

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013893.D
 Acq On : 10 Dec 2019 13:16
 Operator : JC/SP
 Sample : K6184-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20191202DL

Quant Time: Dec 11 02:53:33 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

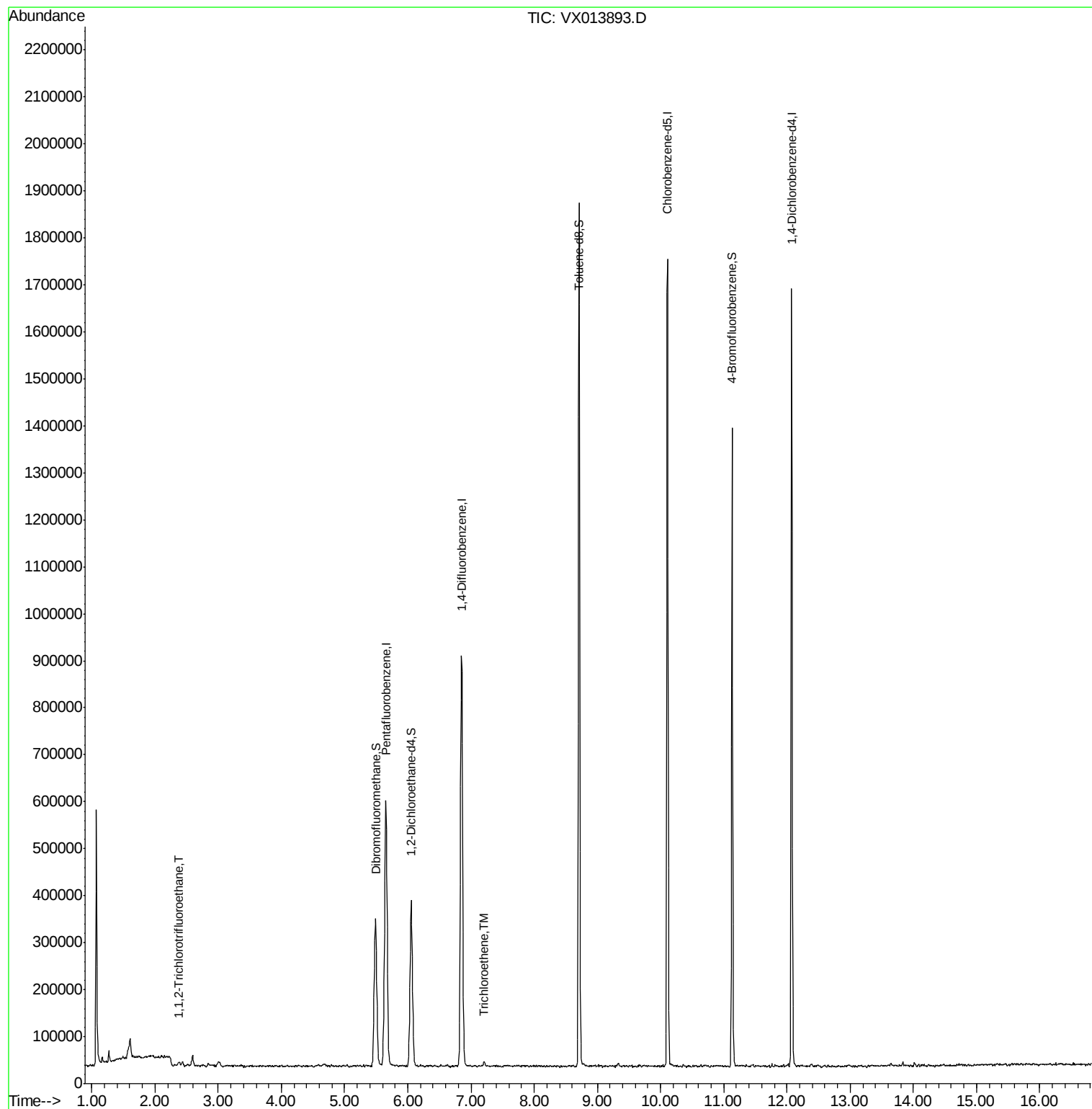
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	591654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	910729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	330078	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	5.49	113	272510	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1076727	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.14	95	356232	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4660	0.826	ug/l	92
44) Trichloroethene	7.20	130	5172	0.748	ug/l	67

