

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137865.D
 Acq On : 09 Dec 2019 20:51
 Operator : JC/SP
 Sample : K6185-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:53:30 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

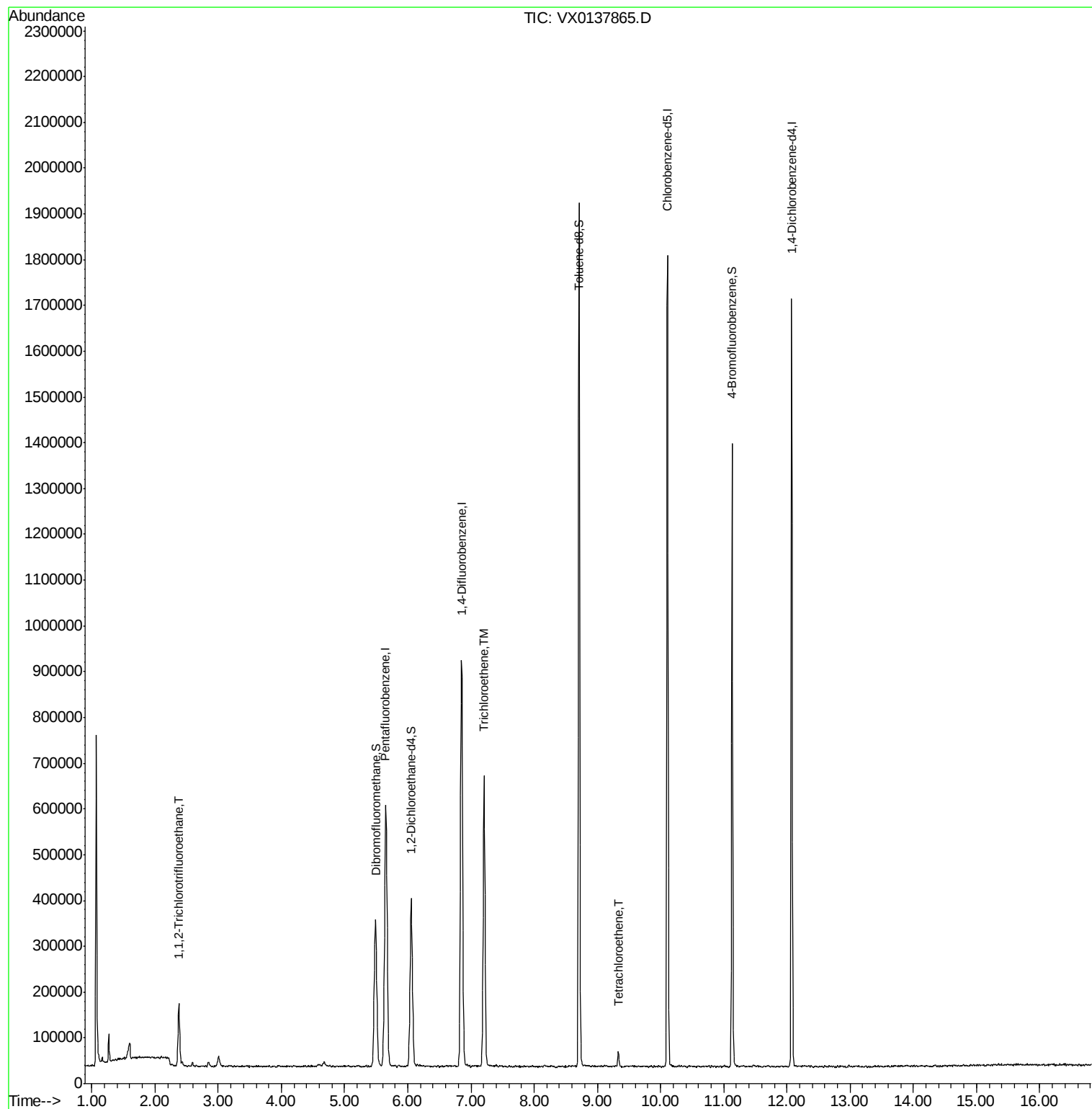
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	600482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	928980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	822348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	337320	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	5.49	113	280710	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	1088584	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	360551	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58543	10.226	ug/l	Qvalue 100
44) Trichloroethene	7.21	130	255180	36.202	ug/l	96
64) Tetrachloroethene	9.33	164	7405	1.207	ug/l #	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

