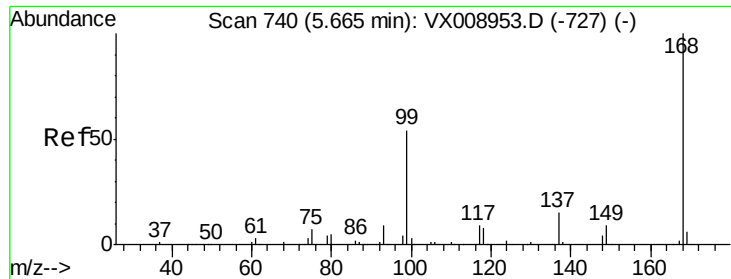
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009050.D

Acq: 18 Apr 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

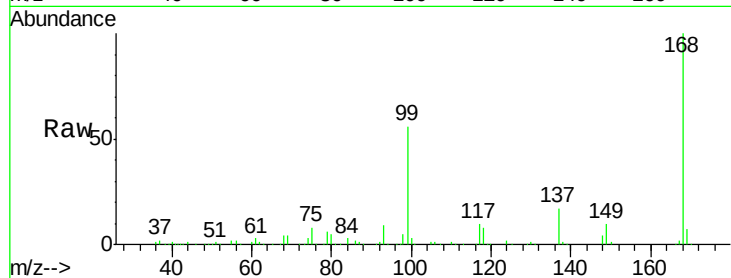
DUP-0512-190416

Tot Ion:168 Resp: 237728

Ion Ratio Lower Upper

168 100

99 56.4 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

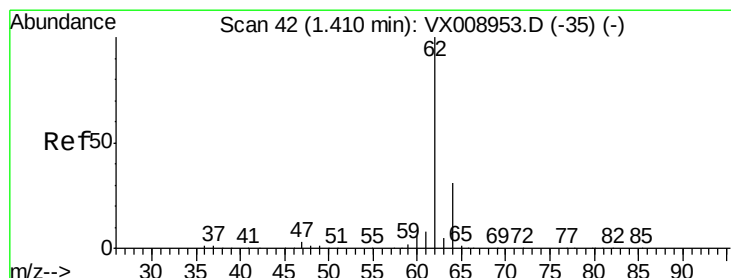
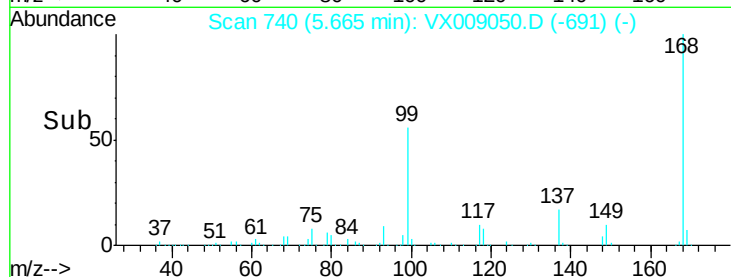
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.902 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009050.D

