

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001646.D
 Acq On : 11 May 2018 18:21
 Operator : JC/MD
 Sample : J2741-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0453-180501

Quant Time: May 12 07:06:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

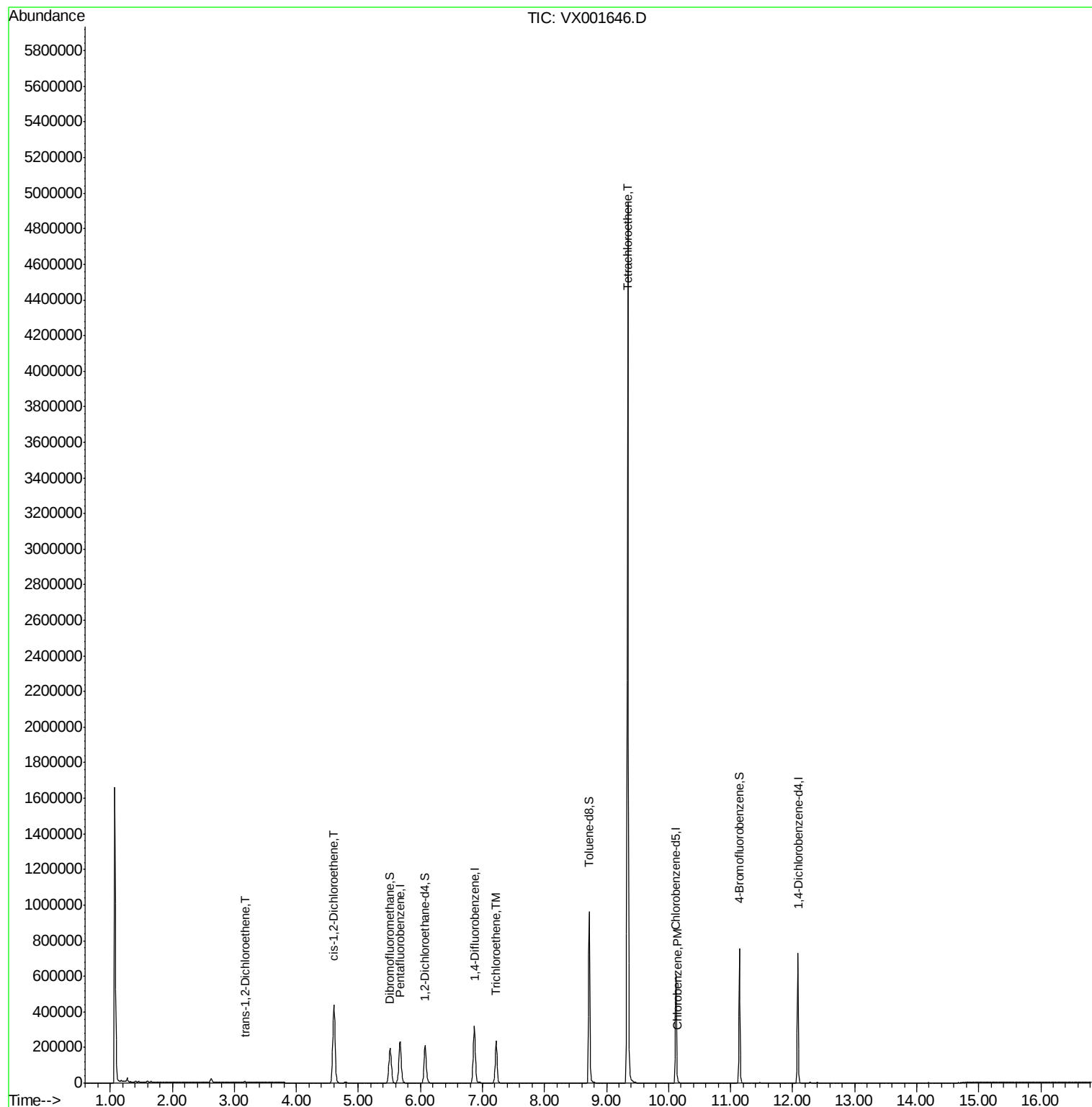
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199622	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
35) Dibromofluoromethane	5.51	113	158659	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
50) Toluene-d8	8.72	98	557038	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.15	95	184159	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2353	0.78	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	279255	87.47	ug/l	87
44) Trichloroethene	7.22	130	95475	25.39	ug/l	100
64) Tetrachloroethene	9.34	164	1013923	249.34	ug/l	99
65) Chlorobenzene	10.15	112	4077	0.48	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

