

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007978.D
 Acq On : 11 Mar 2019 18:57
 Operator : JC/SP
 Sample : K1793-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190305DL

Quant Time: Mar 12 09:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

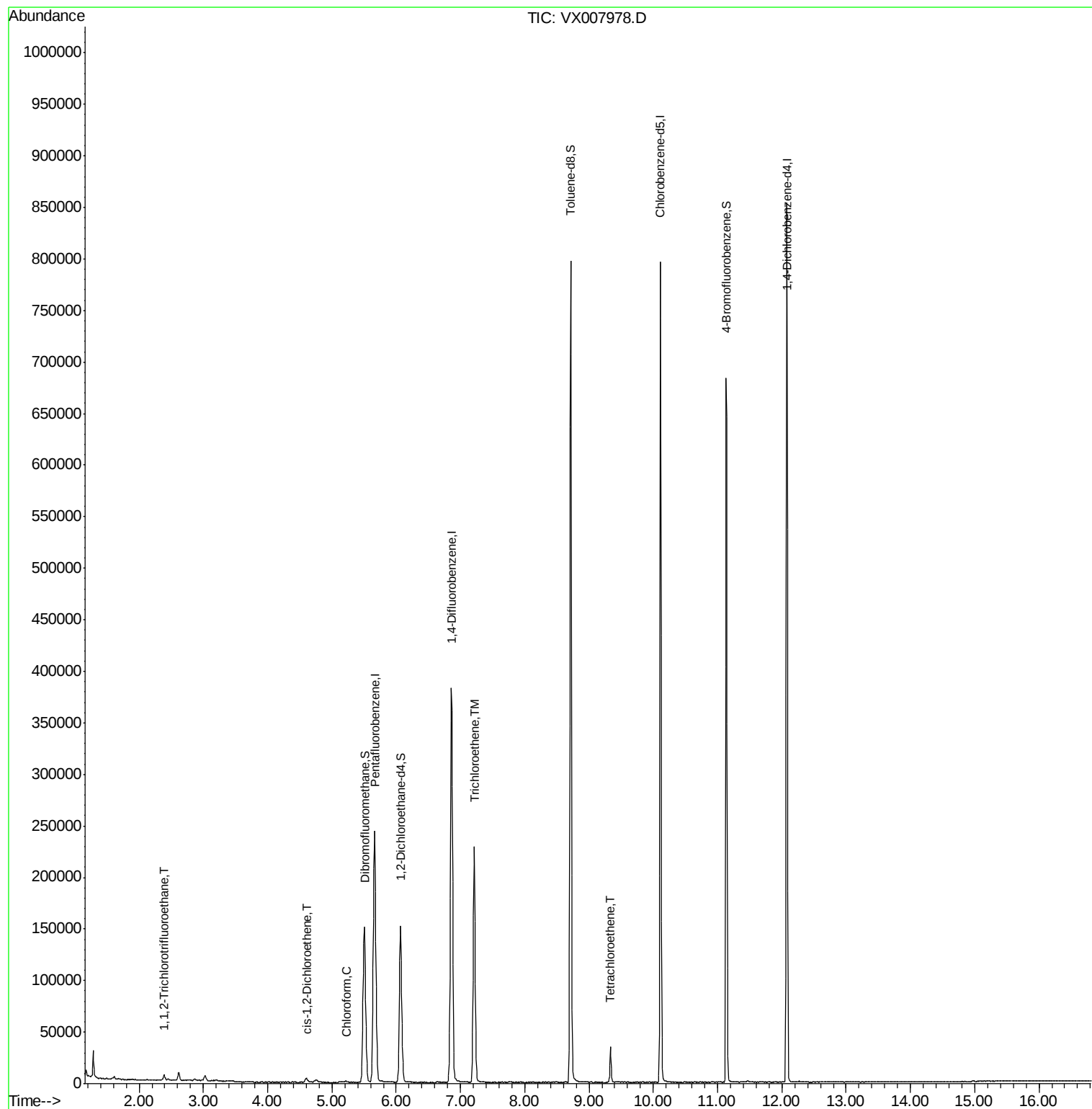
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140289	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	5.50	113	131221	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	490404	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	181637	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1751	0.762	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	2469	0.885	ug/l	97
30) Chloroform	5.22	83	1610	0.370	ug/l	87
44) Trichloroethene	7.21	130	95123	31.685	ug/l	97
64) Tetrachloroethene	9.34	164	6843	2.154	ug/l	93

