

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002241.D
 Acq On : 02 Jun 2018 16:03
 Operator : JC/MD
 Sample : J3119-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0463-180522

Quant Time: Jun 04 06:00:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

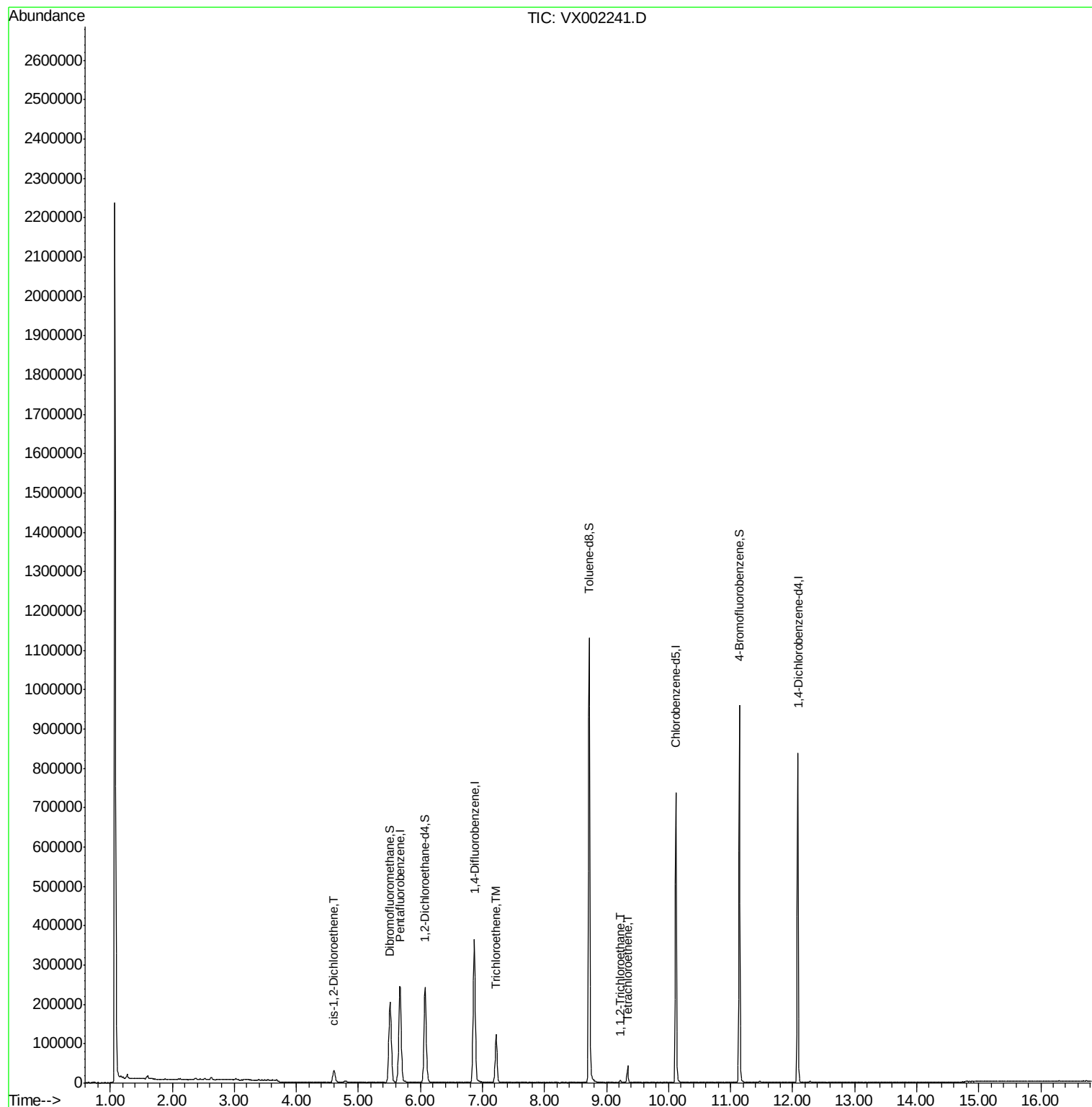
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	227696	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	5.51	113	166177	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	8.72	98	654418	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	225451	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	16836	4.519	ug/l	97
44) Trichloroethene	7.21	130	47024	11.246	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	1330	0.349	ug/l #	86
64) Tetrachloroethene	9.34	164	8091	1.764	ug/l	98

