

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013684.D
 Acq On : 28 Nov 2019 04:41
 Operator : JC/SP
 Sample : K6079-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0201

Quant Time: Nov 29 01:11:49 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

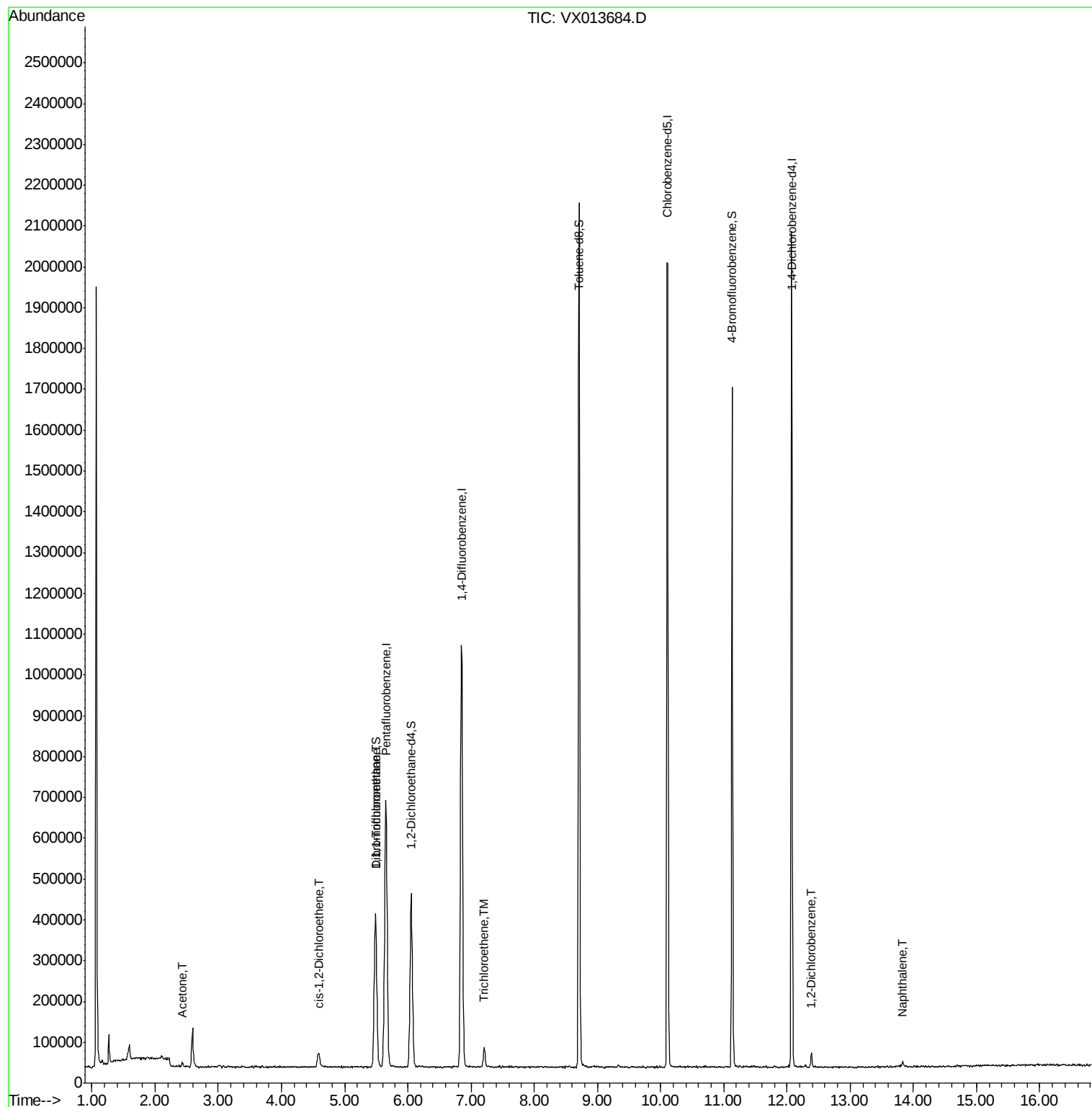
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1084024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	434423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	393827	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	318823	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	1265288	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	430762	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	11517	2.928	ug/l #	88
27) cis-1,2-Dichloroethene	4.59	96	25379	3.106	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	7037	0.665	ug/l #	47
44) Trichloroethene	7.21	130	21717	2.640	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	12808	0.903	ug/l	99
95) Naphthalene	13.83	128	9135	0.310	ug/l #	92

