

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137874.D
 Acq On : 10 Dec 2019 01:07
 Operator : JC/SP
 Sample : PB125298TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 05:48:26 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

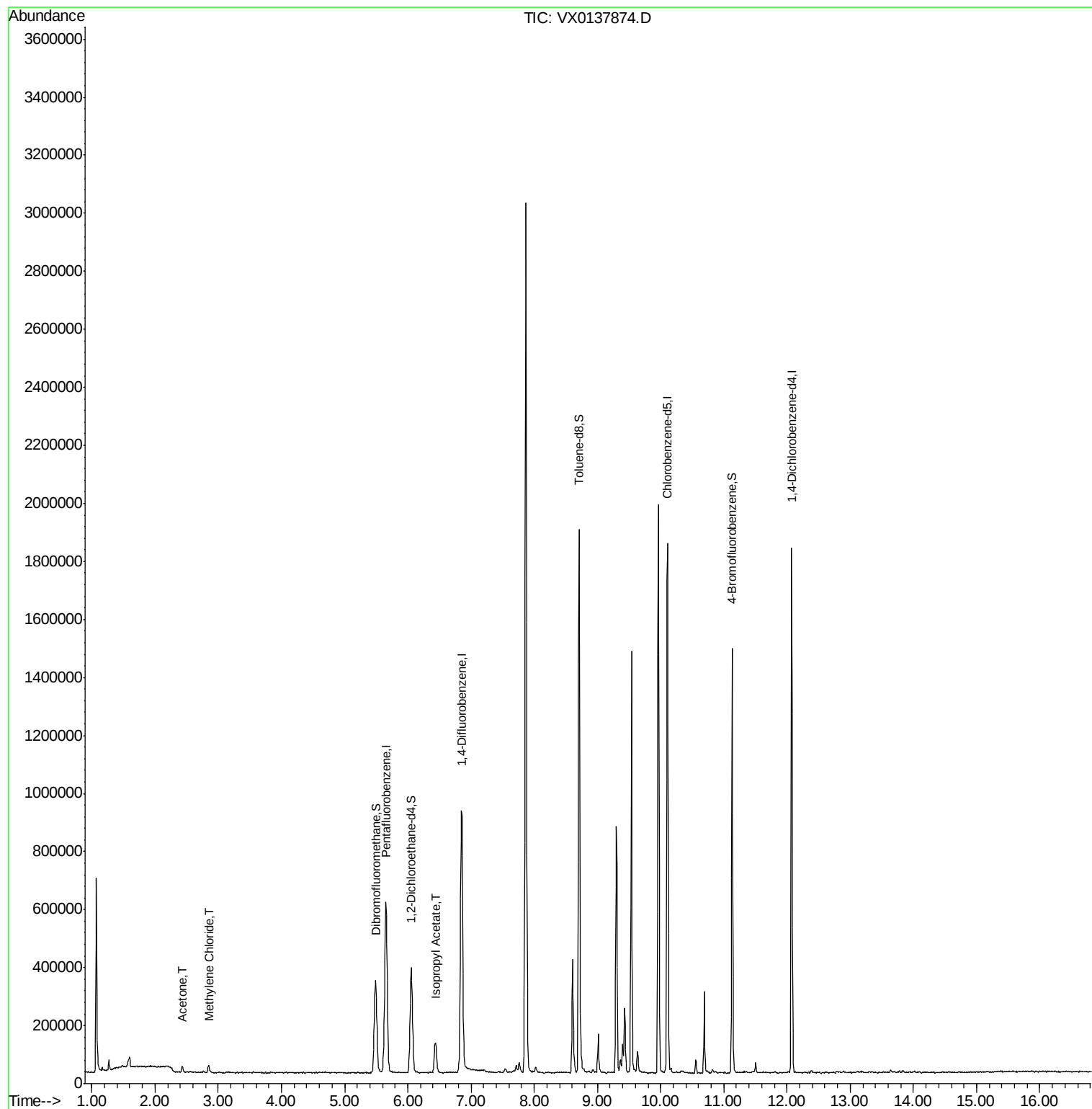
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	611440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	938433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	844622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	334566	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	5.49	113	278660	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	8.71	98	1109832	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.14	95	374050	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	2.44	43	26305	7.507	ug/l	96
20) Methylene Chloride	2.85	84	12769	1.897	ug/l	94
43) Isopropyl Acetate	6.44	43	150377	9.558	ug/l	99