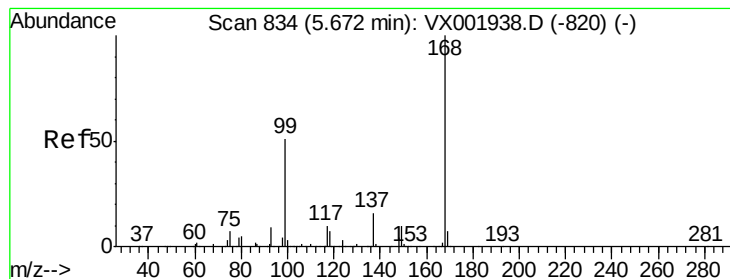
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

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MSVOA_X

ClientSampleId :

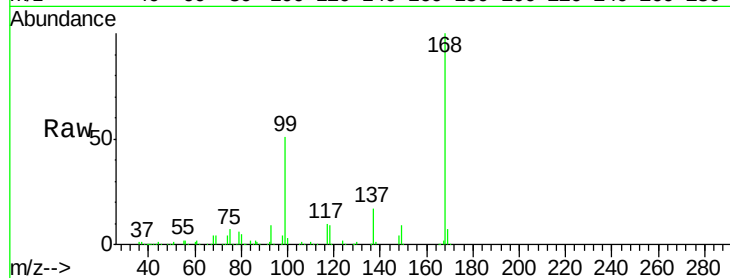
DUP-0463-180522

Tot Ion:168 Resp: 245135

Ion Ratio Lower Upper

168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

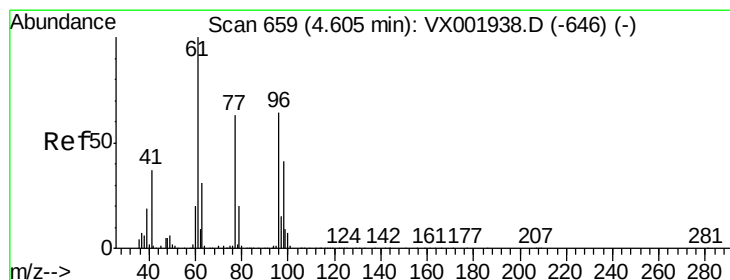
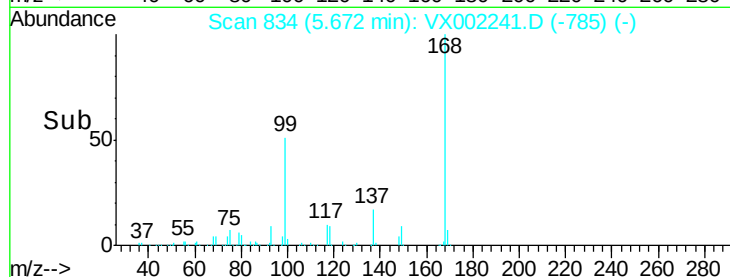
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.519 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