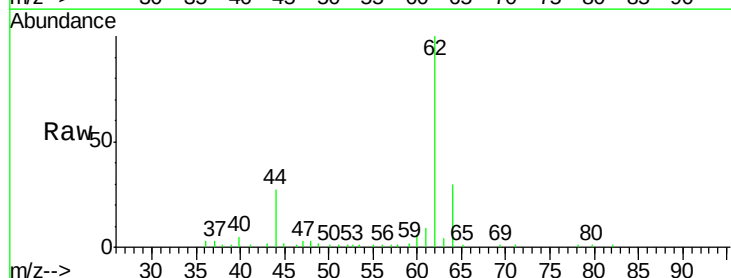
Acq: 18 Apr 2019 17:42

Tgt Ion: 62 Resp: 9496

Ion Ratio Lower Upper

62 100

64 28.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

8000

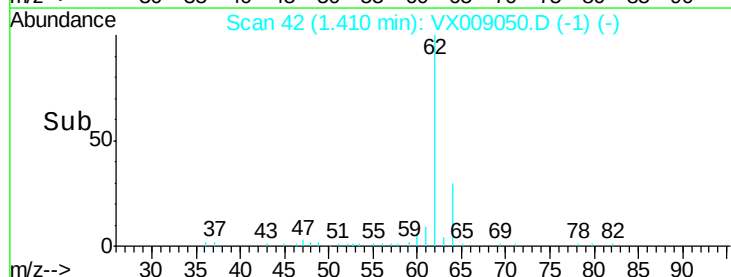
6000

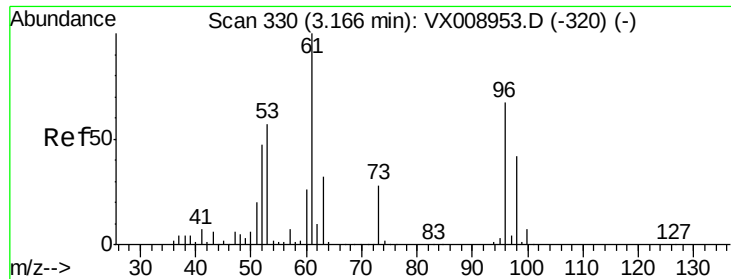
4000

2000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 1.209 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009050.D

Acq: 18 Apr 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

DUP-0512-190416

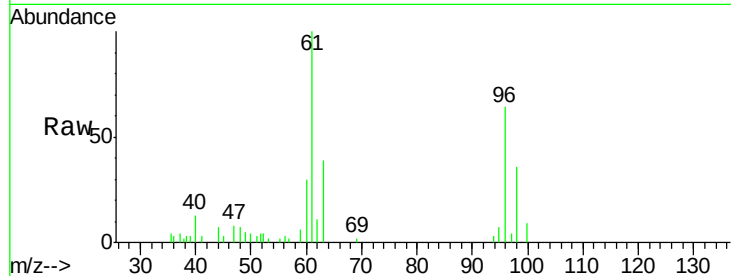
Tot Ion: 96 Resp: 3288

Ion Ratio Lower Upper

96 100

61 153.0 120.3 180.5

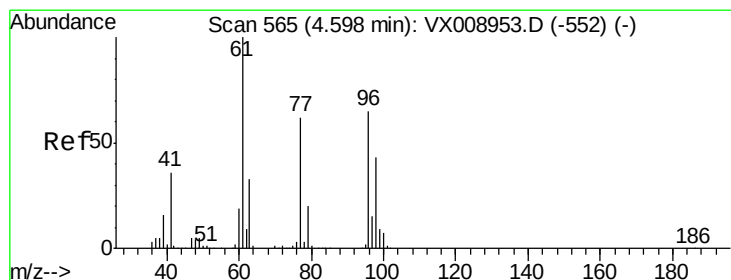
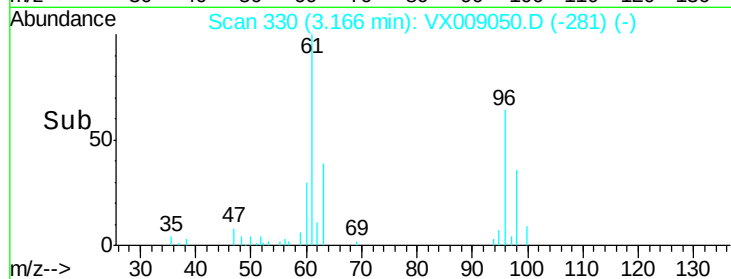
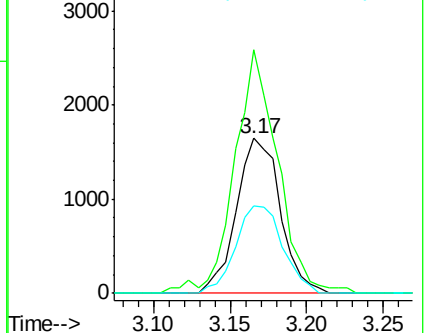
98 56.5 50.2 75.2



