

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005185.D
 Acq On : 10 Oct 2018 03:51
 Operator : JC/MD
 Sample : J5284-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

Quant Time: Oct 10 16:26:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	134169	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	5.51	113	118223	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	405217	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	140403	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	

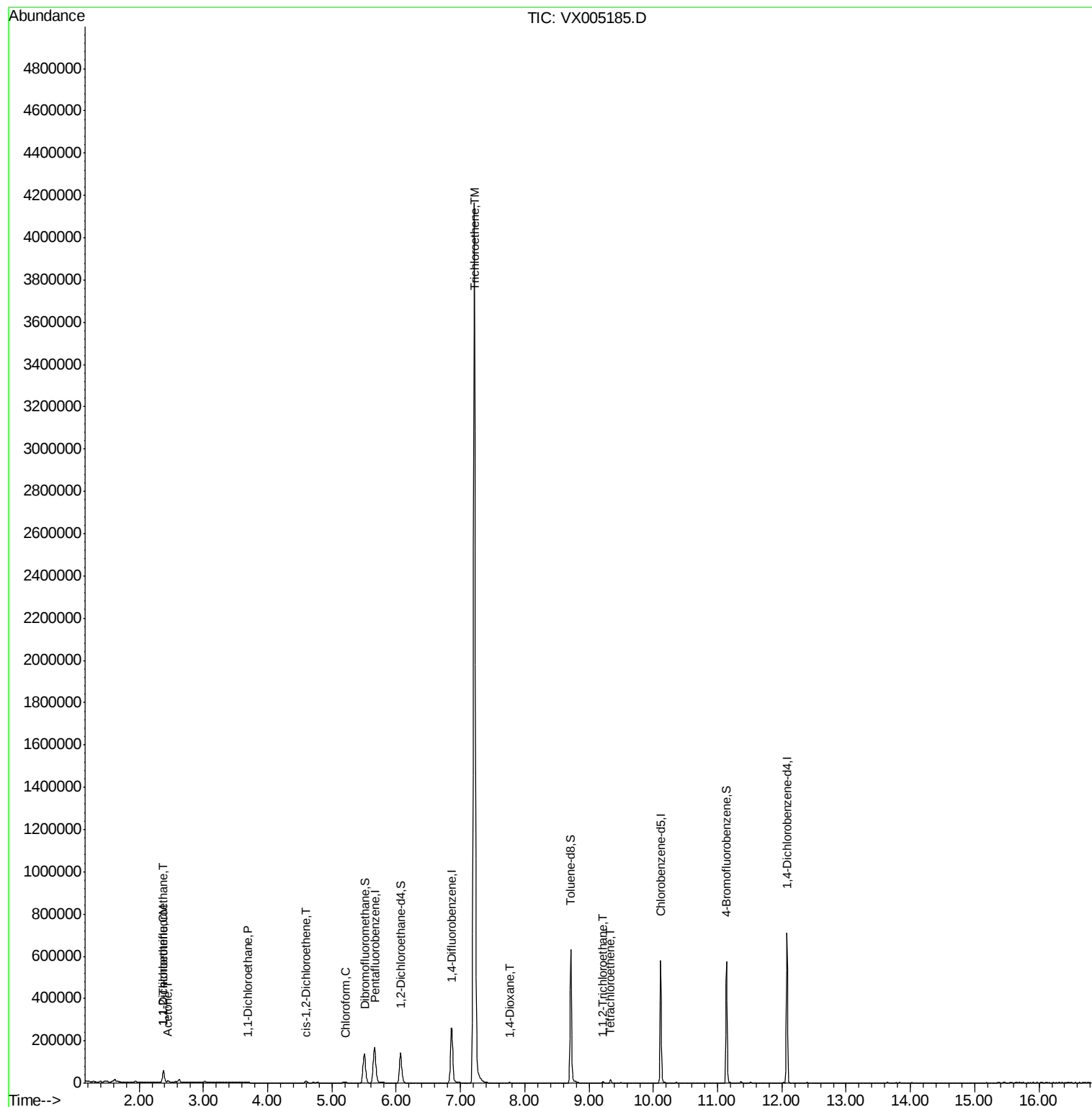
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	12323	6.369	ug/l	99
12) 1,1-Dichloroethene	2.37	96	9256	4.830	ug/l	99
16) Acetone	2.45	43	4397	2.981	ug/l	97
24) 1,1-Dichloroethane	3.70	63	5088	1.211	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	4907	2.094	ug/l	87
30) Chloroform	5.22	83	3770	0.950	ug/l	100
44) Trichloroethene	7.21	130	1664565	679.250	ug/l	97
49) 1,4-Dioxane	7.76	88	2104	30.585	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	2079	0.866	ug/l #	93
64) Tetrachloroethene	9.34	164	2397	0.895	ug/l	91

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

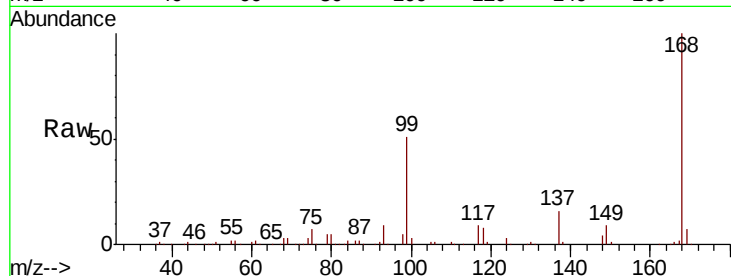
TT-DUP02-20181003

Tot Ion:168 Resp: 176852

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

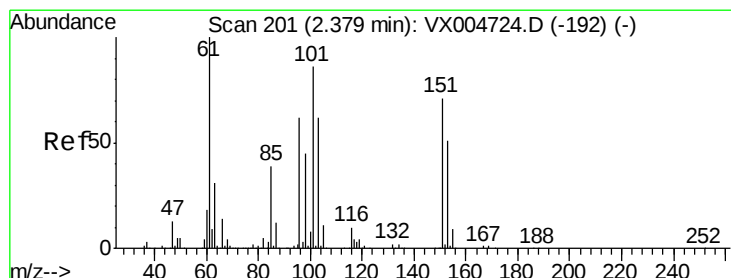
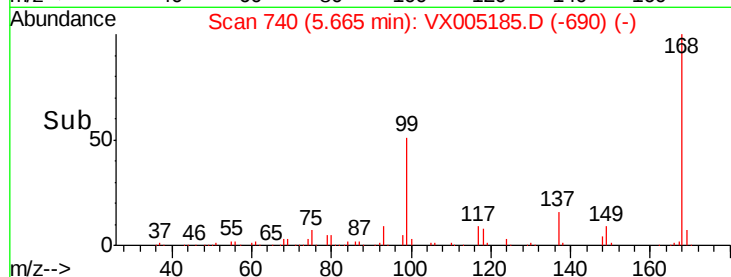
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.369 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