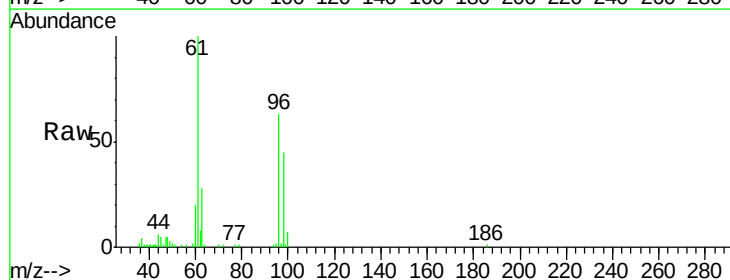
Tgt Ion: 96 Resp: 16836

Ion Ratio Lower Upper

96 100

61 178.7 0.0 348.4

98 63.4 0.0 128.6



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

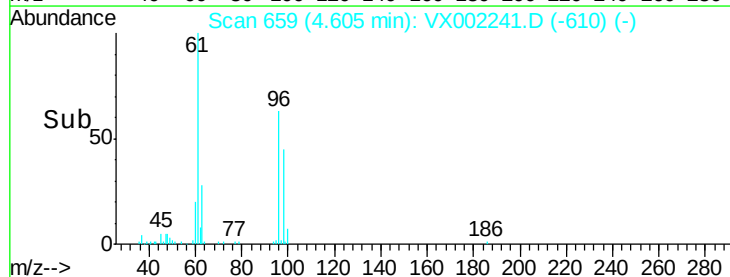
6000

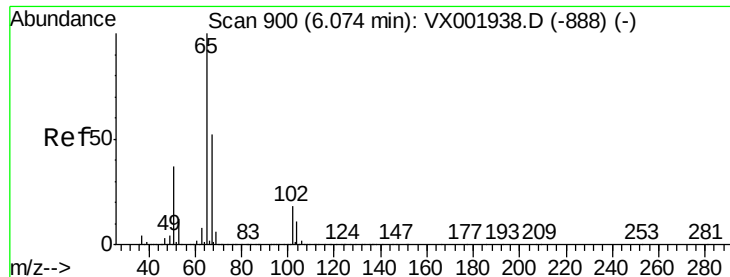
4000

2000

0

Time--> 4.50 4.60 4.70

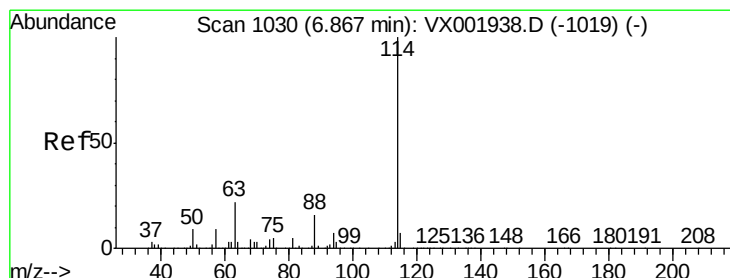
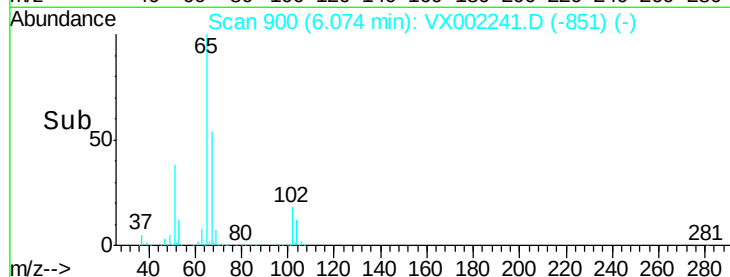
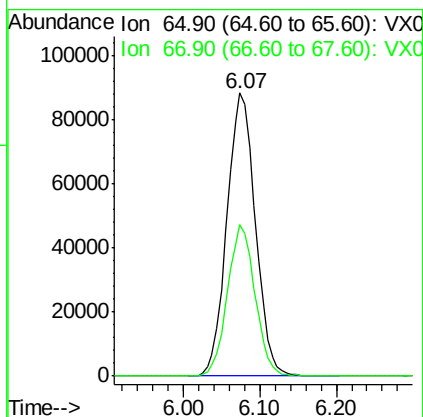
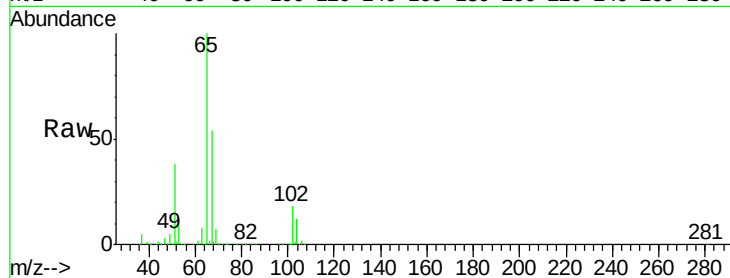




#33
 1,2-Dichloroethane-d4
 Concen: 51.964 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002241.D
 Acq: 02 Jun 2018 16:03