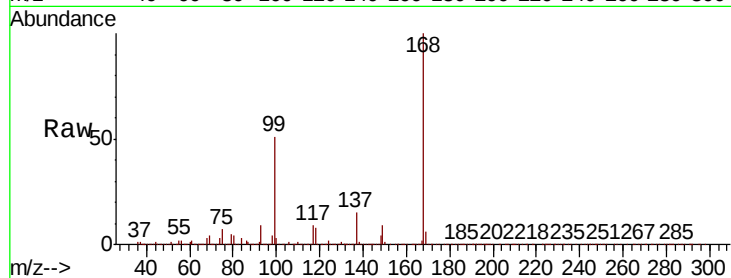
ClientSampleId :

Tot Ion:168 Resp: 600482

Ion Ratio Lower Upper

168 100

99 50.8 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

250000

200000

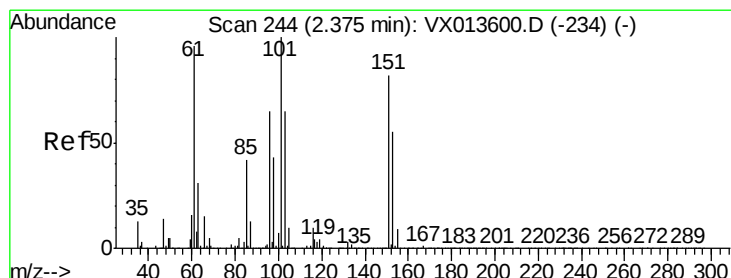
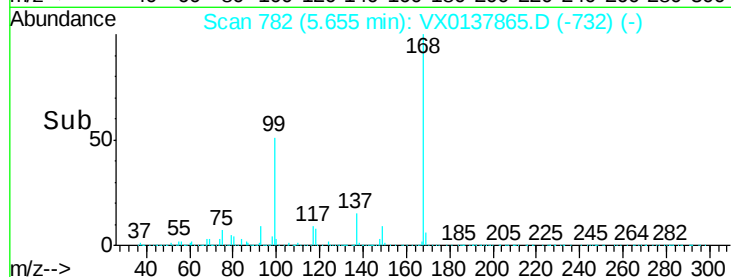
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.226 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137865.D