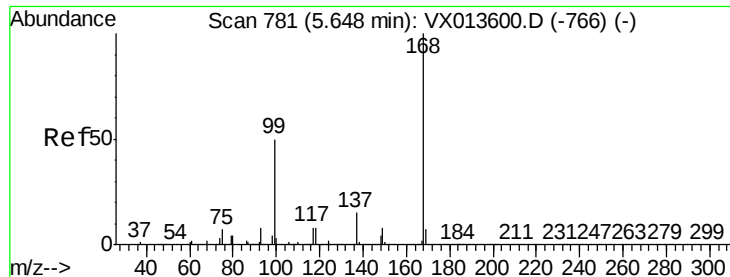
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137874.D

Acq: 10 Dec 2019 01:07

Instrument :

MSVOA_X

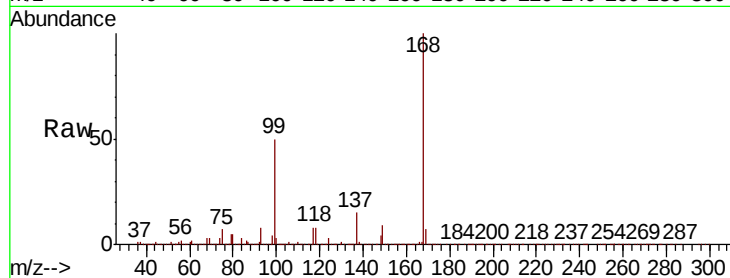
ClientSampleId :

Tot Ion:168 Resp: 611440

Ion Ratio Lower Upper

168 100

99 50.3 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

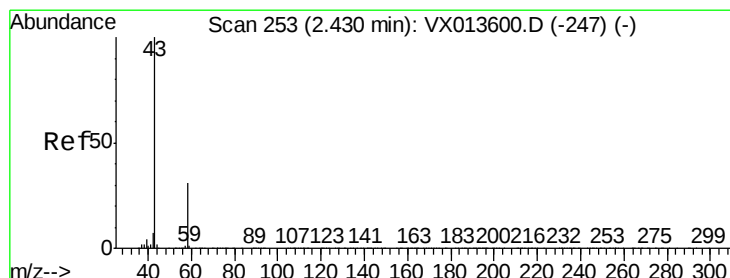
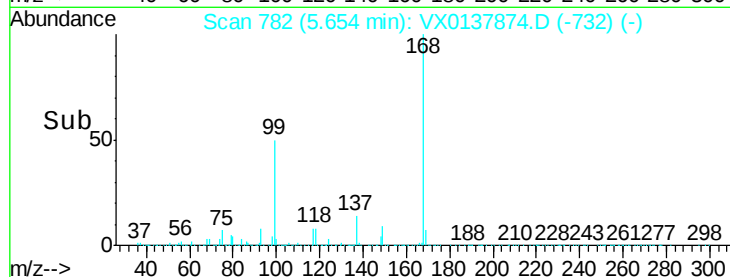
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.507 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX0137874.D