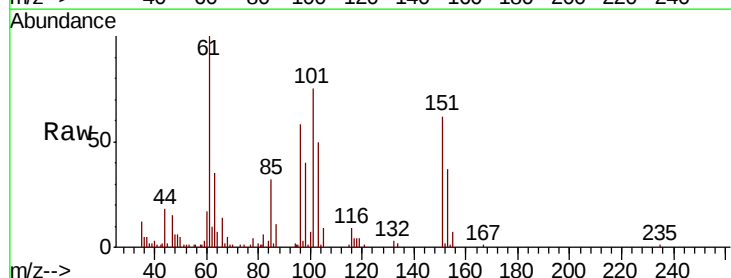
Tgt Ion:101 Resp: 12323

Ion Ratio Lower Upper

101 100

85 45.4 35.9 53.9

151 84.8 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

8000

6000

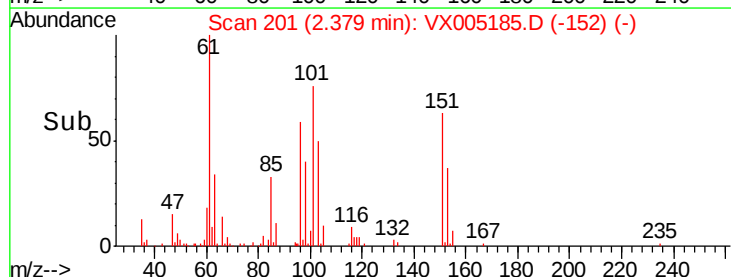
4000

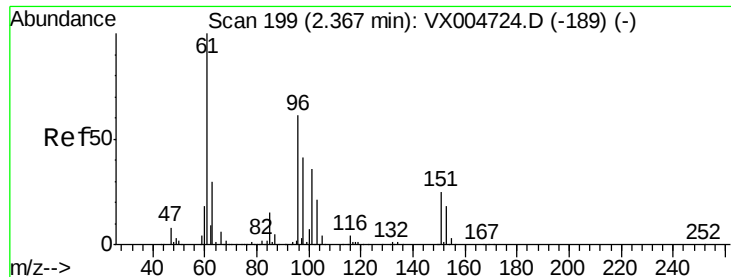
2000

0

Time-->

2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 4.830 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

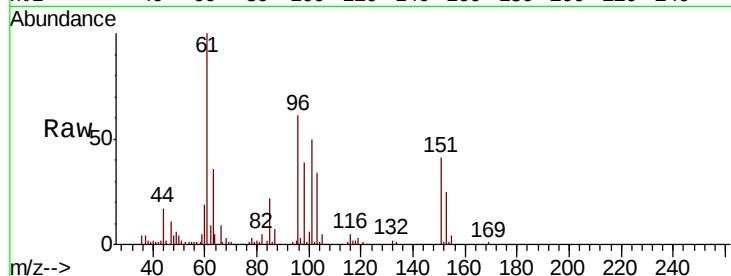
Tot Ion: 96 Resp: 9256

Ion Ratio Lower Upper

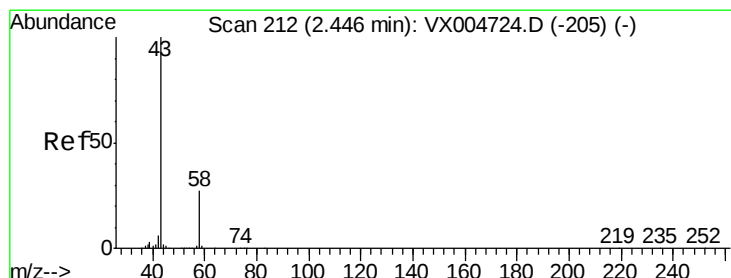
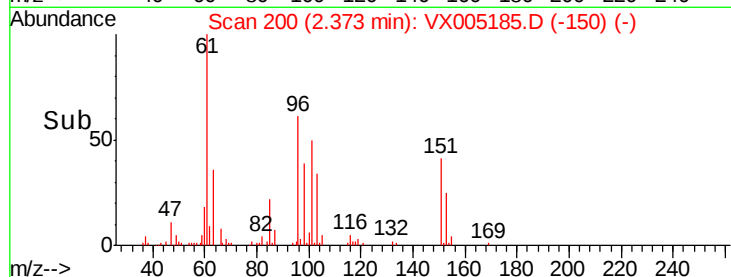
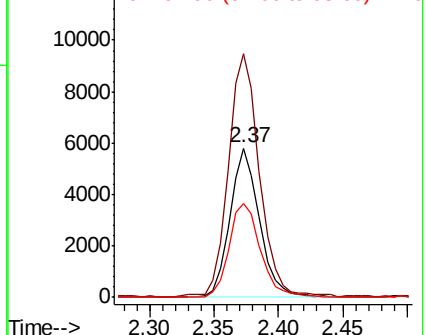
96 100

