

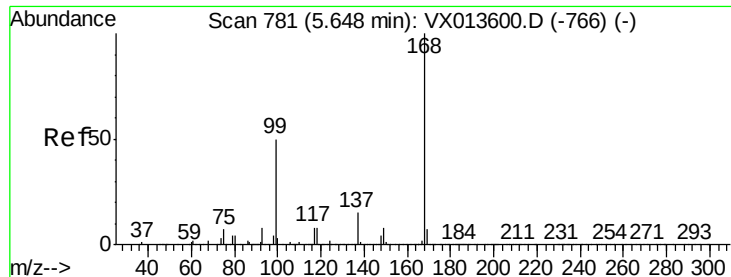
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013903.D
 Acq On : 10 Dec 2019 17:10
 Operator : JC/SP
 Sample : K6185-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20191204

Quant Time: Dec 11 03:24:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	861003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	774659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	313056	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	5.49	113	259231	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	1016254	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	333610	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10548	1.959	ug/l	98
16) Acetone	2.44	43	15536	4.800	ug/l	90
44) Trichloroethene	7.21	130	173692	26.587	ug/l	100
64) Tetrachloroethene	9.33	164	7133	1.235	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

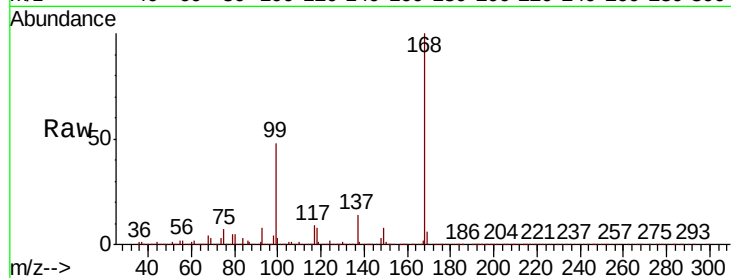
DUP02-20191204

Tot Ion:168 Resp: 564779

Ion Ratio Lower Upper

168 100

99 48.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

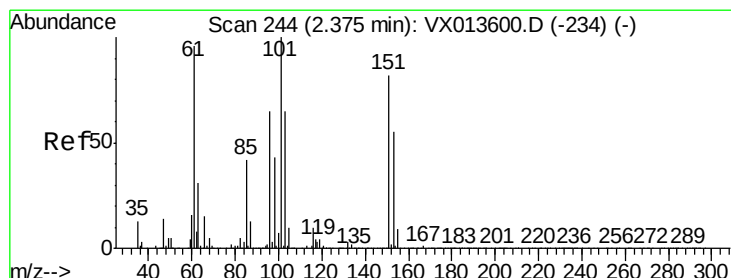
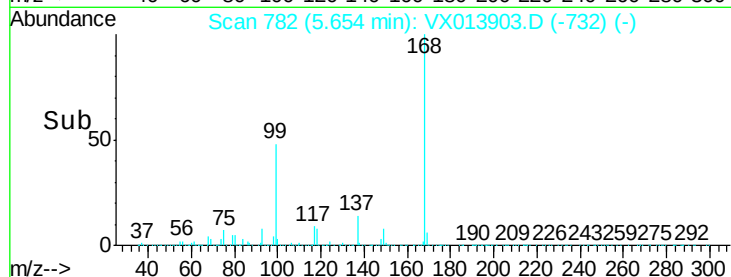
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.959 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