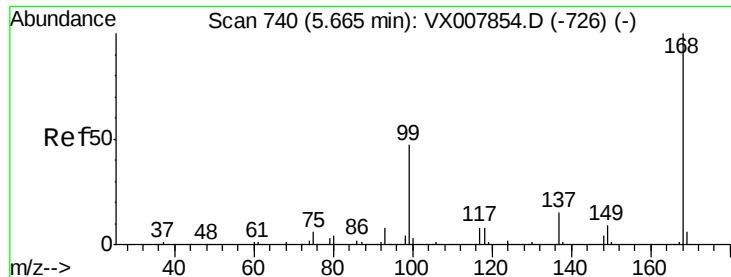
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

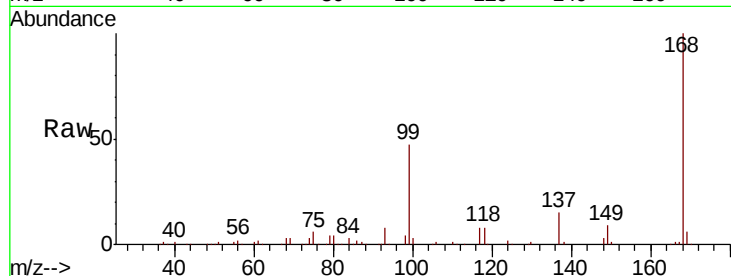
DUP01-20190305DL

Tgt Ion:168 Resp: 260488

Ion Ratio Lower Upper

168 100

99 46.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

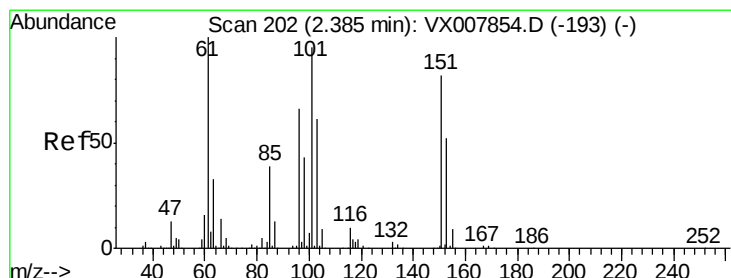
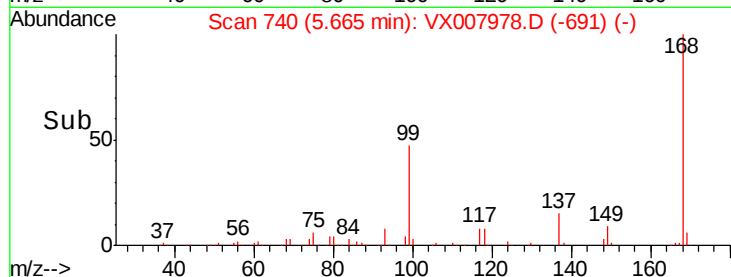
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.762 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