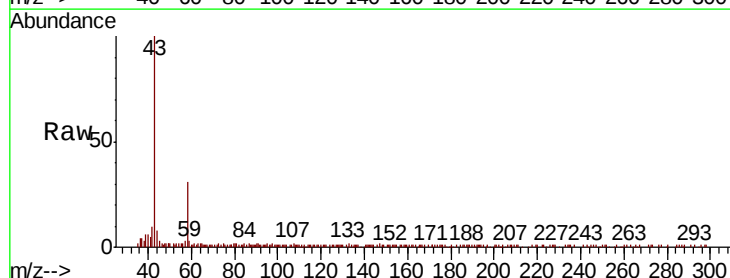
Acq: 10 Dec 2019 01:07

Tgt Ion: 43 Resp: 26305

Ion Ratio Lower Upper

43 100

58 28.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

15000

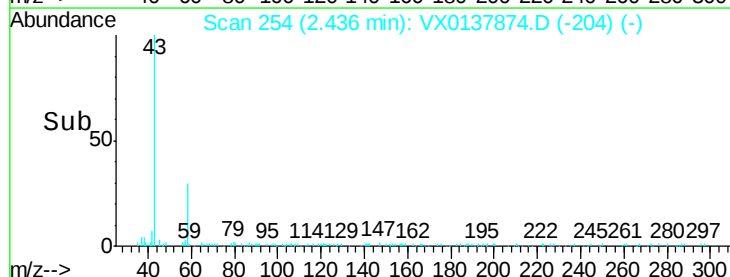
10000

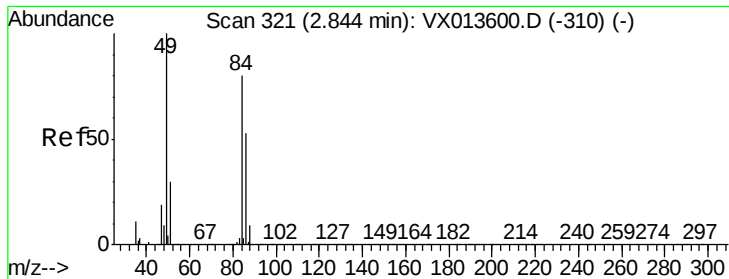
5000

0

Time-->

2.35 2.40 2.45 2.50

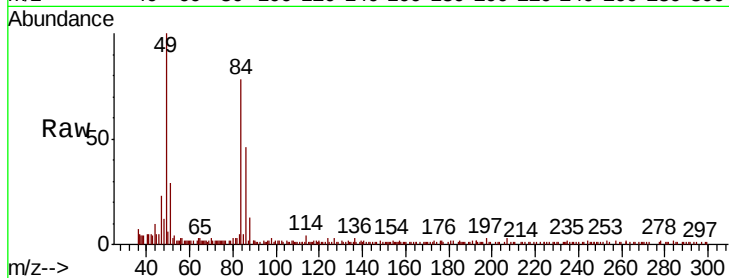




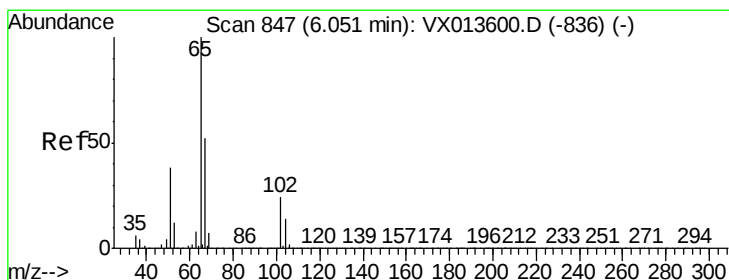
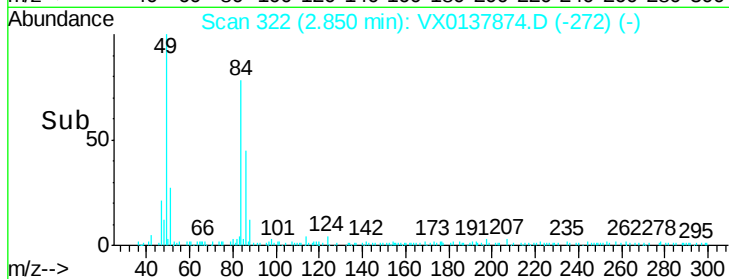
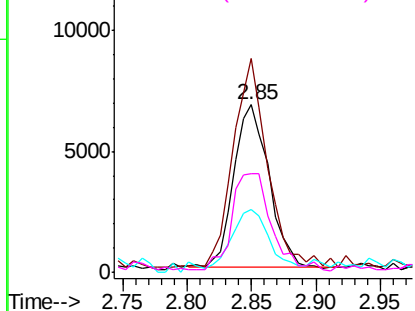
#20
Methvlene Chloride
Concen: 1.897 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	12769
Ion	Ratio	Lower	Upper
84	100		
49	128.7	99.7	149.5
51	32.3	29.9	44.9
86	58.9	52.2	78.4