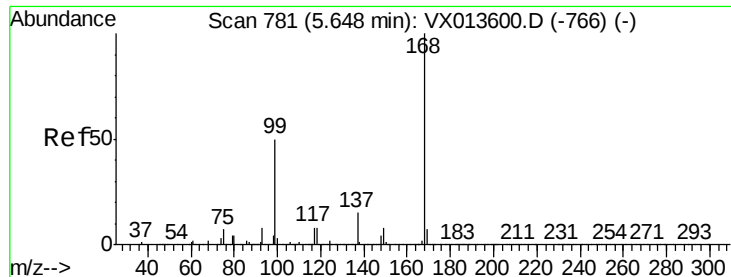
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

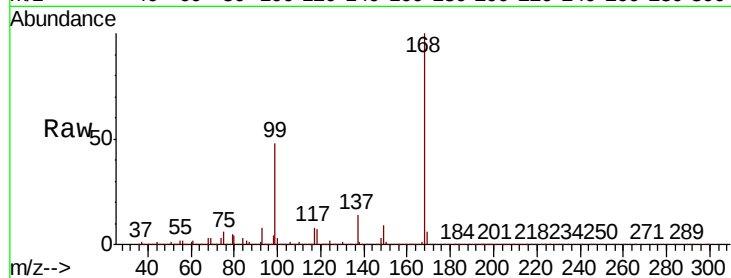
S39-0201

Tot Ion:168 Resp: 686370

Ion Ratio Lower Upper

168 100

99 48.1 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

250000

200000

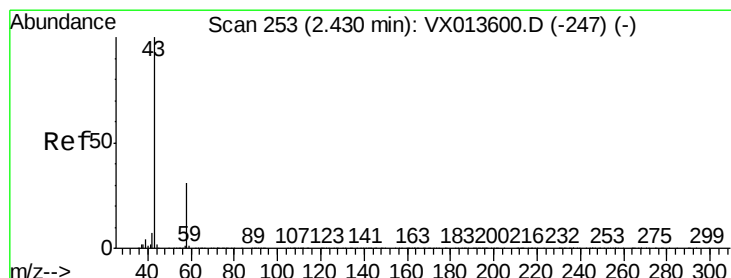
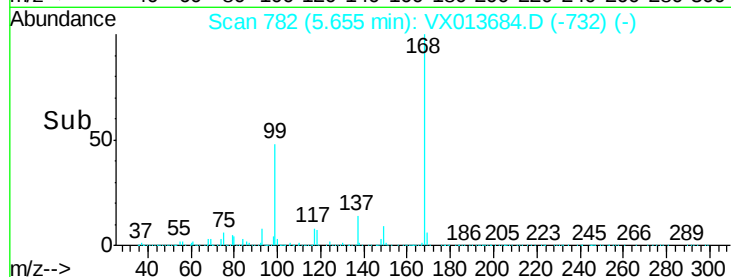
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.928 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013684.D

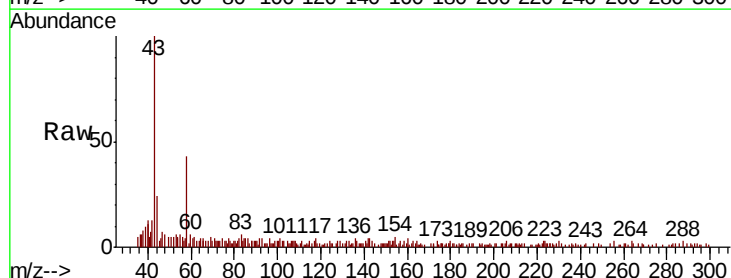
Acq: 28 Nov 2019 04:41

Tgt Ion: 43 Resp: 11517

Ion Ratio Lower Upper

43 100

58 37.3 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

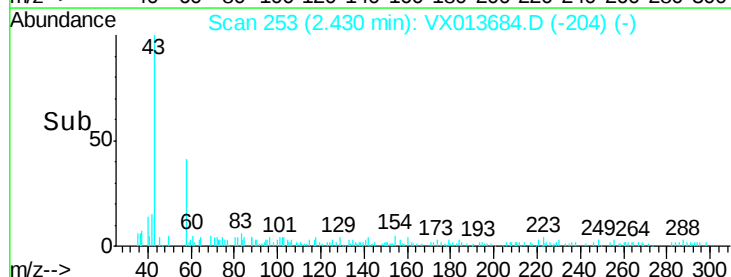
6000

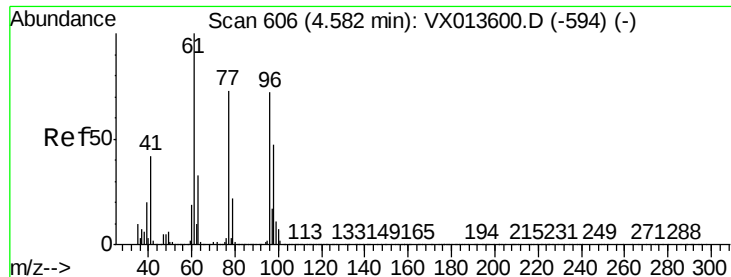
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.106 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