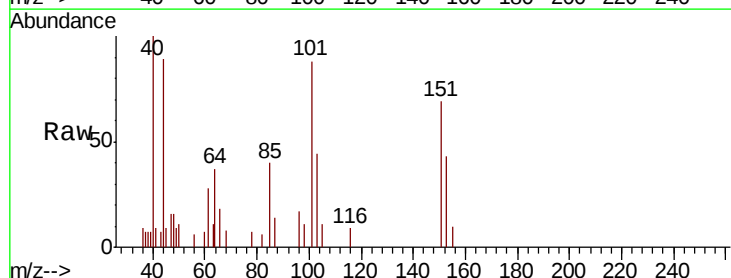
Tgt Ion:101 Resp: 1751

Ion Ratio Lower Upper

101 100

85 45.9 33.8 50.6

151 83.4 69.1 103.7



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

1200

1000

800

600

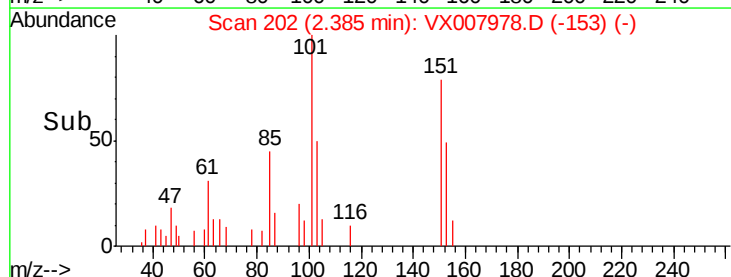
400

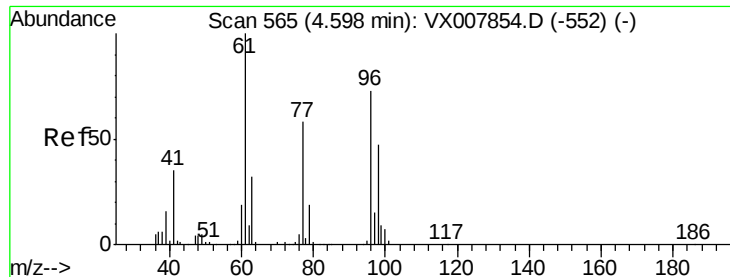
200

0

Time-->

2.35 2.40 2.45



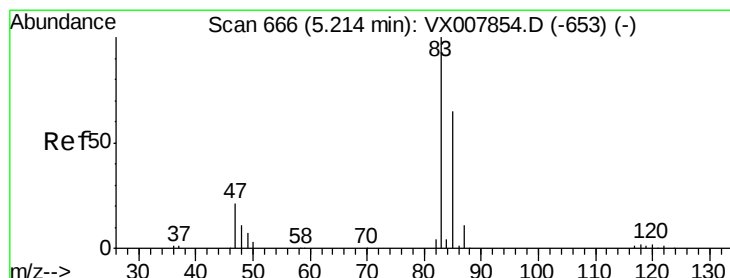
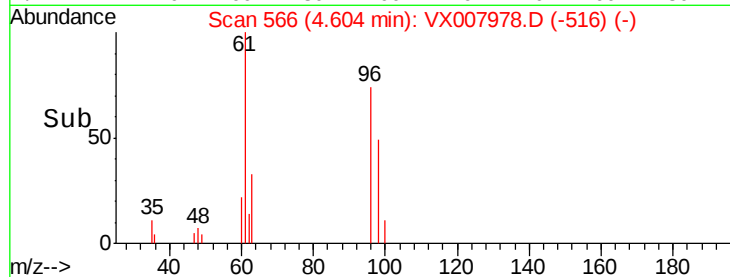
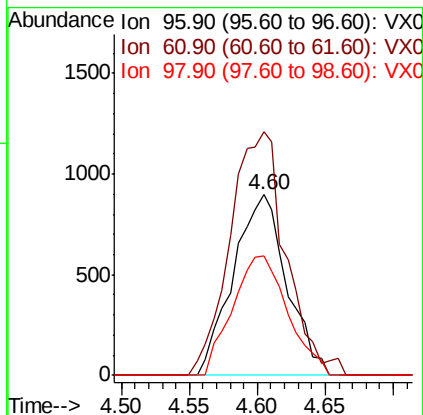
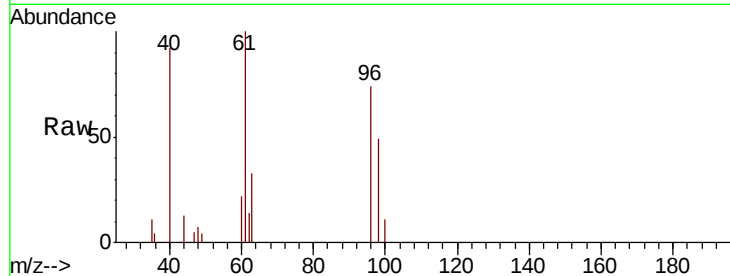


#27

cis-1,2-Dichloroethene
 Concen: 0.885 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007978.D
 Acq: 11 Mar 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190305DL

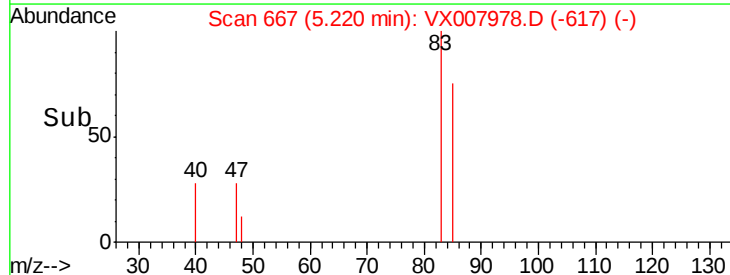
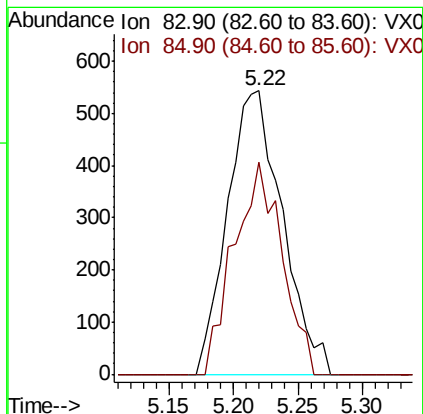
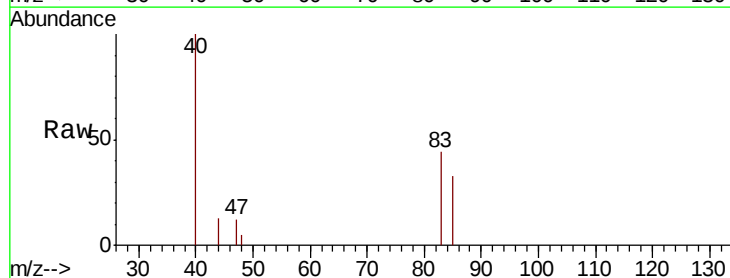
Tgt Ion: 96 Resp: 2469
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 288.0
 98 68.3 0.0 129.0