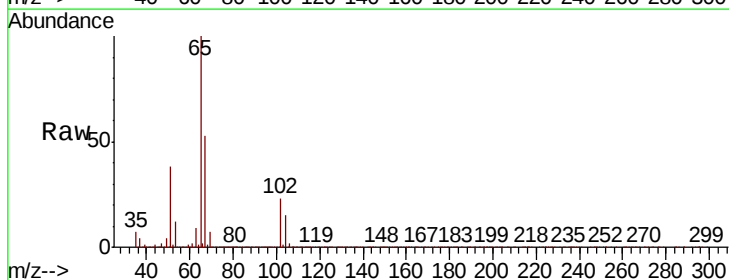


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

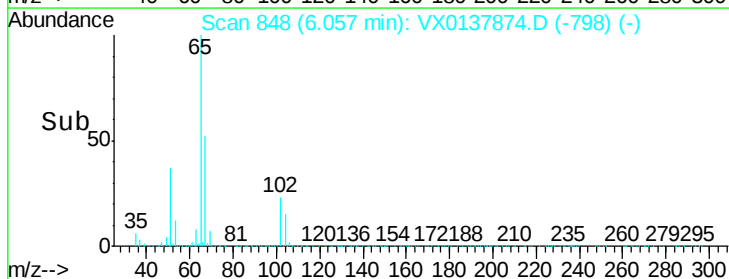
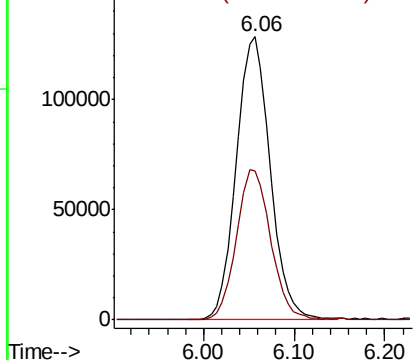


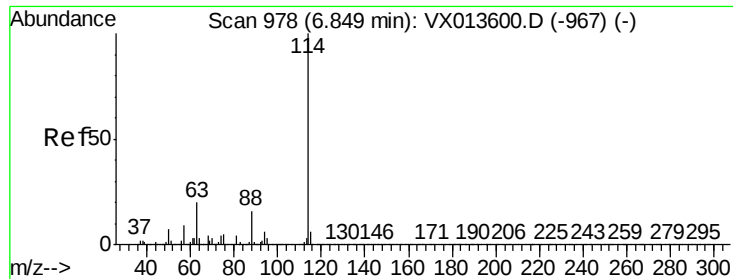
#33
1,2-Dichloroethane-d4
Concen: 47.139 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX0137874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:	65	Resp:	334566
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX0137874.D