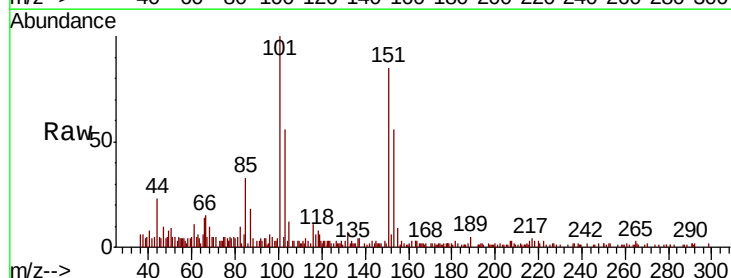
Tgt Ion:101 Resp: 10548

Ion Ratio Lower Upper

101 100

85 41.3 33.9 50.9

151 82.5 64.2 96.2



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

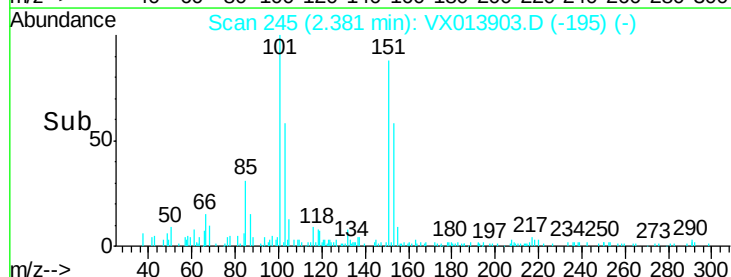
6000

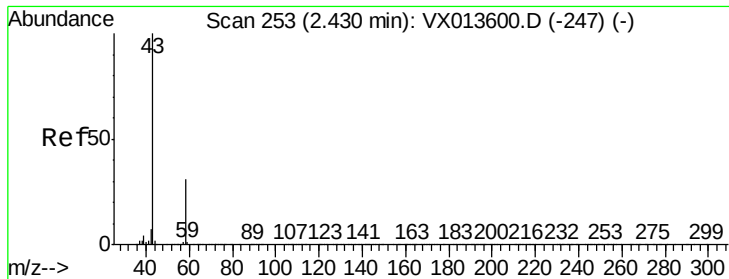
4000

2000

0

Time-->

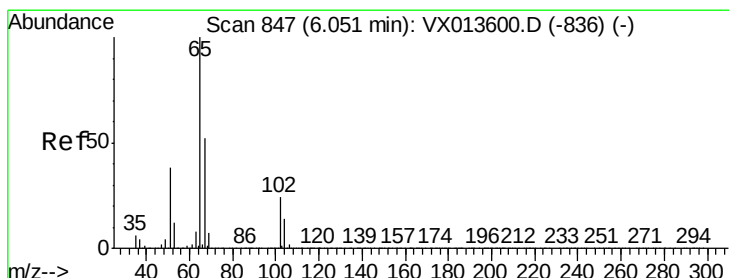
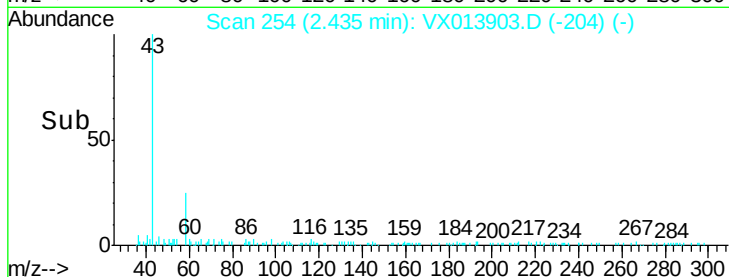
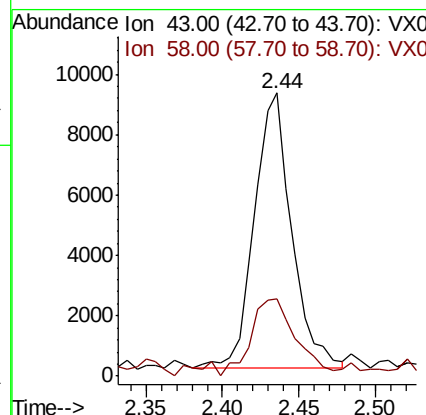
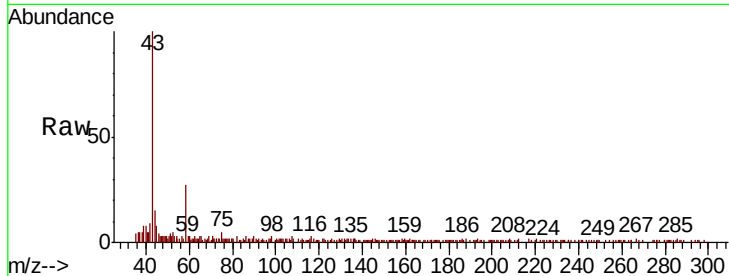