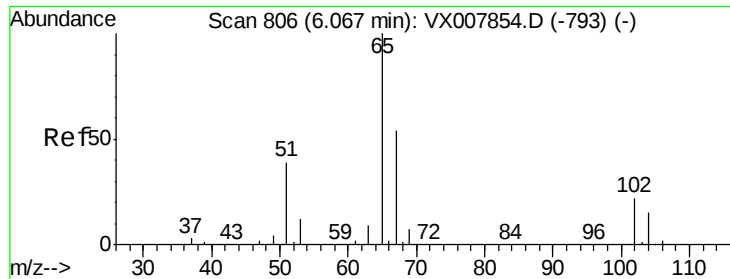


#30

Chloroform
 Concen: 0.370 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VX007978.D
 Acq: 11 Mar 2019 18:57

Tgt Ion: 83 Resp: 1610
 Ion Ratio Lower Upper
 83 100
 85 74.8 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 51.053 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

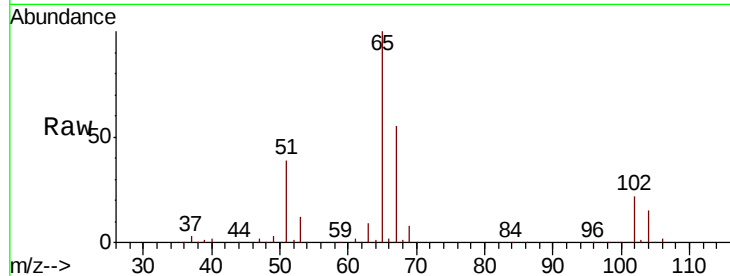
DUP01-20190305DL

Tgt Ion: 65 Resp: 140289

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

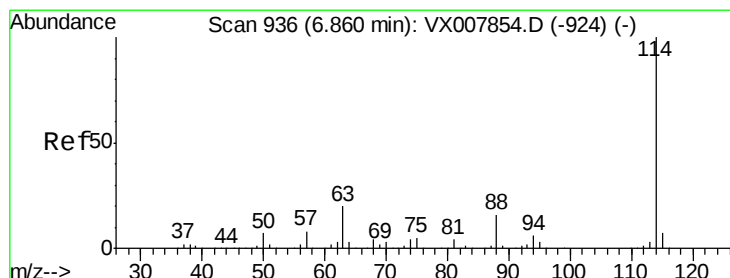
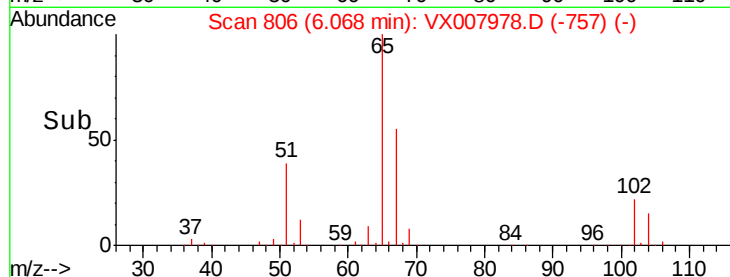
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