61 163.3 130.2 195.4

98 63.4 53.4 80.0



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



#16

Acetone

Concen: 2.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005185.D

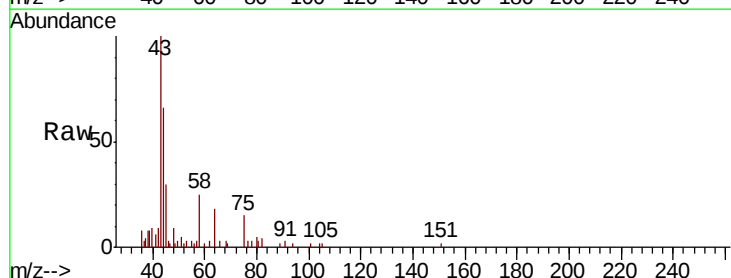
Acq: 10 Oct 2018 03:51

Tgt Ion: 43 Resp: 4397

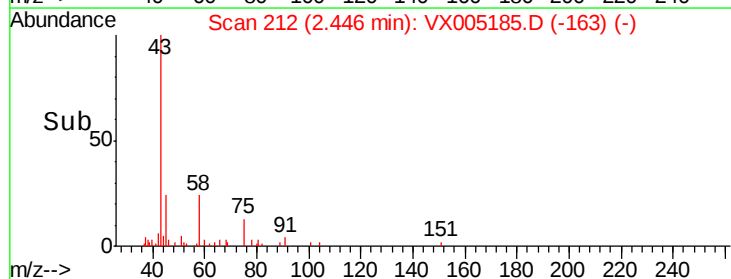
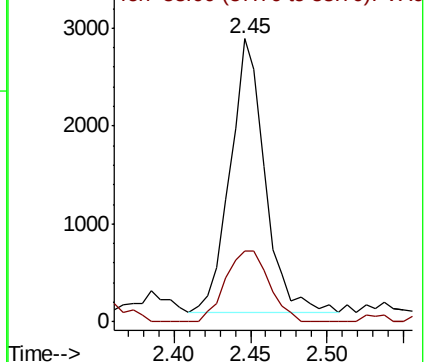
Ion Ratio Lower Upper

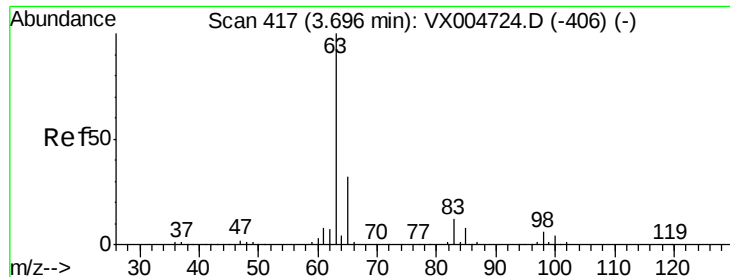
43 100

58 25.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 1.211 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

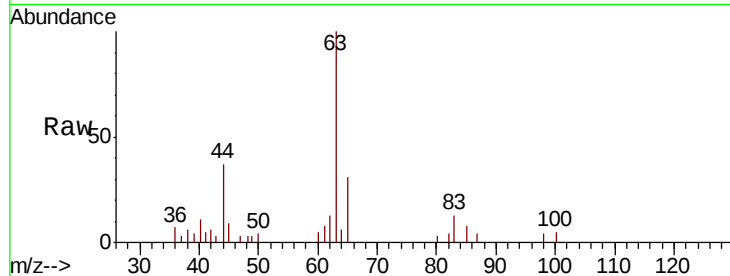
Tot Ion: 63 Resp: 5088

Ion Ratio Lower Upper

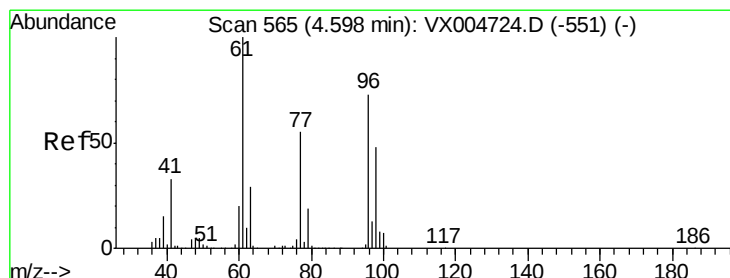
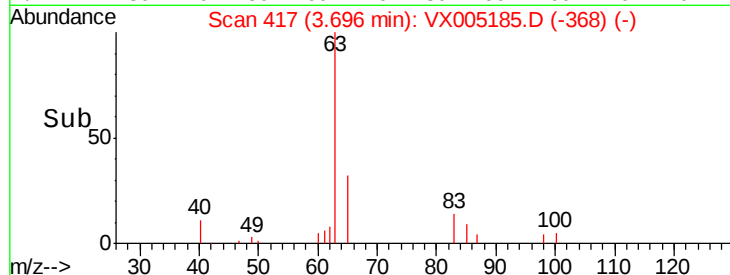
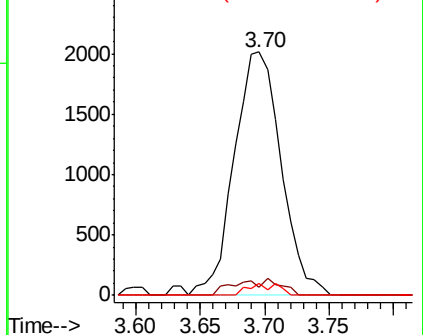
63 100

98 3.5 3.0 9.2

100 4.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.094 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

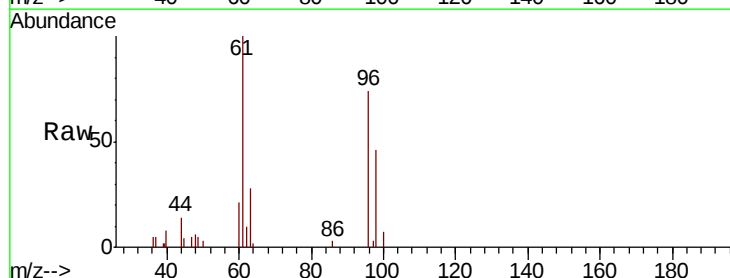
Tgt Ion: 96 Resp: 4907

Ion Ratio Lower Upper

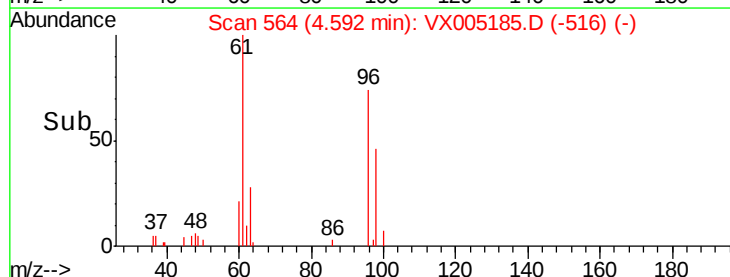
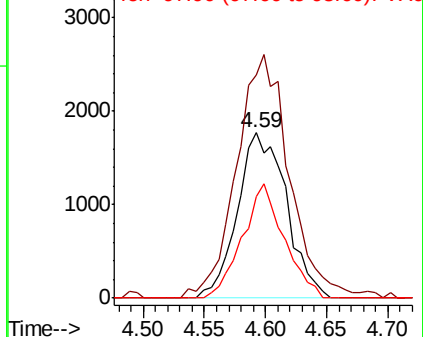
96 100