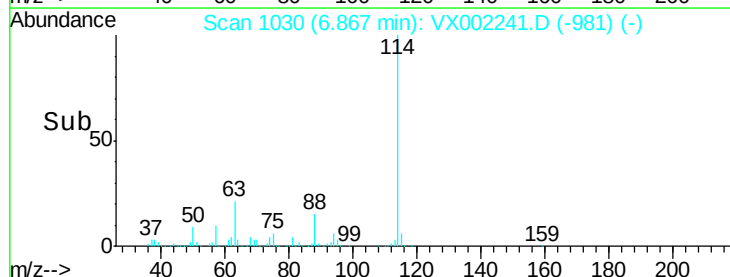
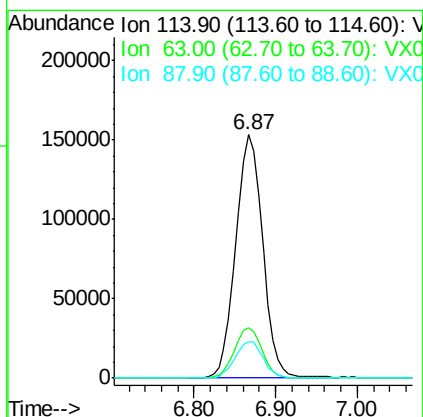
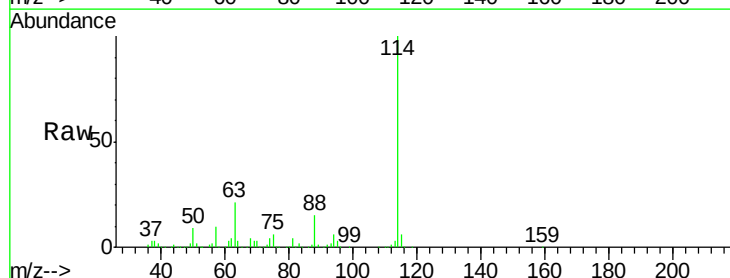
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0463-180522

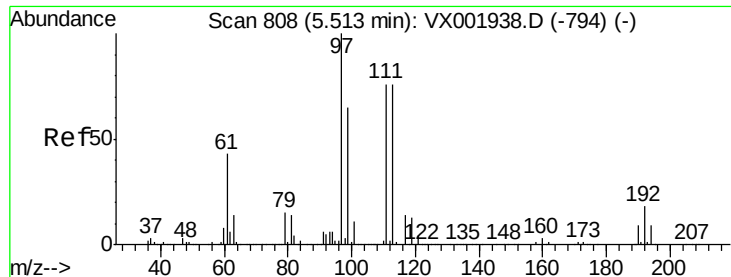
Tot Ion: 65 Resp: 227696
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002241.D
 Acq: 02 Jun 2018 16:03

Tgt Ion: 114 Resp: 352106
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.195 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

DUP-0463-180522

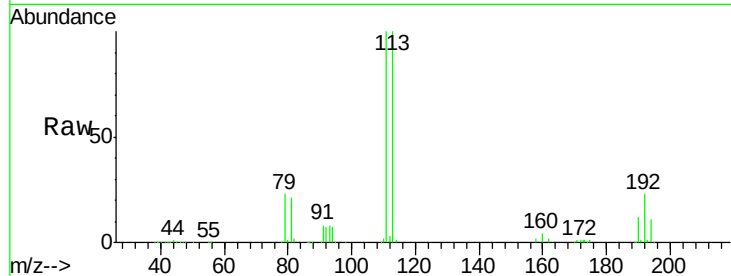
Tot Ion:113 Resp: 166177

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

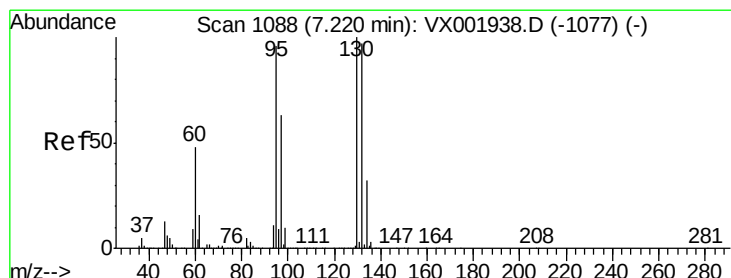
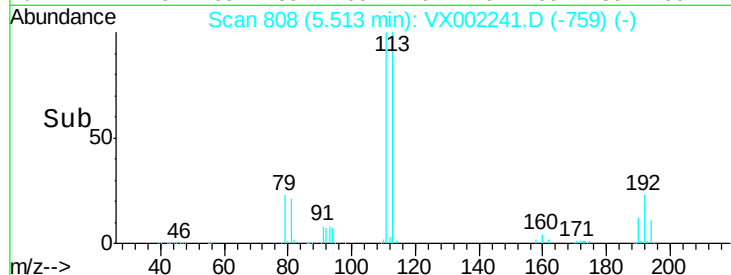
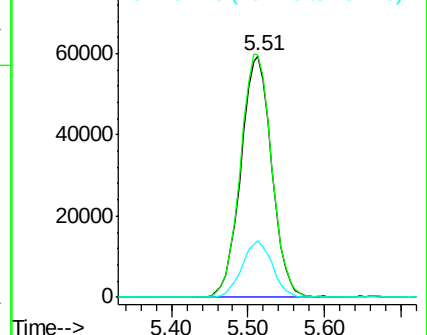
192 23.1 18.9 28.3