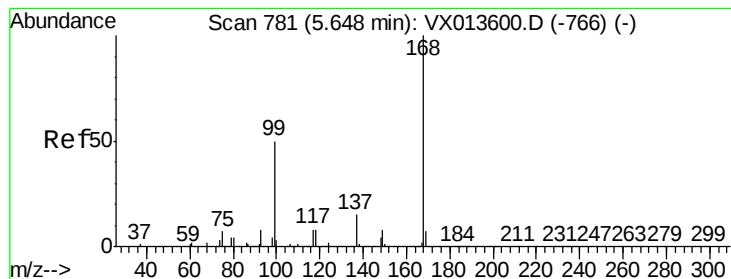
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

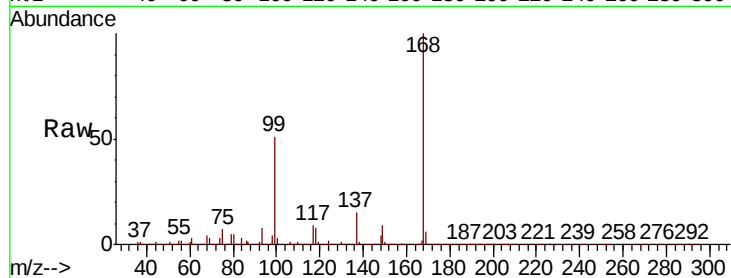
RE134D4-20191202DL

Tot Ion:168 Resp: 591654

Ion Ratio Lower Upper

168 100

99 51.1 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

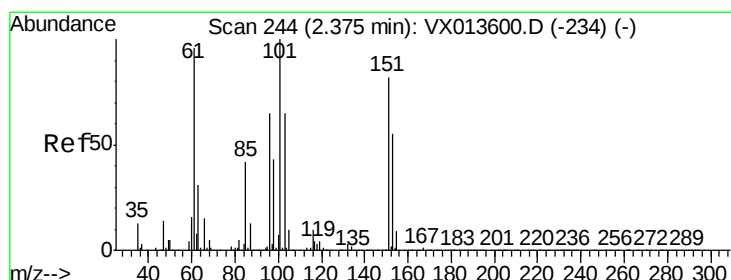
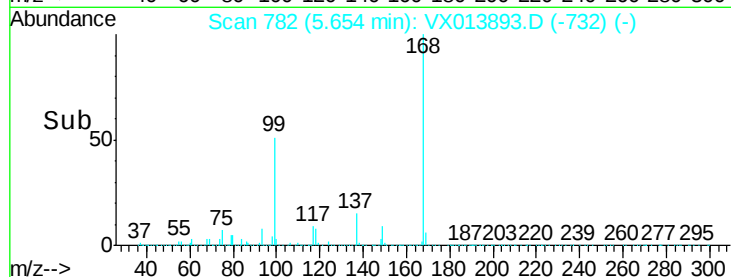
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.826 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