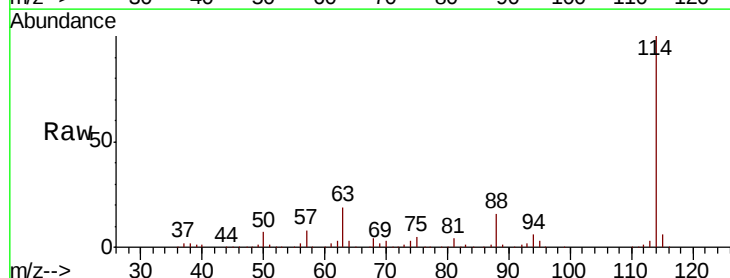
Tgt Ion: 114 Resp: 404123

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

88 15.7 0.0 31.4



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

6.86

200000

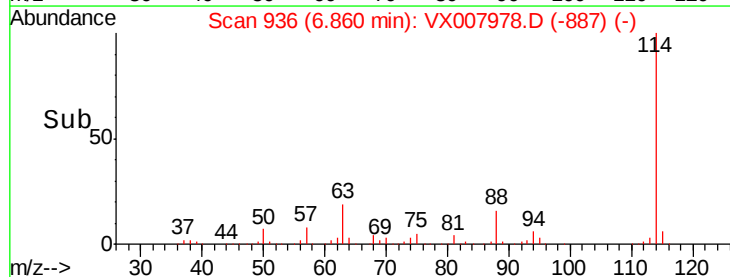
150000

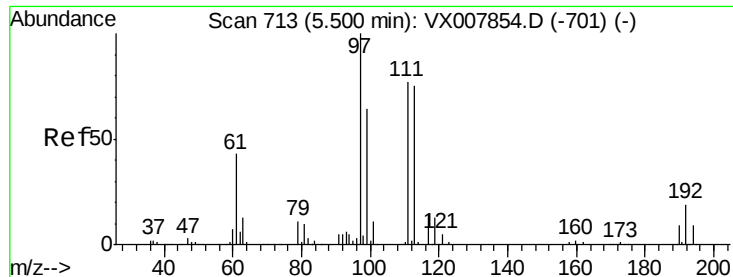
100000

50000

0

Time--> 6.80 7.00

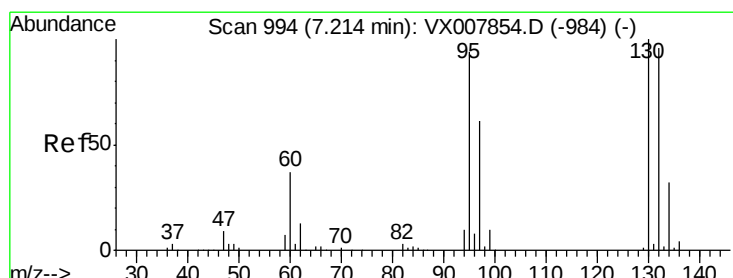
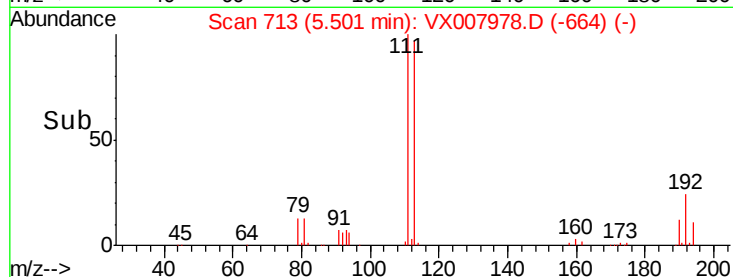
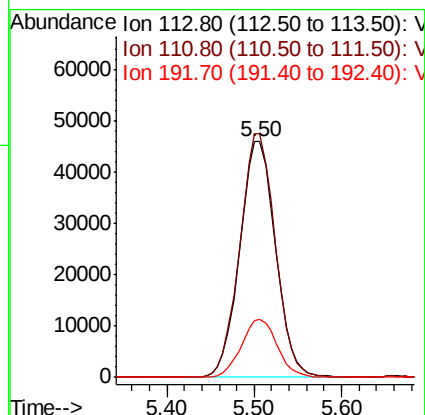
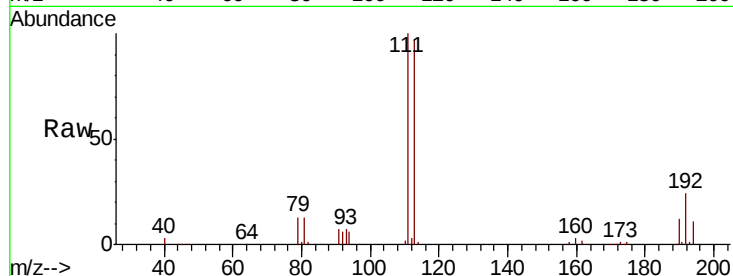




#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007978.D
Acq: 11 Mar 2019 18:57