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: 11.246 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002241.D

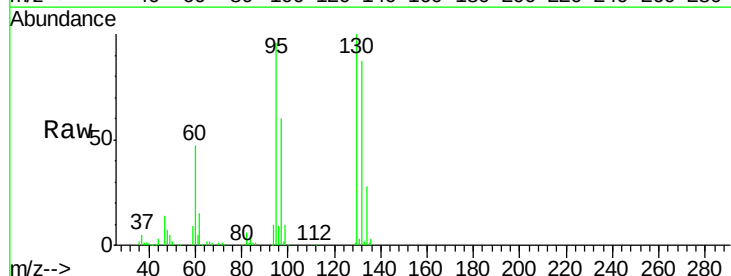
Acq: 02 Jun 2018 16:03

Tgt Ion:130 Resp: 47024

Ion Ratio Lower Upper

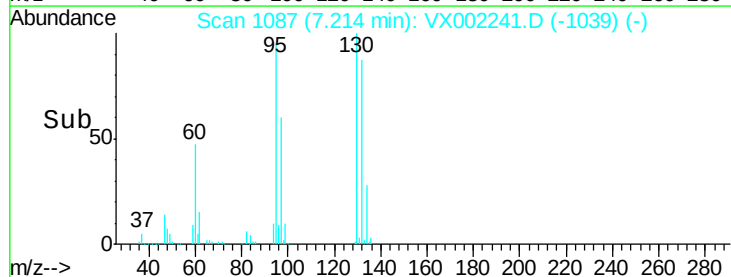
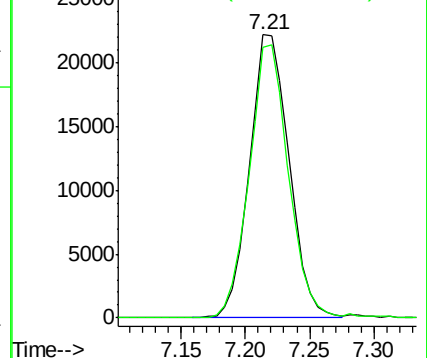
130 100

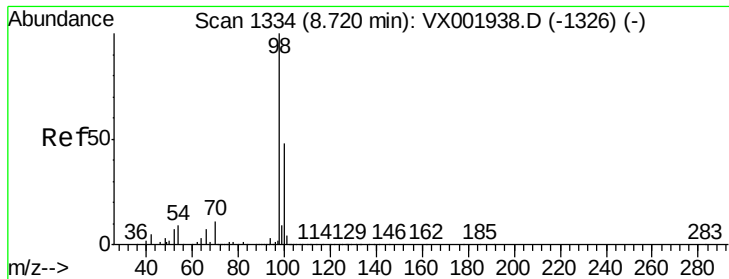
95 95.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.337 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

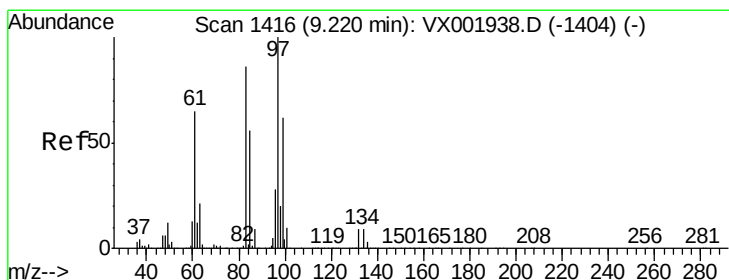
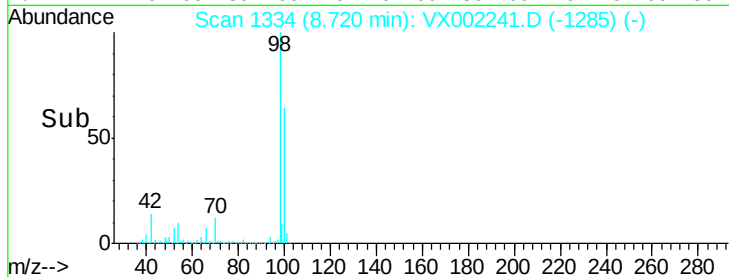
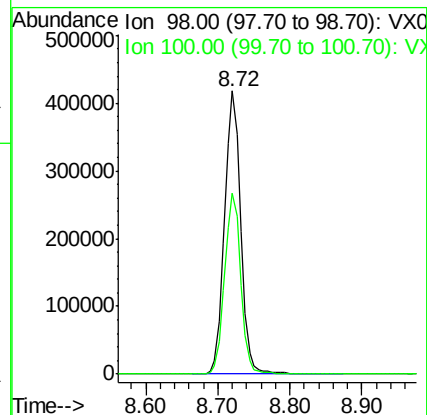
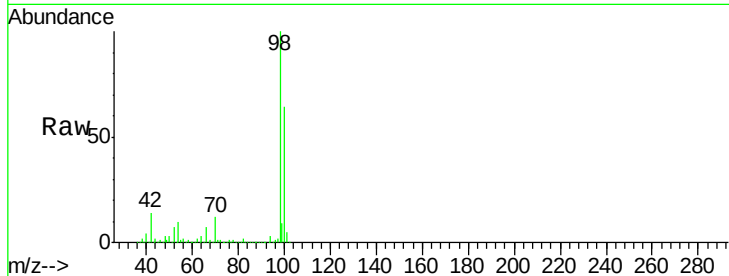
DUP-0463-180522