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



#27

cis-1,2-Dichloroethene

Concen: 180.162 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009050.D

Acq: 18 Apr 2019 17:42

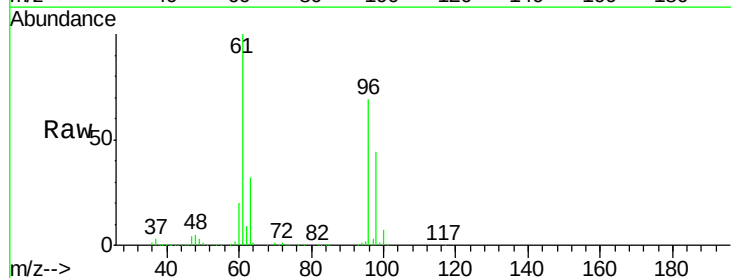
Tgt Ion: 96 Resp: 556213

Ion Ratio Lower Upper

96 100

61 143.0 0.0 322.0

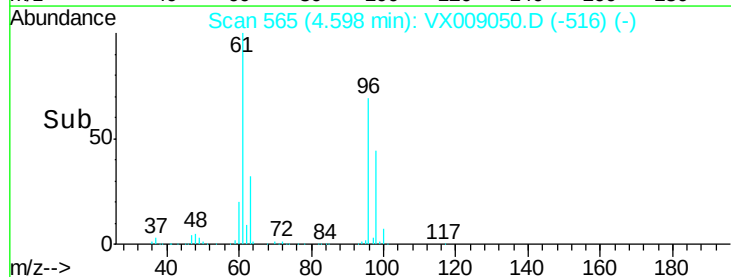
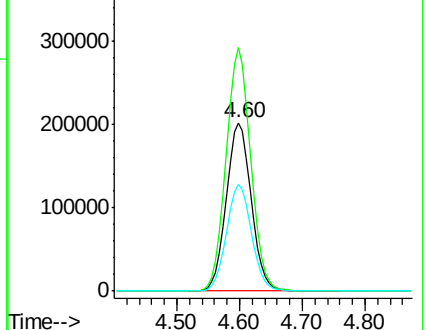
98 63.6 0.0 128.4

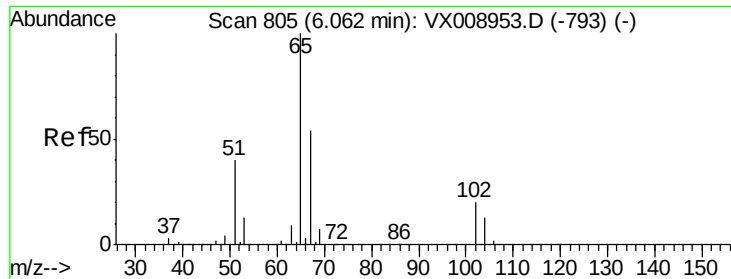


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

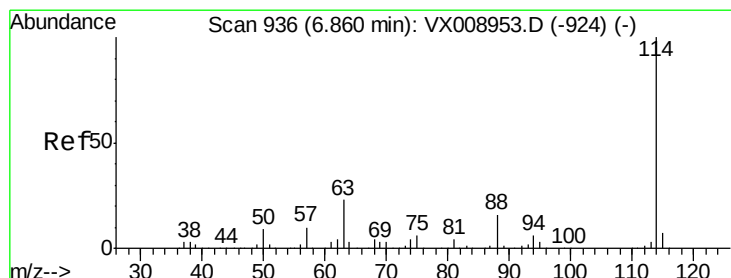
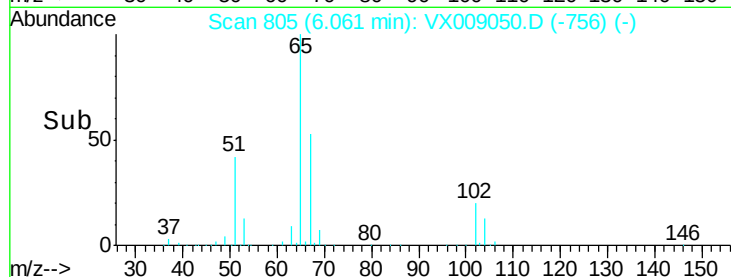
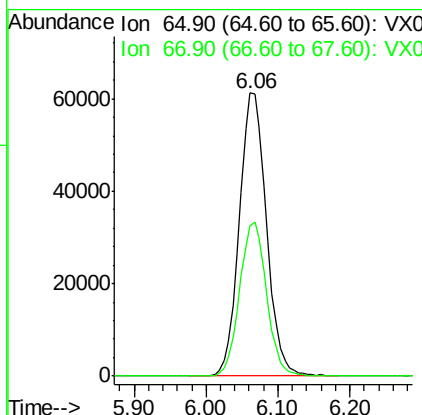
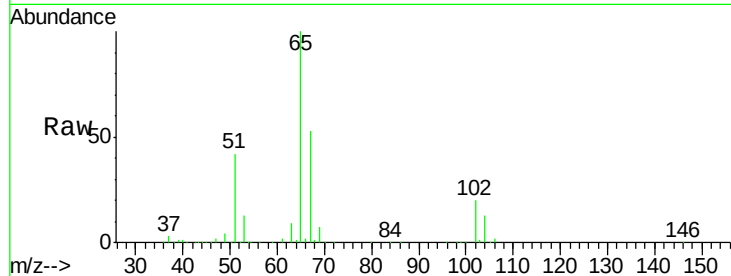