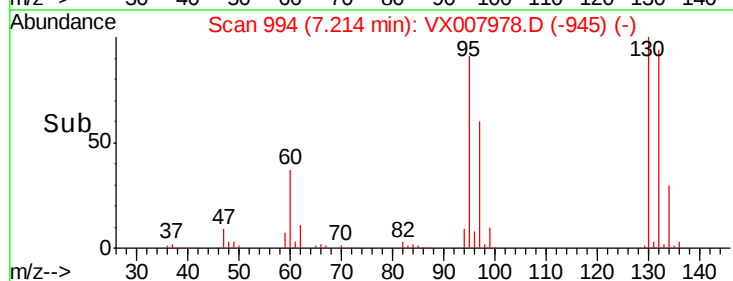
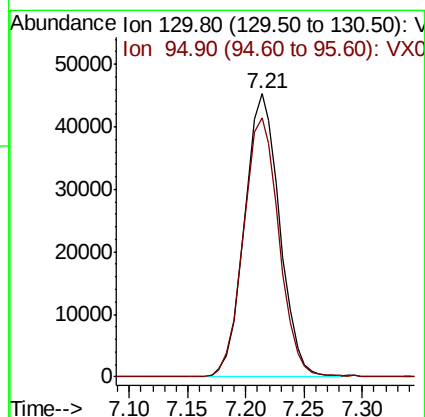
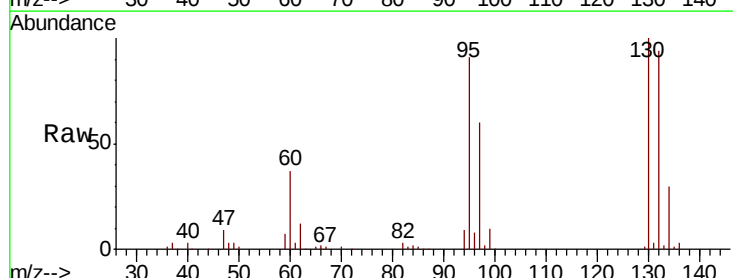
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305DL

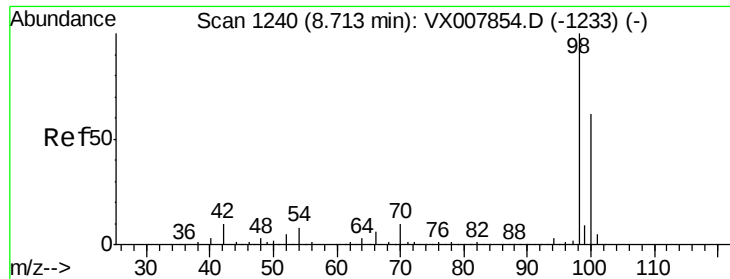
Tgt Ion:113 Resp: 131221
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 24.6 19.4 29.0



#44
Trichloroethene
Concen: 31.685 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007978.D
Acq: 11 Mar 2019 18:57

Tgt Ion:130 Resp: 95123
Ion Ratio Lower Upper
130 100
95 91.4 0.0 188.0





#50

Toluene-d8

Concen: 51.656 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

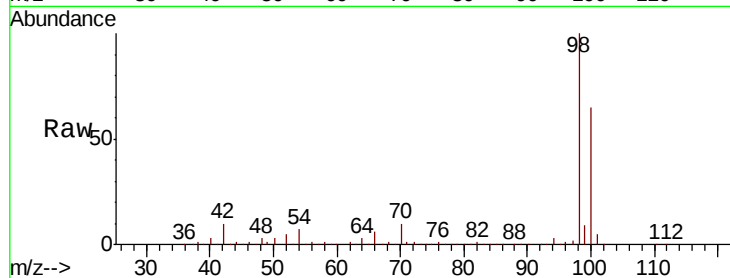
DUP01-20190305DL

Tgt Ion: 98 Resp: 490404

Ion Ratio Lower Upper

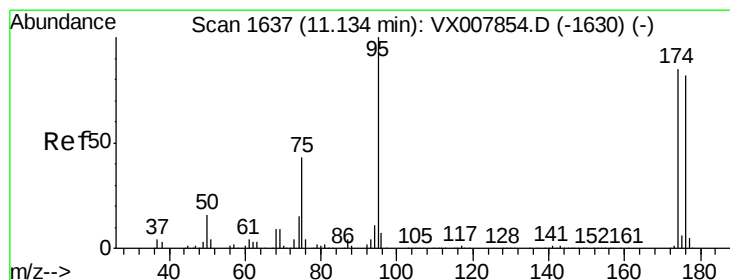
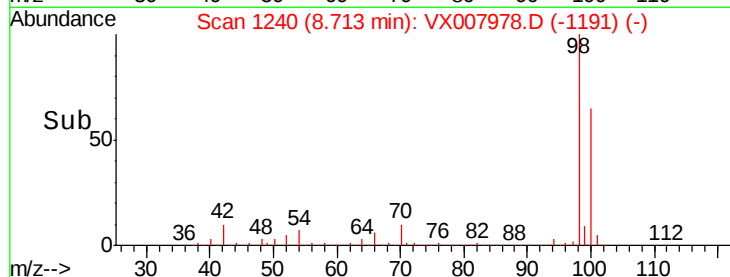
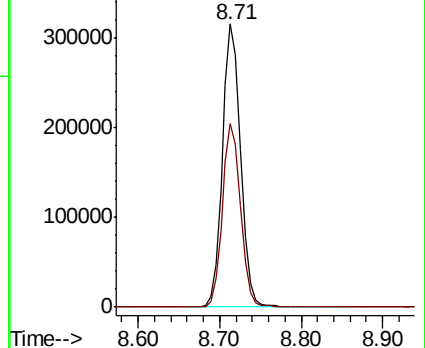
98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.570 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007978.D