#16
Acetone
Concen: 4.800 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013903.D
Acq: 10 Dec 2019 17:10

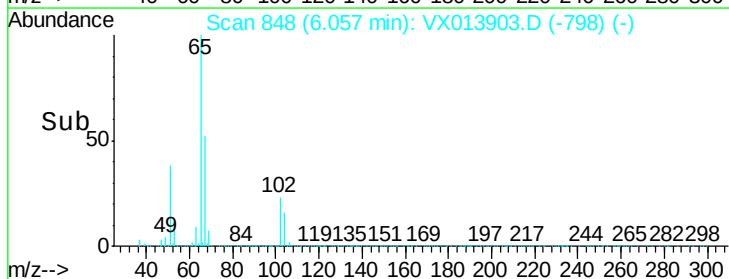
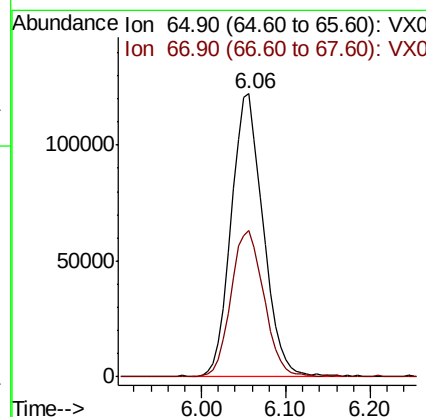
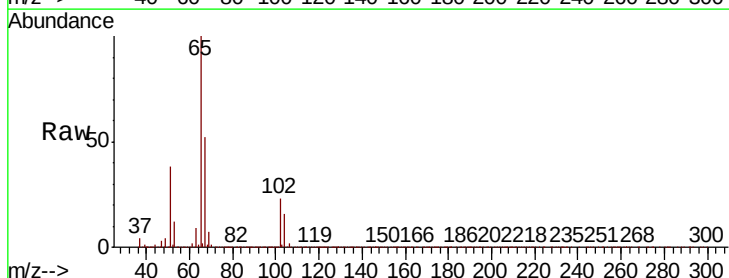
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

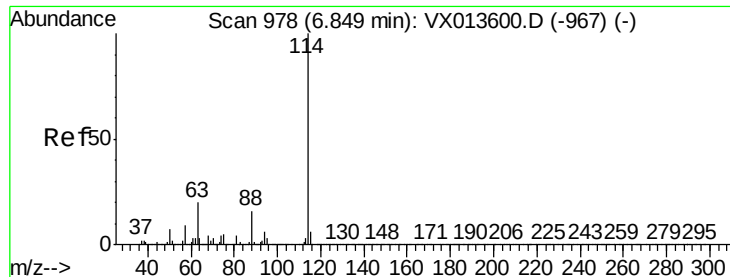
Tot Ion: 43 Resp: 15536
Ion Ratio Lower Upper
43 100
58 25.1 24.6 36.8



#33
1,2-Dichloroethane-d4
Concen: 47.753 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013903.D
Acq: 10 Dec 2019 17:10

Tgt Ion: 65 Resp: 313056
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20191204