Acq: 09 Dec 2019 20:51

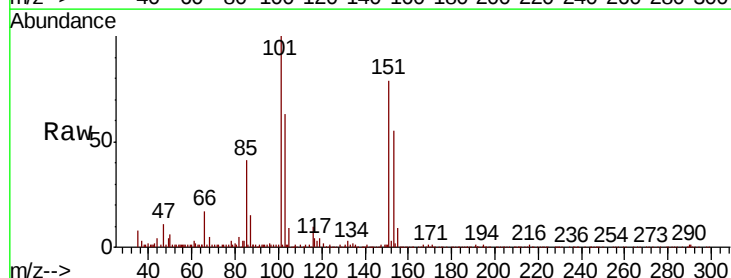
Tgt Ion:101 Resp: 58543

Ion Ratio Lower Upper

101 100

85 42.5 33.9 50.9

151 80.2 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

40000

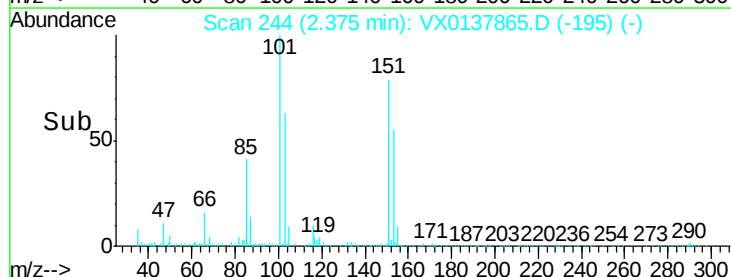
30000

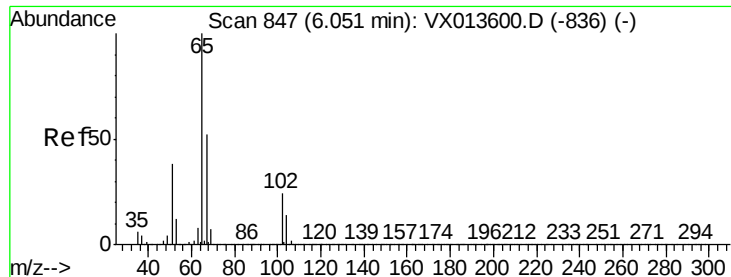
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.394 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX0137865.D

Acq: 09 Dec 2019 20:51

Instrument :

MSVOA_X

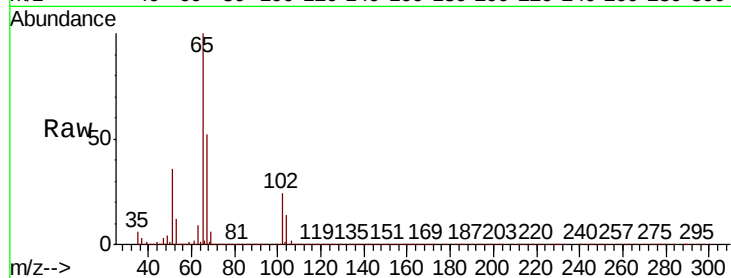
ClientSampleId :

Tot Ion: 65 Resp: 337320

Ion Ratio Lower Upper

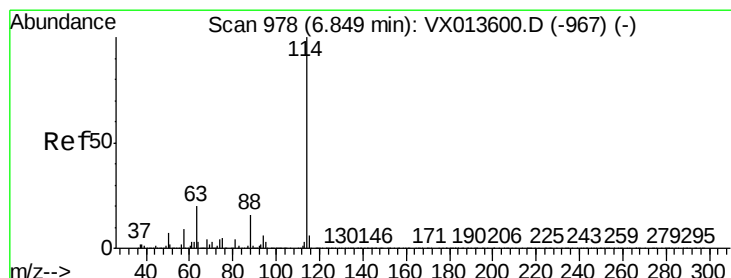
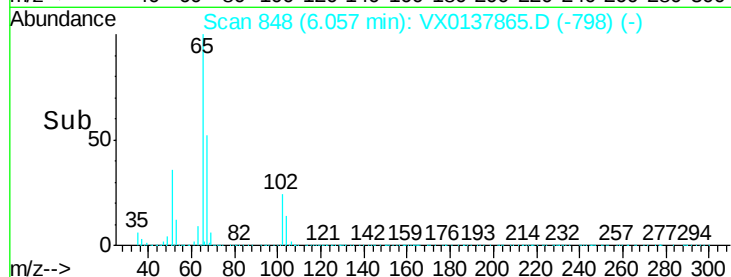
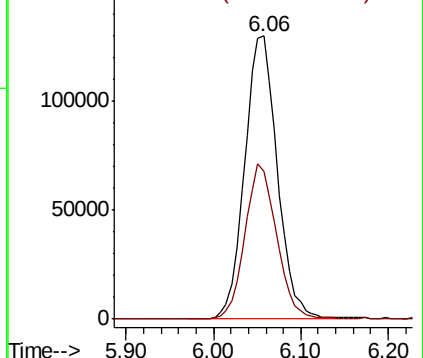
65 100