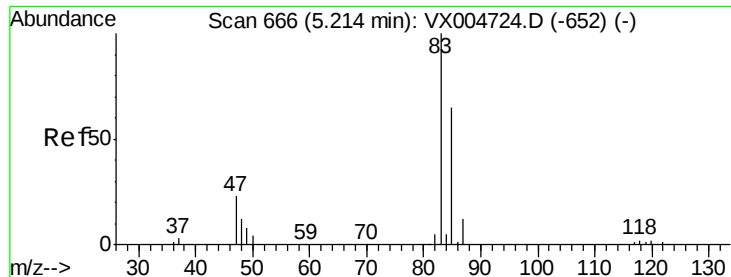
61 160.6 0.0 285.8

98 59.2 0.0 136.2



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

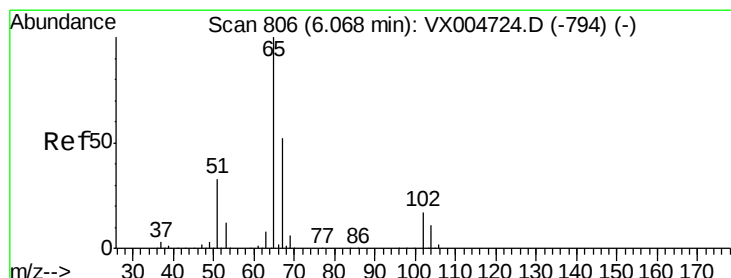
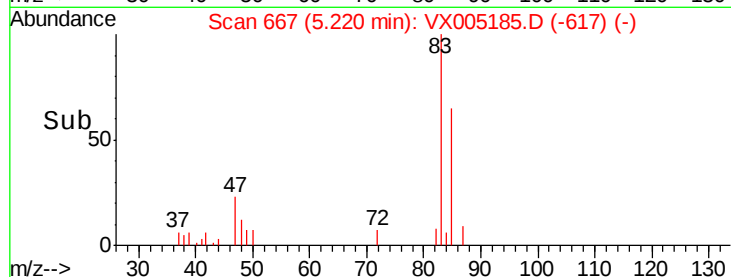
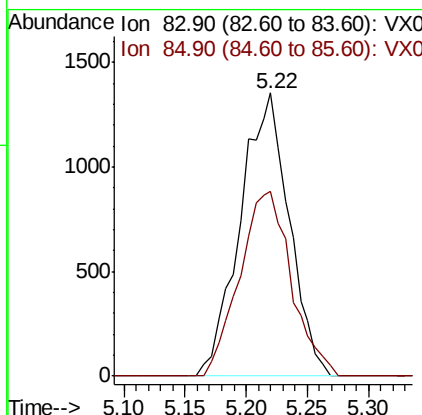
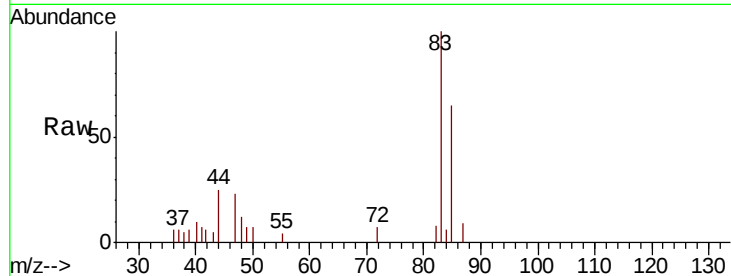




#30
Chloroform
Concen: 0.950 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

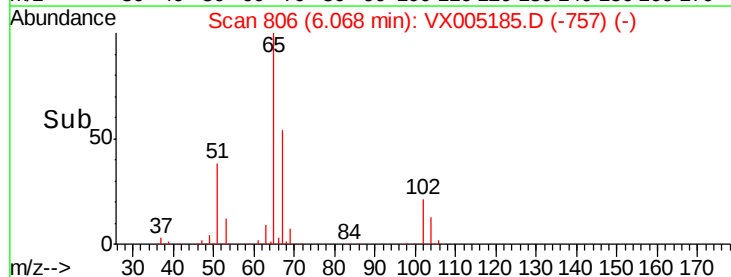
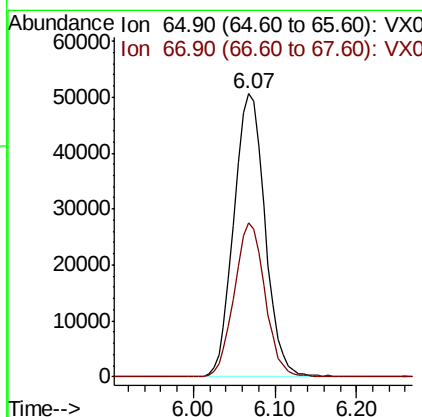
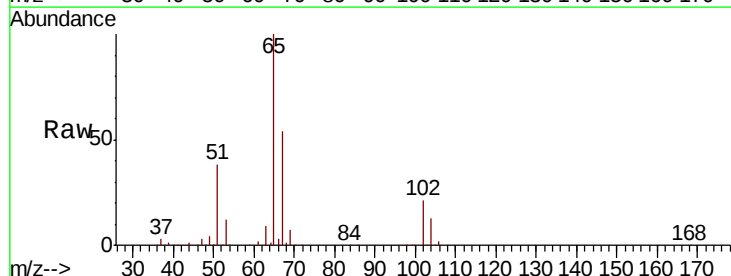
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