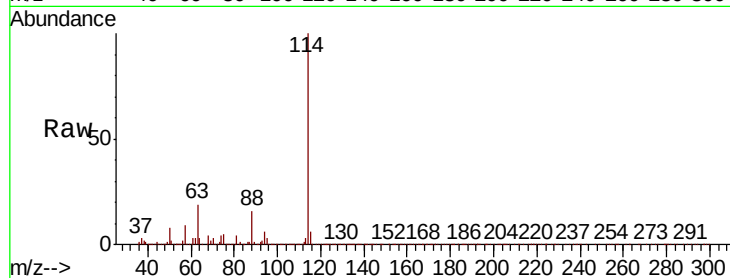
Tot Ion:114 Resp: 861003

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

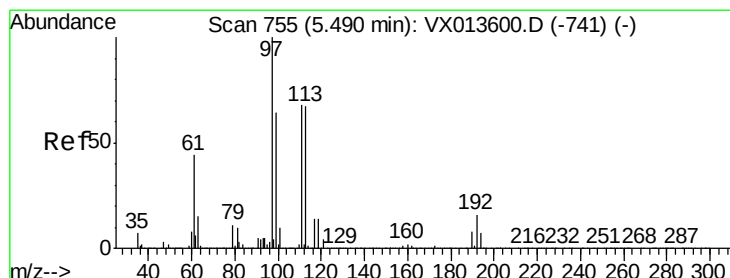
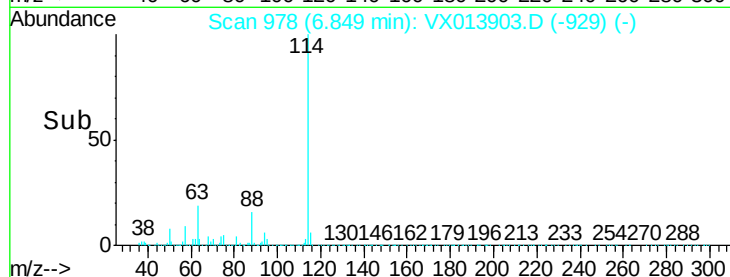
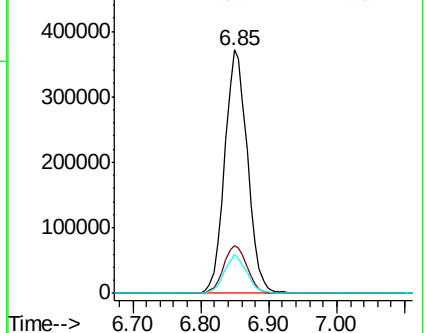
88 15.7 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.702 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

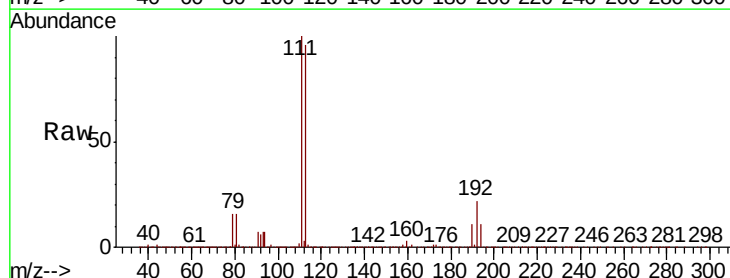
Tgt Ion:113 Resp: 259231

Ion Ratio Lower Upper

113 100

111 102.6 83.6 125.4

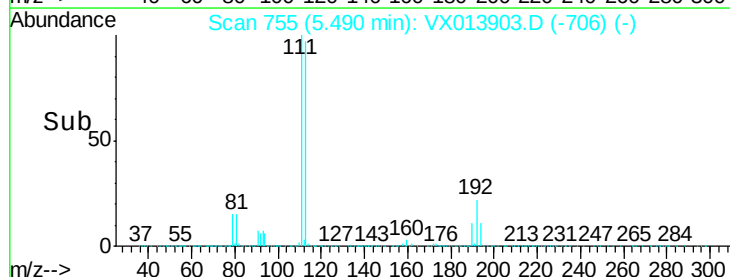
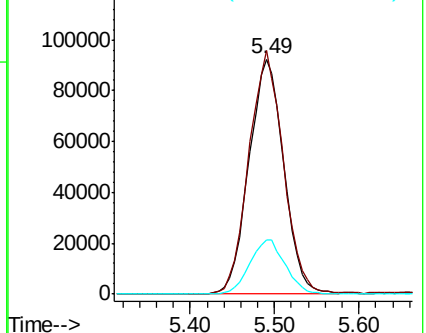
192 23.4 19.2 28.8