S39-0201

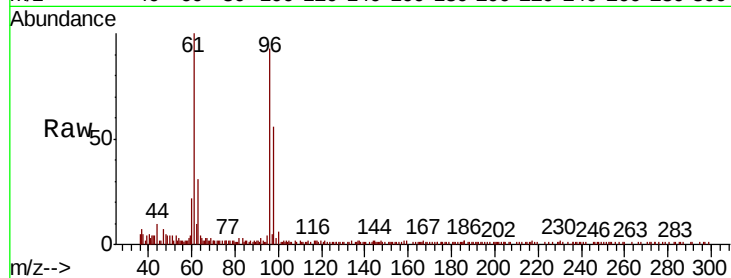
Tot Ion: 96 Resp: 25379

Ion Ratio Lower Upper

96 100

61 124.6 0.0 286.4

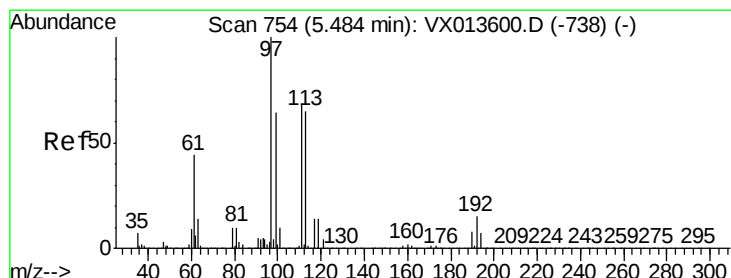
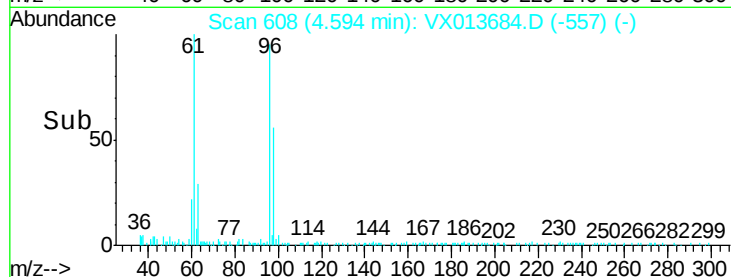
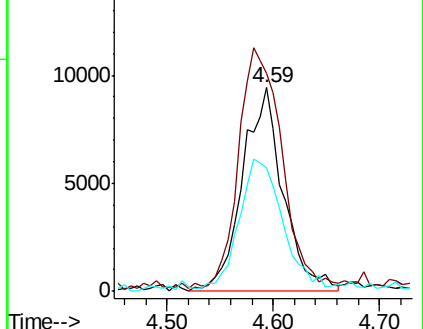
98 67.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#32

1,1,1-Trichloroethane

Concen: 0.665 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

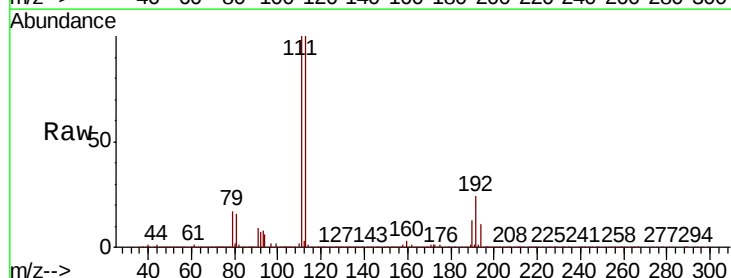
Tgt Ion: 97 Resp: 7037

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

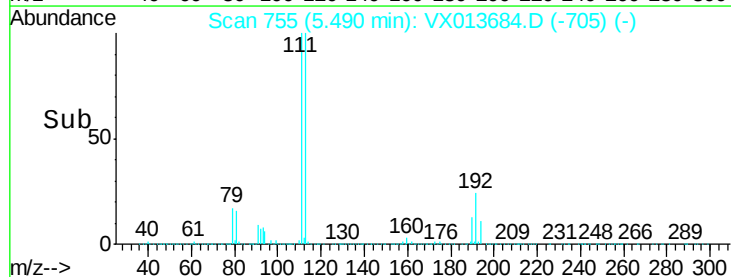
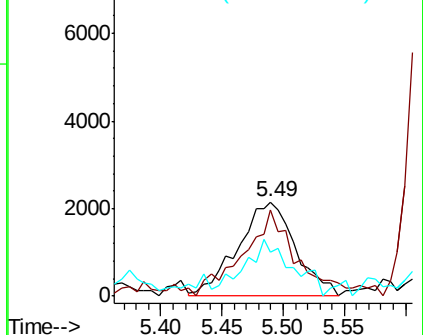
61 37.2 36.1 54.1