#33
 1,2-Dichloroethane-d4
 Concen: 47.845 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009050.D
 Acq: 18 Apr 2019 17:42

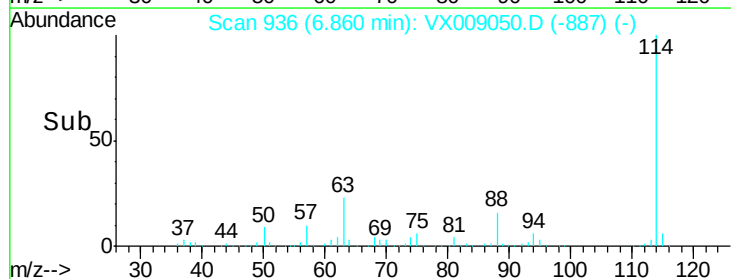
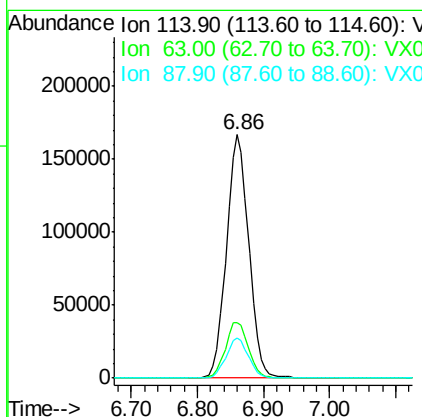
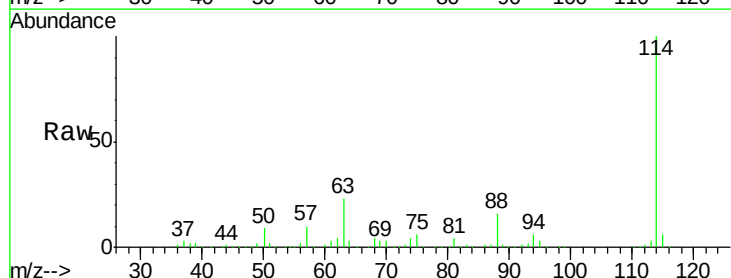
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416

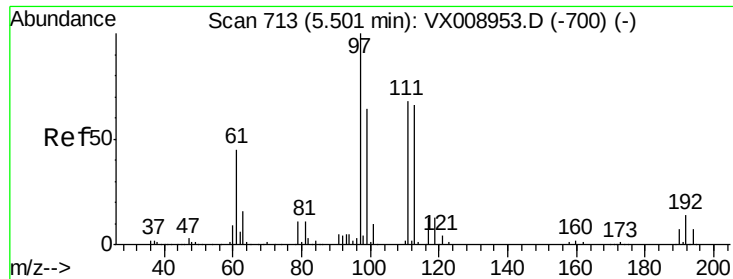
Tot Ion: 65 Resp: 160294
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009050.D
 Acq: 18 Apr 2019 17:42

Tgt Ion: 114 Resp: 389366
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.004 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009050.D