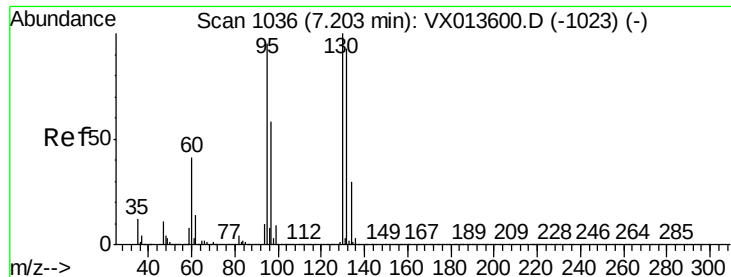


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 26.587 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

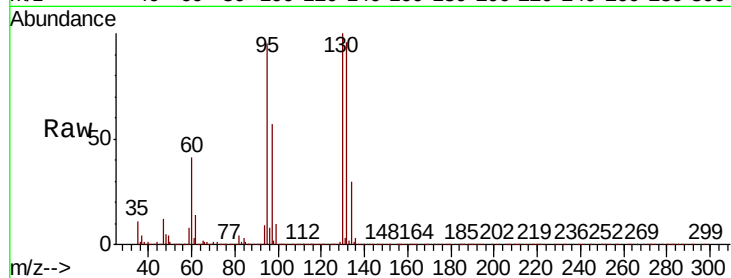
DUP02-20191204

Tot Ion:130 Resp: 173692

Ion Ratio Lower Upper

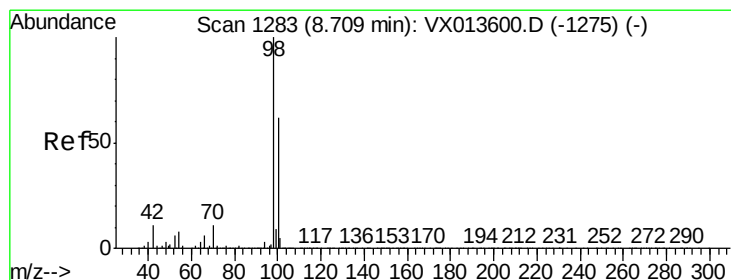
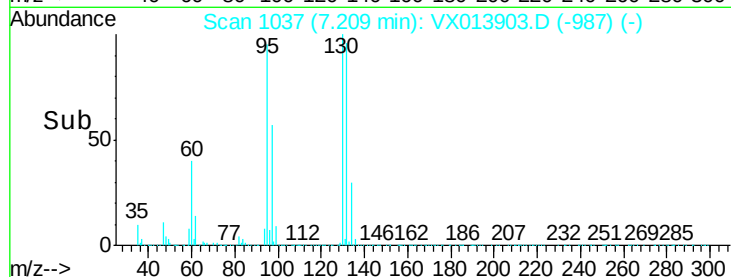
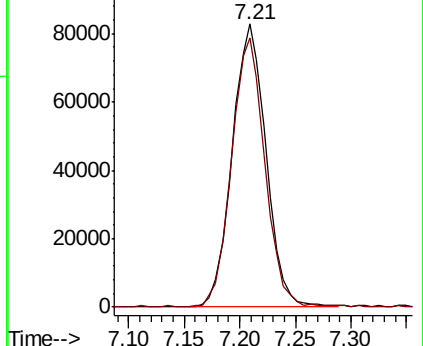
130 100

95 95.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.004 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013903.D