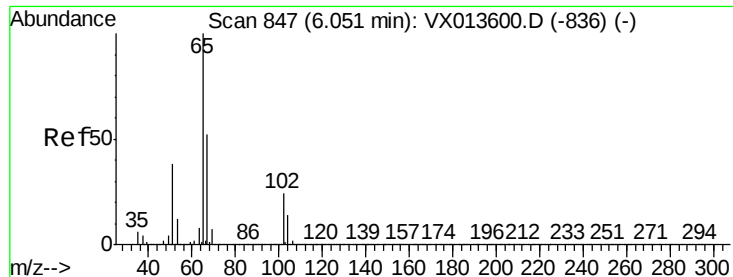


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.431 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

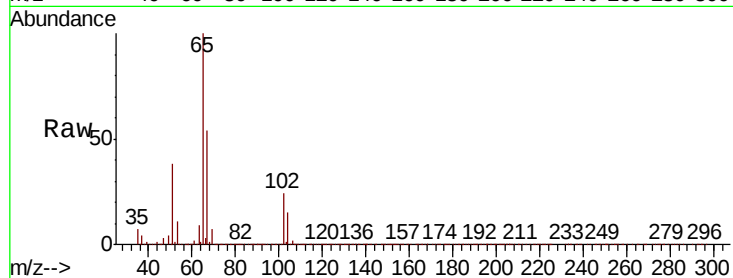
S39-0201

Tot Ion: 65 Resp: 393827

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

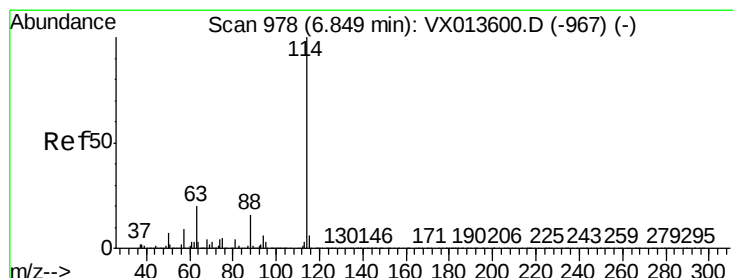
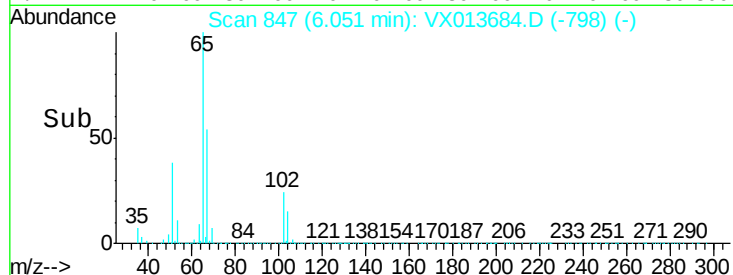
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