Tot Ion: 98 Resp: 654418

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#55

1,1,2-Trichloroethane

Concen: 0.349 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

Tgt Ion: 97 Resp: 1330

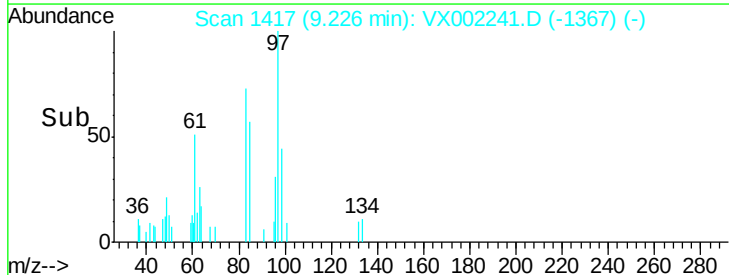
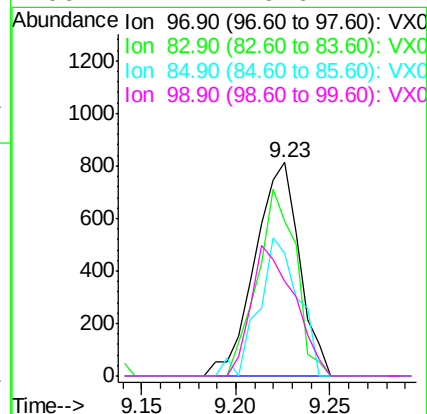
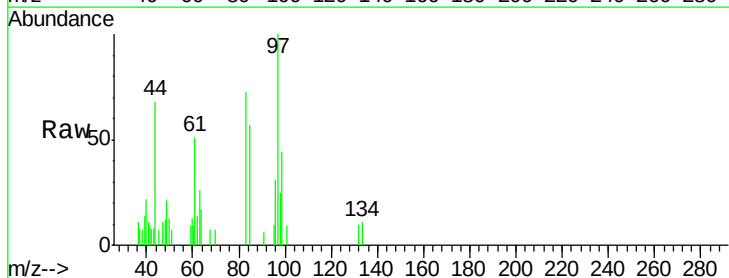
Ion Ratio Lower Upper