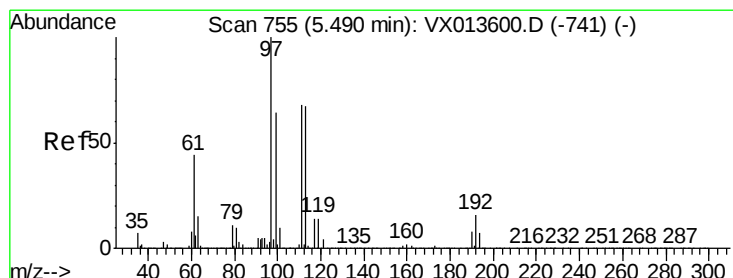
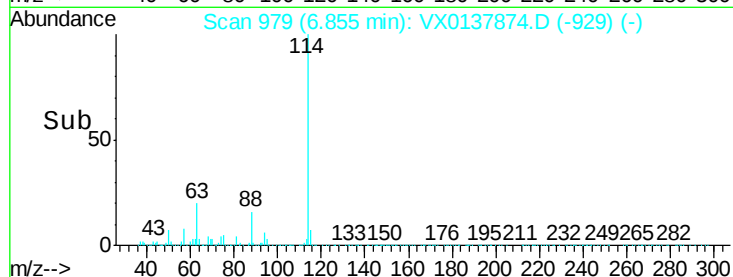
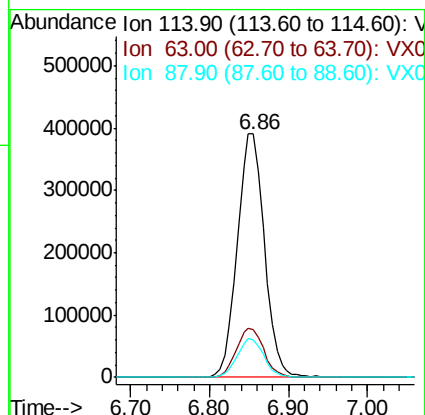
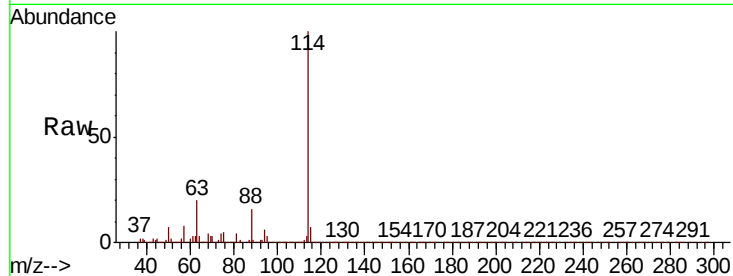
Acq: 10 Dec 2019 01:07

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	114	Resp:	938433
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.7	0.0	31.4



#35

Dibromofluoromethane

Concen: 48.032 ug/l

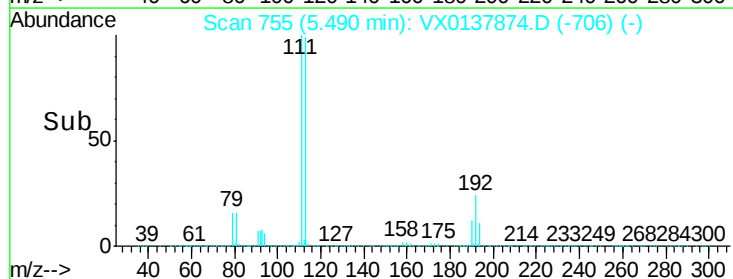
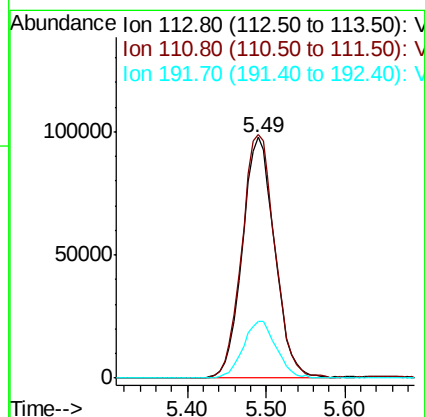
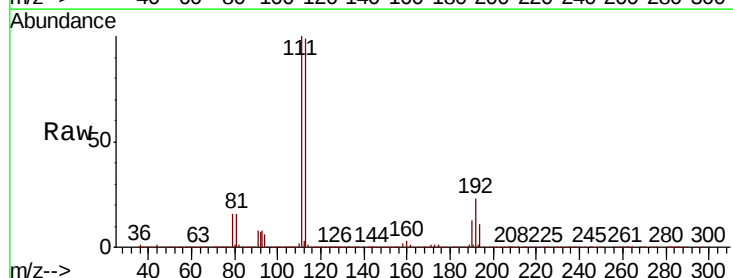
RT: 5.49 min Scan# 755

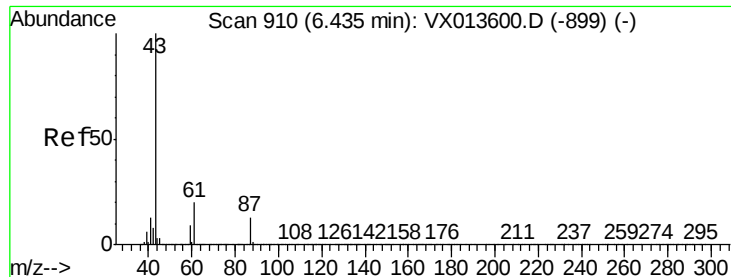
Delta R.T. -0.00 min

Lab File: VX0137874.D

Acq: 10 Dec 2019 01:07

Tgt Ion:	113	Resp:	278660
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	24.4	19.2	28.8