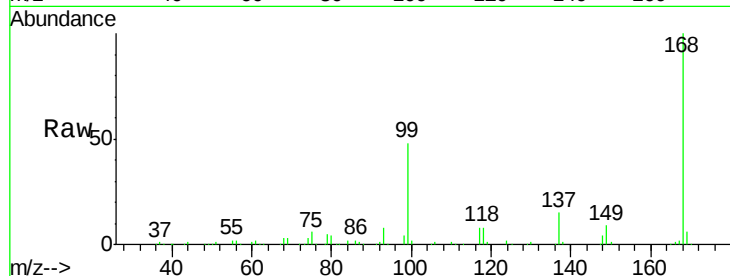
DUP-0453-180501

Tot Ion:168 Resp: 242738

Ion Ratio Lower Upper

168 100

99 48.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

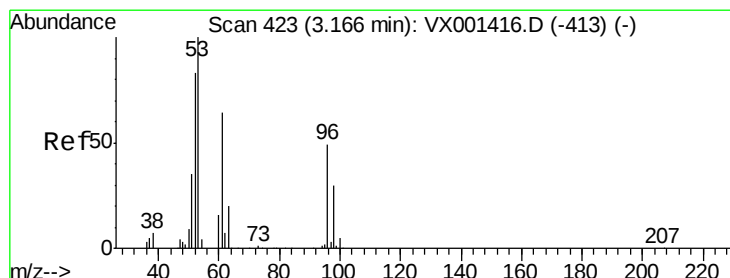
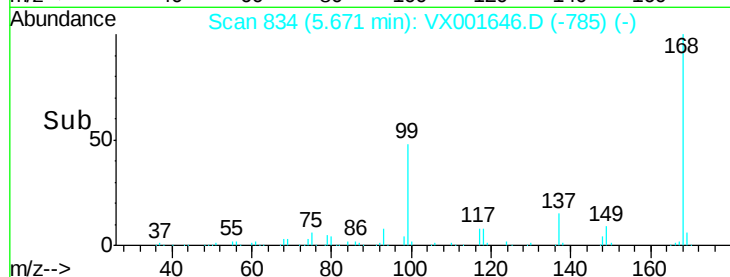
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.78 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

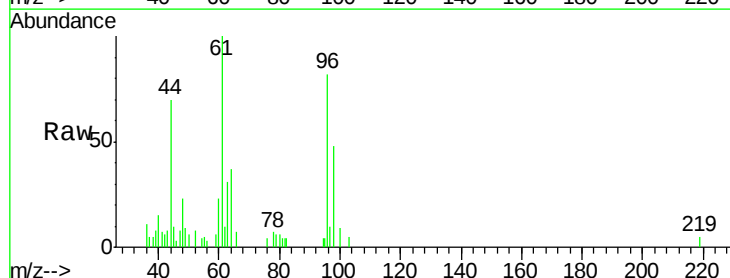
Tgt Ion: 96 Resp: 2353

Ion Ratio Lower Upper

96 100

61 122.4 105.0 157.4

98 58.8 49.9 74.9



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

3.17

2000

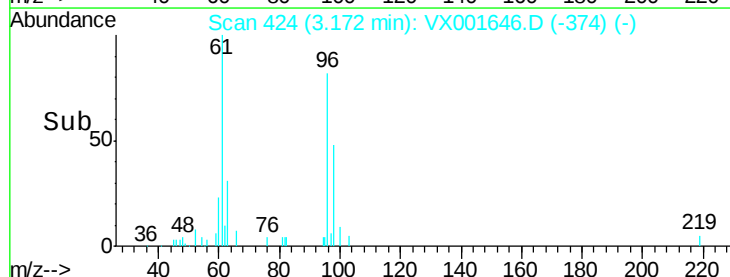
1500

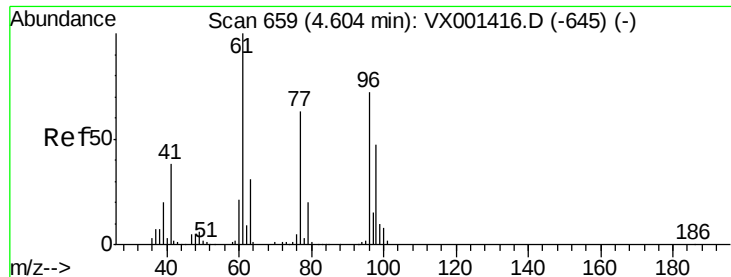
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 87.47 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