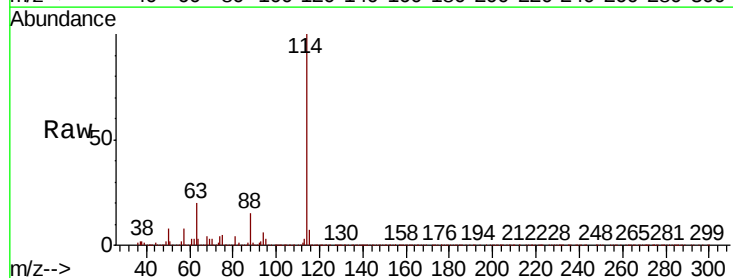
Tgt Ion: 114 Resp: 1084024

Ion Ratio Lower Upper

114 100

63 19.7 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

6.85

600000

500000

400000

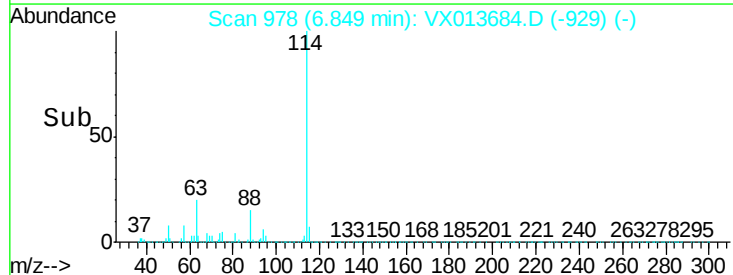
300000

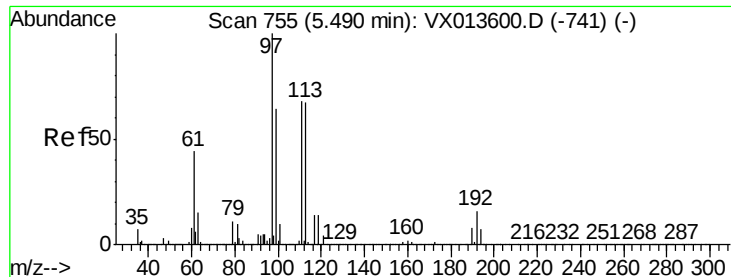
200000

100000

0

Time-->

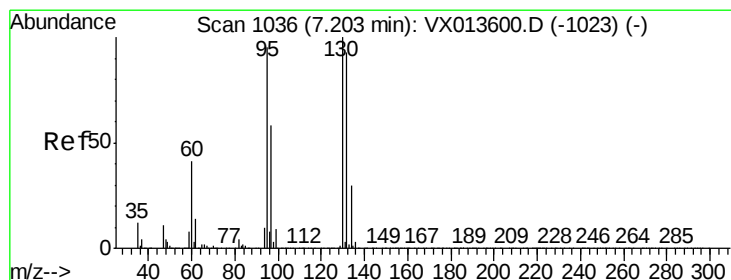
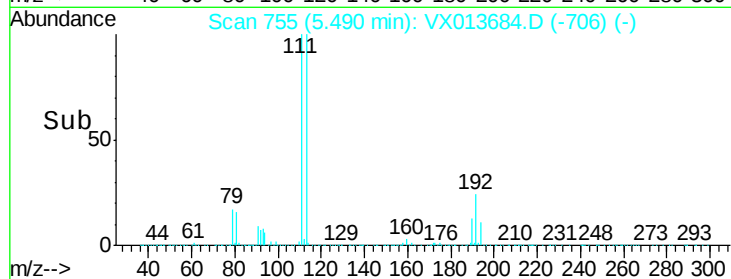
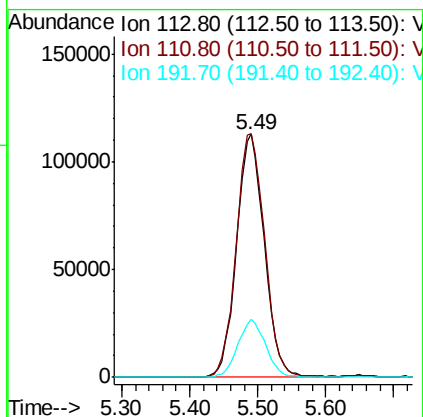
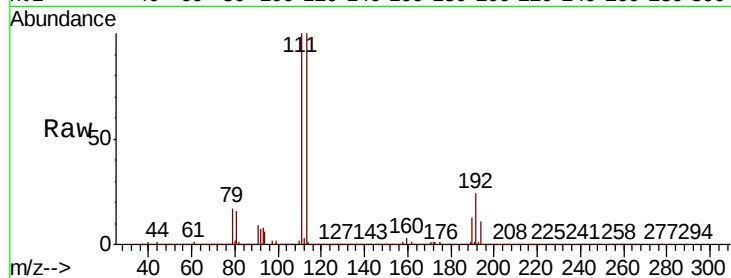




#35
Dibromofluoromethane
Concen: 47.574 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013684.D
Acq: 28 Nov 2019 04:41

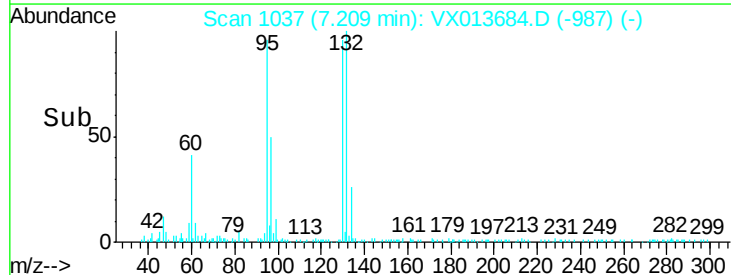
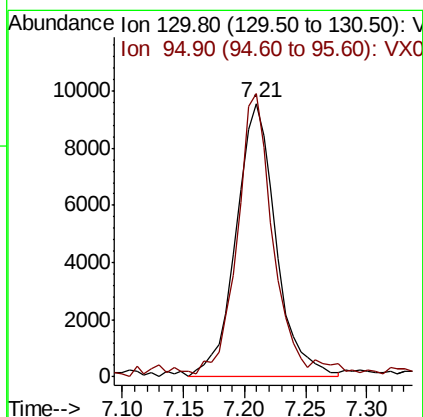
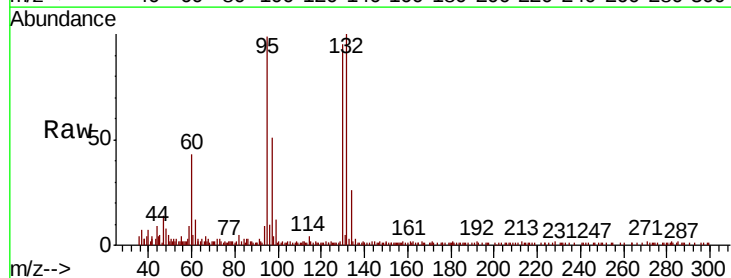
Instrument :
MSVOA_X
ClientSampleId :
S39-0201

