

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001792.D
 Acq On : 17 May 2018 15:59
 Operator : JC/MD
 Sample : J2853-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

Quant Time: May 18 04:37:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163700	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	205786	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	176361	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	8.72	98	614613	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	179003	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	

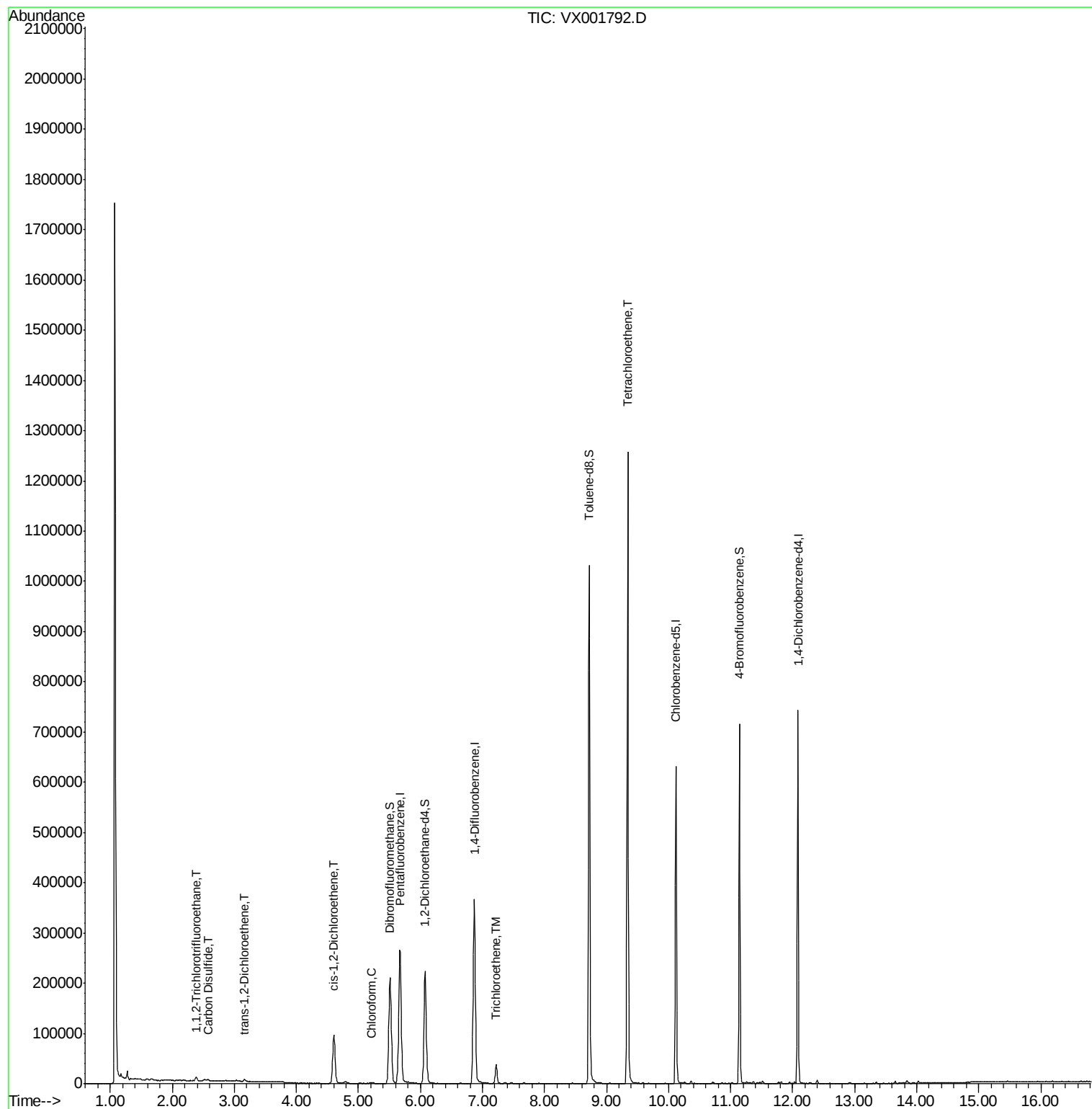
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2673	0.88	ug/l	99
17) Carbon Disulfide	2.57	76	3111	0.41	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	1383	0.43	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	64940	17.68	ug/l	90
30) Chloroform	5.21	83	1524	0.25	ug/l	96
44) Trichloroethene	7.22	130	15444	3.73	ug/l	98
64) Tetrachloroethene	9.34	164	273729	66.82	ug/l	97

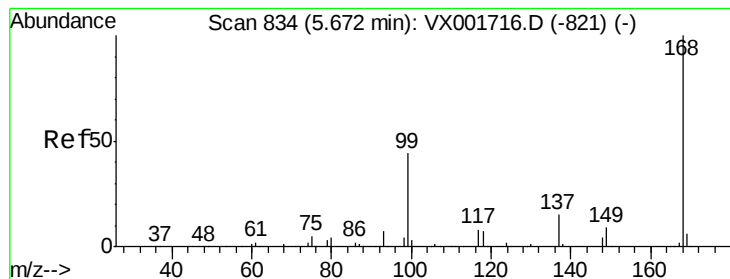
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
Data File : VX001792.D
Acq On : 17 May 2018 15:59
Operator : JC/MD
Sample : J2853-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507