Acq: 18 Apr 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

DUP-0512-190416

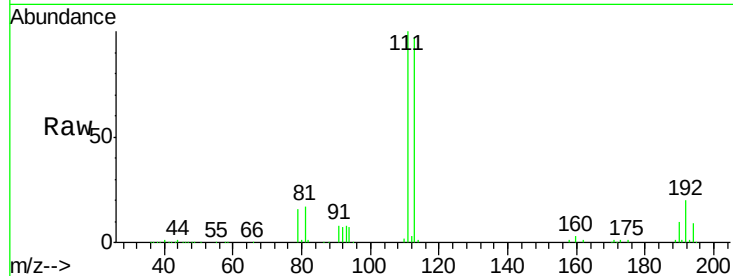
Tot Ion:113 Resp: 117456

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

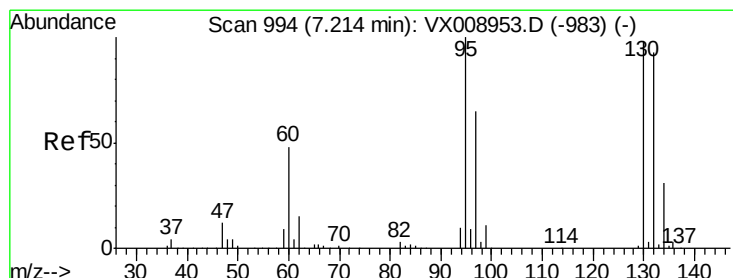
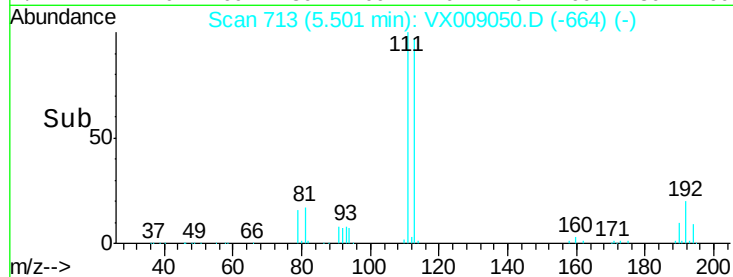
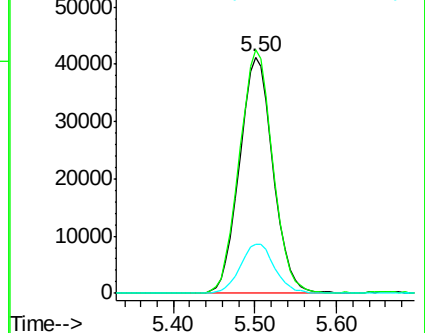
192 21.5 17.4 26.0



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: 62.692 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009050.D

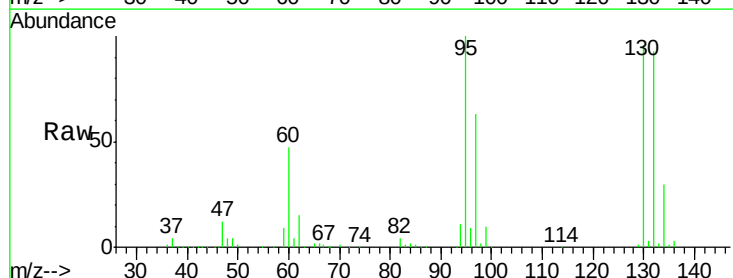
Acq: 18 Apr 2019 17:42

Tgt Ion:130 Resp: 182480

Ion Ratio Lower Upper

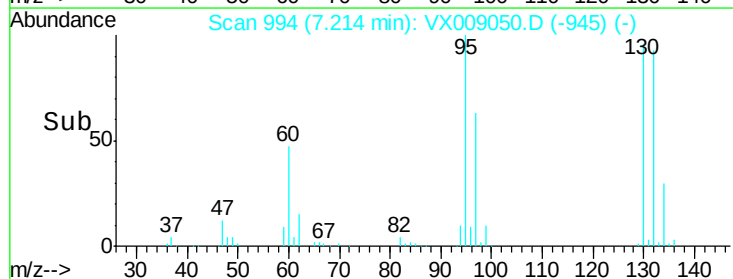
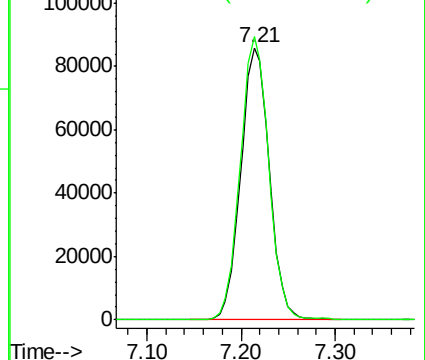
130 100