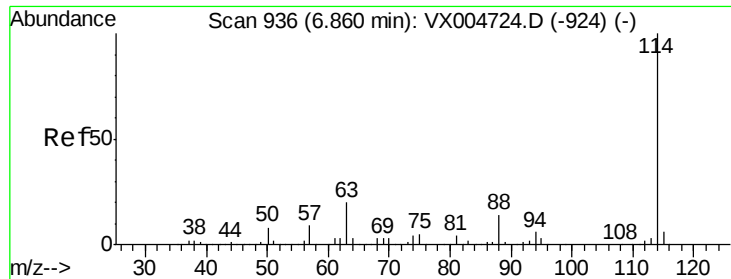
Tot Ion: 83 Resp: 3770
Ion Ratio Lower Upper
83 100
85 65.4 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 53.108 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion: 65 Resp: 134169
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4

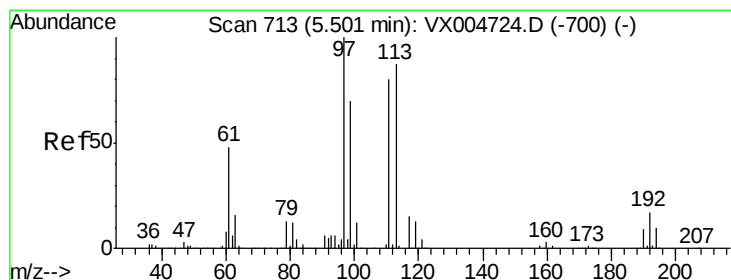
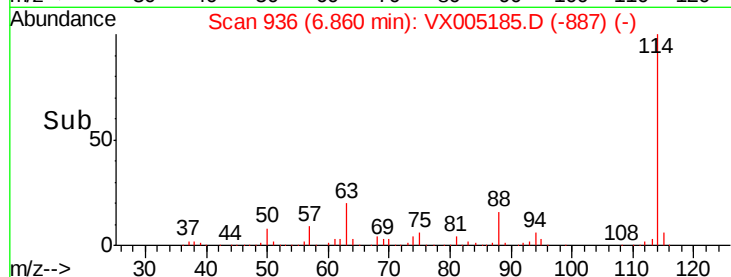
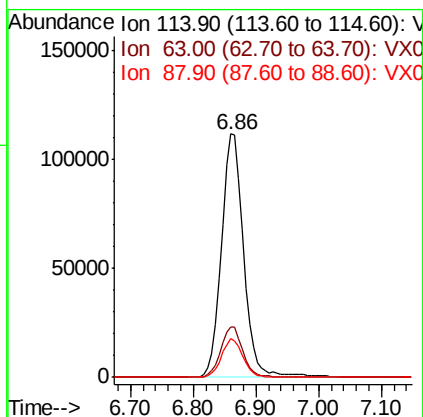
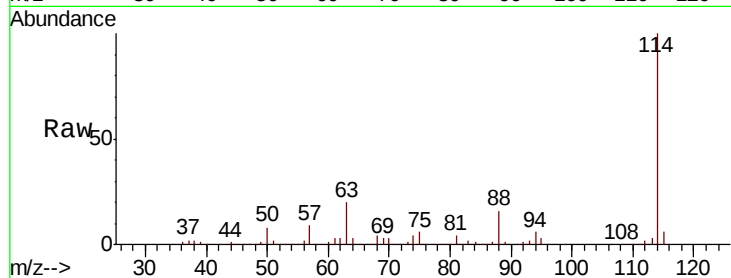




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

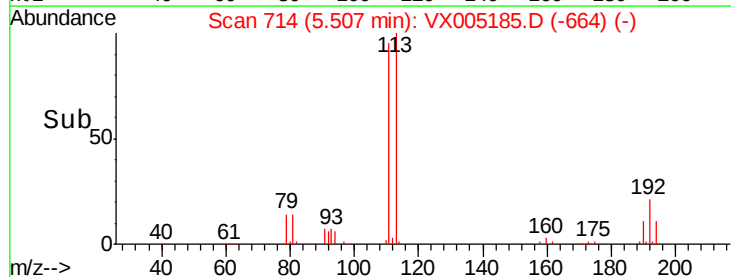
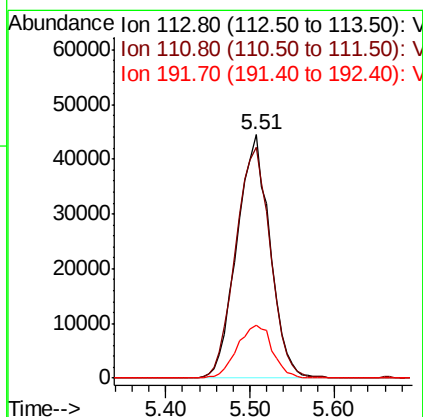
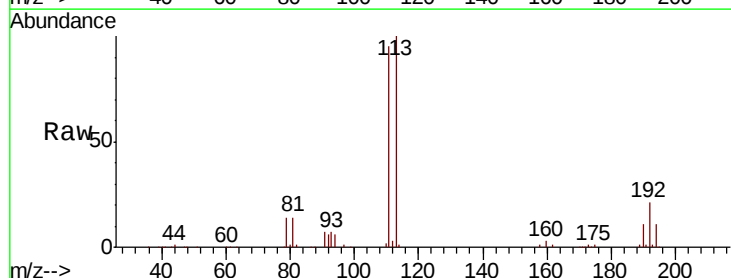
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

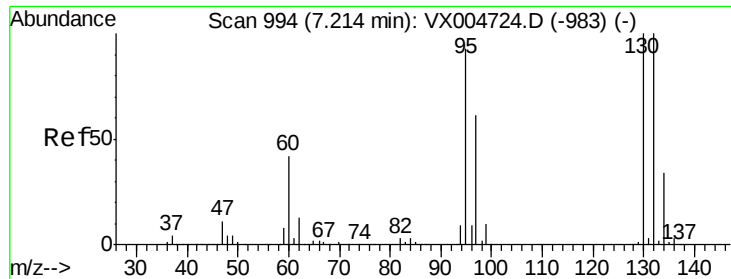
Tot Ion:114 Resp: 275369
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.8 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 50.657 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion:113 Resp: 118223
 Ion Ratio Lower Upper
 113 100
 111 99.6 77.0 115.4
 192 23.1 17.0 25.6