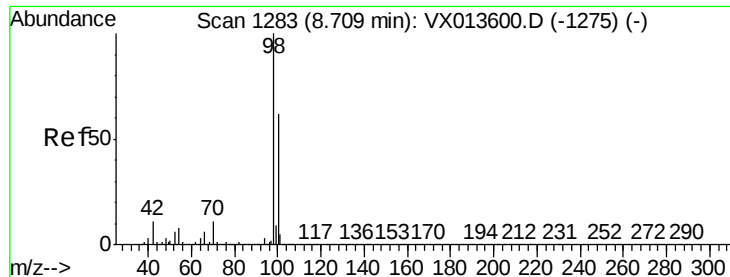
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.6	125.4
192	24.2	19.2	28.8



#44
Trichloroethene
Concen: 2.640 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013684.D
Acq: 28 Nov 2019 04:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	190.8





#50

Toluene-d8

Concen: 48.460 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

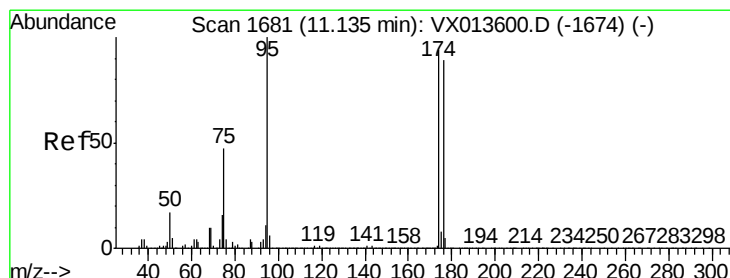
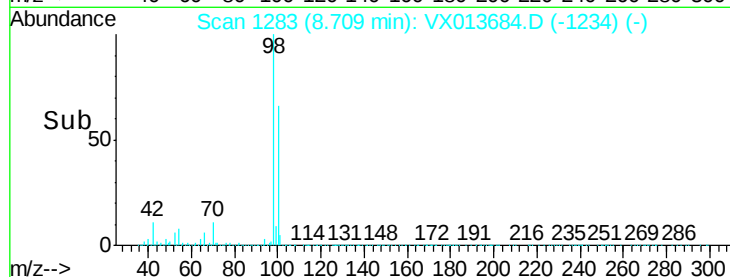
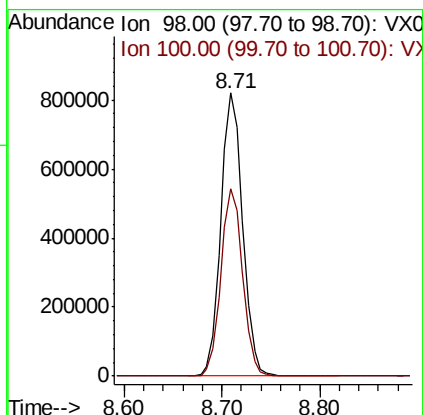
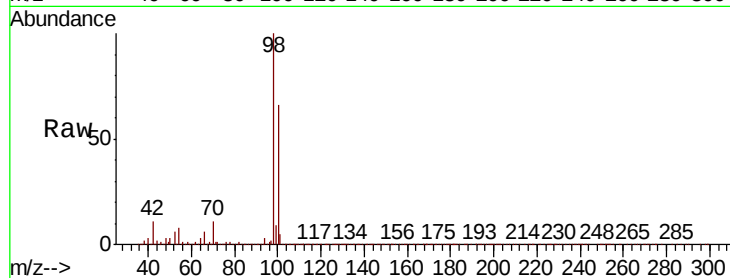
S39-0201

Tot Ion: 98 Resp: 1265288

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.751 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