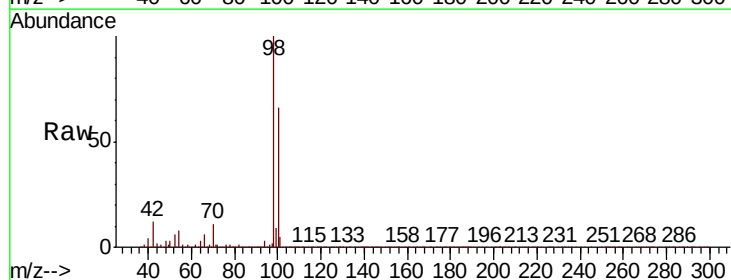
Acq: 10 Dec 2019 17:10

Tgt Ion: 98 Resp: 1016254

Ion Ratio Lower Upper

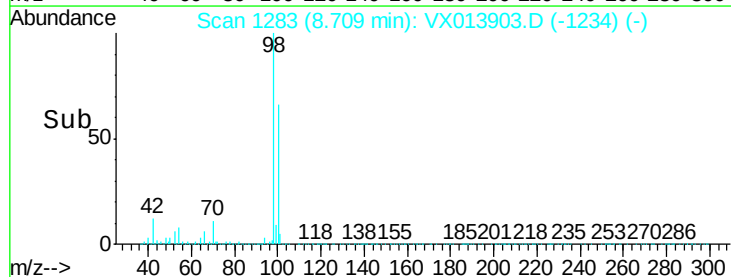
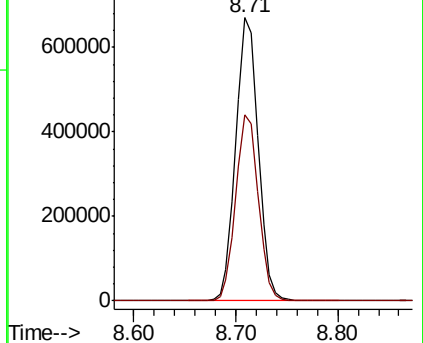
98 100

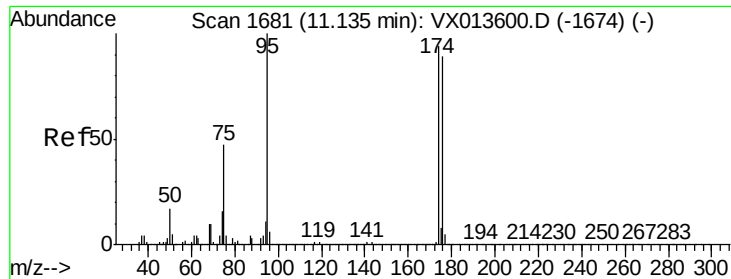
100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

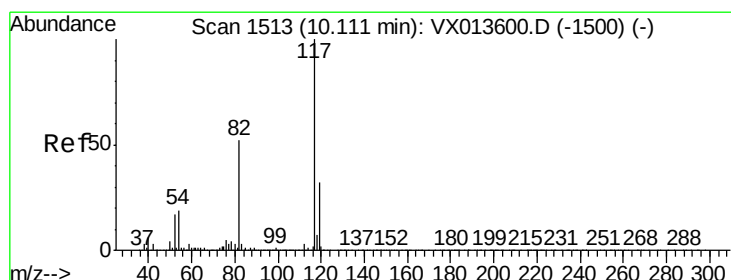
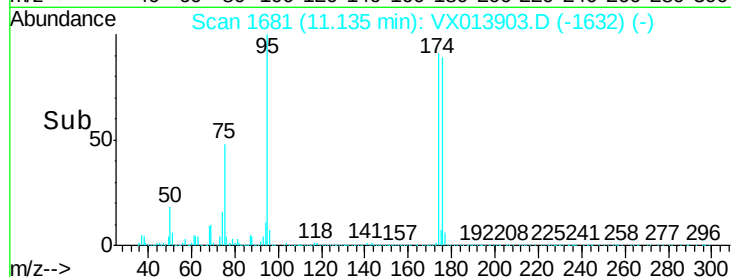
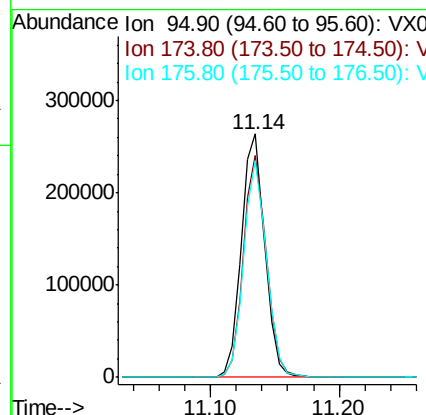
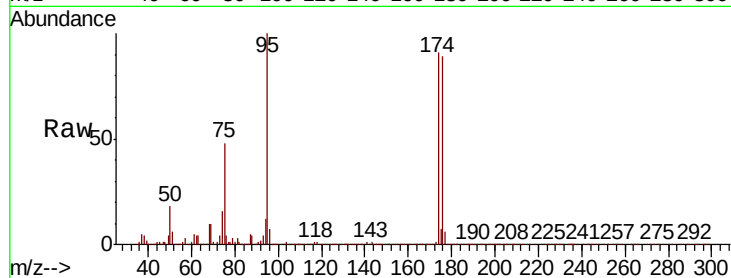