DUP-0453-180501

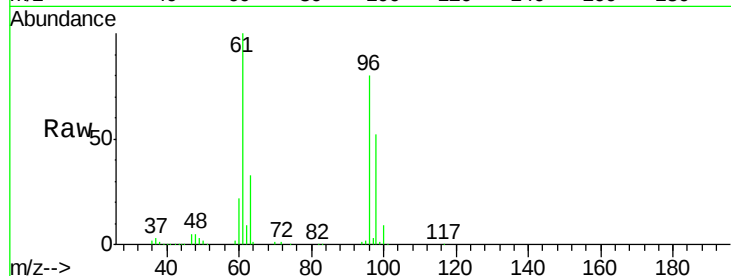
Tot Ion: 96 Resp: 279255

Ion Ratio Lower Upper

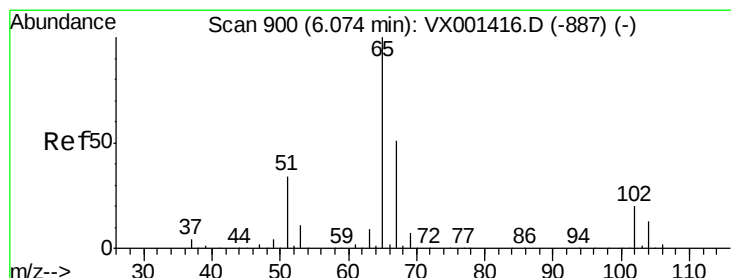
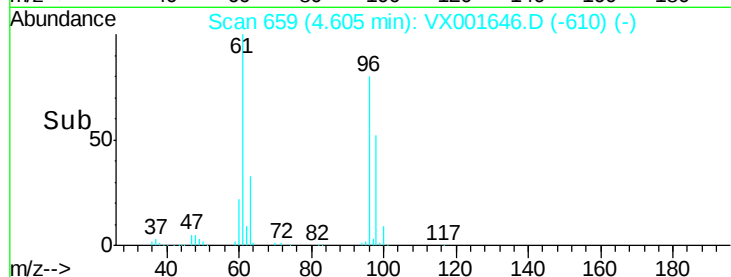
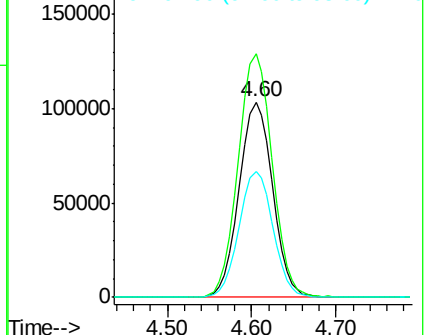
96 100

61 126.9 0.0 301.6

98 65.3 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 57.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001646.D

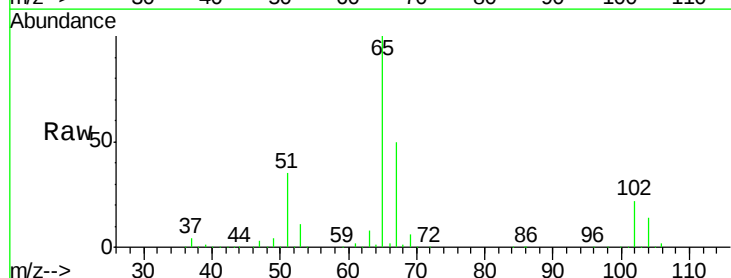
Acq: 11 May 2018 18:21

Tgt Ion: 65 Resp: 199622

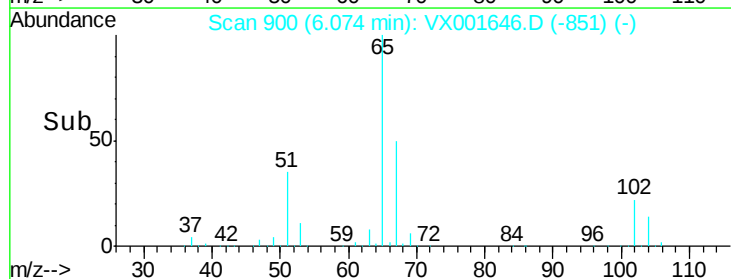
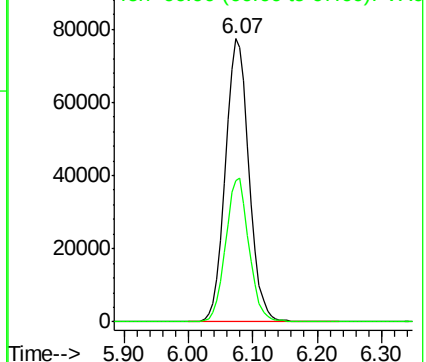
Ion Ratio Lower Upper