#43

Isopropyl Acetate

Concen: 9.558 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX0137874.D

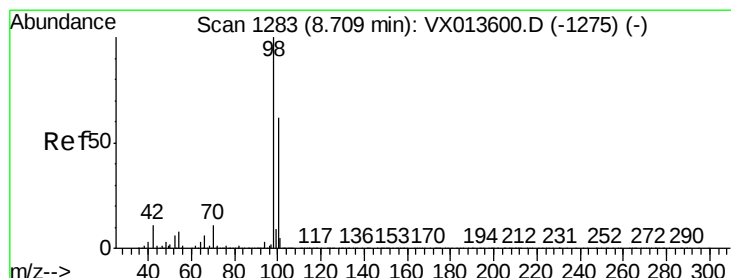
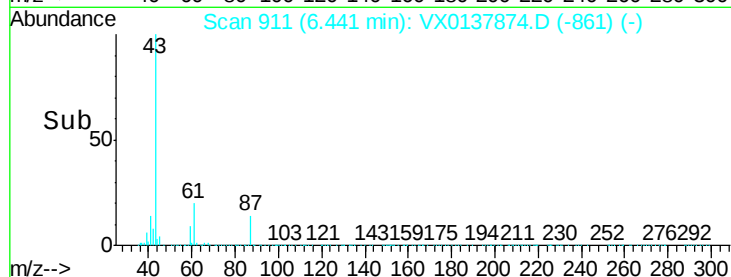
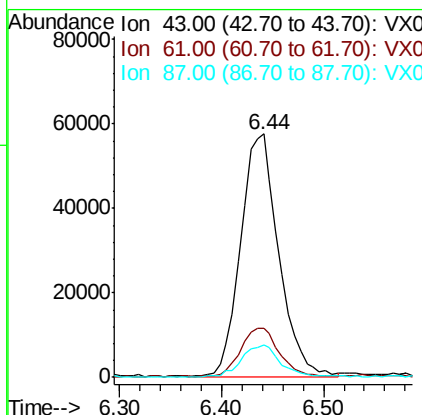
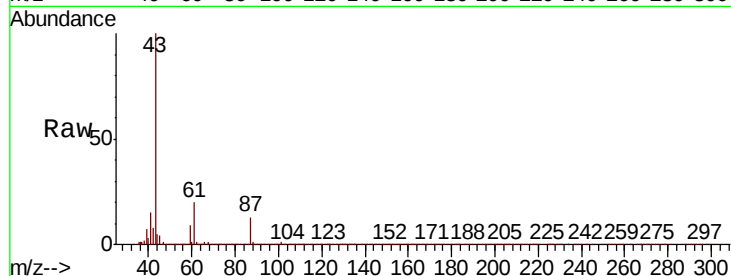
Acq: 10 Dec 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	150377
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.1	10.8	16.2