#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013903.D
Acq: 10 Dec 2019 17:10

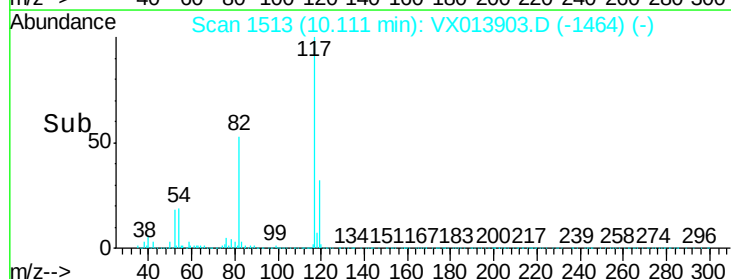
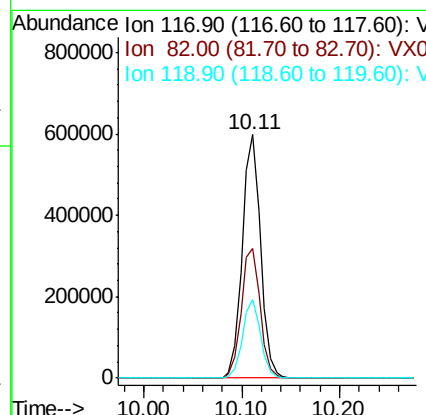
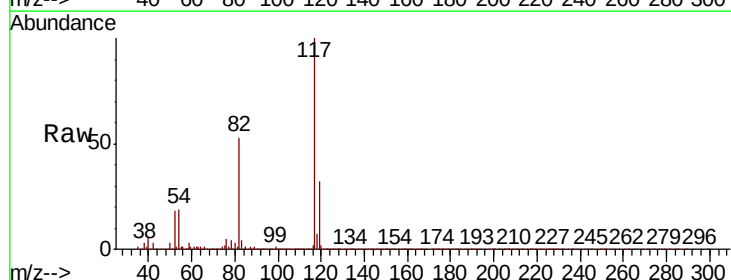
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

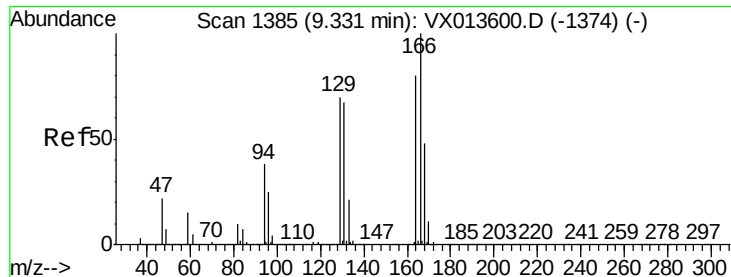
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	180.0
176	87.1	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013903.D
Acq: 10 Dec 2019 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.8	62.8
119	32.1	25.8	38.8