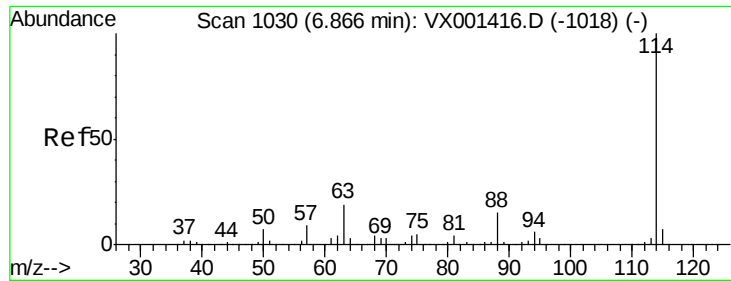
65 100

67 50.4 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

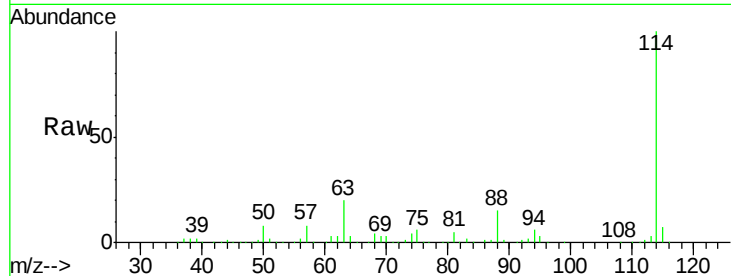




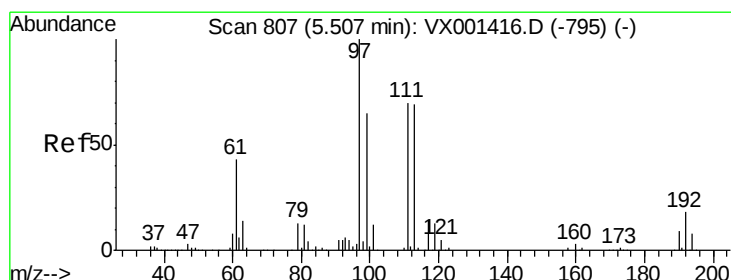
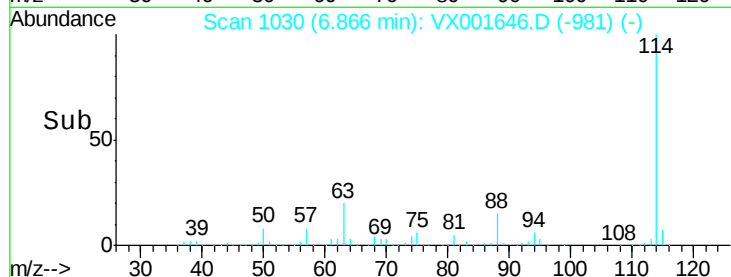
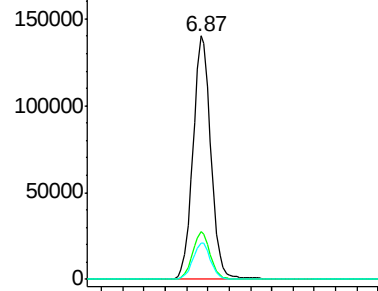
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001646.D
 Acq: 11 May 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0453-180501

Tot Ion:114 Resp: 331157
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.1 0.0 30.8

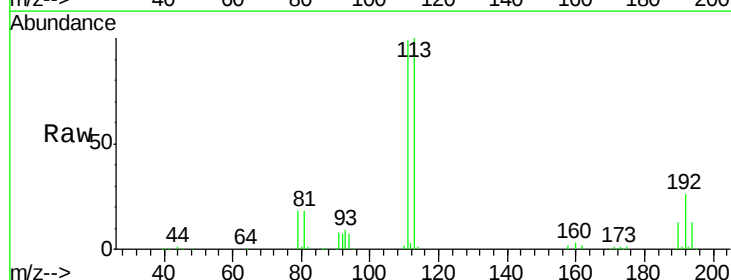


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

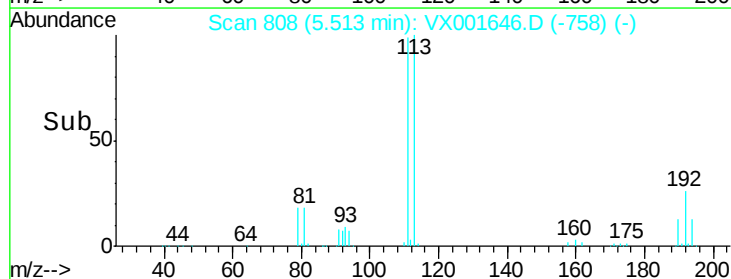
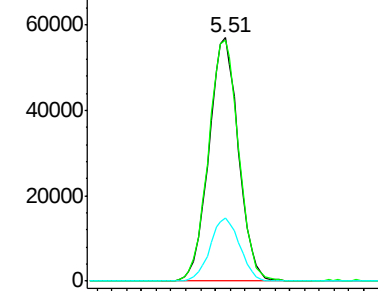


