

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010224.D
 Acq On : 11 Jun 2019 11:58
 Operator : JC/SP
 Sample : K3257-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20190606

Quant Time: Jun 12 08:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161128	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	113146	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
35) Dibromofluoromethane	5.50	113	118438	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	453700	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	152548	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	

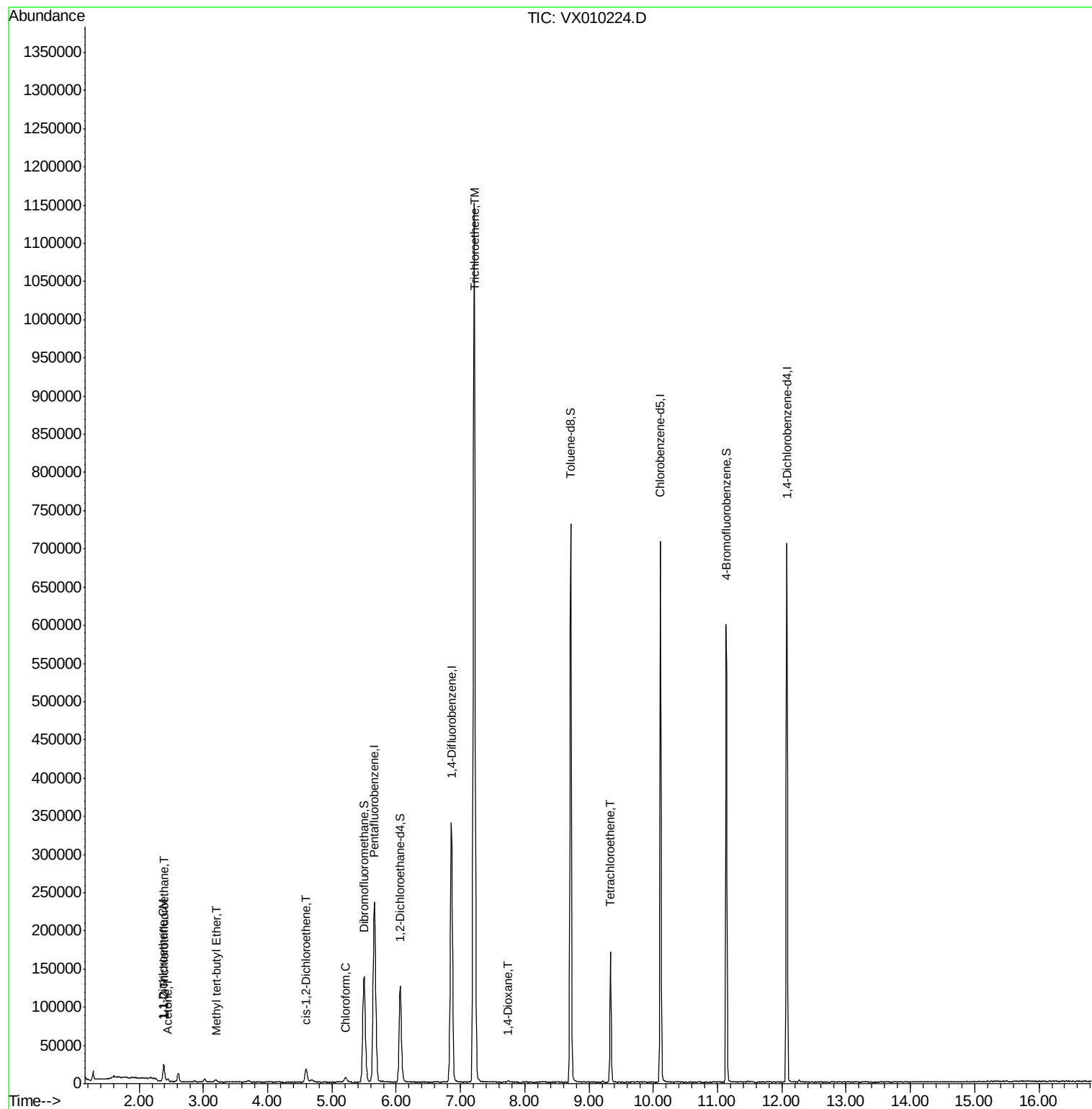
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7655	3.382	ug/l	90
12) 1,1-Dichloroethene	2.37	96	1829	0.791	ug/l #	64
16) Acetone	2.45	43	2817	2.384	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	3604	0.485	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	11799	4.146	ug/l	70
30) Chloroform	5.21	83	7450	1.771	ug/l	89
44) Trichloroethene	7.21	130	482392	164.525	ug/l	86
49) 1,4-Dioxane	7.74	88	1846	25.299	ug/l	94
64) Tetrachloroethene	9.34	164	35324	13.651	ug/l	96

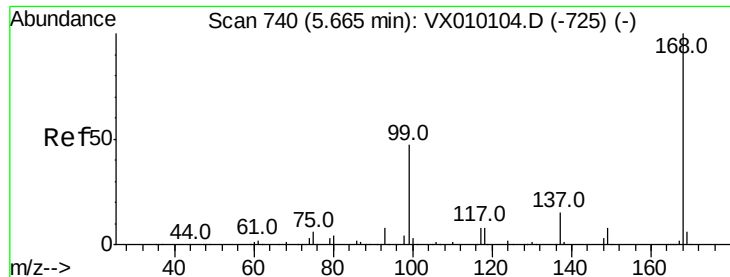
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 08:08:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