Quant Time: May 18 04:37:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

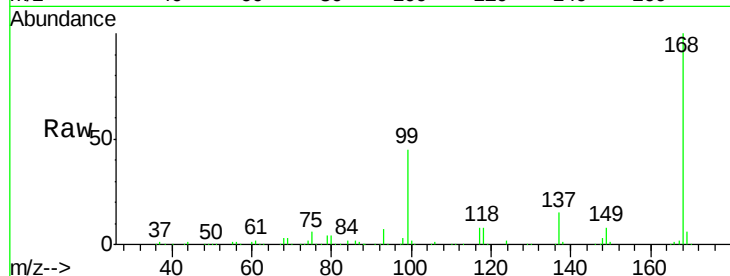
DUP-0455-180507

Tot Ion:168 Resp: 296536

Ion Ratio Lower Upper

168 100

99 44.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

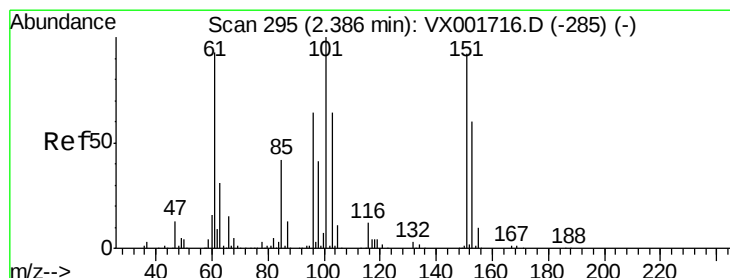
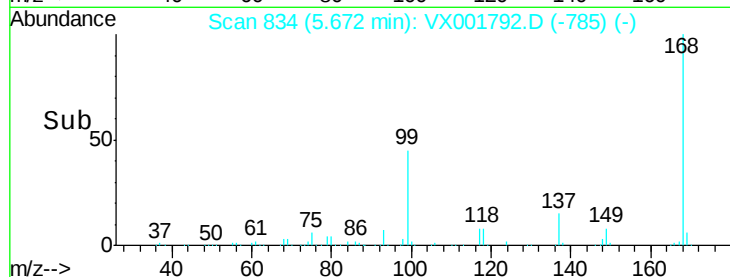
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.88 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