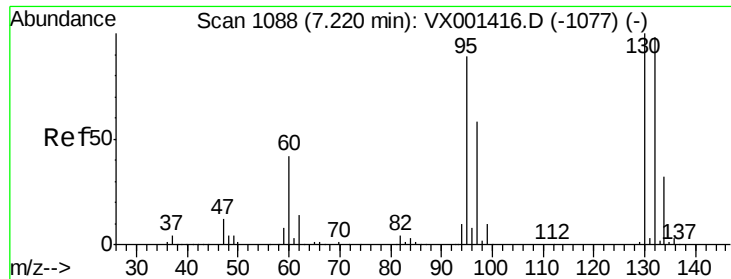
#35
 Dibromofluoromethane
 Concen: 53.86 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001646.D
 Acq: 11 May 2018 18:21

Tgt Ion:113 Resp: 158659
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 26.0 21.4 32.0



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: 25.39 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

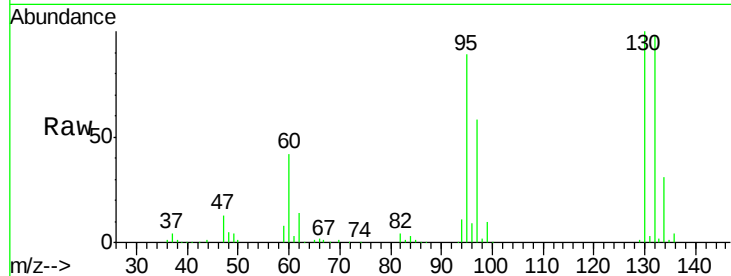
DUP-0453-180501

Tot Ion:130 Resp: 95475

Ion Ratio Lower Upper

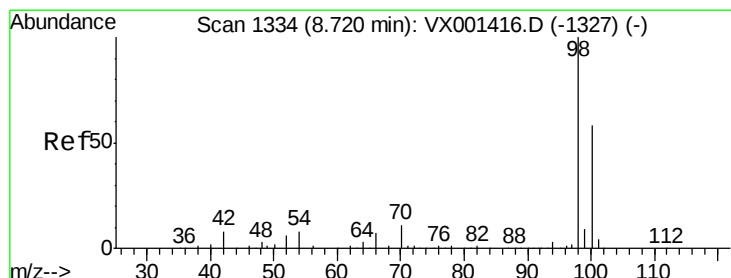
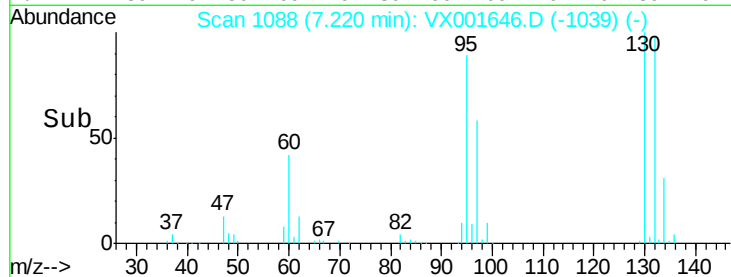
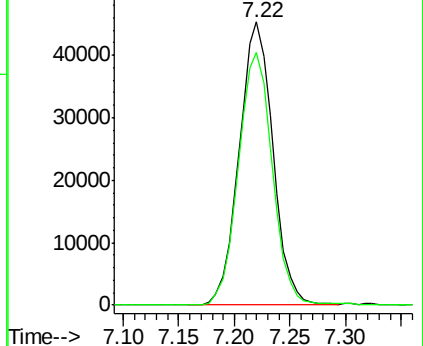
130 100

95 89.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.81 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001646.D