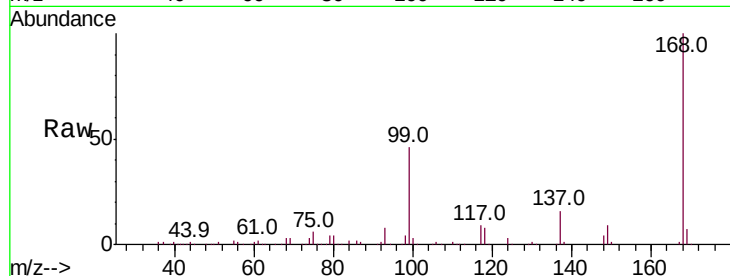
DUP03-20190606

Tot Ion:168 Resp: 257368

Ion Ratio Lower Upper

168 100

99 46.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

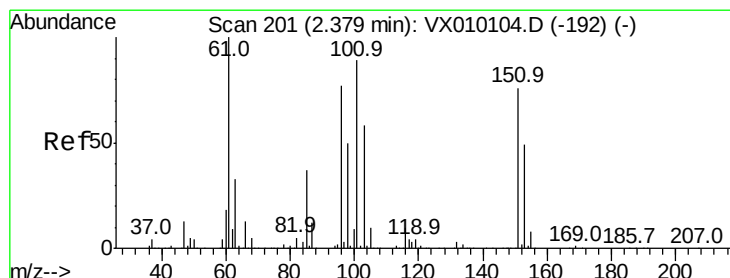
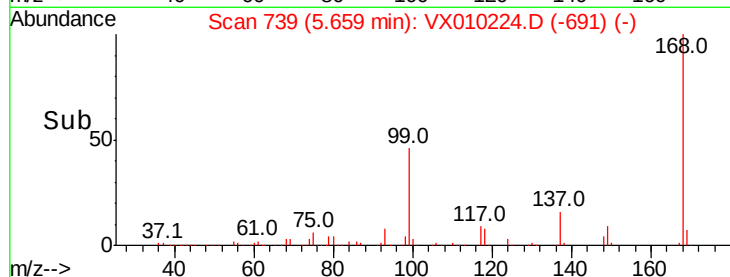
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.382 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

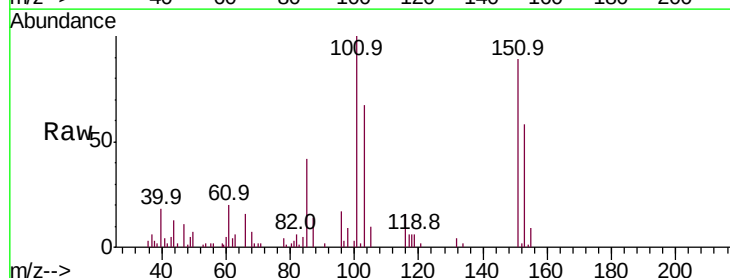
Tgt Ion:101 Resp: 7655

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

151 90.4 61.9 92.9



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

5000

4000

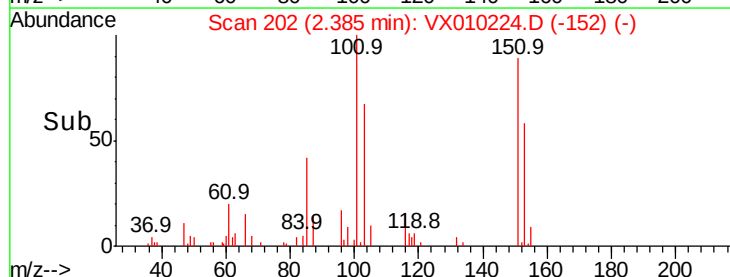
3000

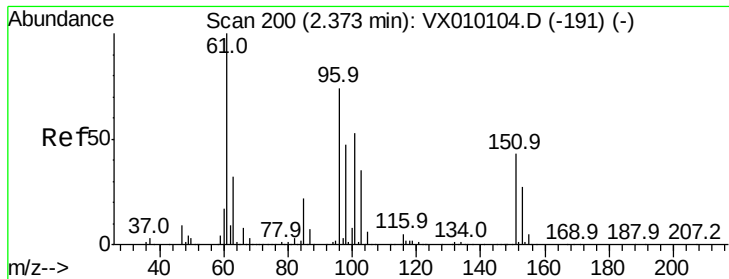
2000

1000

0

Time--> 2.30 2.35 2.40 2.45

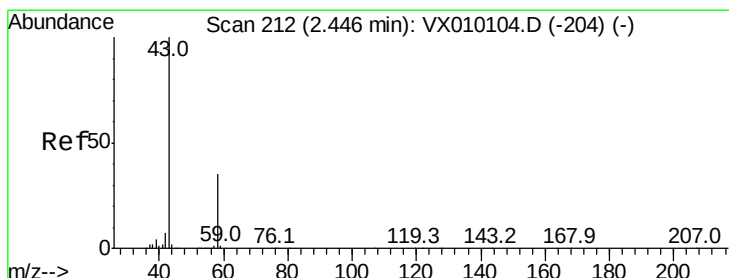
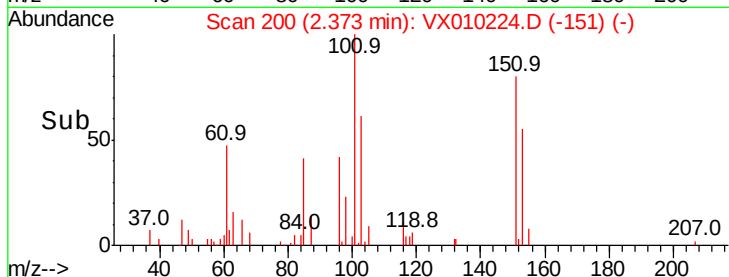
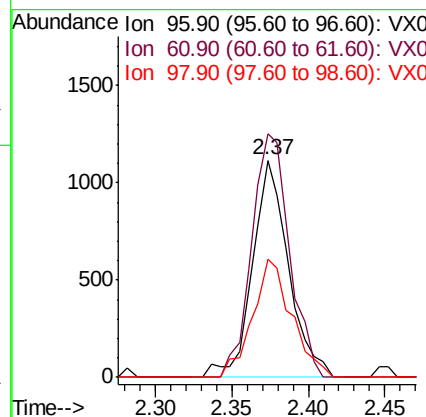
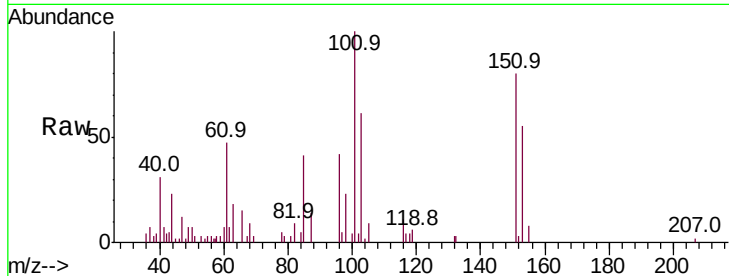