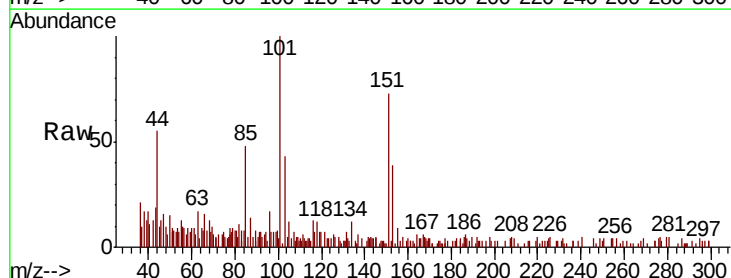
Tgt Ion:101 Resp: 4660

Ion Ratio Lower Upper

101 100

85 36.2 33.9 50.9

151 86.1 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

2.37

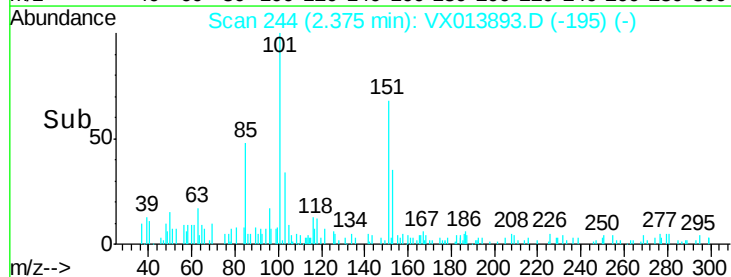
3000

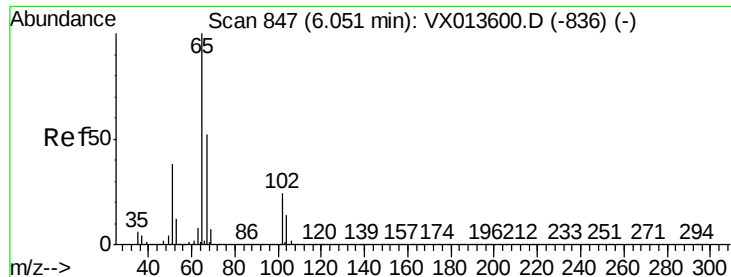
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.062 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

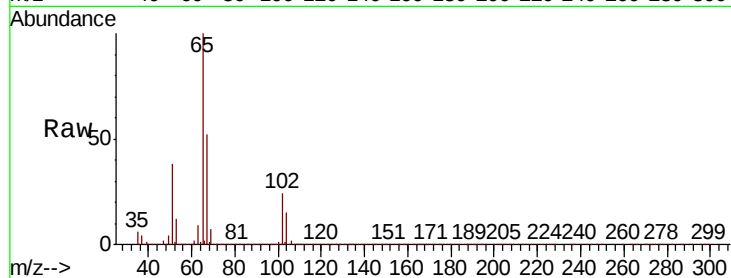
RE134D4-20191202DL

Tot Ion: 65 Resp: 330078

Ion Ratio Lower Upper

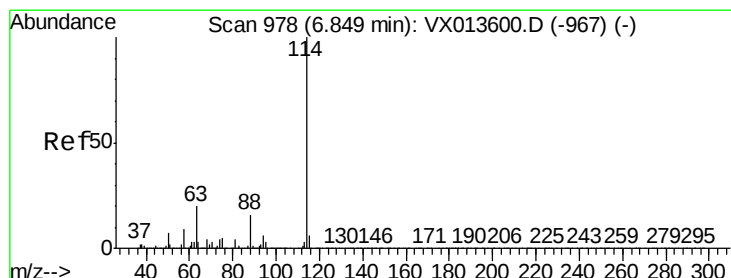
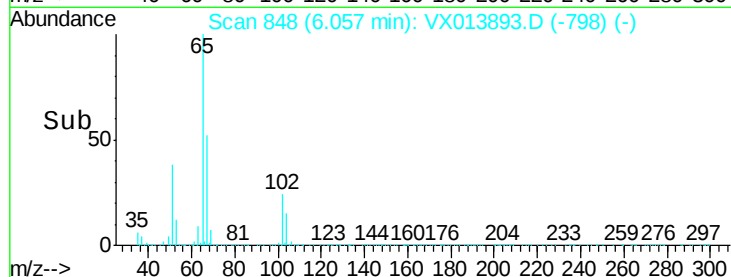
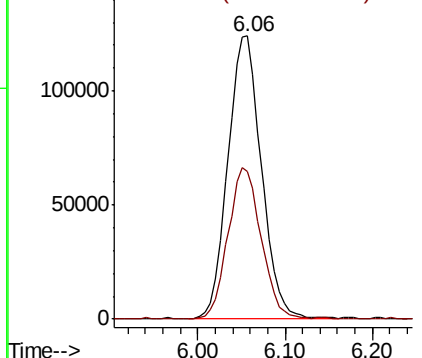
65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