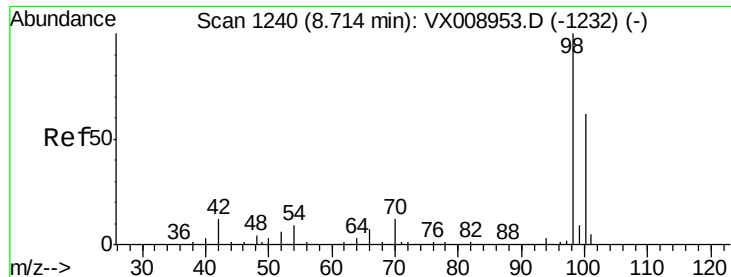
95 104.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

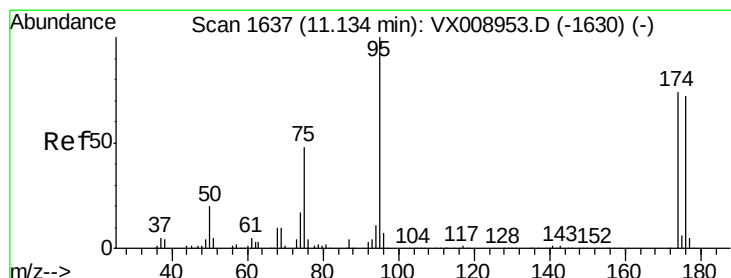
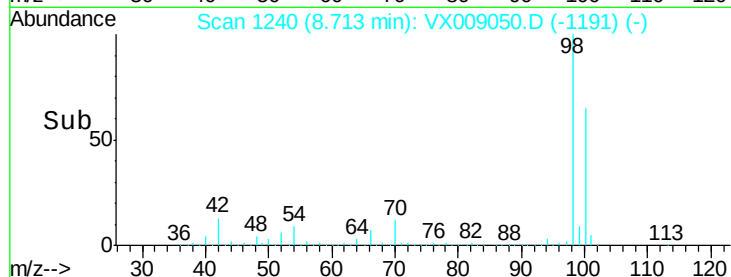
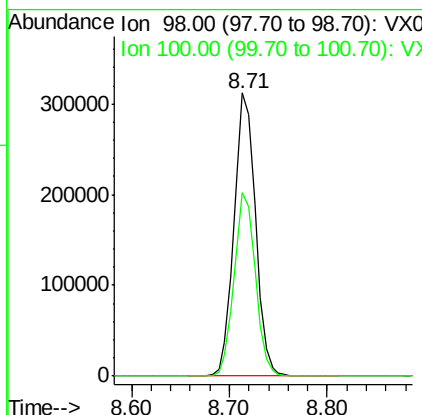
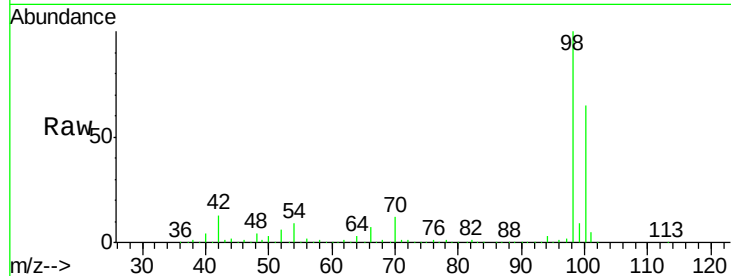




#50
Toluene-d8
Concen: 47.822 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009050.D
Acq: 18 Apr 2019 17:42