Acq: 11 Mar 2019 18:57

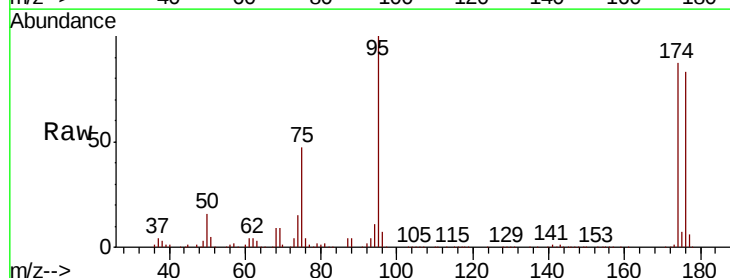
Tgt Ion: 95 Resp: 181637

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.8

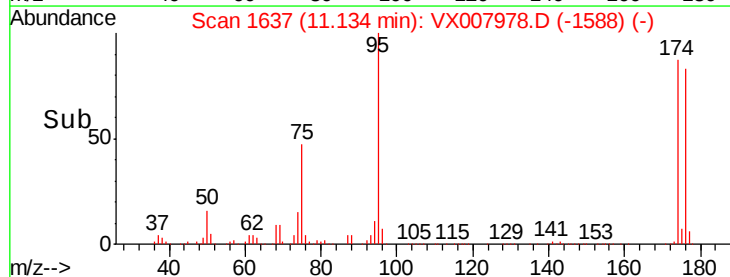
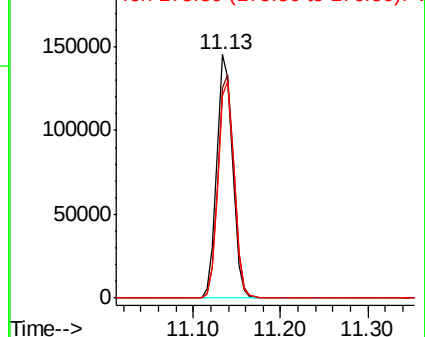
176 90.0 0.0 178.0

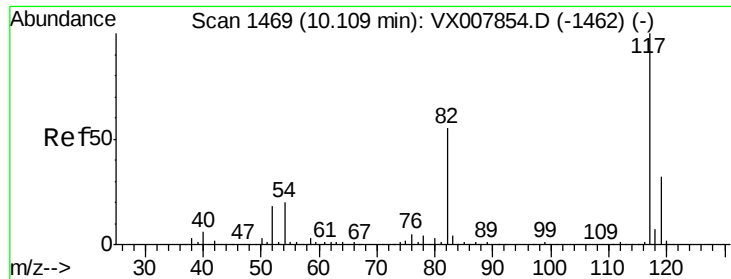


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

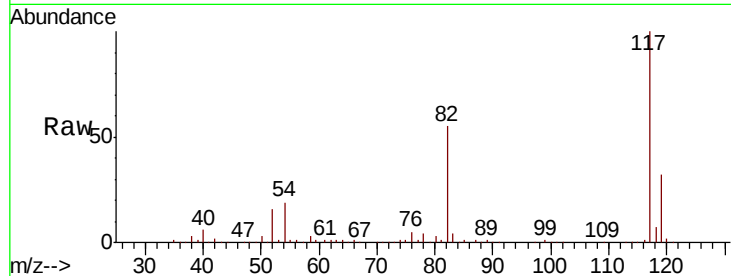




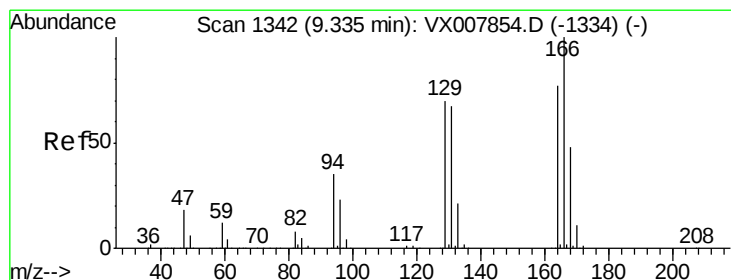
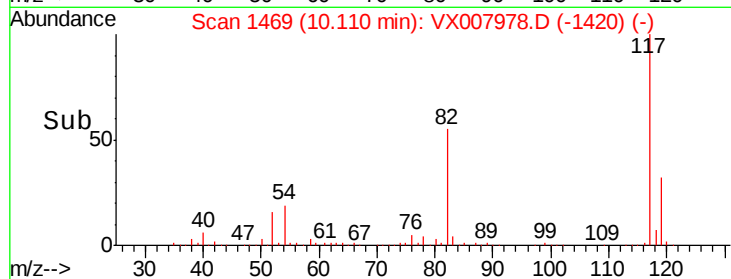
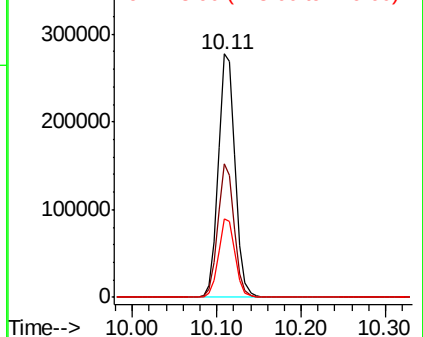
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007978.D
Acq: 11 Mar 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305DL