67 53.2 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: VX0137865.D

Acq: 09 Dec 2019 20:51

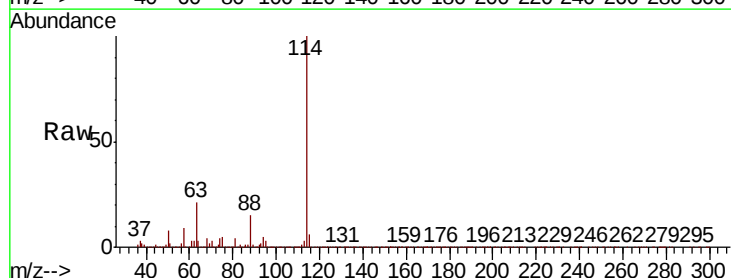
Tgt Ion: 114 Resp: 928980

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

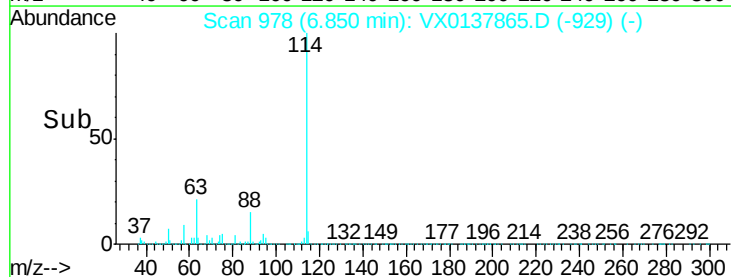
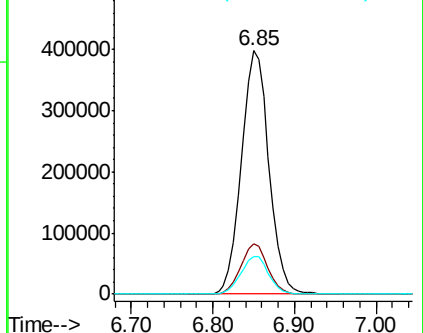
88 15.3 0.0 31.4

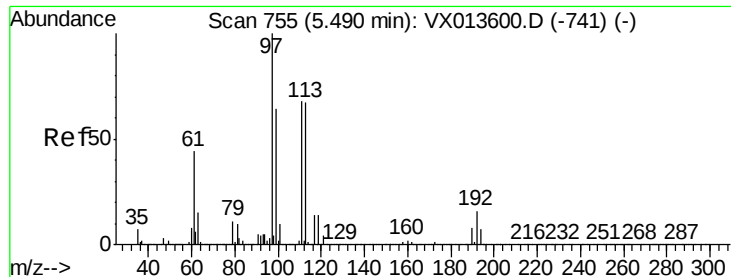


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

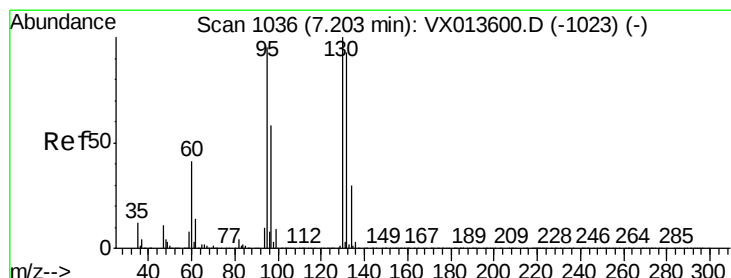
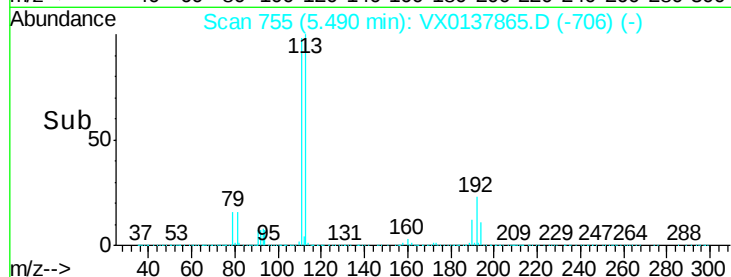
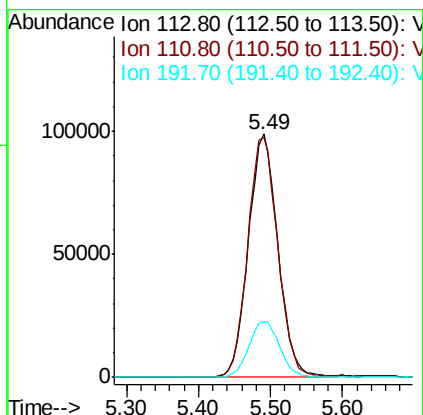
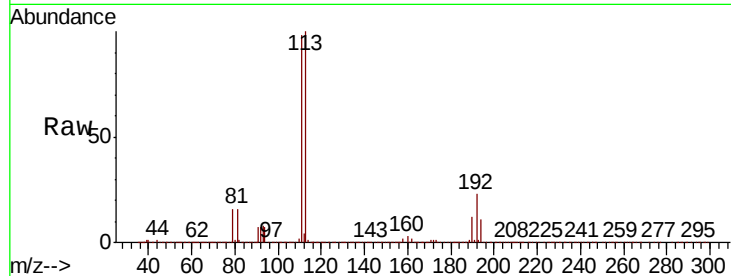