#44

Trichloroethene

Concen: 679.250 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

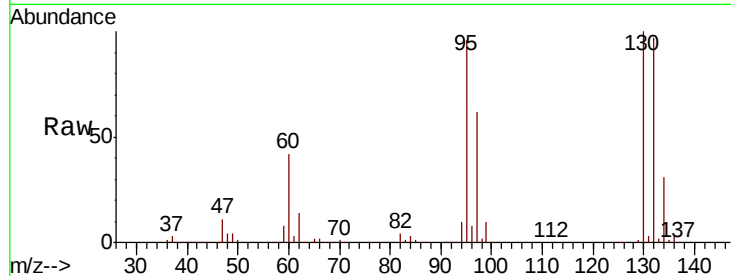
TT-DUP02-20181003

Tot Ion:130 Resp: 1664565

Ion Ratio Lower Upper

130 100

95 96.5 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800000

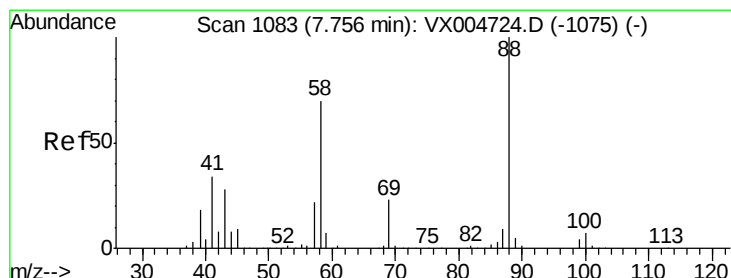
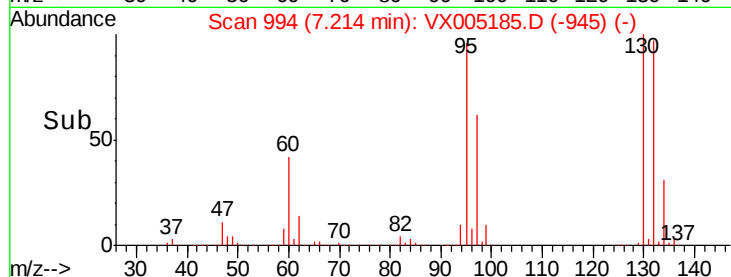
600000

400000

200000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 30.585 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

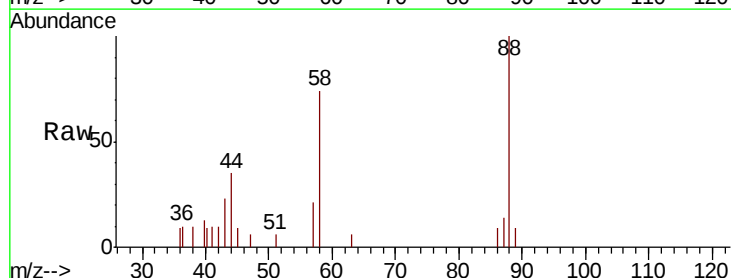
Tgt Ion: 88 Resp: 2104

Ion Ratio Lower Upper

88 100

43 38.6 25.1 37.7#

58 76.9 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

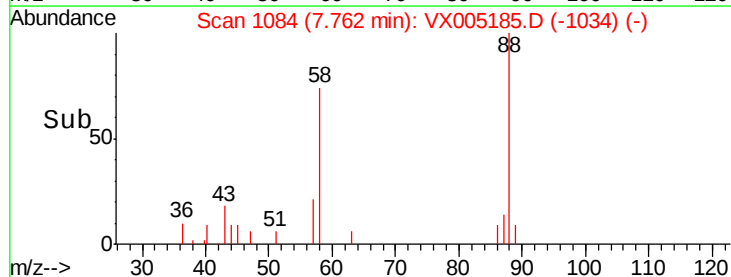
7.76

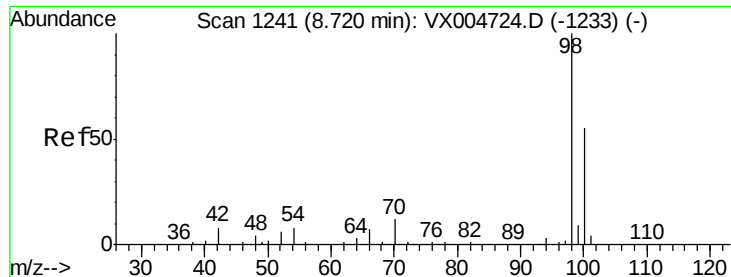
1000

500

0

Time--> 7.70 7.75 7.80





#50

Toluene-d8

Concen: 52.228 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

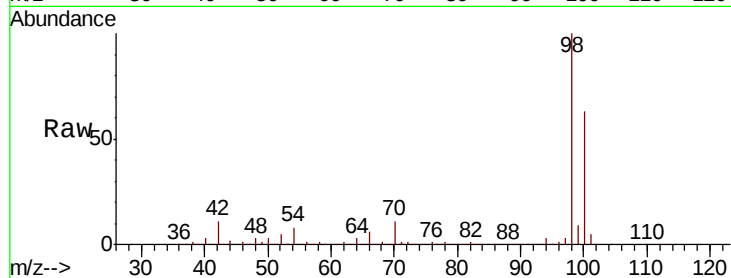
TT-DUP02-20181003

Tot Ion: 98 Resp: 405217

Ion Ratio Lower Upper

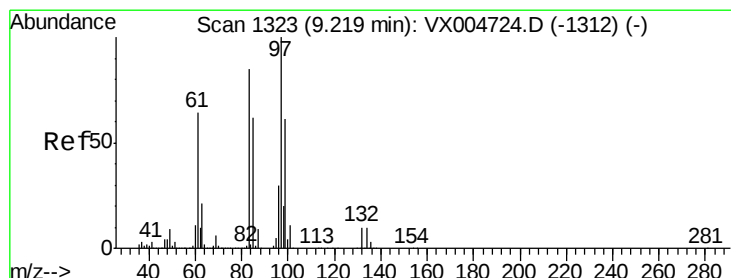
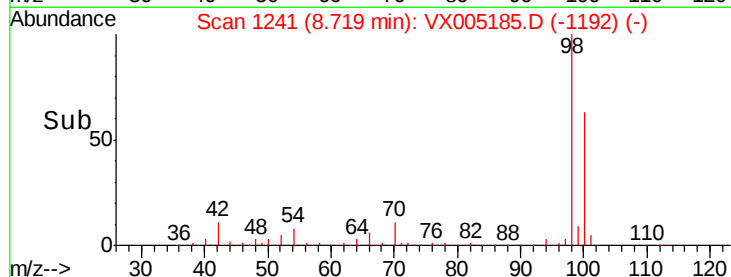
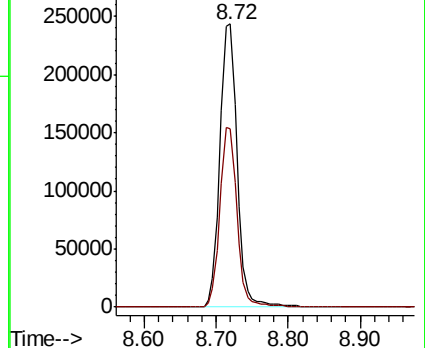
98 100