#64

Tetrachloroethene

Concen: 1.235 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20191204

Tot Ion:164 Resp: 7133

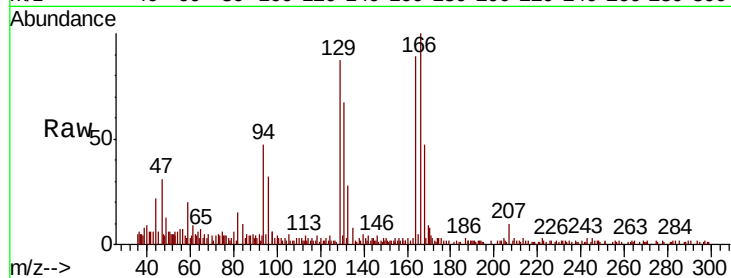
Ion Ratio Lower Upper

164 100

166 113.4 99.7 149.5

129 97.4 70.1 105.1

131 77.0 66.9 100.3

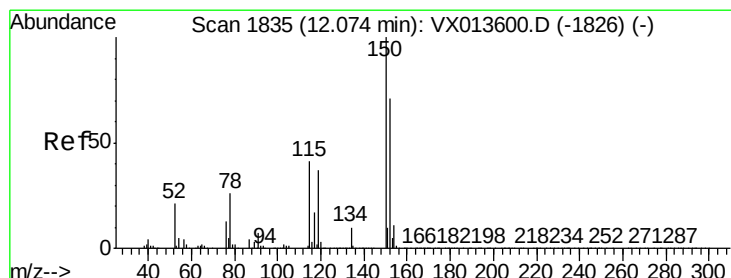
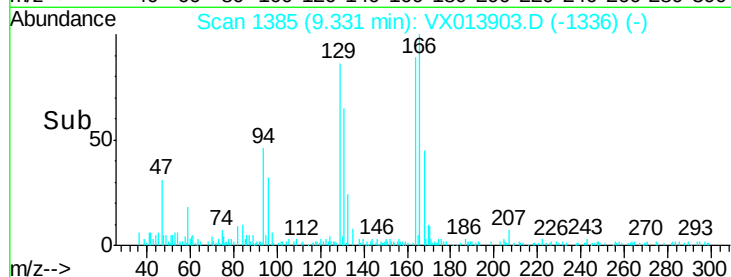
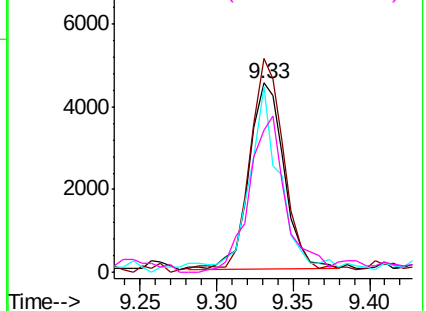


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013903.D

Acq: 10 Dec 2019 17:10

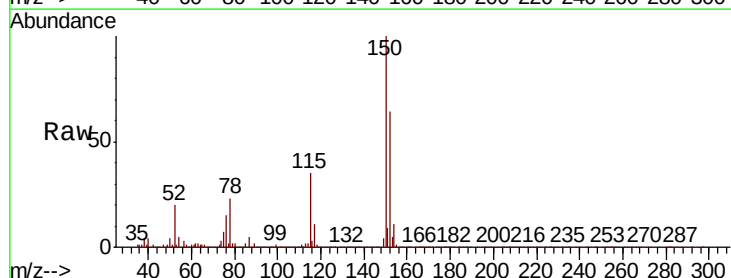
Tgt Ion:152 Resp: 332198

Ion Ratio Lower Upper

152 100

115 55.5 38.4 115.1

150 156.6 0.0 346.8



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