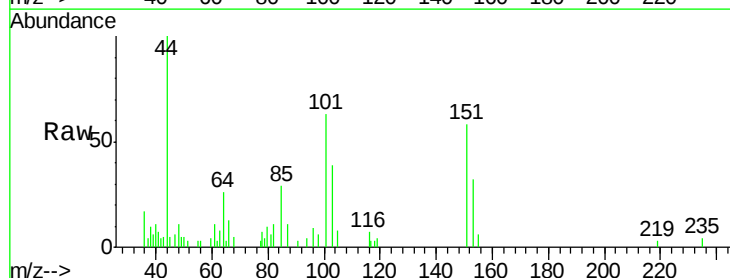
Tgt Ion:101 Resp: 2673

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

151 91.2 73.0 109.6



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

2.39

1500

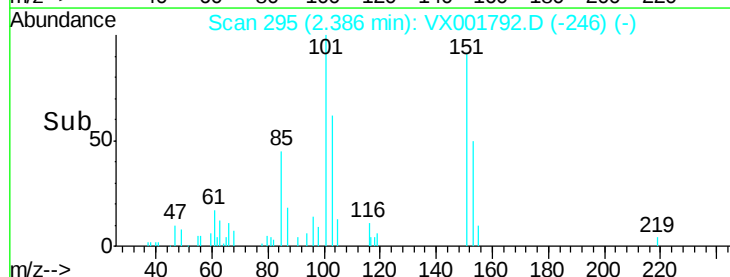
1000

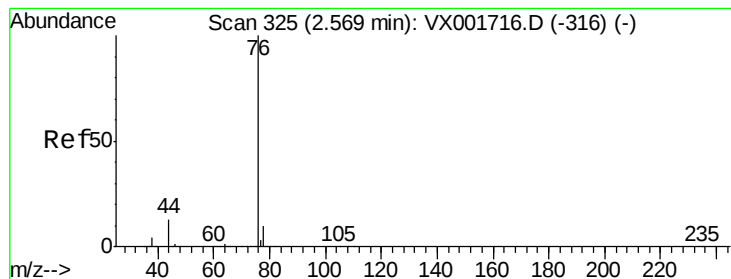
500

0

Time-->

2.30 2.35 2.40 2.45





#17

Carbon Disulfide

Concen: 0.41 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

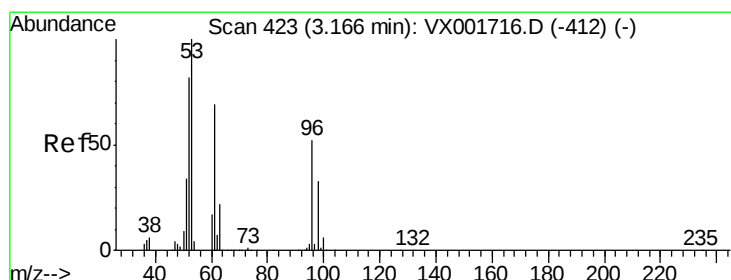
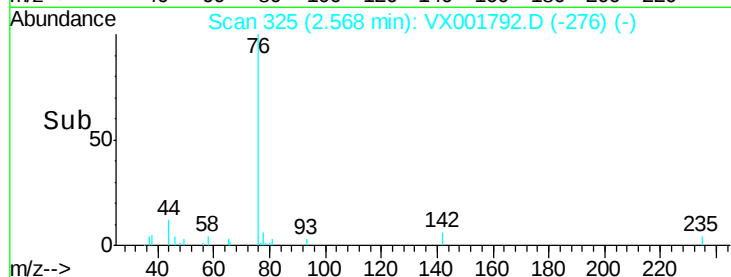
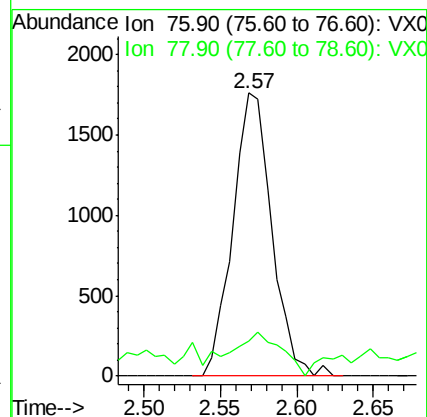
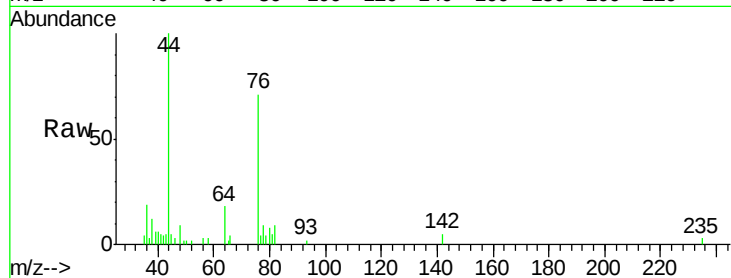
DUP-0455-180507

Tot Ion: 76 Resp: 3111

Ion Ratio Lower Upper

76 100

78 4.7 7.6 11.4#



#21

trans-1,2-Dichloroethene

Concen: 0.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

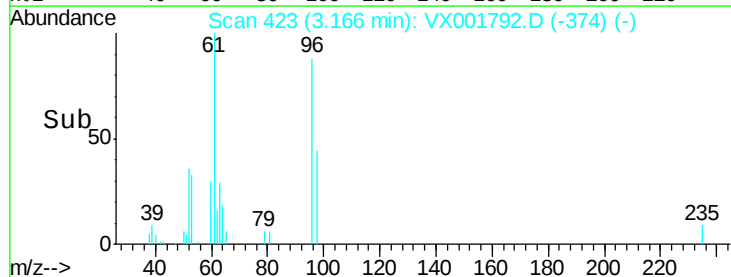
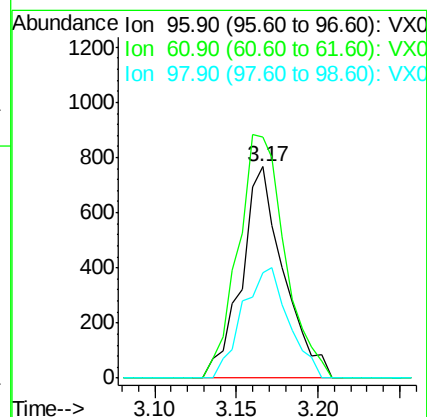
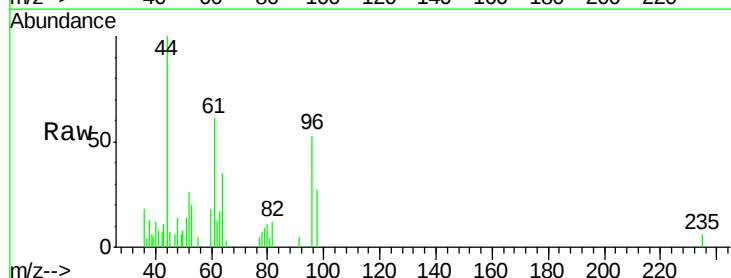
Tgt Ion: 96 Resp: 1383