#12
 1,1-Dichloroethene
 Concen: 0.791 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010224.D
 Acq: 11 Jun 2019 11:58

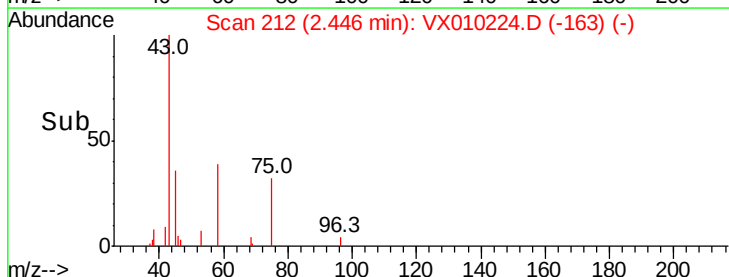
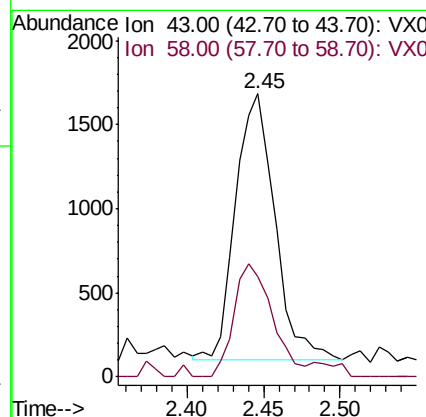
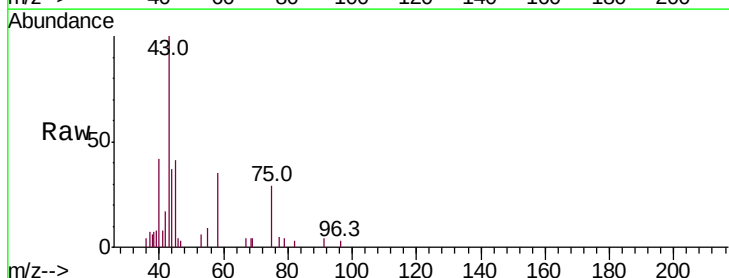
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20190606

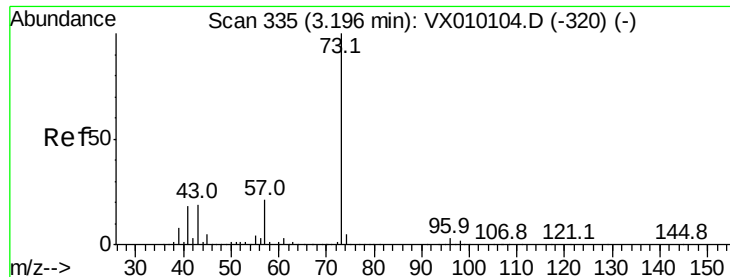
Tot Ion: 96 Resp: 1829
 Ion Ratio Lower Upper
 96 100
 61 112.1 140.7 211.1#
 98 54.3 50.1 75.1



#16
 Acetone
 Concen: 2.384 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010224.D
 Acq: 11 Jun 2019 11:58

Tgt Ion: 43 Resp: 2817
 Ion Ratio Lower Upper
 43 100
 58 37.6 23.2 34.8#





#19

Methyl tert-butyl Ether

Concen: 0.485 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.01 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

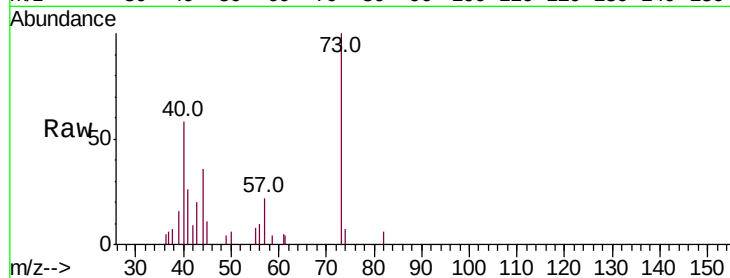
DUP03-20190606

Tot Ion: 73 Resp: 3604

Ion Ratio Lower Upper

73 100

57 21.7 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

1500

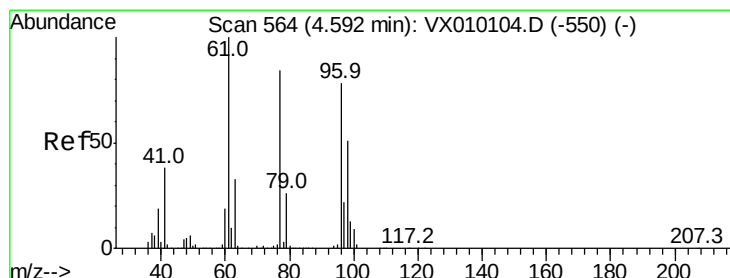
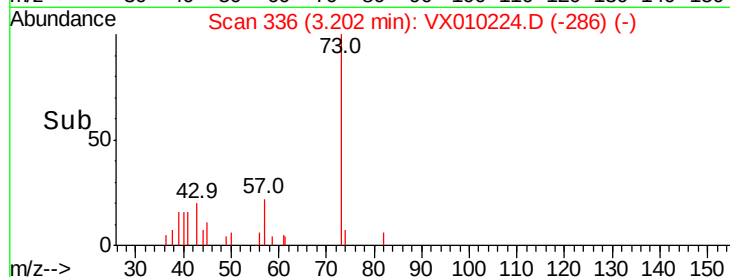
1000