100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#55

1,1,2-Trichloroethane

Concen: 0.866 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Tgt Ion: 97 Resp: 2079

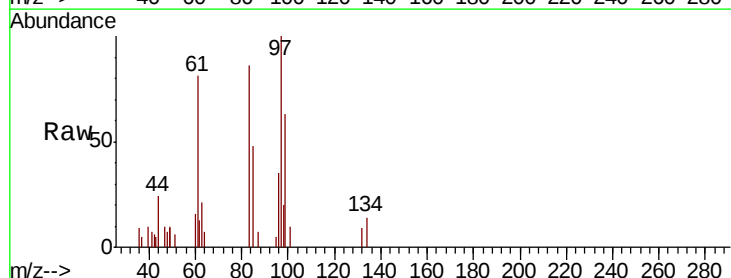
Ion Ratio Lower Upper

97 100

83 85.8 68.2 102.2

85 47.6 49.9 74.9#

99 63.3 48.9 73.3

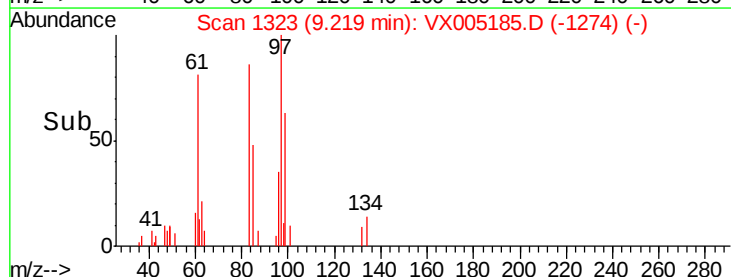
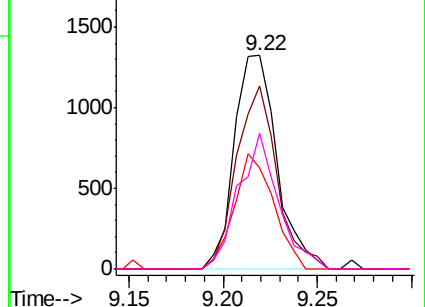


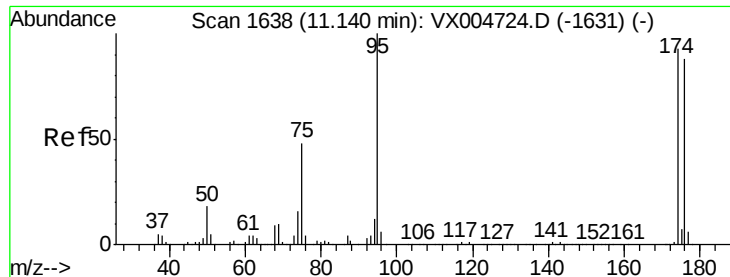
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

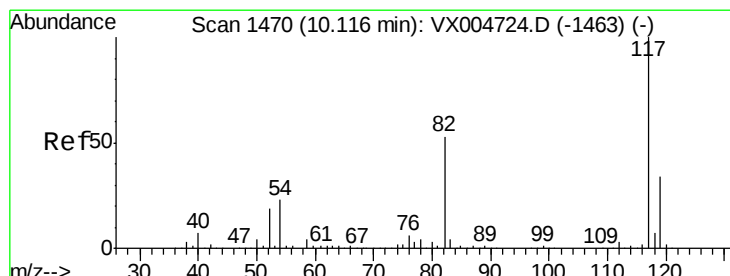
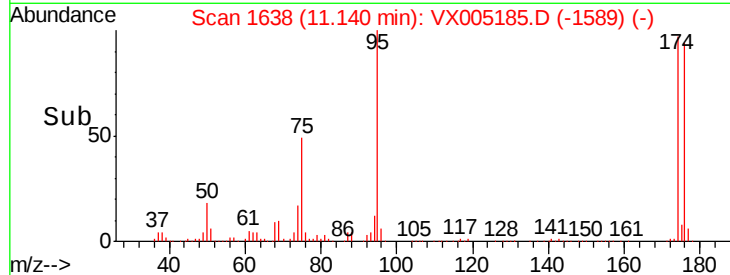
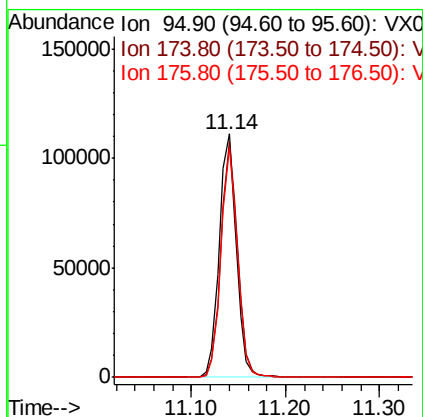
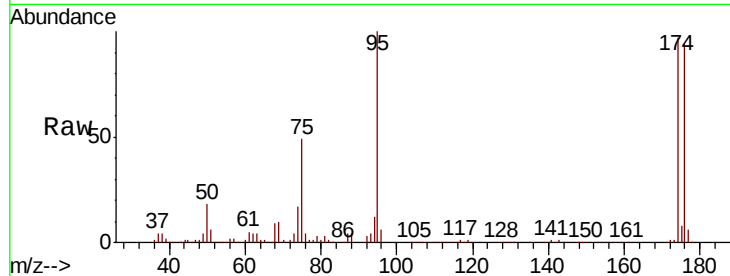




#62
 4-Bromofluorobenzene
 Concen: 50.232 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