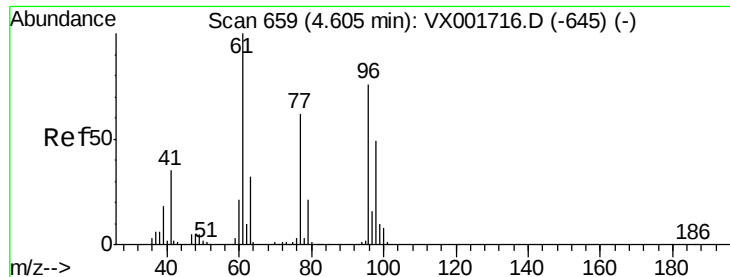
Ion Ratio Lower Upper

96 100

61 114.0 105.8 158.8

98 50.1 50.2 75.4#





#27

cis-1,2-Dichloroethene

Concen: 17.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

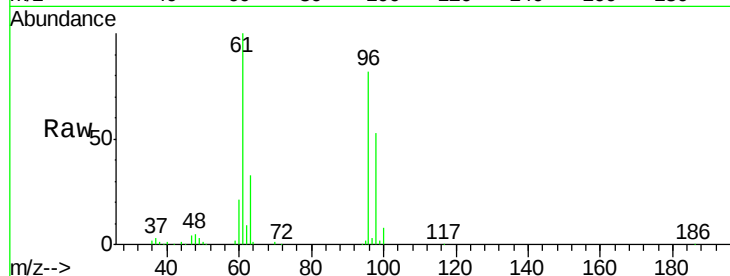
Tot Ion: 96 Resp: 64940

Ion Ratio Lower Upper

96 100

61 123.0 0.0 280.4

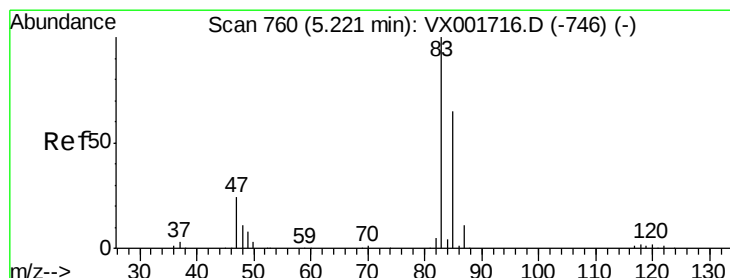
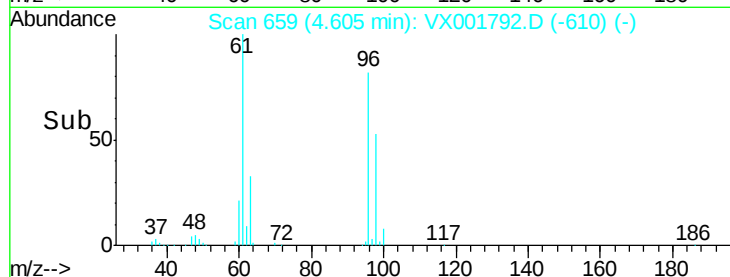
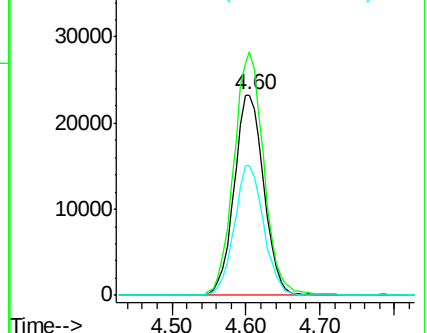
98 64.2 0.0 128.4



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



#30

Chloroform

Concen: 0.25 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001792.D

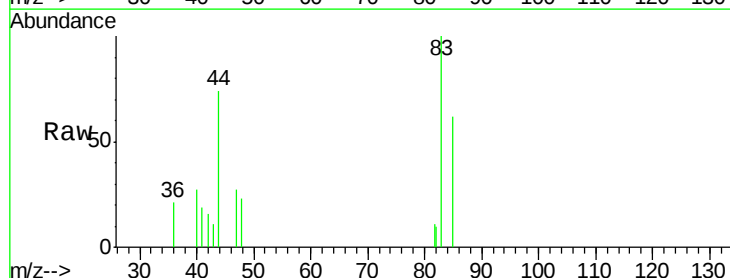
Acq: 17 May 2018 15:59

Tgt Ion: 83 Resp: 1524

Ion Ratio Lower Upper

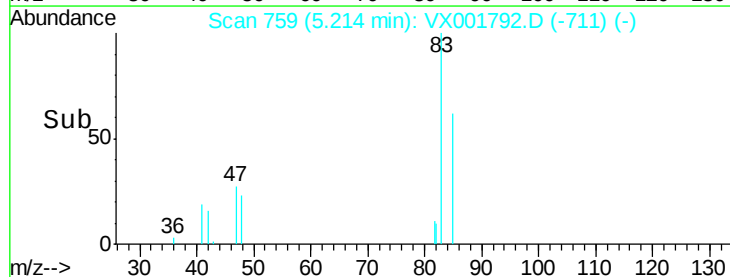
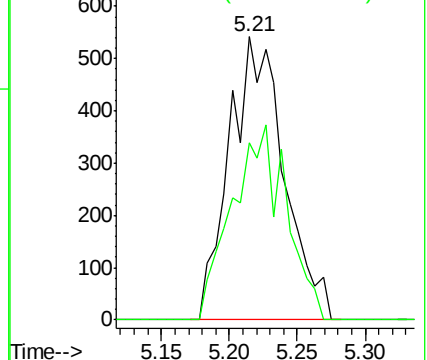
83 100

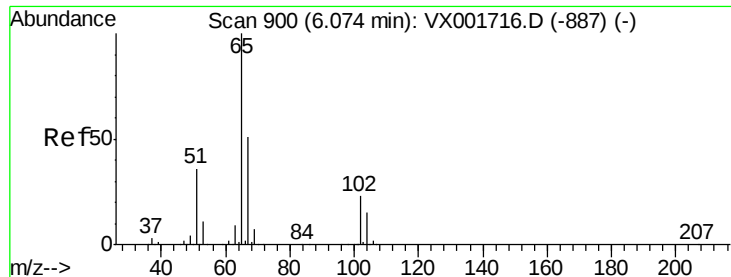
85 62.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