500

0

Time-->

3.10 3.15 3.20 3.25



#27

cis-1,2-Dichloroethene

Concen: 4.146 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

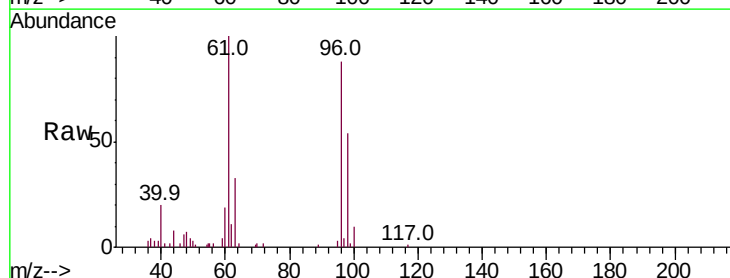
Tgt Ion: 96 Resp: 11799

Ion Ratio Lower Upper

96 100

61 111.2 0.0 334.0

98 65.9 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

6000

5000

4000

3000

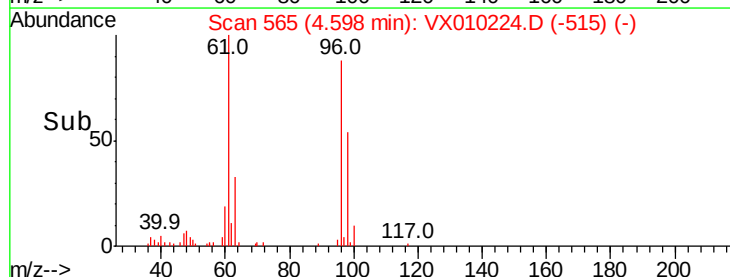
2000

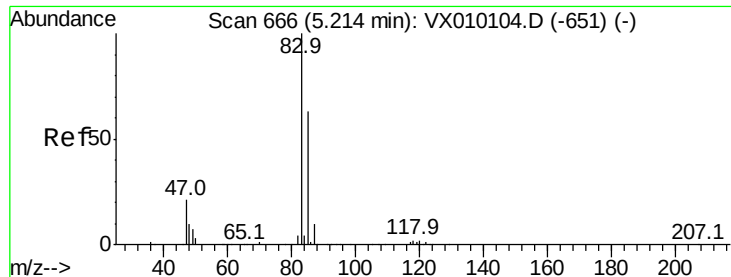
1000

0

Time-->

4.50 4.60 4.70

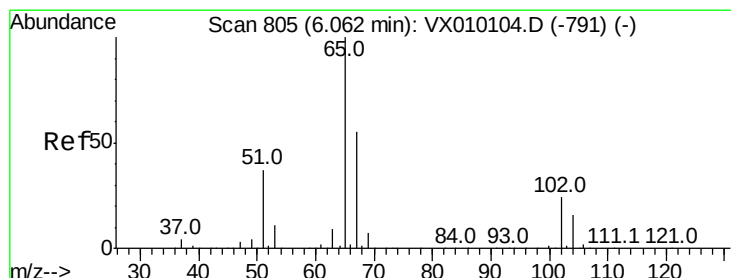
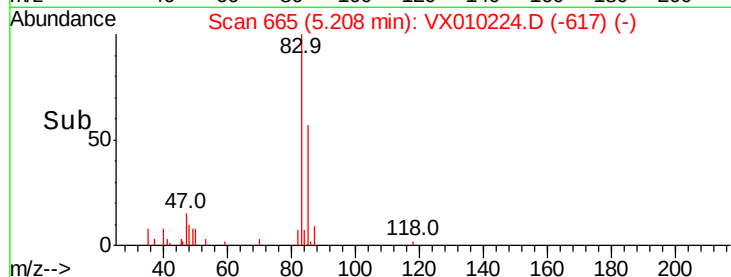
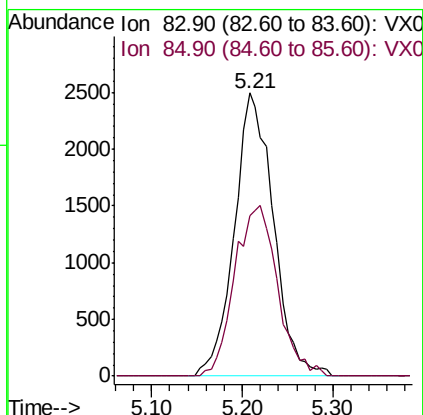
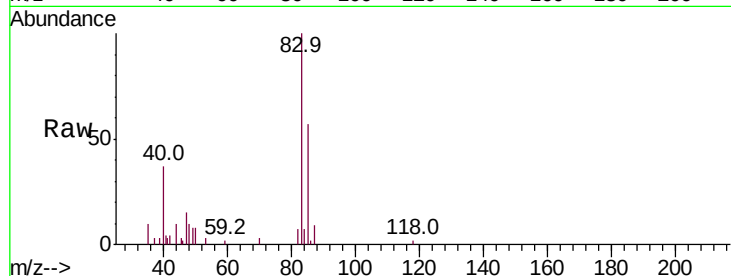




#30
Chloroform
Concen: 1.771 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