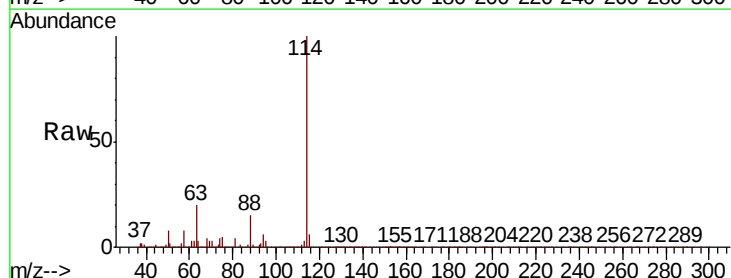
Tgt Ion: 114 Resp: 910729

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

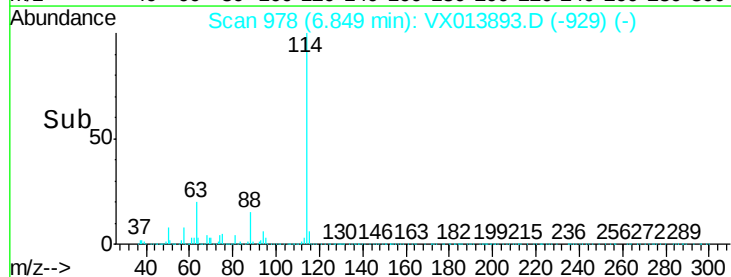
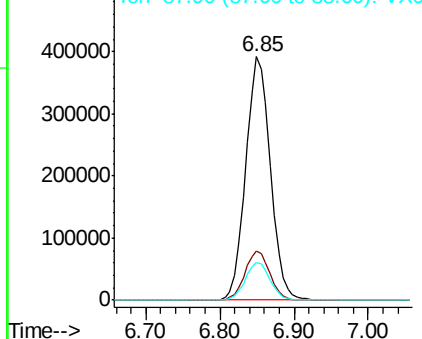
88 15.2 0.0 31.4

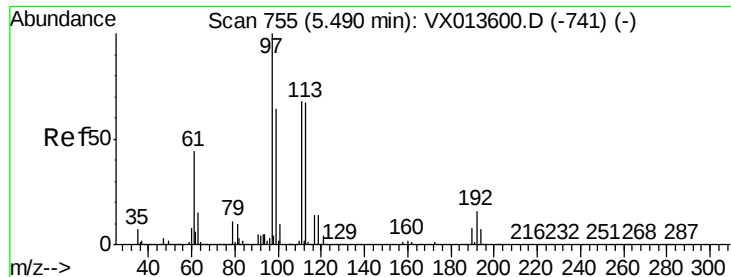


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

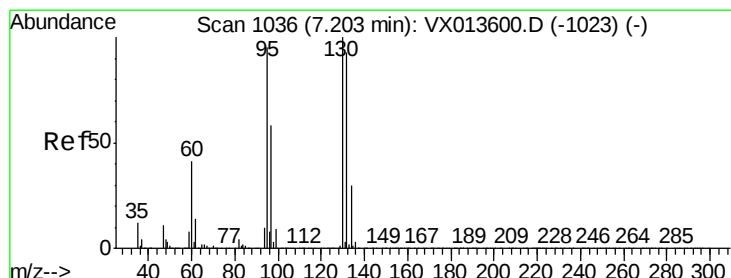
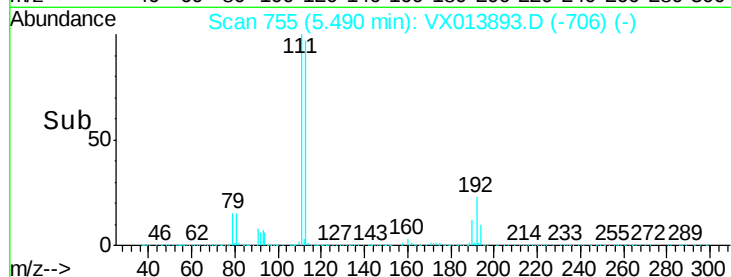
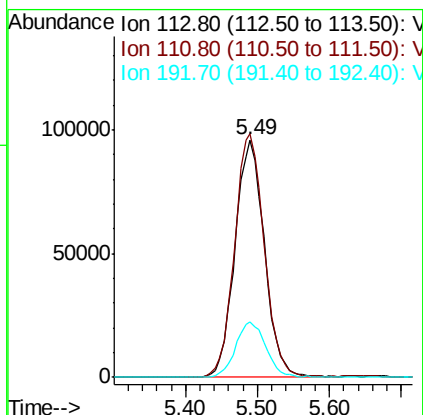
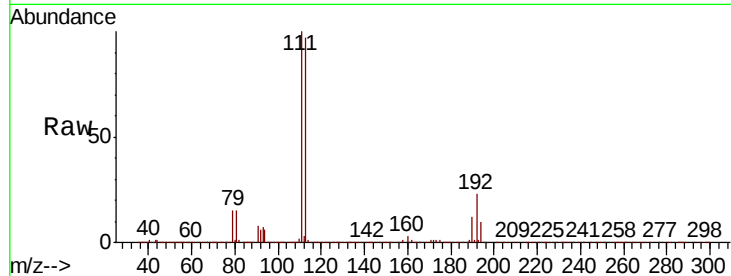