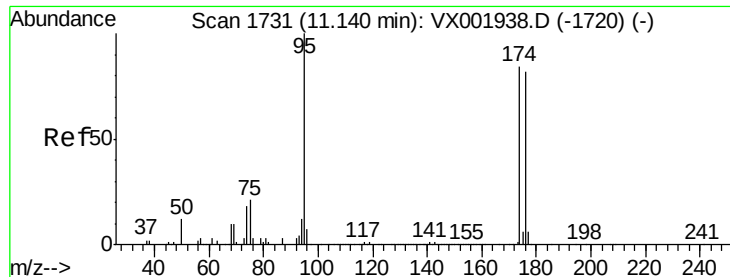
97 100

83 72.8 69.1 103.7

85 57.3 45.2 67.8

99 44.2 49.6 74.4#

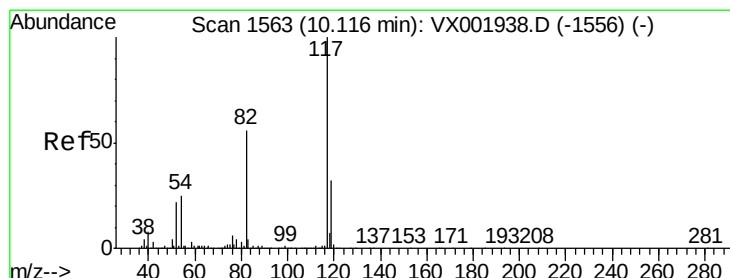
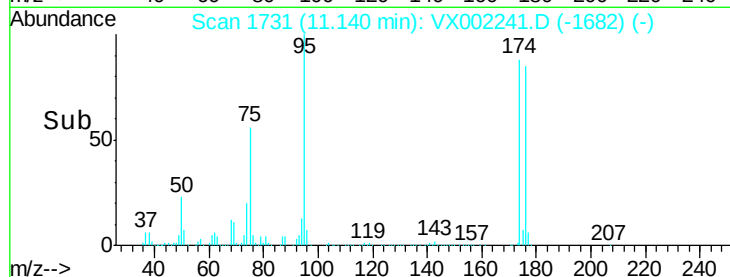
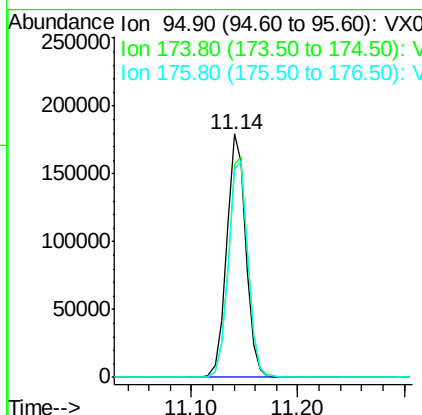
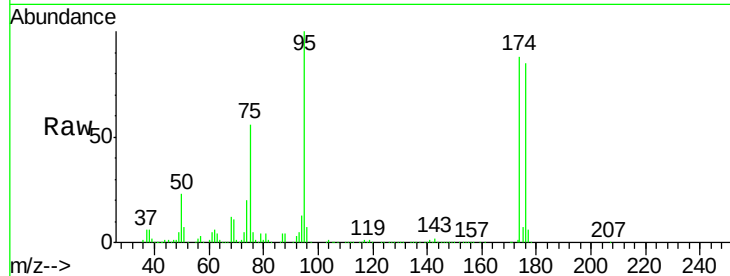




#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

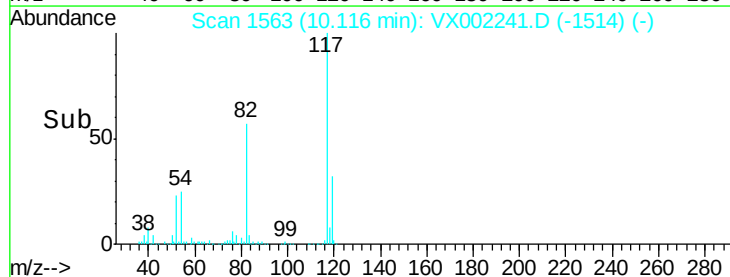
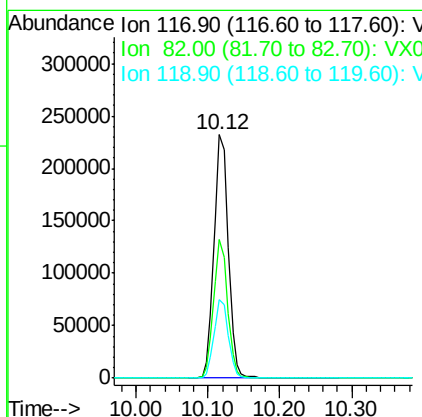
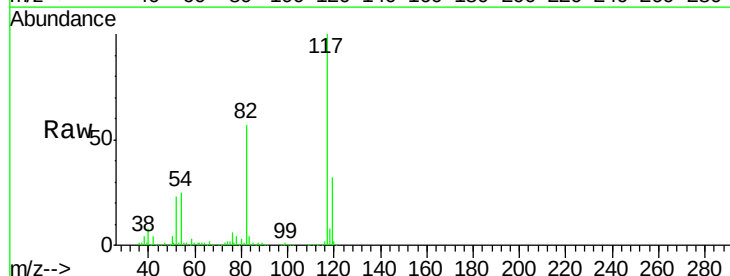
Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