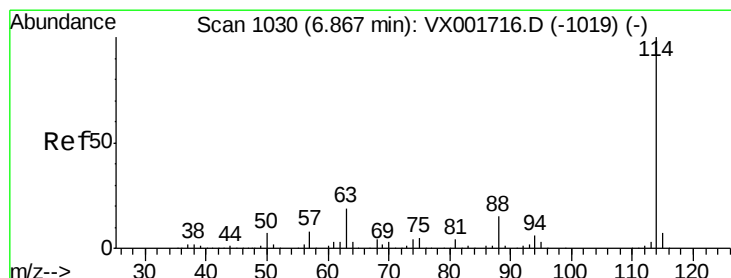
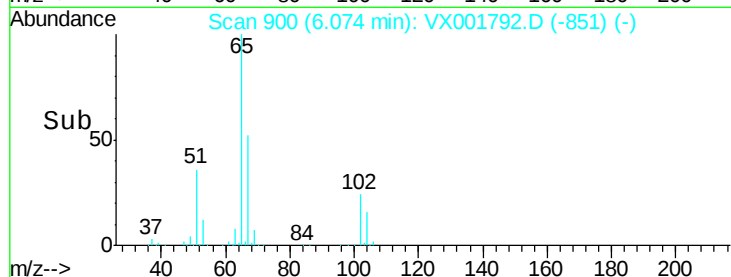
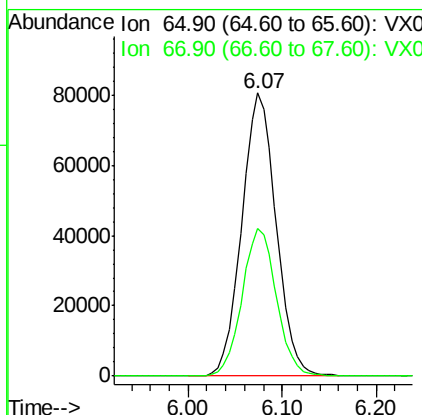
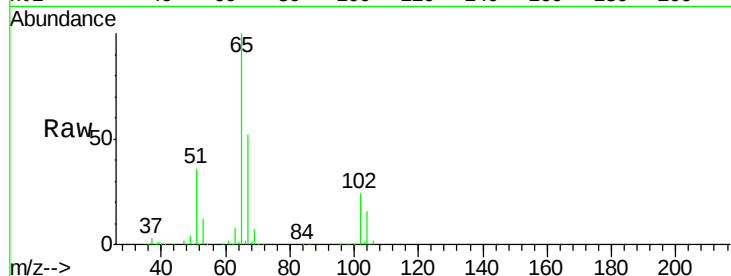




#33
 1,2-Dichloroethane-d4
 Concen: 51.77 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

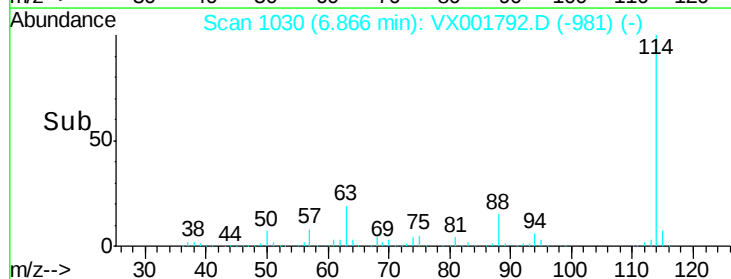
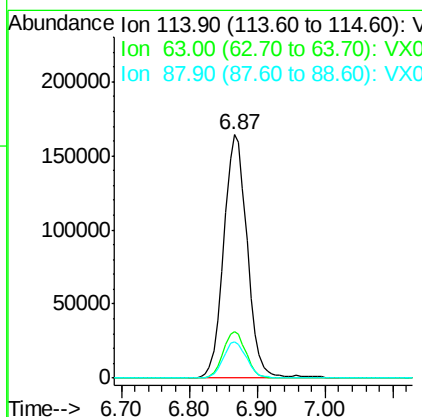
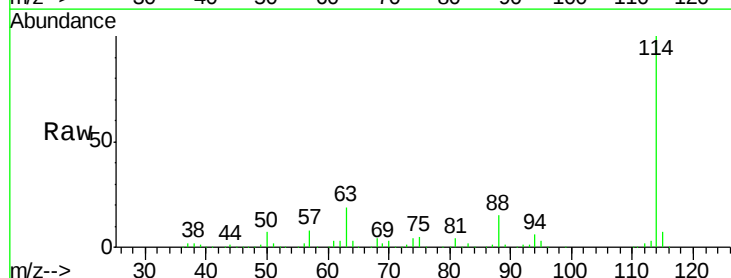
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

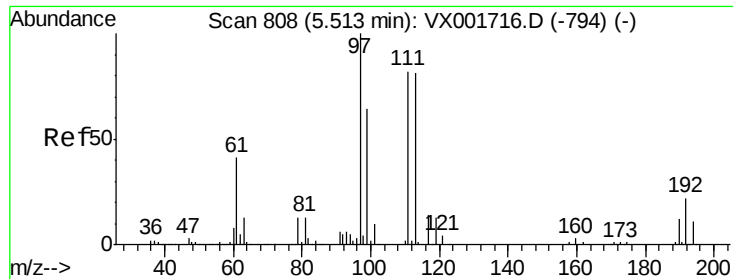
Tot Ion: 65 Resp: 205786
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

Tgt Ion: 114 Resp: 393495
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.0 0.0 29.8