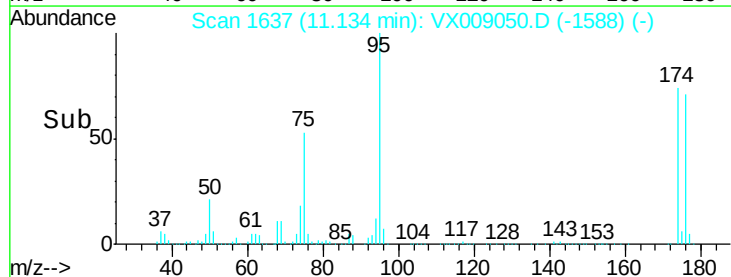
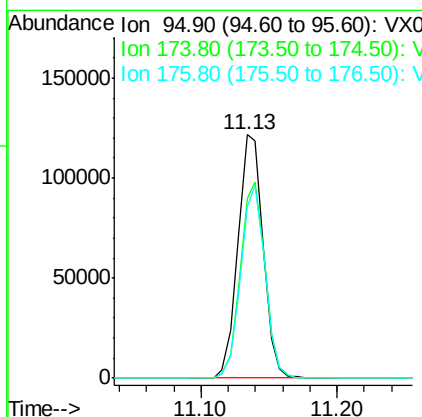
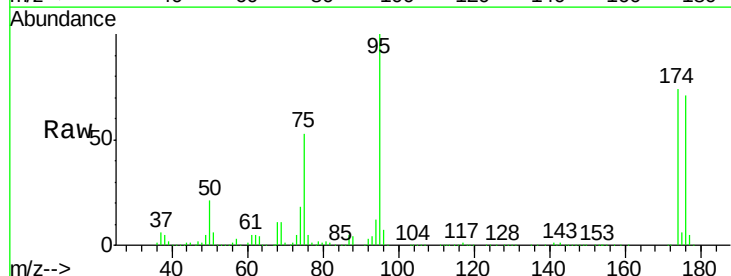
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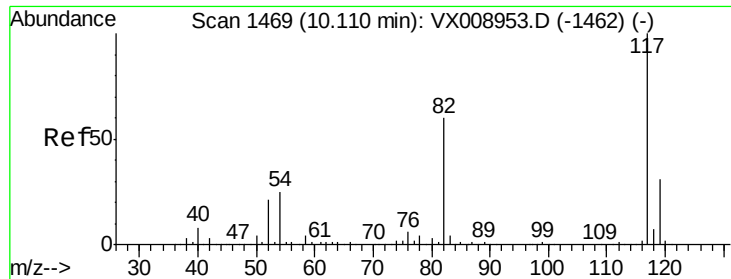
Tot Ion: 98 Resp: 476572
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.418 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009050.D
Acq: 18 Apr 2019 17:42

Tgt Ion: 95 Resp: 156257
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.6
176 76.9 0.0 154.8

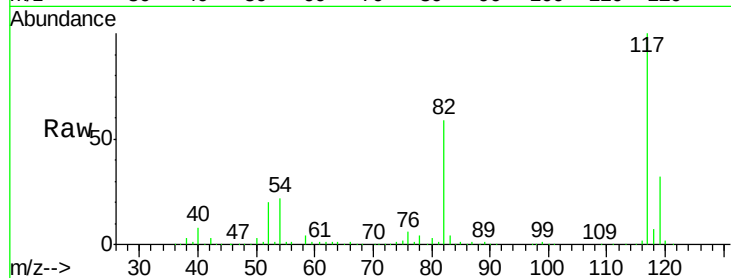




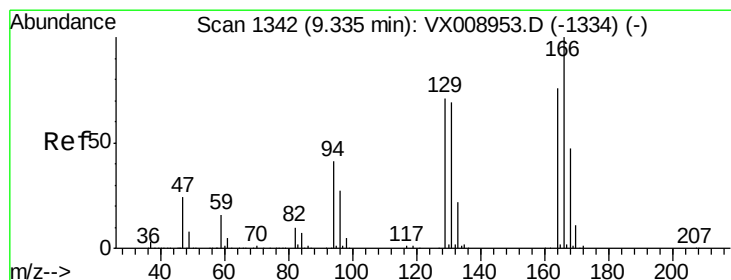
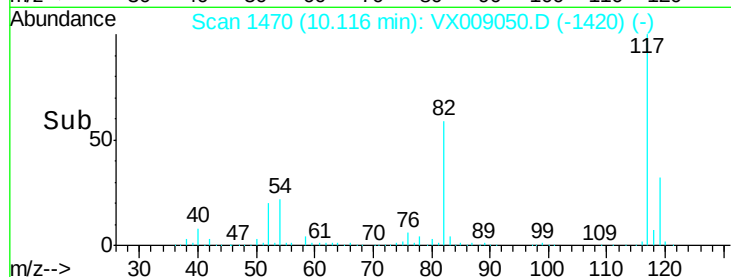
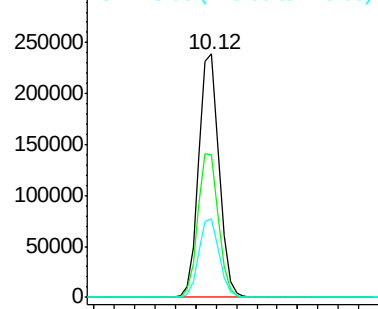
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009050.D
Acq: 18 Apr 2019 17:42