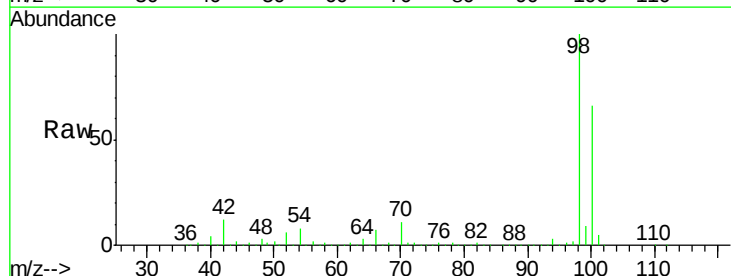
Acq: 11 May 2018 18:21

Tgt Ion: 98 Resp: 557038

Ion Ratio Lower Upper

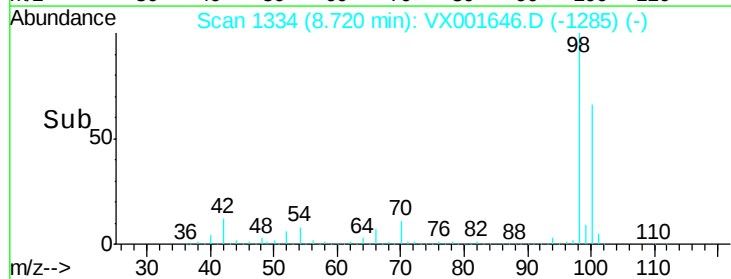
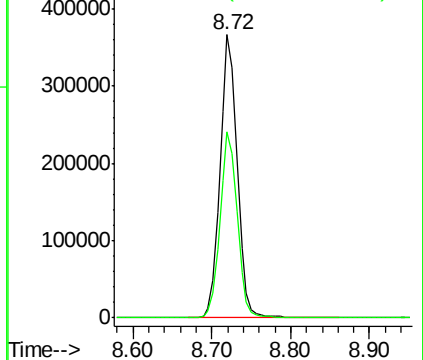
98 100

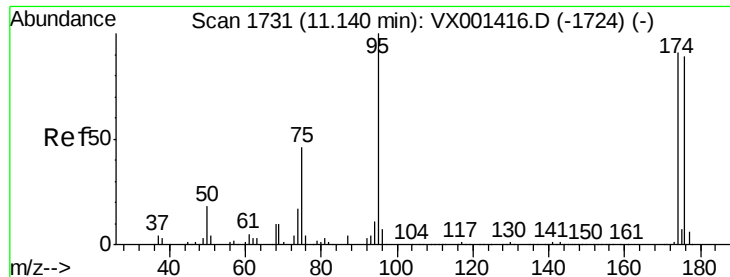
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

DUP-0453-180501

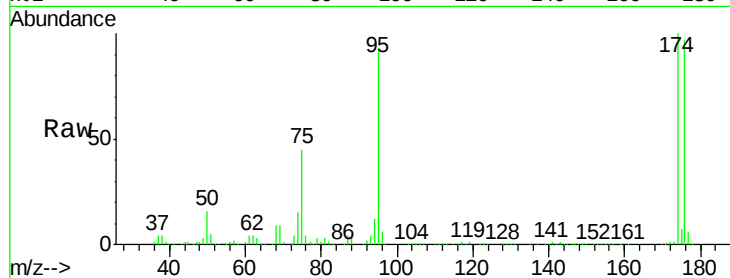
Tot Ion: 95 Resp: 184159

Ion Ratio Lower Upper

95 100

174 100.6 0.0 202.0

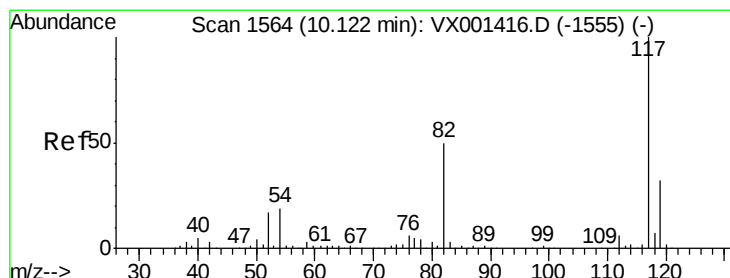
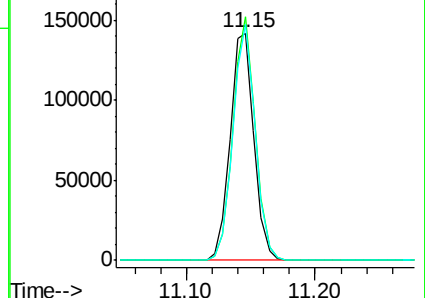
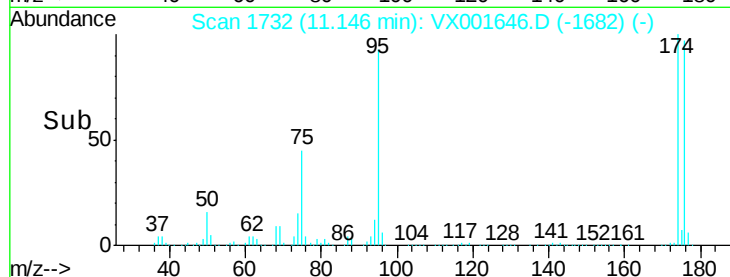
176 97.9 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001646.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001646.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001646.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001646.D