#35
 Dibromofluoromethane
 Concen: 48.878 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX0137865.D
 Acq: 09 Dec 2019 20:51

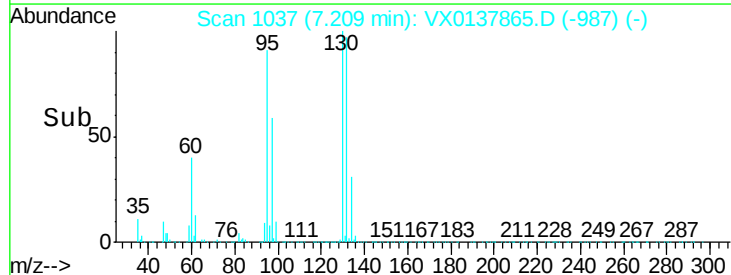
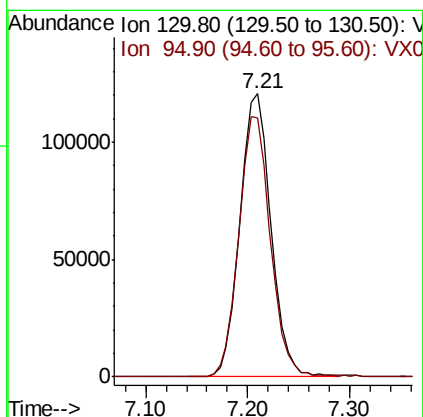
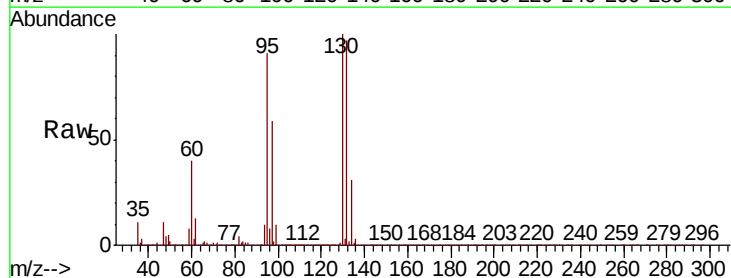
Instrument :
 MSVOA_X
 ClientSampled :

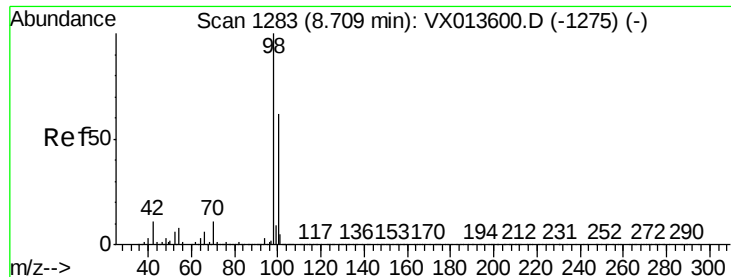
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.6	125.4
192	24.0	19.2	28.8



#44
 Trichloroethene
 Concen: 36.202 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137865.D
 Acq: 09 Dec 2019 20:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	190.8