#35
Dibromofluoromethane
Concen: 48.401 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013893.D
Acq: 10 Dec 2019 13:16

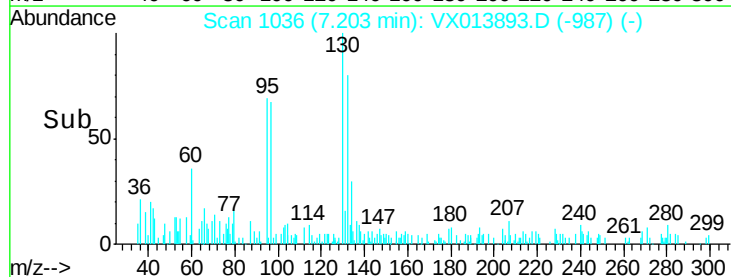
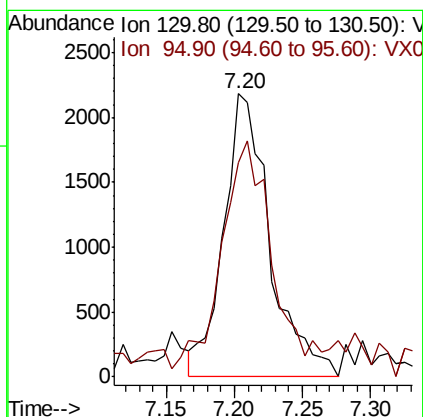
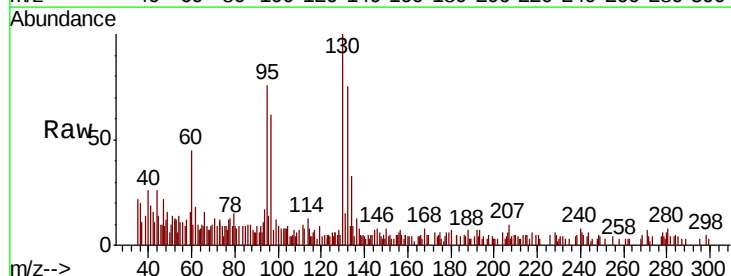
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202DL

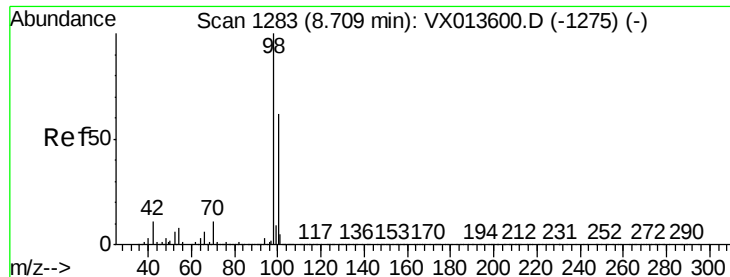
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.6	125.4
192	23.8	19.2	28.8



#44
Trichloroethene
Concen: 0.748 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013893.D
Acq: 10 Dec 2019 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	62.9	0.0	190.8