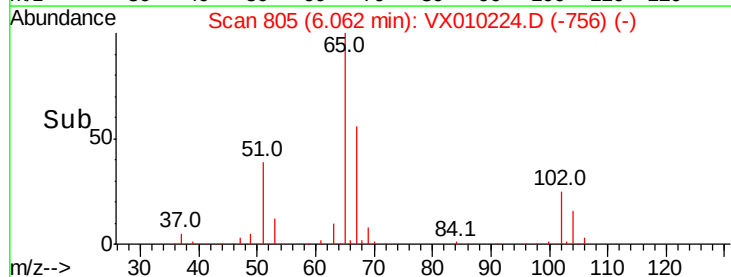
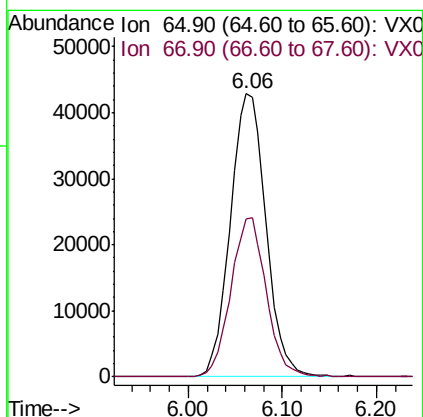
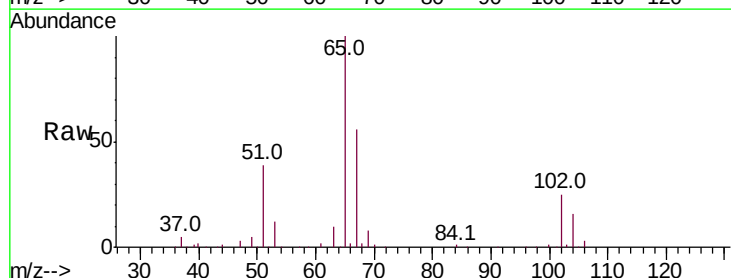
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

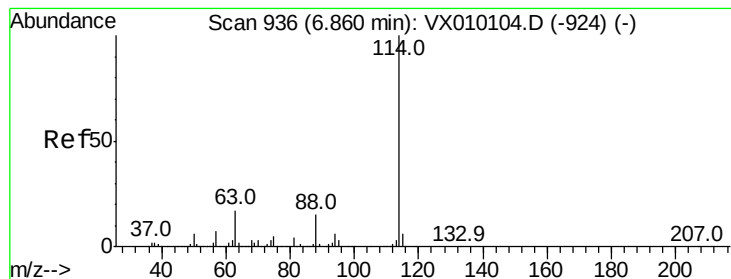
Tot Ion: 83 Resp: 7450
Ion Ratio Lower Upper
83 100
85 56.7 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 45.039 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 65 Resp: 113146
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190606

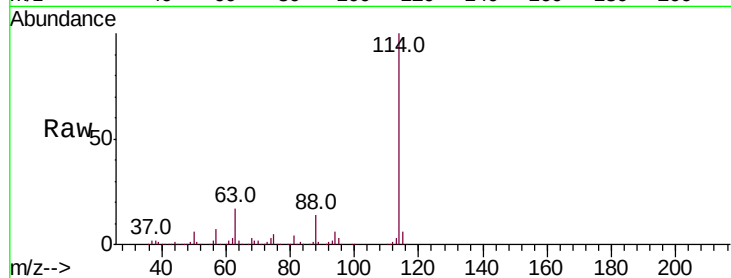
Tot Ion:114 Resp: 385573

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

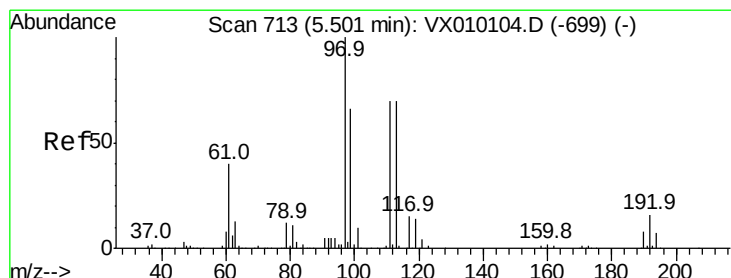
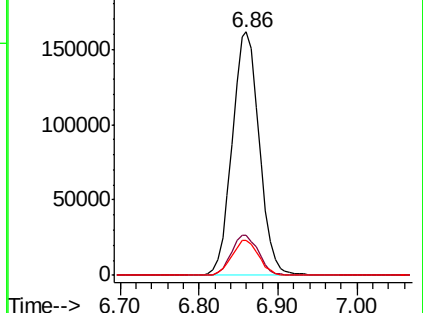
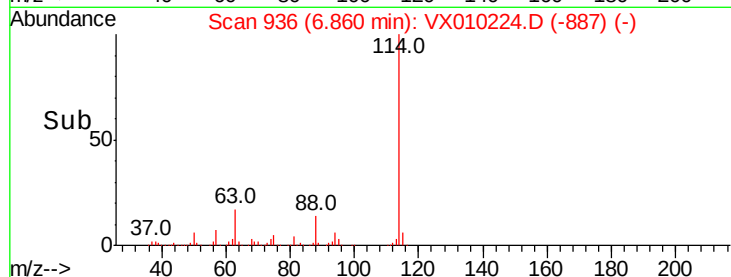
88 14.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

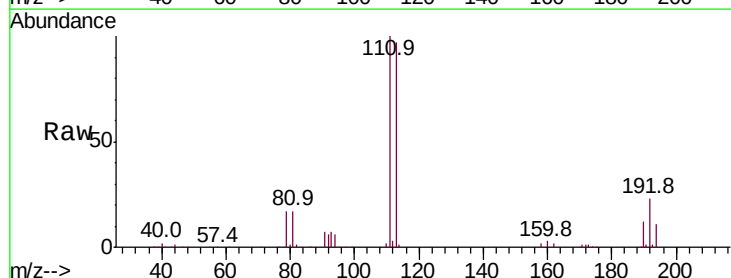
Tgt Ion:113 Resp: 118438

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

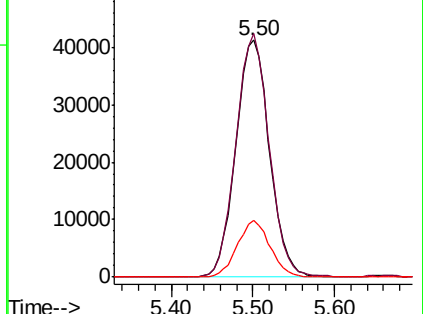
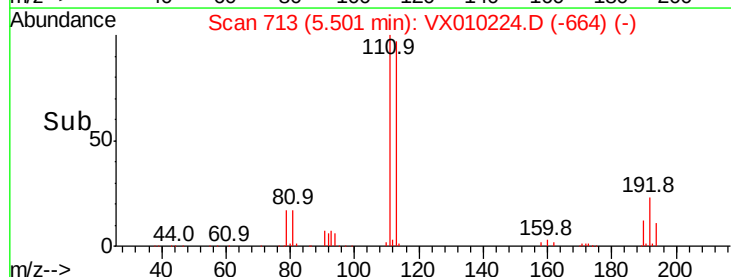
192 23.1 17.1 25.7