#50

Toluene-d8

Concen: 49.100 ug/l

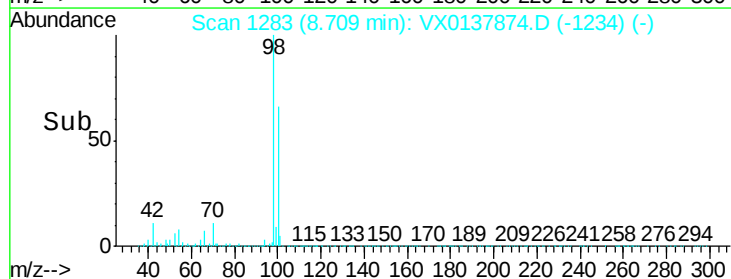
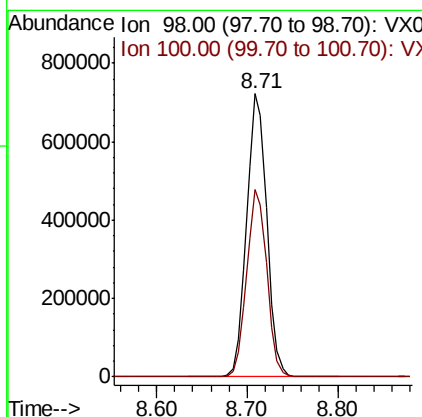
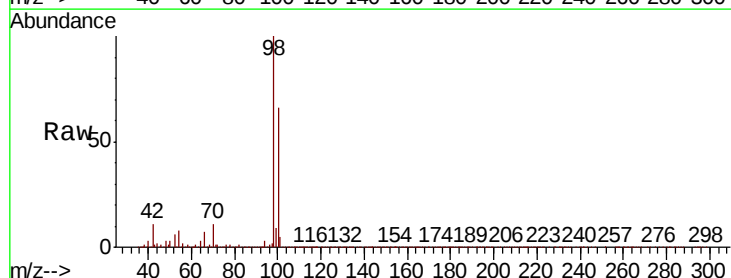
RT: 8.71 min Scan# 1283

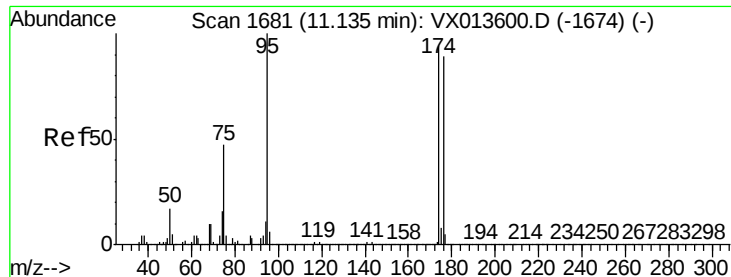
Delta R.T. -0.00 min

Lab File: VX0137874.D

Acq: 10 Dec 2019 01:07

Tgt Ion:	98	Resp:	1109832
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.891 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137874.D

Acq: 10 Dec 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

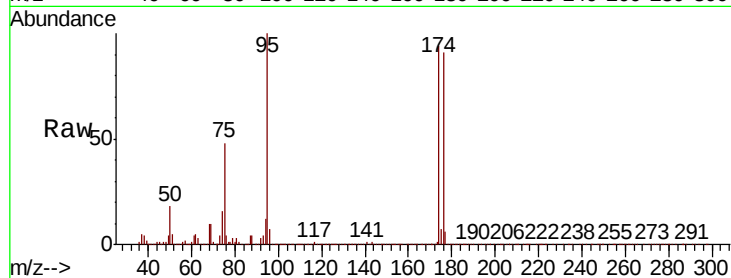
Tot Ion: 95 Resp: 374050

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

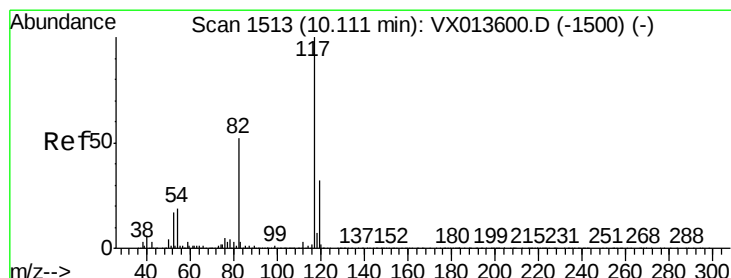
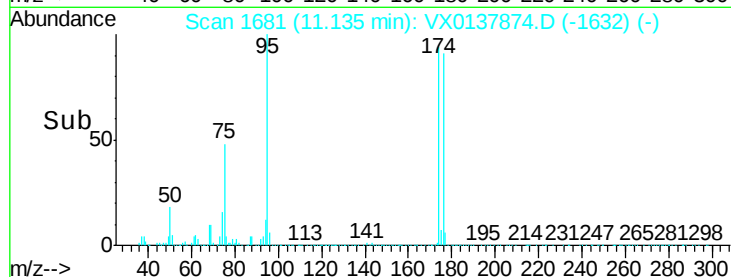
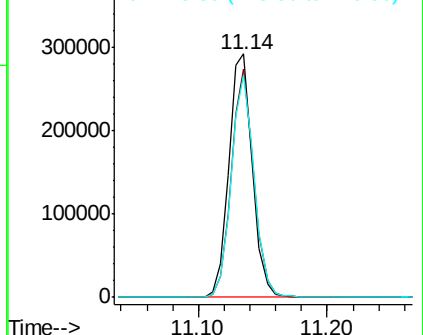
176 88.3 0.0 173.6