#50

Toluene-d8

Concen: 49.085 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

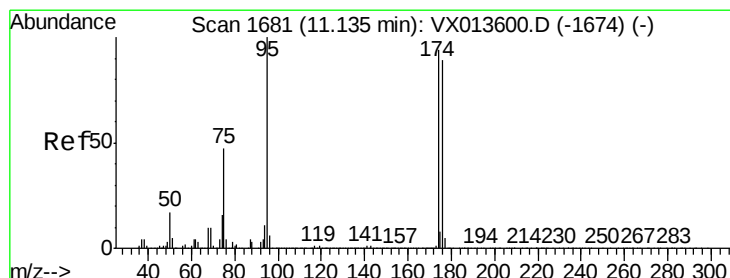
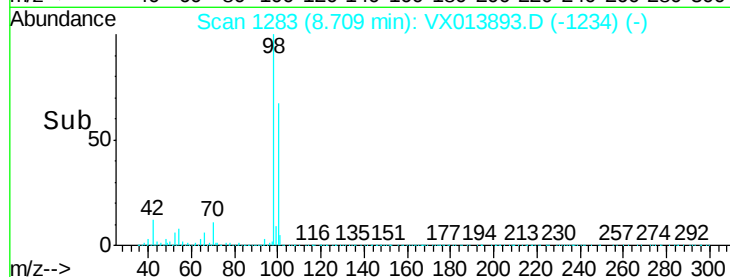
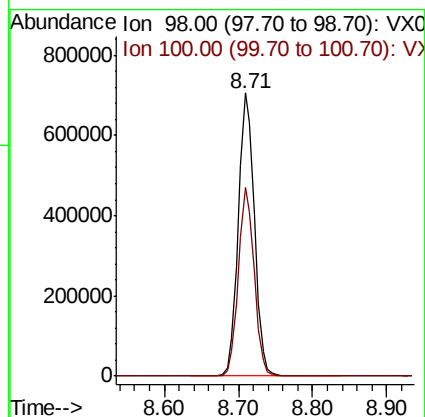
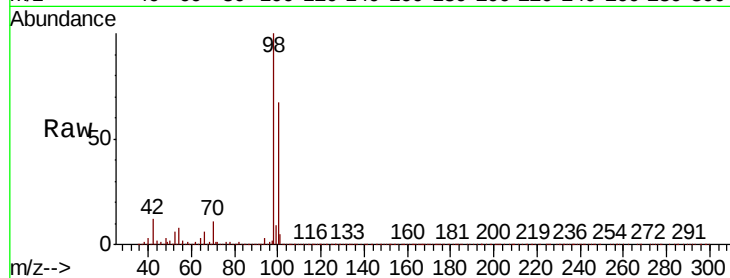
RE134D4-20191202DL

Tot Ion: 98 Resp: 1076727

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.034 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

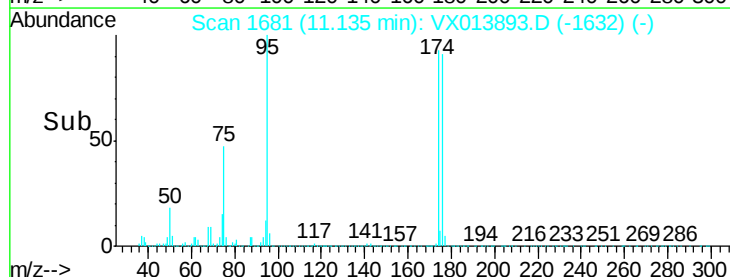
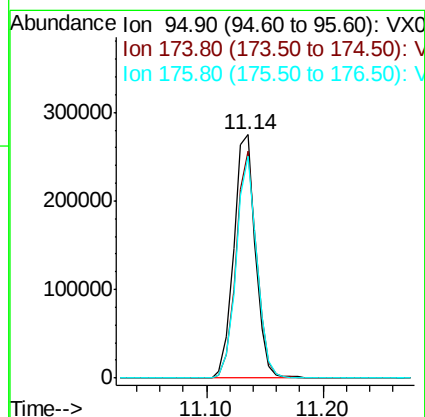
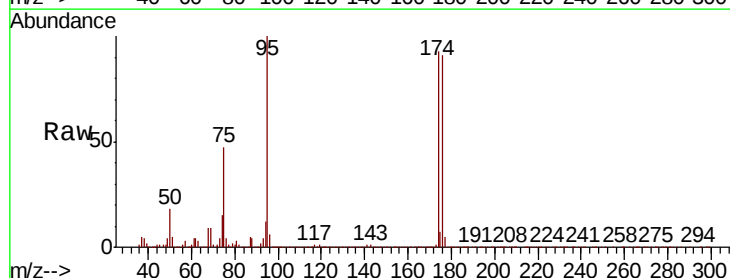
Tgt Ion: 95 Resp: 356232