Tgt Ion:117 Resp: 383449
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.2 25.3 37.9



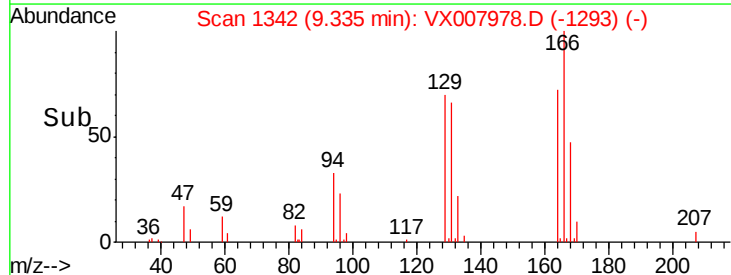
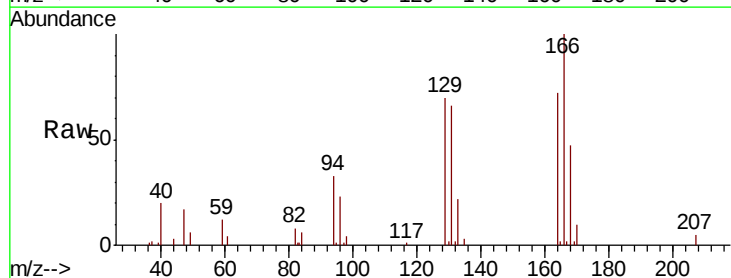
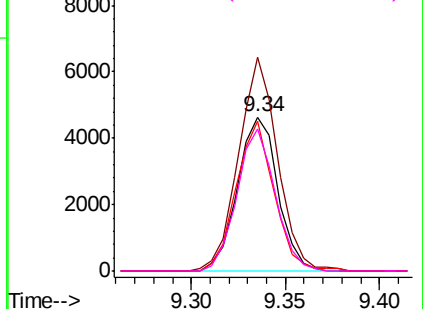
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

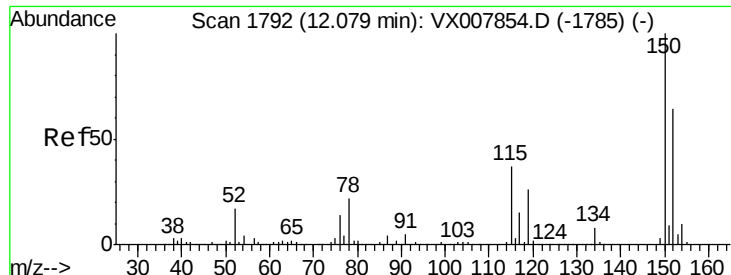


#64
Tetrachloroethene
Concen: 2.154 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007978.D
Acq: 11 Mar 2019 18:57

Tgt Ion:164 Resp: 6843
Ion Ratio Lower Upper
164 100
166 138.6 103.4 155.0
129 96.9 72.2 108.4
131 92.1 69.4 104.2

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

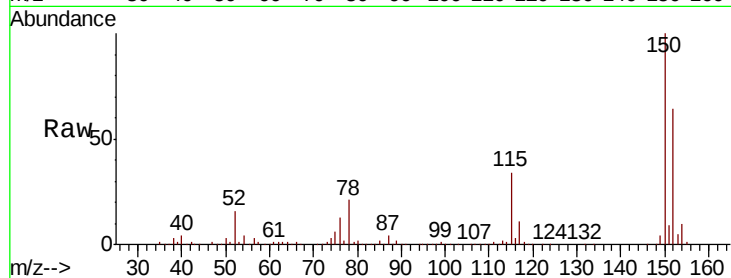




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007978.D
 Acq: 11 Mar 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190305DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.6	115.7
150	156.6	0.0	348.4



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