Instrument :
MSVOA_X
ClientSampleId :
DUP-0512-190416

Tot Ion:117 Resp: 329839
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 32.4 25.0 37.6

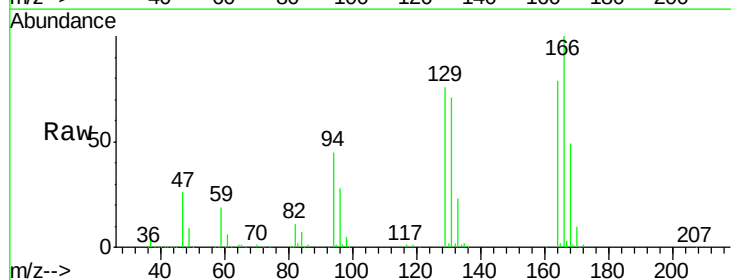


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

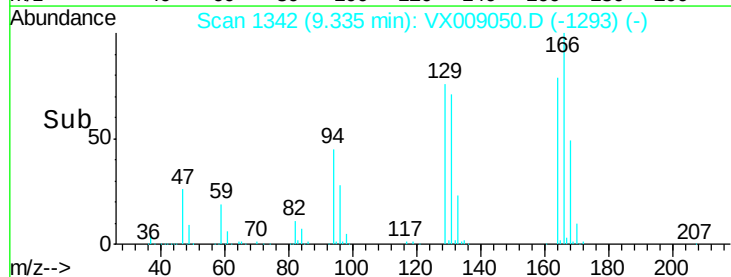
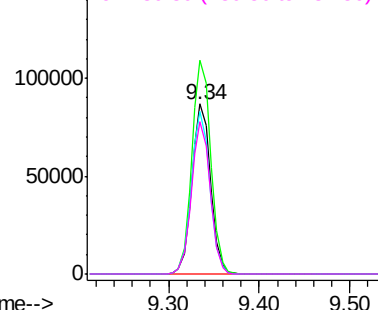


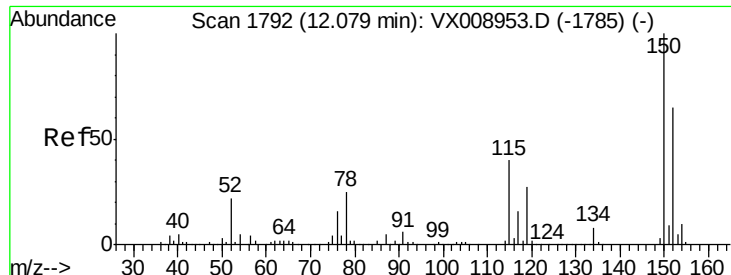
#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009050.D
Acq: 18 Apr 2019 17:42

Tgt Ion:164 Resp: 125017
Ion Ratio Lower Upper
164 100
166 125.8 105.0 157.4
129 95.8 74.2 111.4
131 89.5 72.2 108.2



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

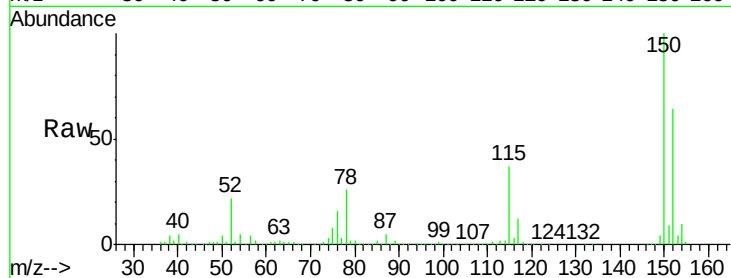




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009050.D
 Acq: 18 Apr 2019 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.4	124.2
150	158.6	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