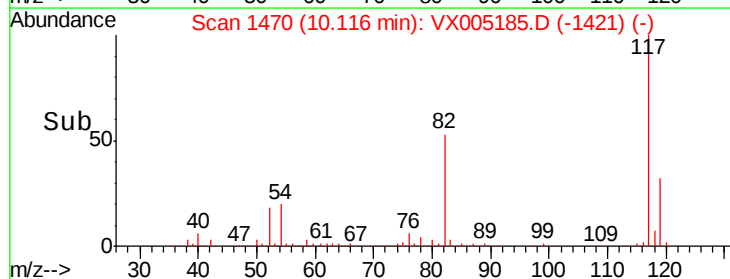
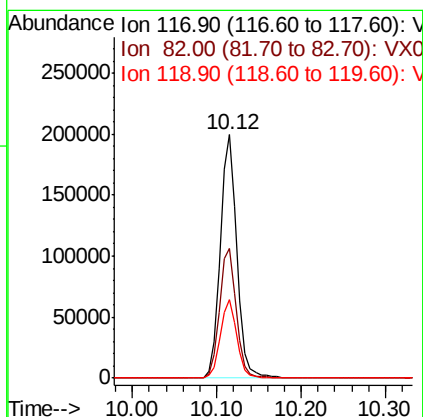
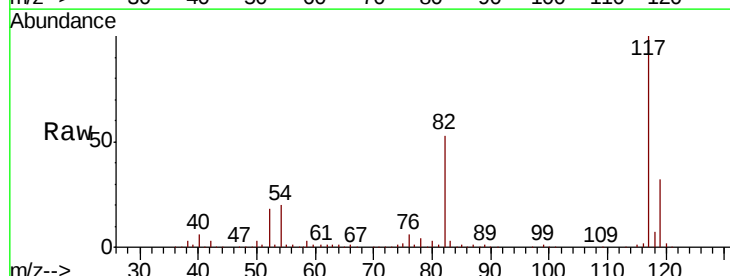
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

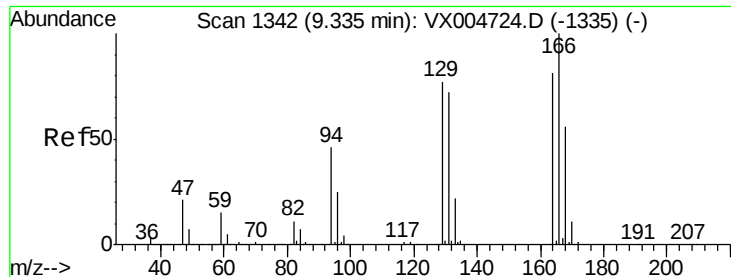
Tot Ion:	95	Resp:	140403
Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	185.0
176	91.2	0.0	180.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion:	117	Resp:	272198
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.3	27.4	41.0

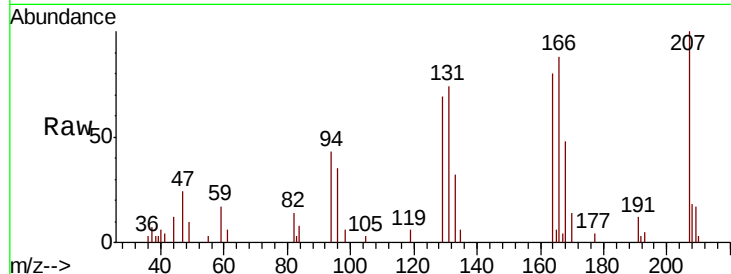




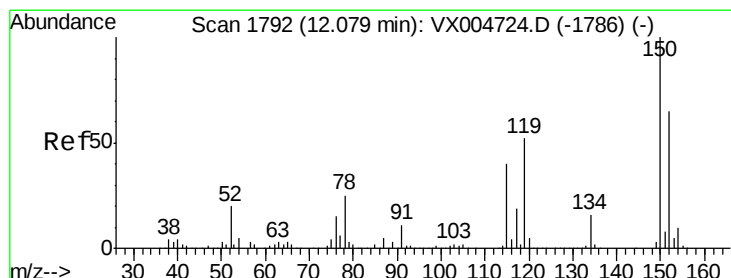
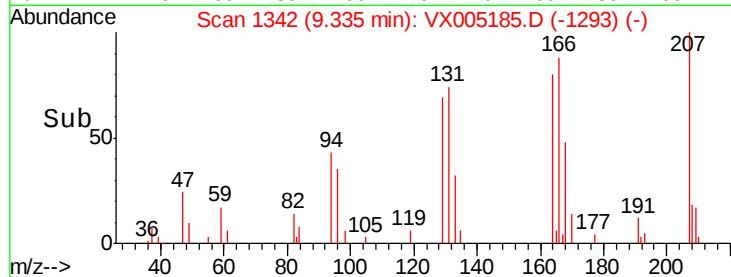
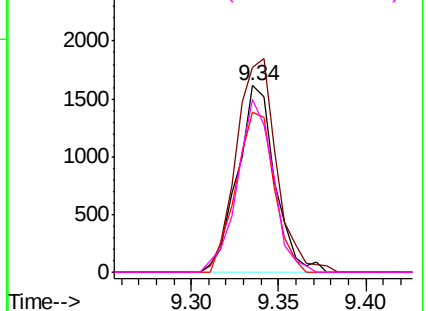
#64
Tetrachloroethene
Concen: 0.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

Tot Ion:164 Resp: 2397
Ion Ratio Lower Upper
164 100
166 110.2 98.4 147.6
129 85.9 76.1 114.1
131 92.7 71.0 106.4

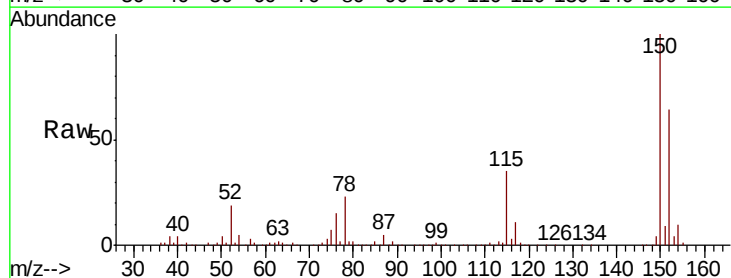


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion:152 Resp: 148977
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 156.1 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