Acq: 11 May 2018 18:21

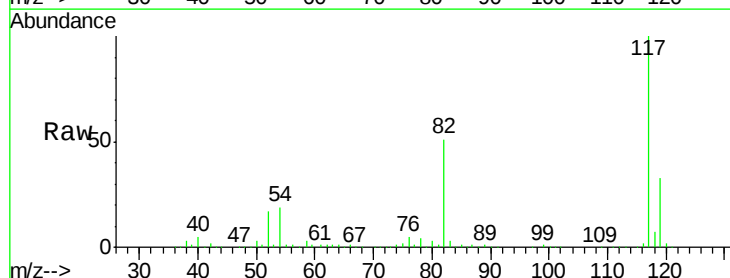
Tgt Ion: 117 Resp: 291739

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

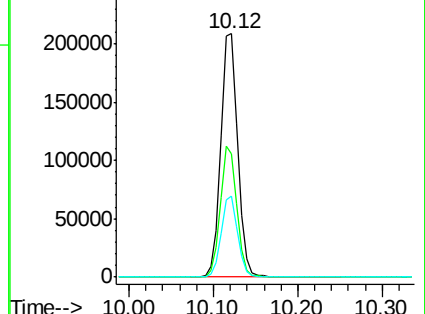
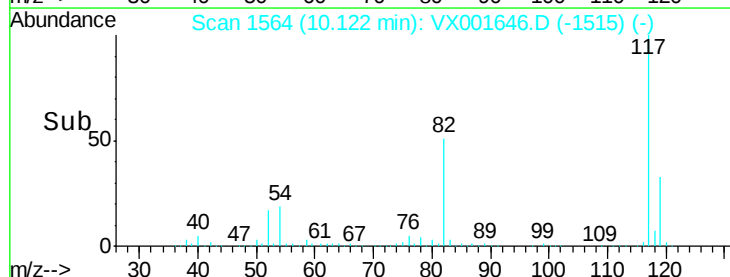
119 33.2 25.8 38.8

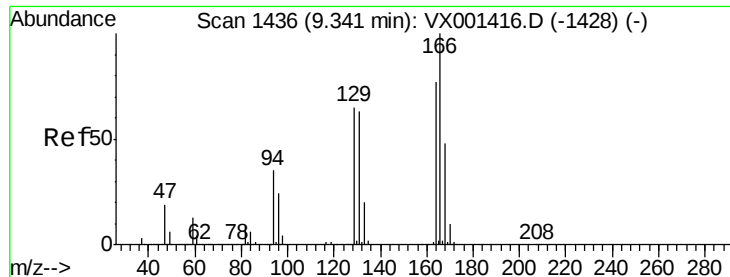


Abundance Ion 116.90 (116.60 to 117.60): VX001646.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001646.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001646.D (-1515) (-)