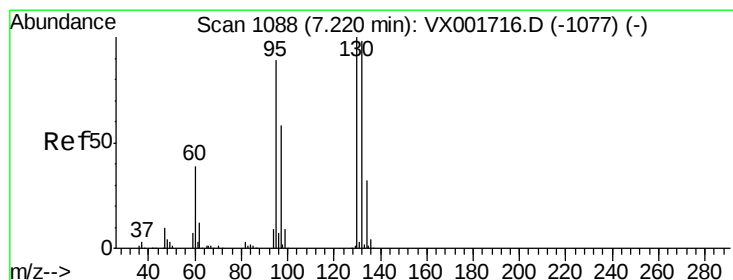
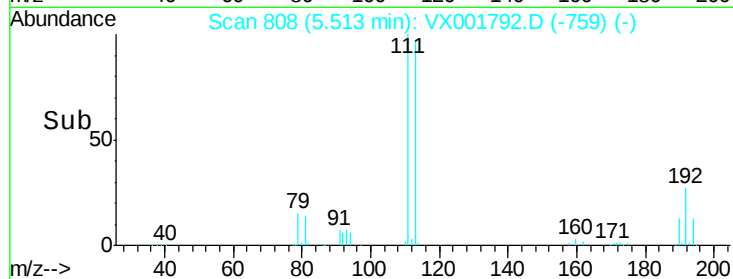
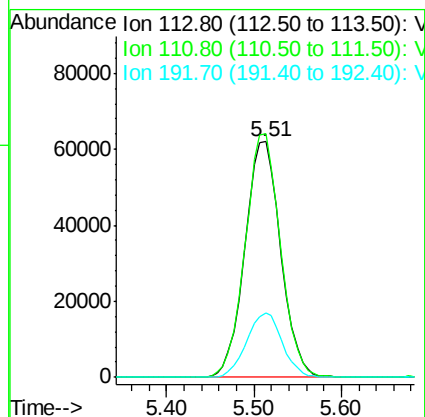
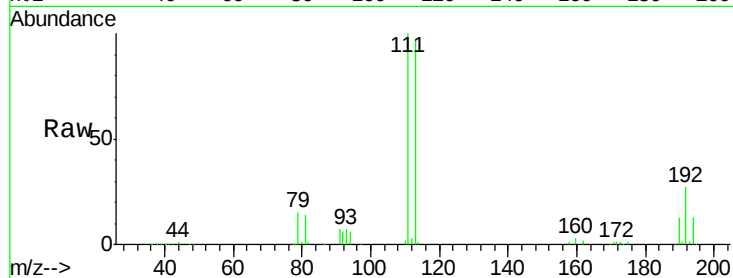




#35
 Dibromofluoromethane
 Concen: 53.11 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

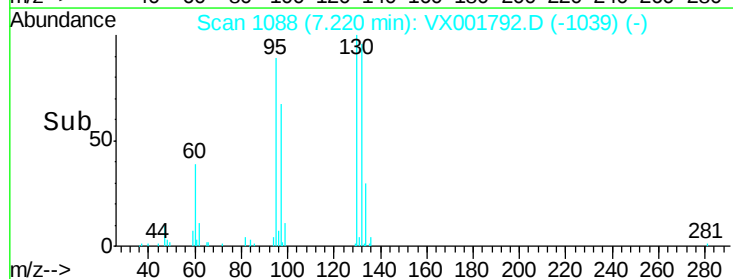
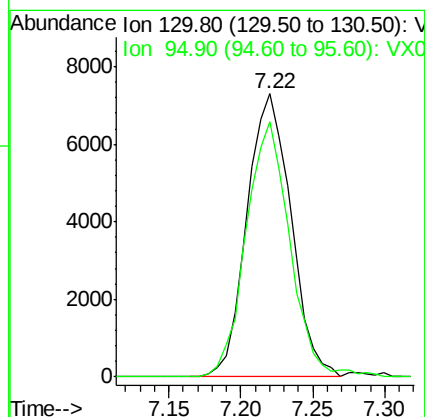
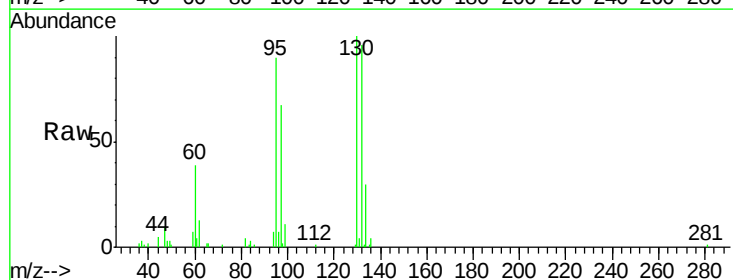
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

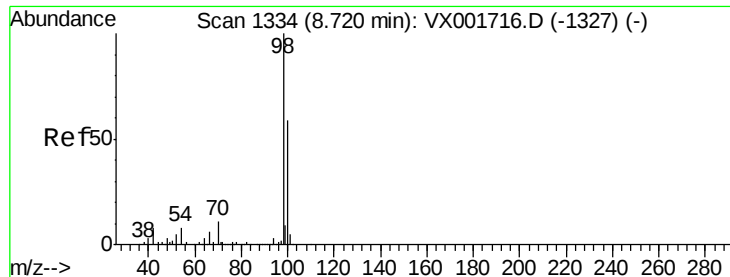
Tot Ion:113 Resp: 176361
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 27.3 21.6 32.4



#44
 Trichloroethene
 Concen: 3.73 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