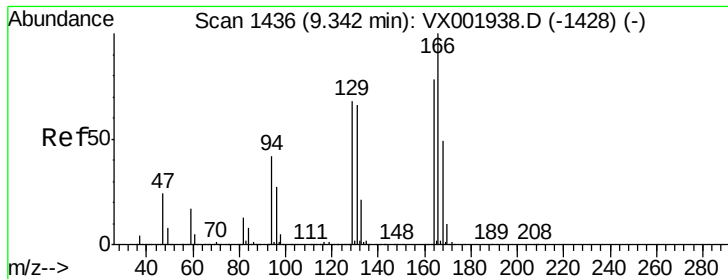
Tot Ion	95	Resp	225451
Ion Ratio	Lower	Upper	
95	100		
174	92.6	0.0	178.8
176	90.9	0.0	175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion	117	Resp	319888
Ion Ratio	Lower	Upper	
117	100		
82	57.0	44.8	67.2
119	32.4	25.5	38.3





#64

Tetrachloroethene

Concen: 1.764 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

DUP-0463-180522

Tot Ion:164 Resp: 8091

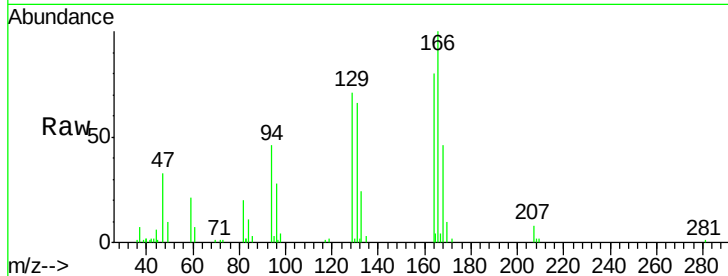
Ion Ratio Lower Upper

164 100

166 125.2 102.7 154.1

129 88.9 70.3 105.5

131 83.0 68.2 102.4



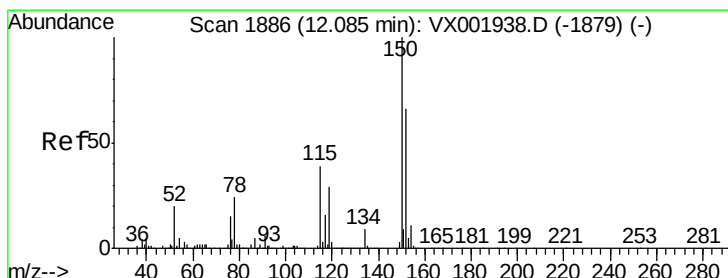
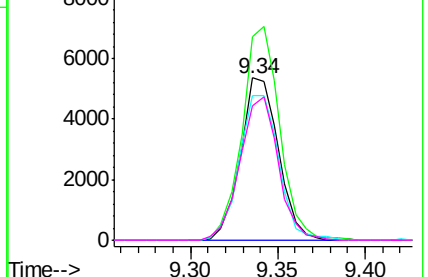
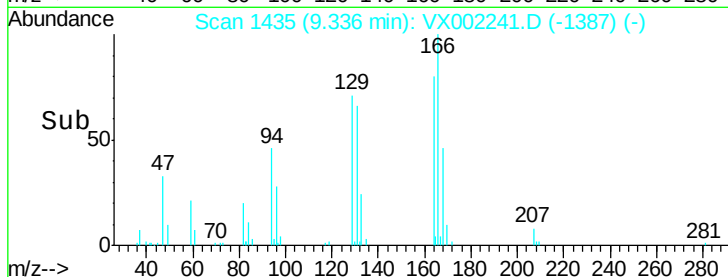
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002241.D

Acq: 02 Jun 2018 16:03

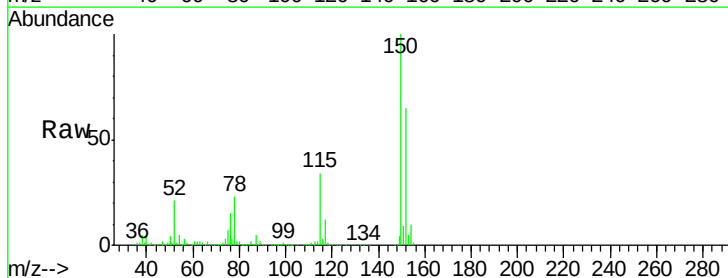
Tgt Ion:152 Resp: 173062

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 155.3 0.0 351.0



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

Time-->