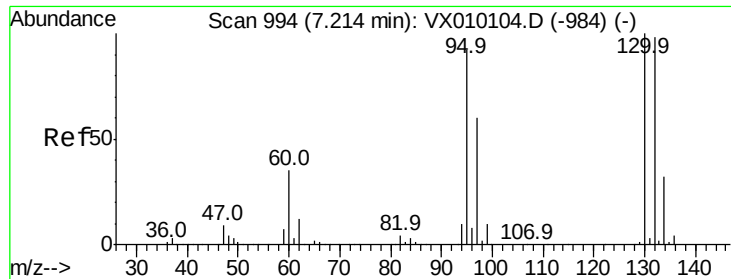


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 164.525 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

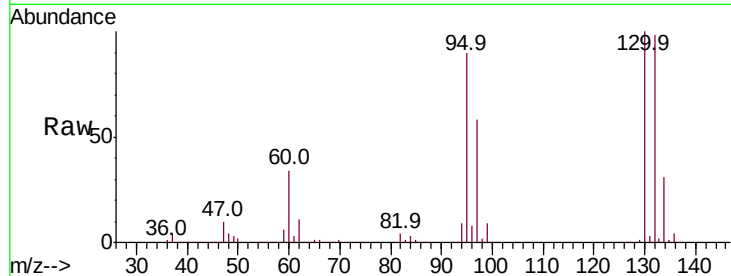
DUP03-20190606

Tot Ion:130 Resp: 482392

Ion Ratio Lower Upper

130 100

95 89.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

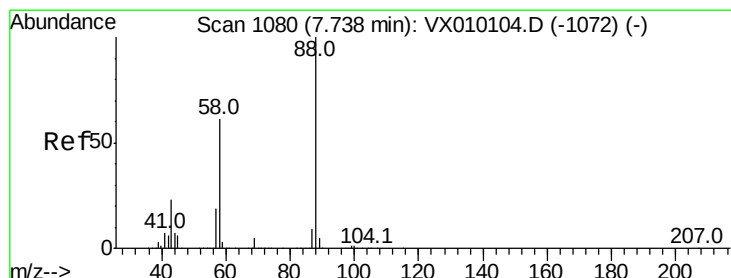
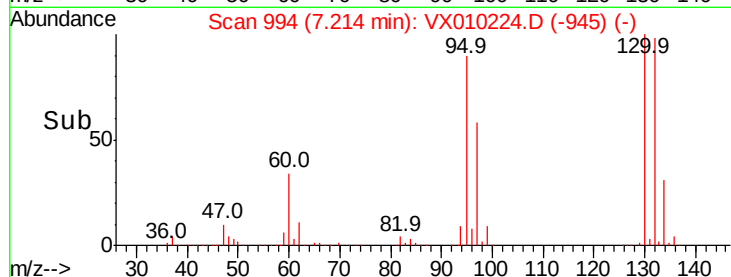
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 25.299 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010224.D