Tgt Ion:130 Resp: 15444
 Ion Ratio Lower Upper
 130 100
 95 90.3 0.0 177.2





#50

Toluene-d8

Concen: 51.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

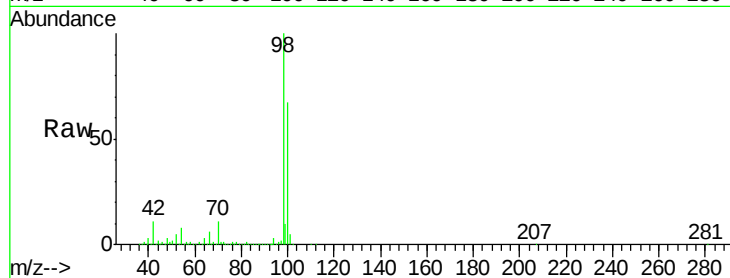
DUP-0455-180507

Tot Ion: 98 Resp: 614613

Ion Ratio Lower Upper

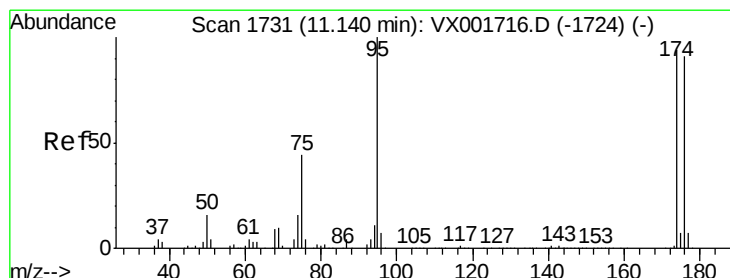
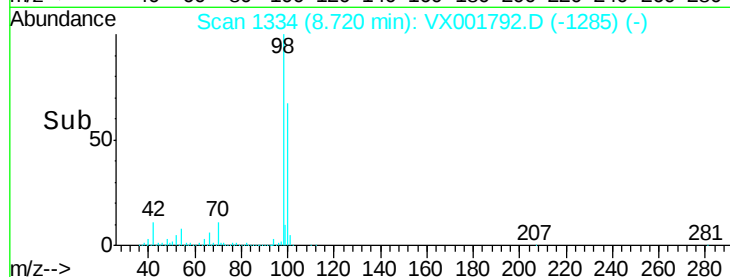
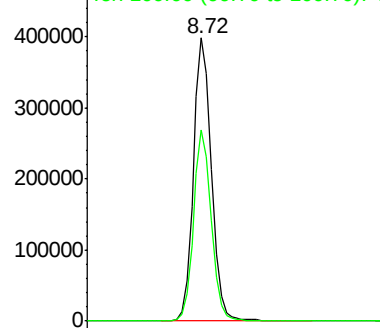
98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 41.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

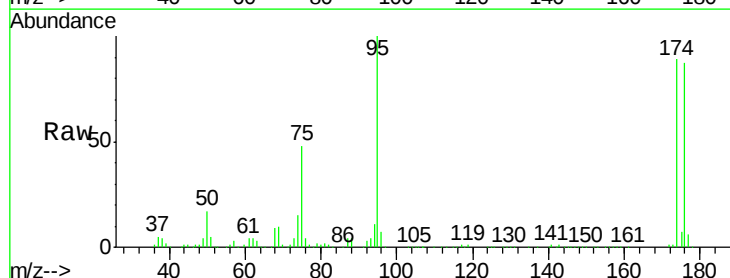
Tgt Ion: 95 Resp: 179003

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

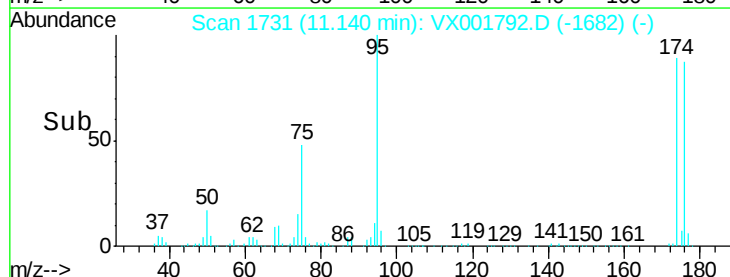
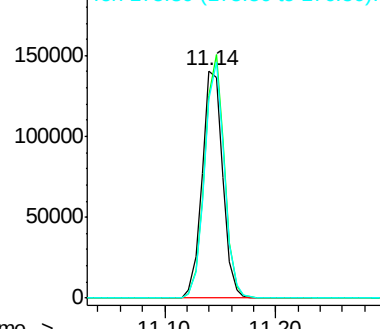
176 99.5 0.0 196.8