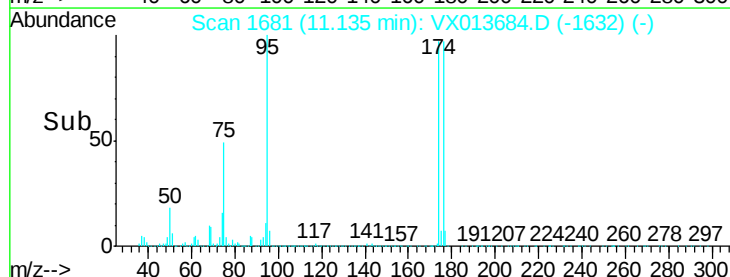
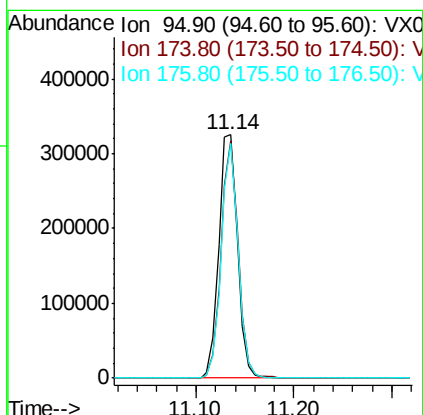
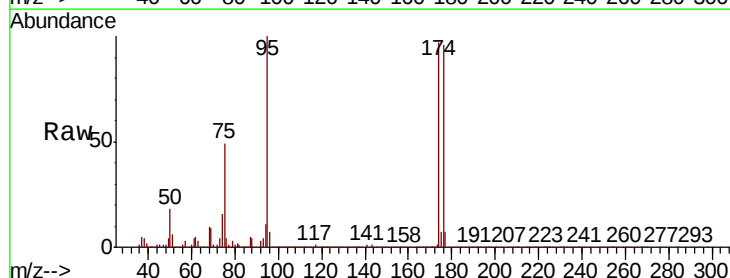
Tgt Ion: 95 Resp: 430762

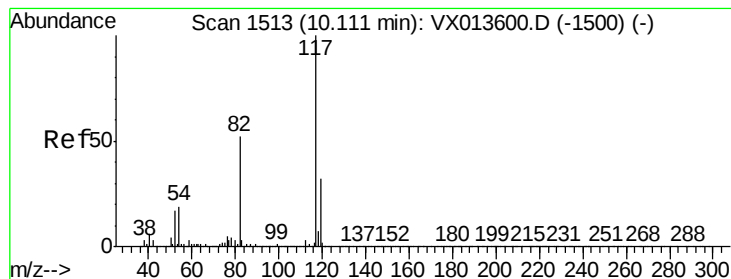
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 87.6 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: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

S39-0201

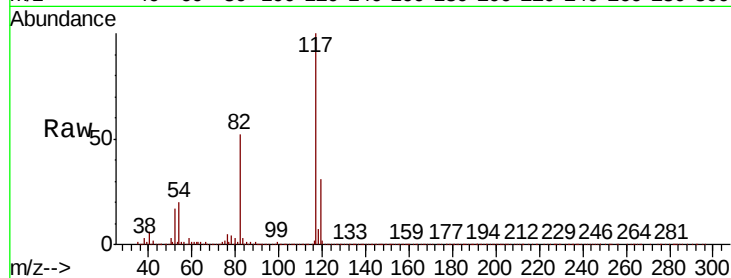
Tot Ion:117 Resp: 965735

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

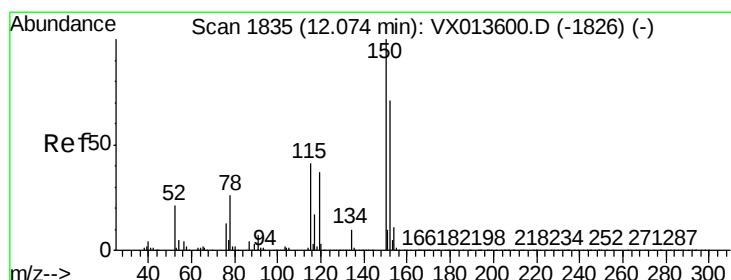
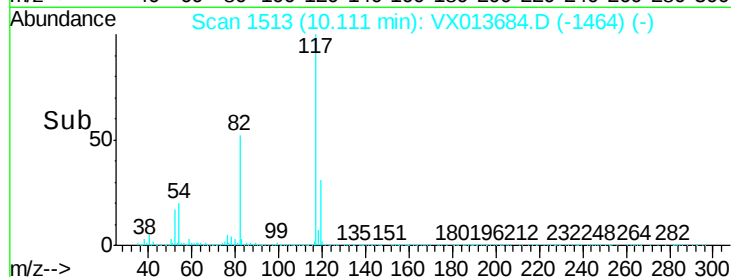
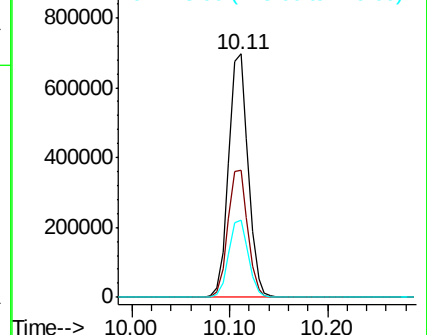
119 31.4 25.8 38.8