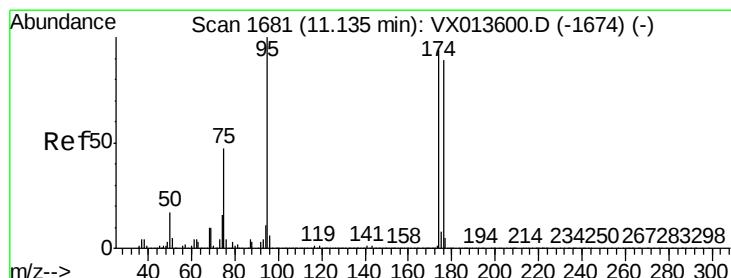
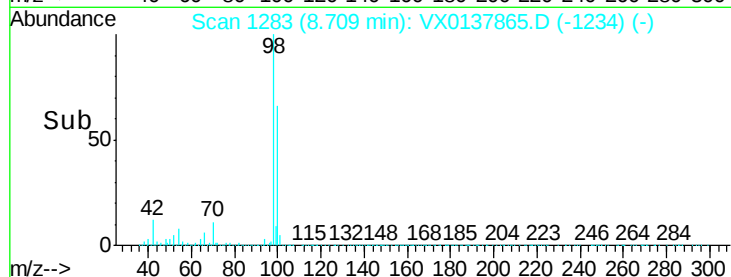
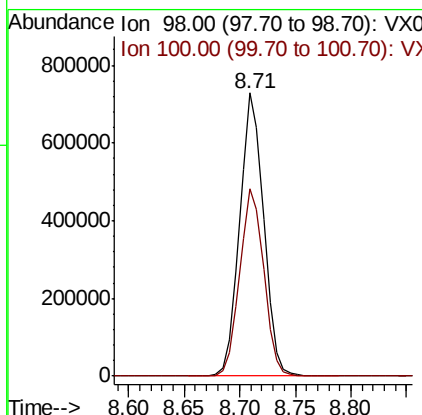
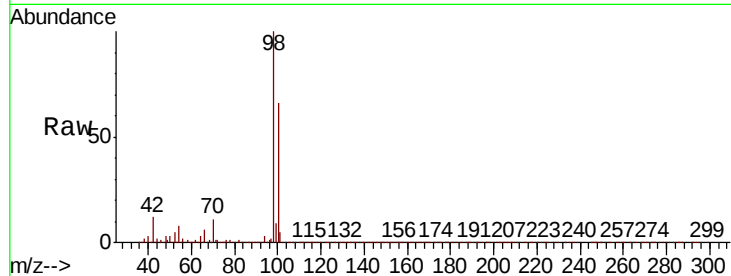




#50
Toluene-d8
Concen: 48.650 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX0137865.D
Acq: 09 Dec 2019 20:51

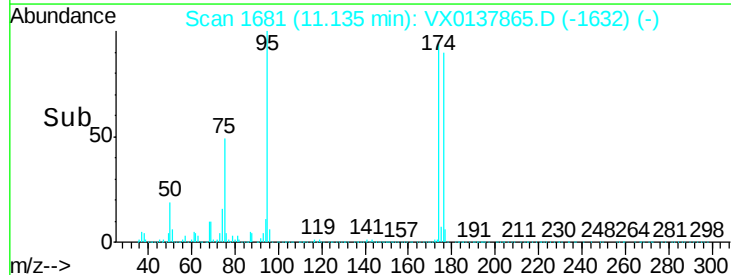
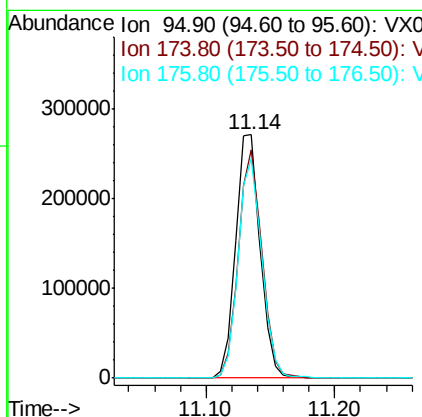
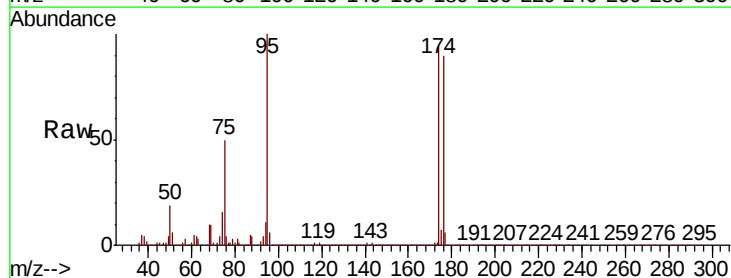
Instrument :
MSVOA_X
ClientSampled :