Acq: 11 Jun 2019 11:58

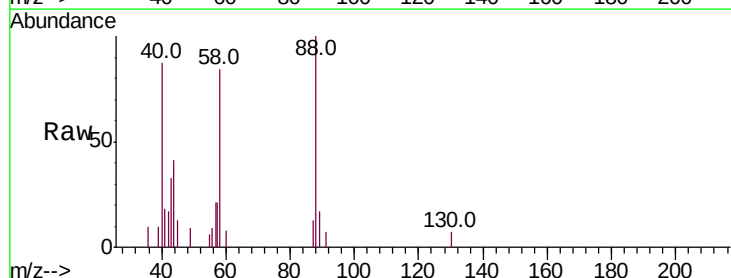
Tgt Ion: 88 Resp: 1846

Ion Ratio Lower Upper

88 100

43 34.9 30.2 45.4

58 74.5 64.0 96.0



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

1000

800

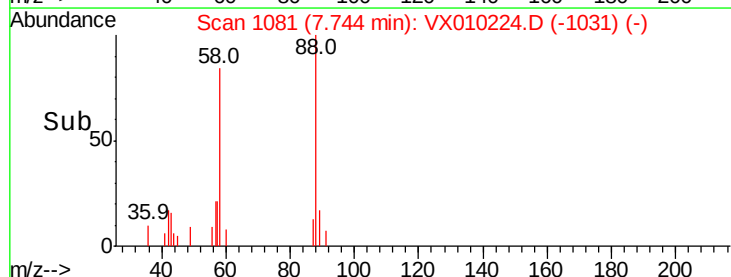
600

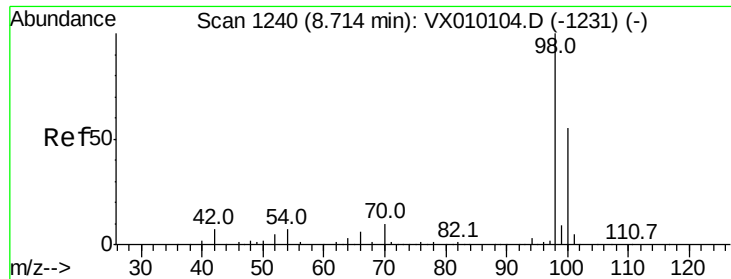
400

200

0

Time-->

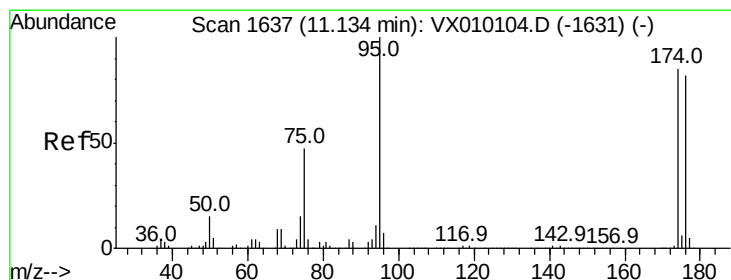
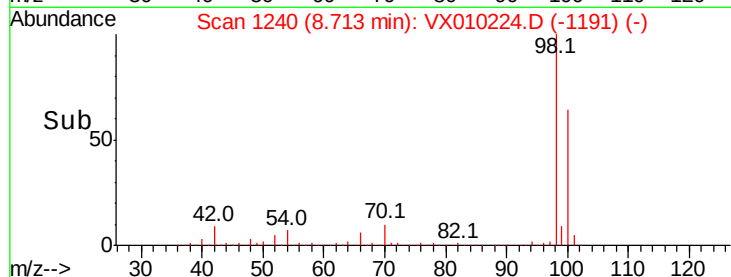
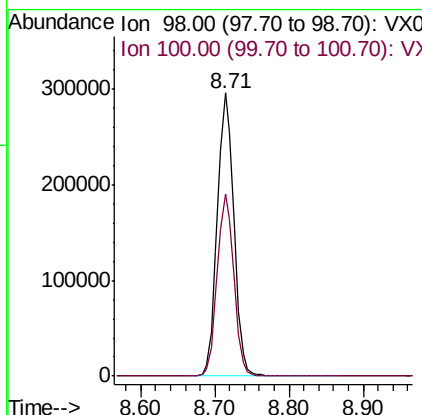
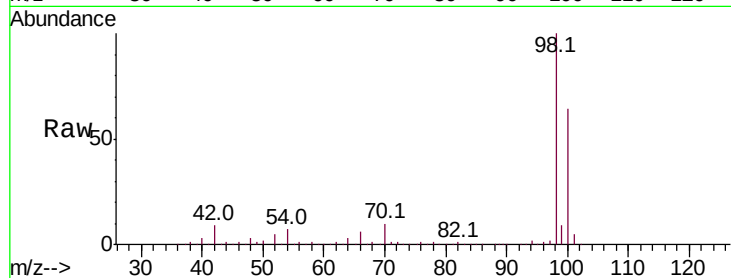




#50
Toluene-d8
Concen: 50.900 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

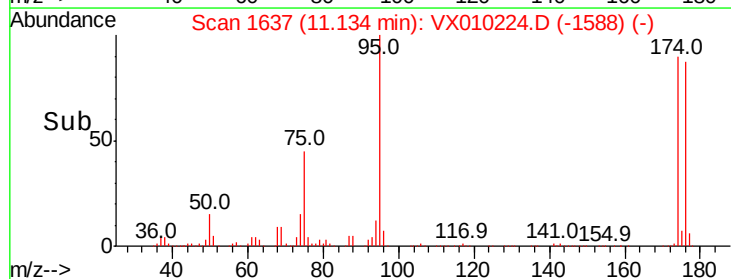
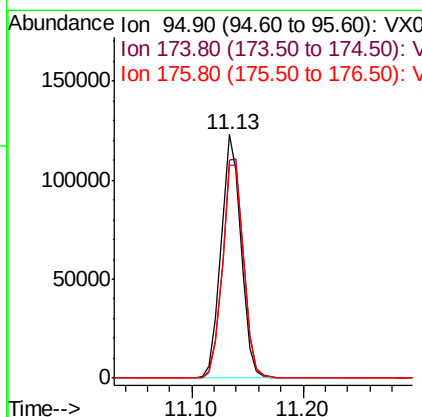
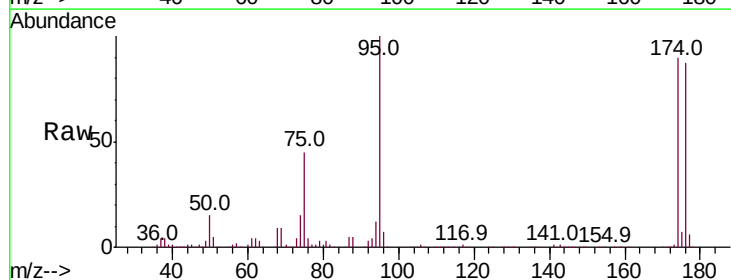
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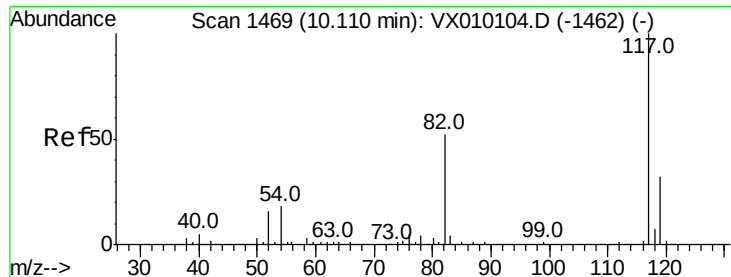
Tot Ion: 98 Resp: 453700
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.826 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 95 Resp: 152548
Ion Ratio Lower Upper
95 100
174 94.2 0.0 160.4
176 92.4 0.0 154.6