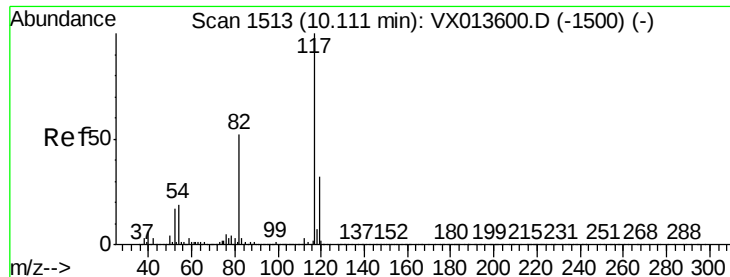
Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

176 86.9 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: VX013893.D

Acq: 10 Dec 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202DL

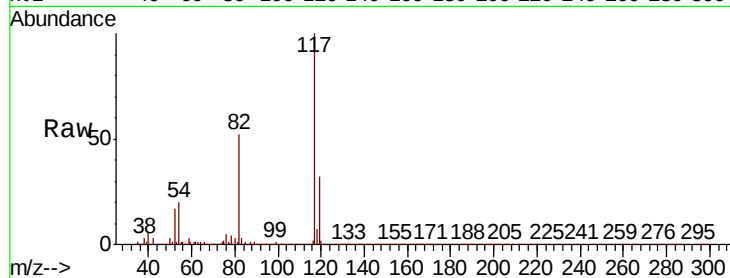
Tot Ion:117 Resp: 810618

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

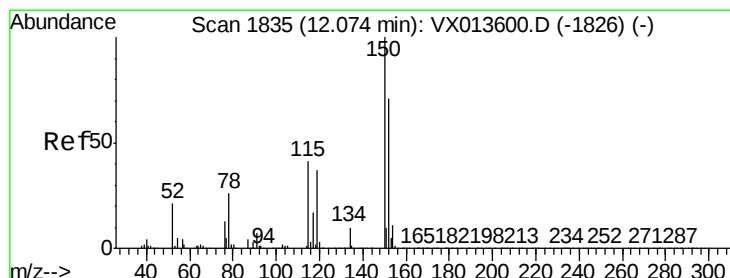
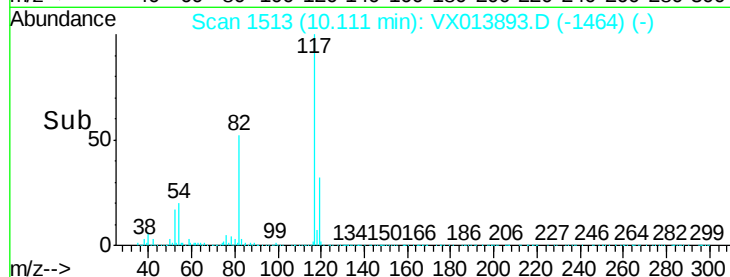
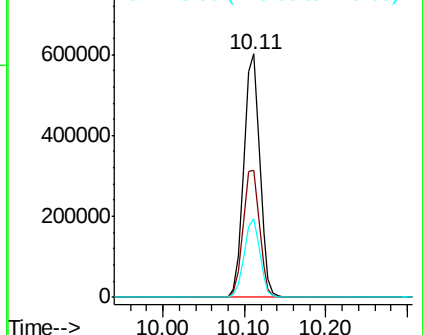
119 32.5 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013893.D

Acq: 10 Dec 2019 13:16

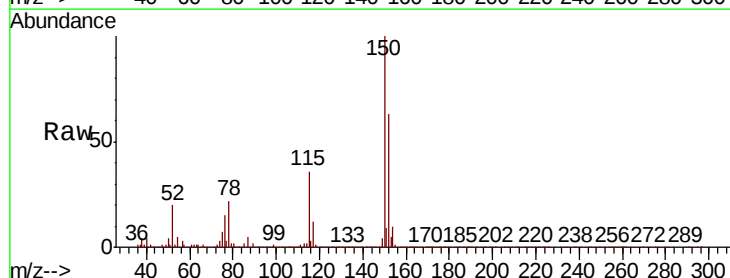
Tgt Ion:152 Resp: 344569

Ion Ratio Lower Upper

152 100

115 56.4 38.4 115.1

150 157.2 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