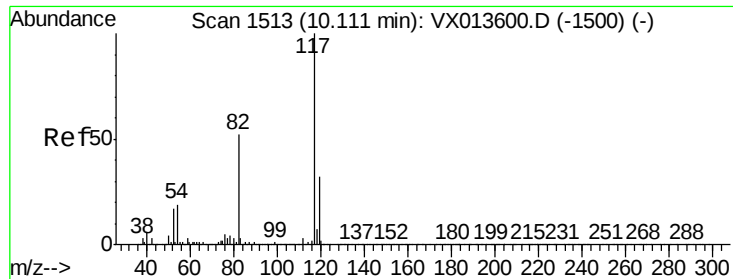
Tot Ion: 98 Resp: 1088584
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.685 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX0137865.D
Acq: 09 Dec 2019 20:51

Tgt Ion: 95 Resp: 360551
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.0
176 87.0 0.0 173.6

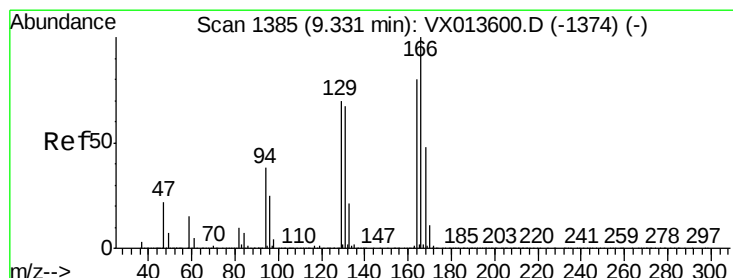
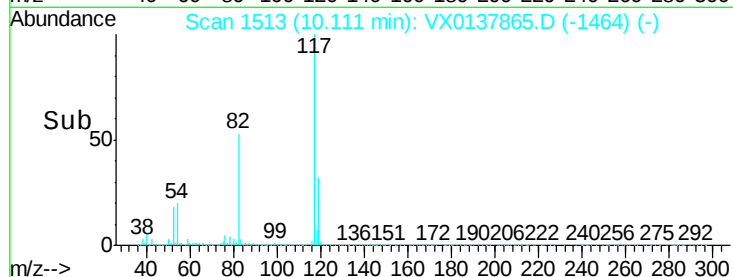
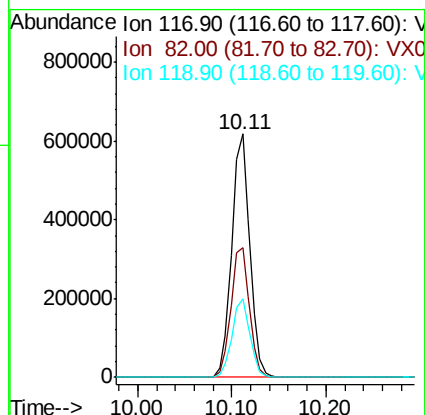
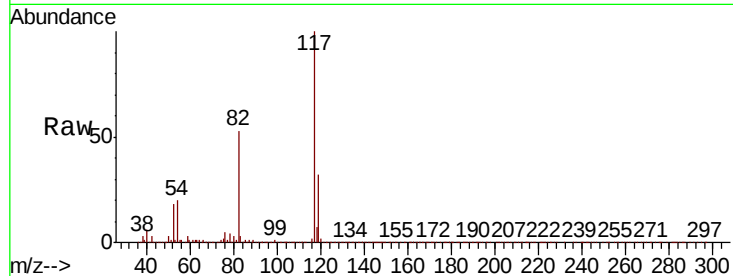