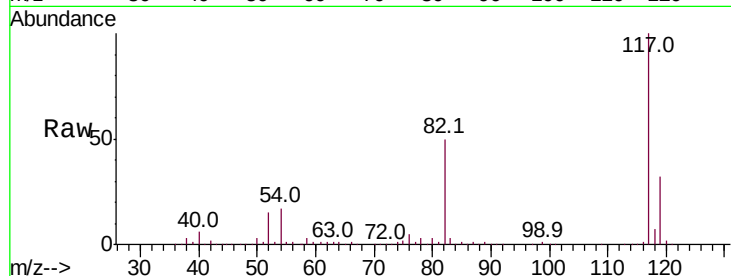




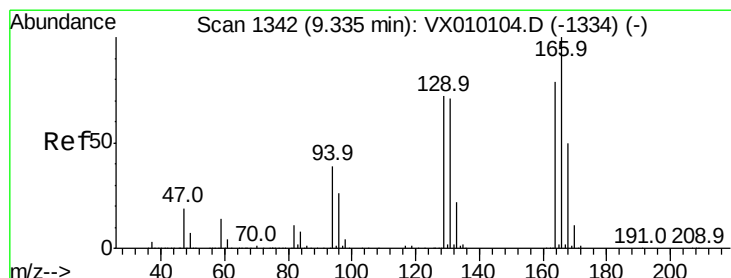
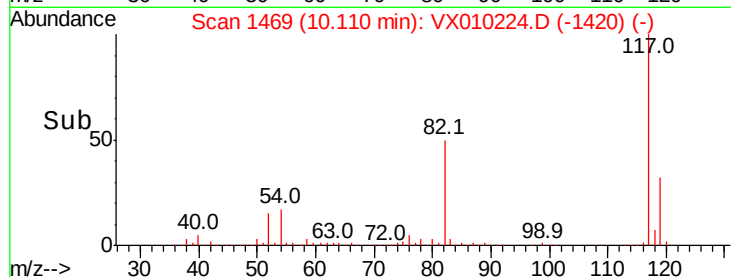
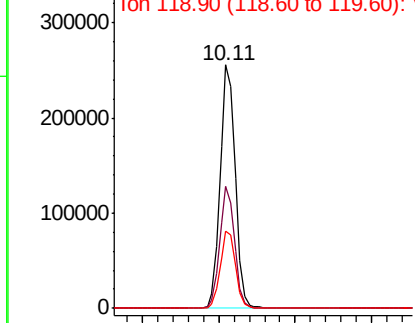
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tot Ion:117 Resp: 348392
Ion Ratio Lower Upper
117 100
82 50.1 49.2 73.8
119 31.8 25.2 37.8

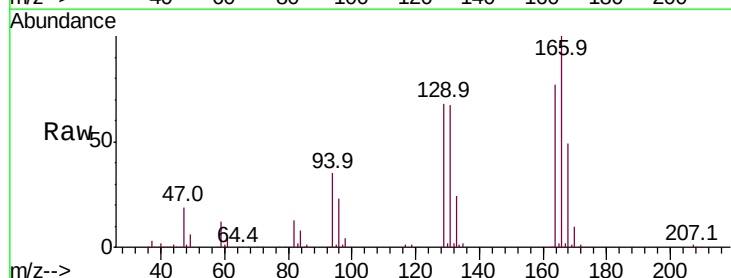


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

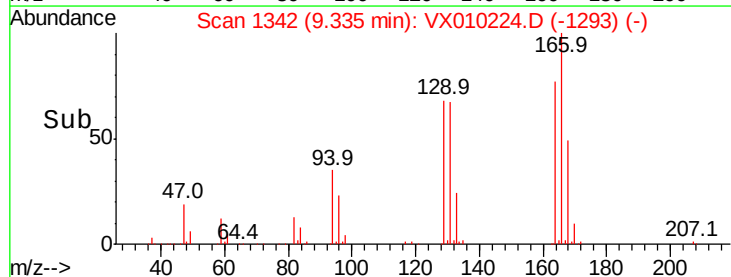
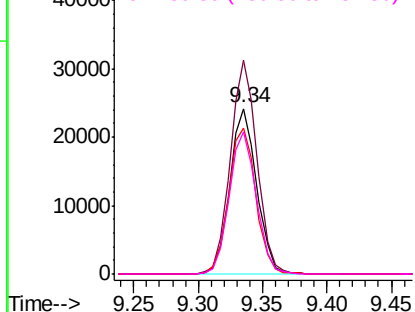


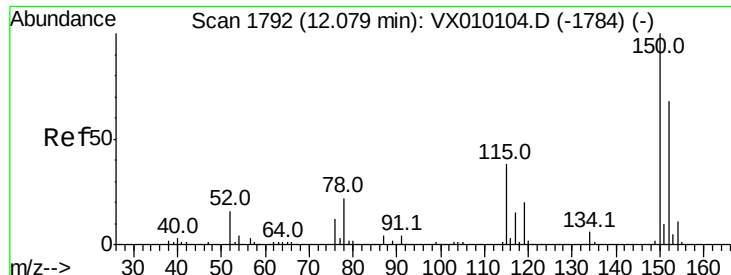
#64
Tetrachloroethene
Concen: 13.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion:164 Resp: 35324
Ion Ratio Lower Upper
164 100
166 129.3 105.0 157.4
129 88.4 75.1 112.7
131 86.2 72.2 108.4



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: VX010224.D

Acq: 11 Jun 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190606

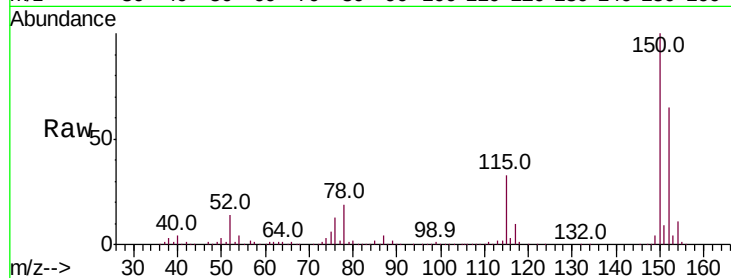
Tot Ion:152 Resp: 161128

Ion Ratio Lower Upper

152 100

115 53.3 41.4 124.2

150 155.8 0.0 345.2



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