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: VX013684.D

Acq: 28 Nov 2019 04:41

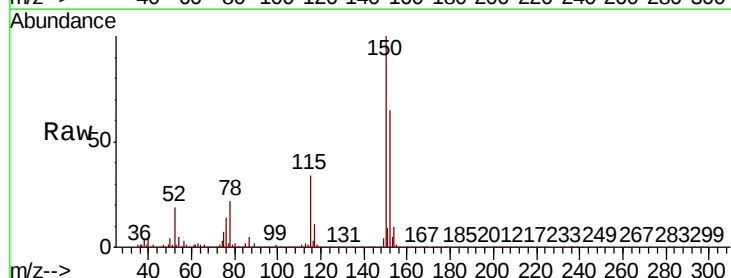
Tgt Ion:152 Resp: 434423

Ion Ratio Lower Upper

152 100

115 53.9 38.4 115.1

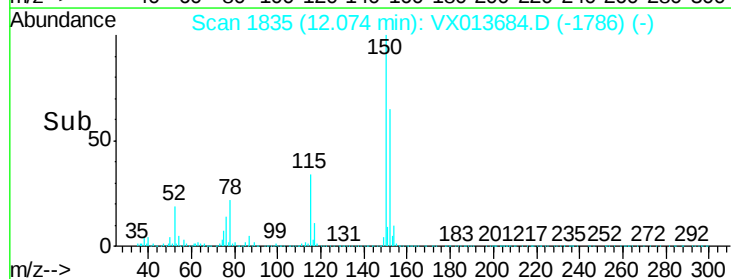
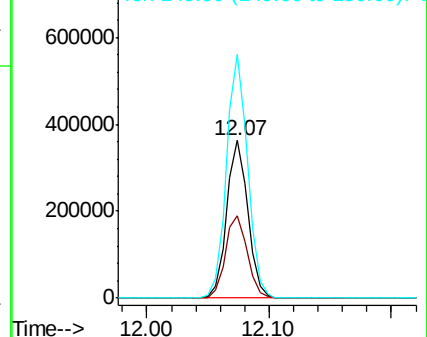
150 154.8 0.0 346.8

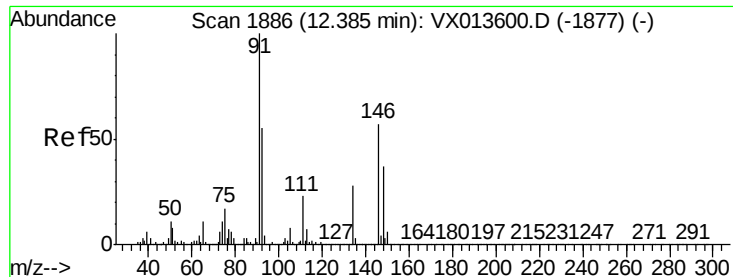


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.903 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

S39-0201

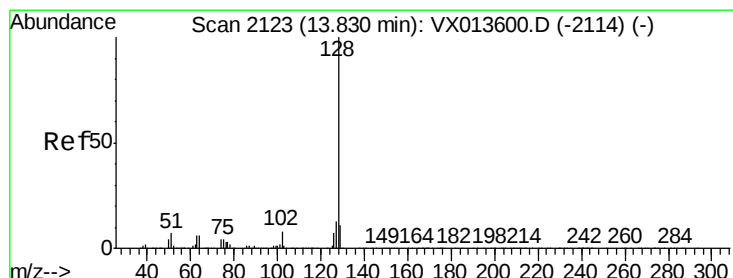
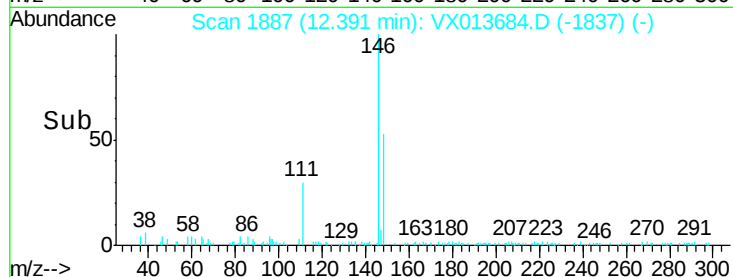
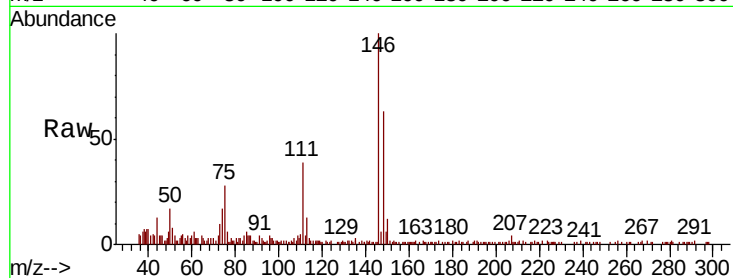
Tot Ion:146 Resp: 12808

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 64.9 31.9 95.7



#95

Naphthalene

Concen: 0.310 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013684.D

Acq: 28 Nov 2019 04:41

Tgt Ion:128 Resp: 9135

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 16.4 8.7 13.1#