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# 1513

Delta R.T. -0.00 min

Lab File: VX0137874.D

Acq: 10 Dec 2019 01:07

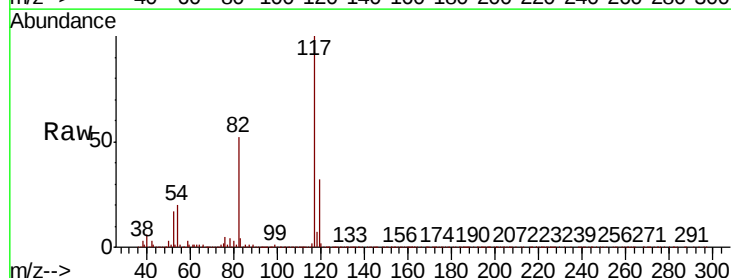
Tgt Ion: 117 Resp: 844622

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

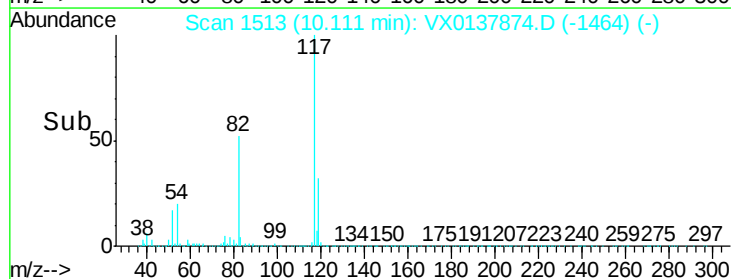
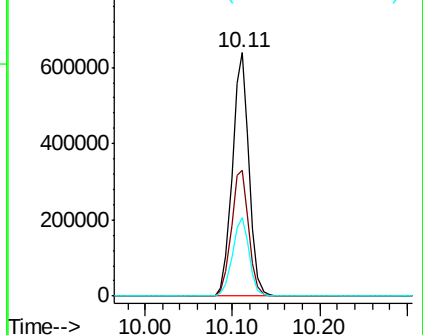
119 32.0 25.8 38.8

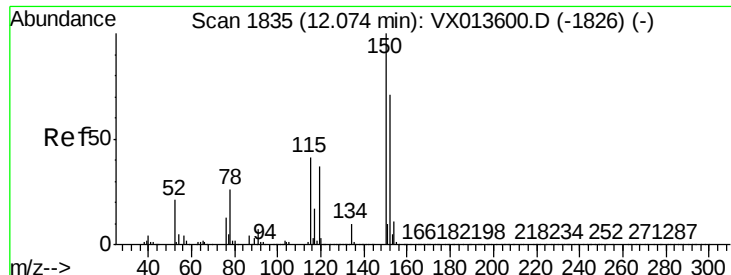


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



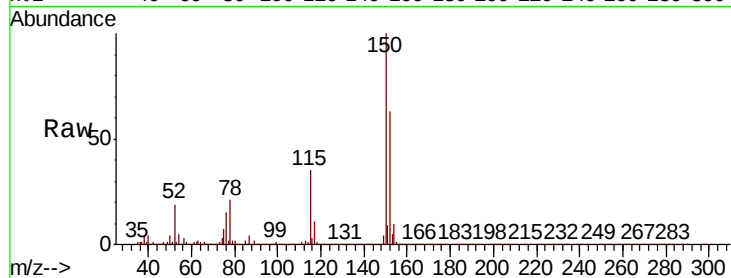


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.4	115.1
150	160.8	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