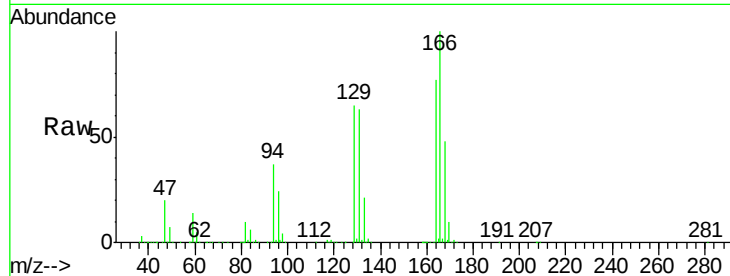




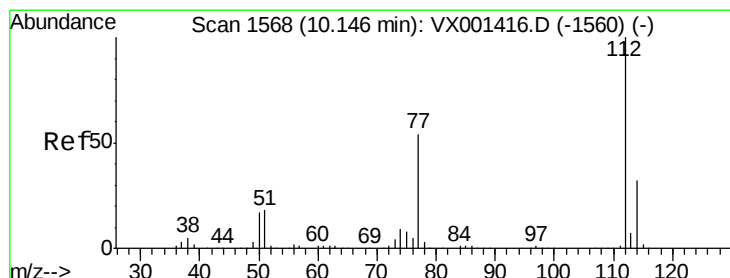
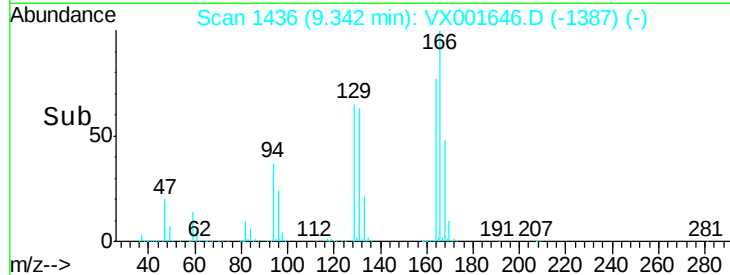
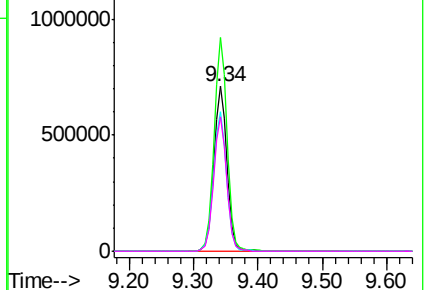
#64
Tetrachloroethene
Concen: 249.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001646.D
Acq: 11 May 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
DUP-0453-180501

Tot Ion:164 Resp: 1013923
Ion Ratio Lower Upper
164 100
166 129.5 103.5 155.3
129 84.3 66.7 100.1
131 81.8 64.9 97.3

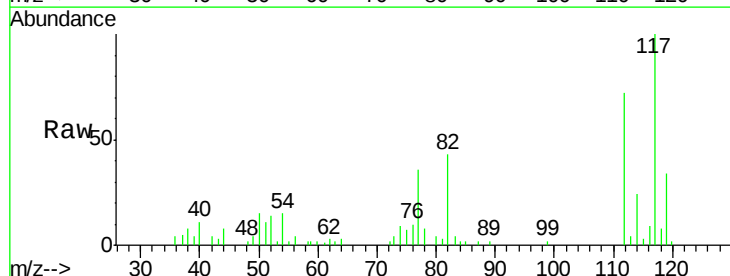


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

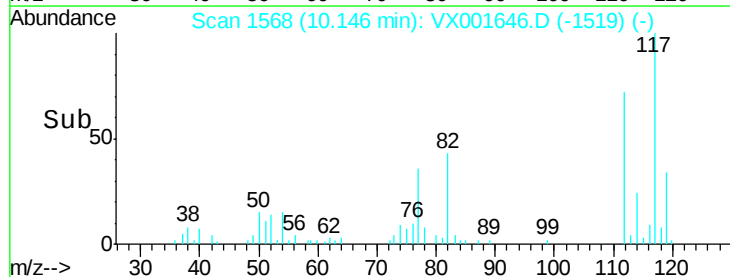
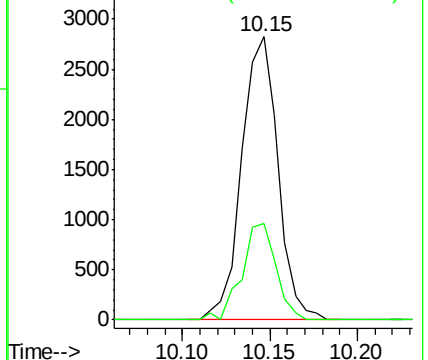


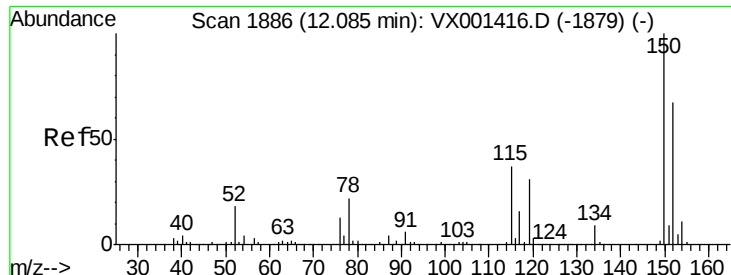
#65
Chlorobenzene
Concen: 0.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001646.D
Acq: 11 May 2018 18:21

Tgt Ion:112 Resp: 4077
Ion Ratio Lower Upper
112 100
114 34.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001646.D
 Acq: 11 May 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0453-180501

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.2	37.7	113.1
150	153.8	0.0	349.4