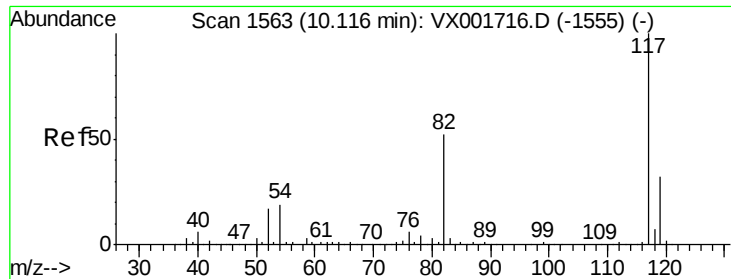


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

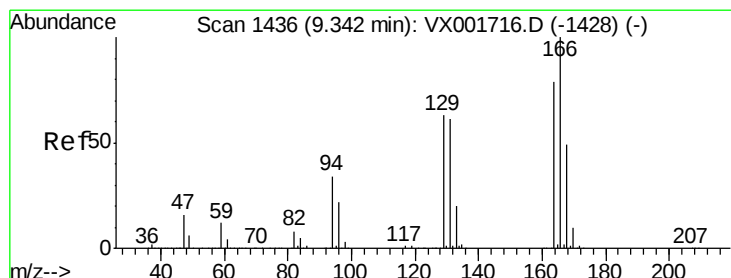
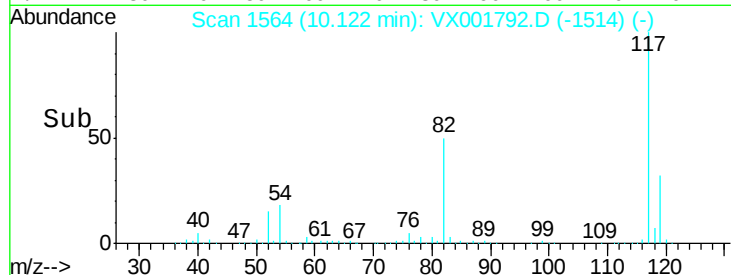
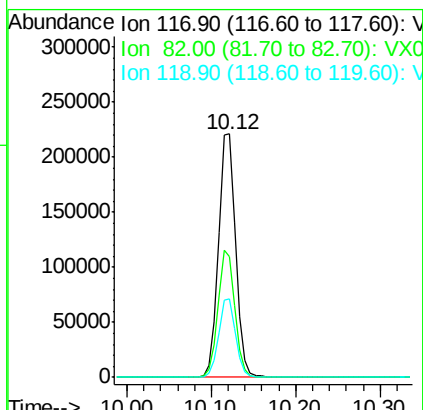
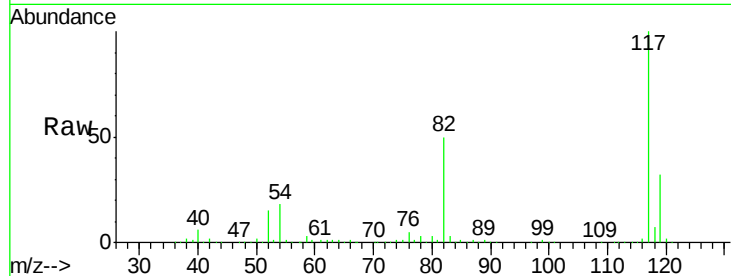




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

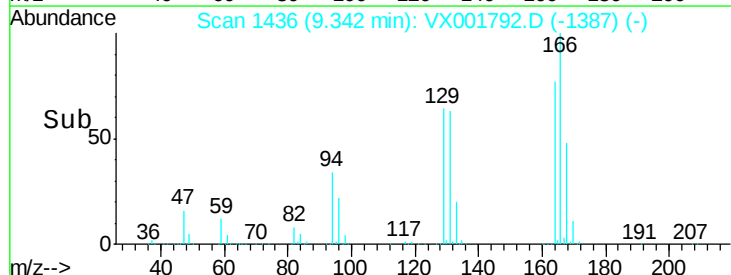
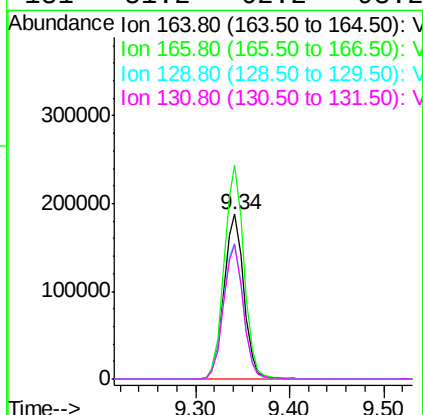
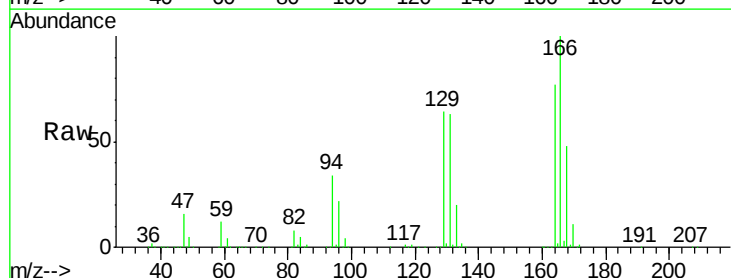
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507

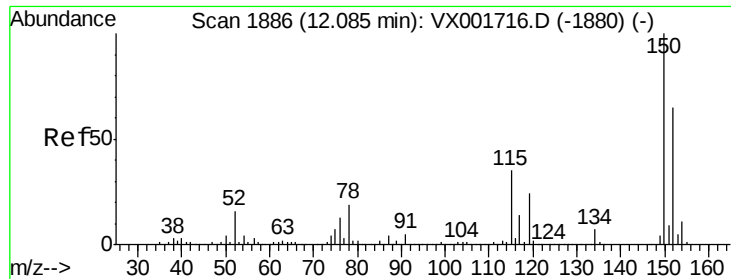
Tot Ion:117 Resp: 314668
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 66.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

Tgt Ion:164 Resp: 273729
Ion Ratio Lower Upper
164 100
166 129.6 101.8 152.8
129 82.7 63.8 95.6
131 81.2 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

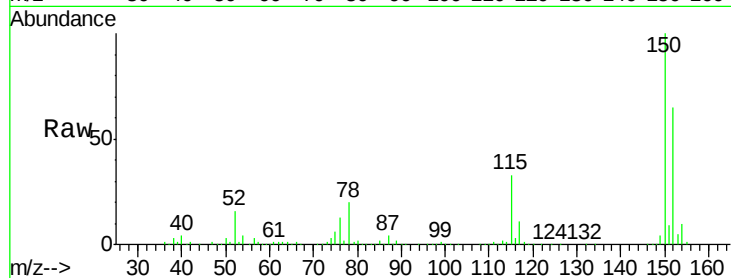
Tot Ion:152 Resp: 163700

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

150 154.4 0.0 344.8



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