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX0137865.D
Acq: 09 Dec 2019 20:51

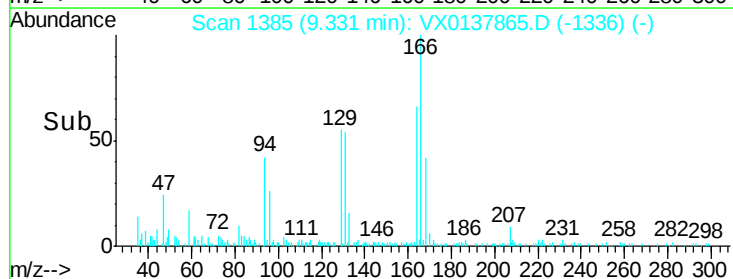
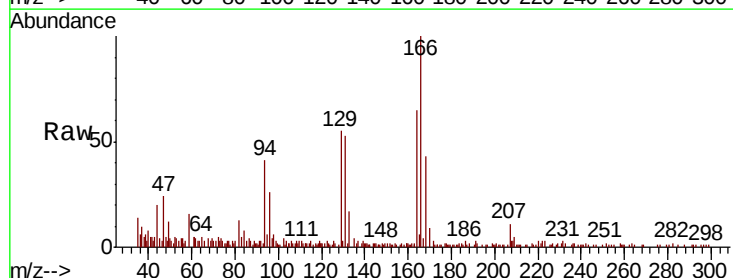
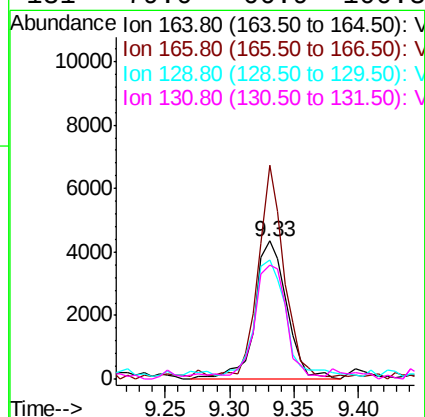
Instrument :
MSVOA_X
ClientSampleId :

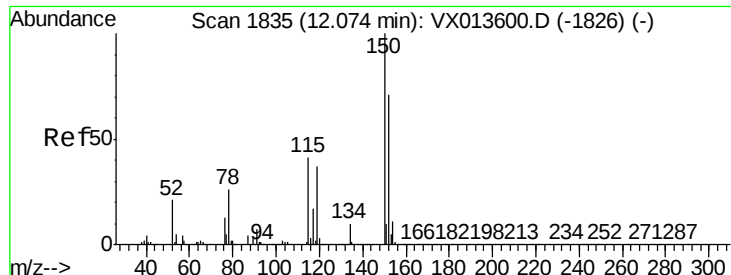
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 1.207 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX0137865.D
Acq: 09 Dec 2019 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	152.5	99.7	149.5#
129	82.0	70.1	105.1
131	79.0	66.9	100.3



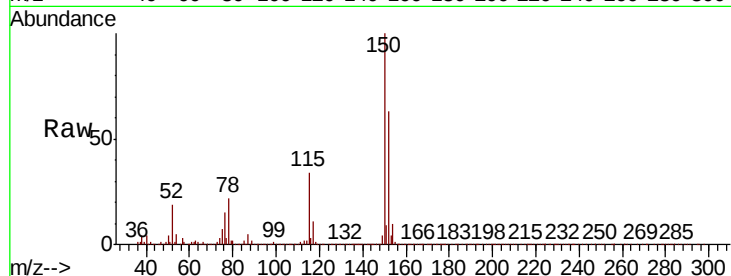


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX0137865.D
 Acq: 09 Dec 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	156.8	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

