

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Quantitation Report (Not Reviewed)

Data File : VL034354.D
Acq On : 24 Oct 2019 20:09
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 25 01:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	951276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2069519	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2046262	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1657838	9.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

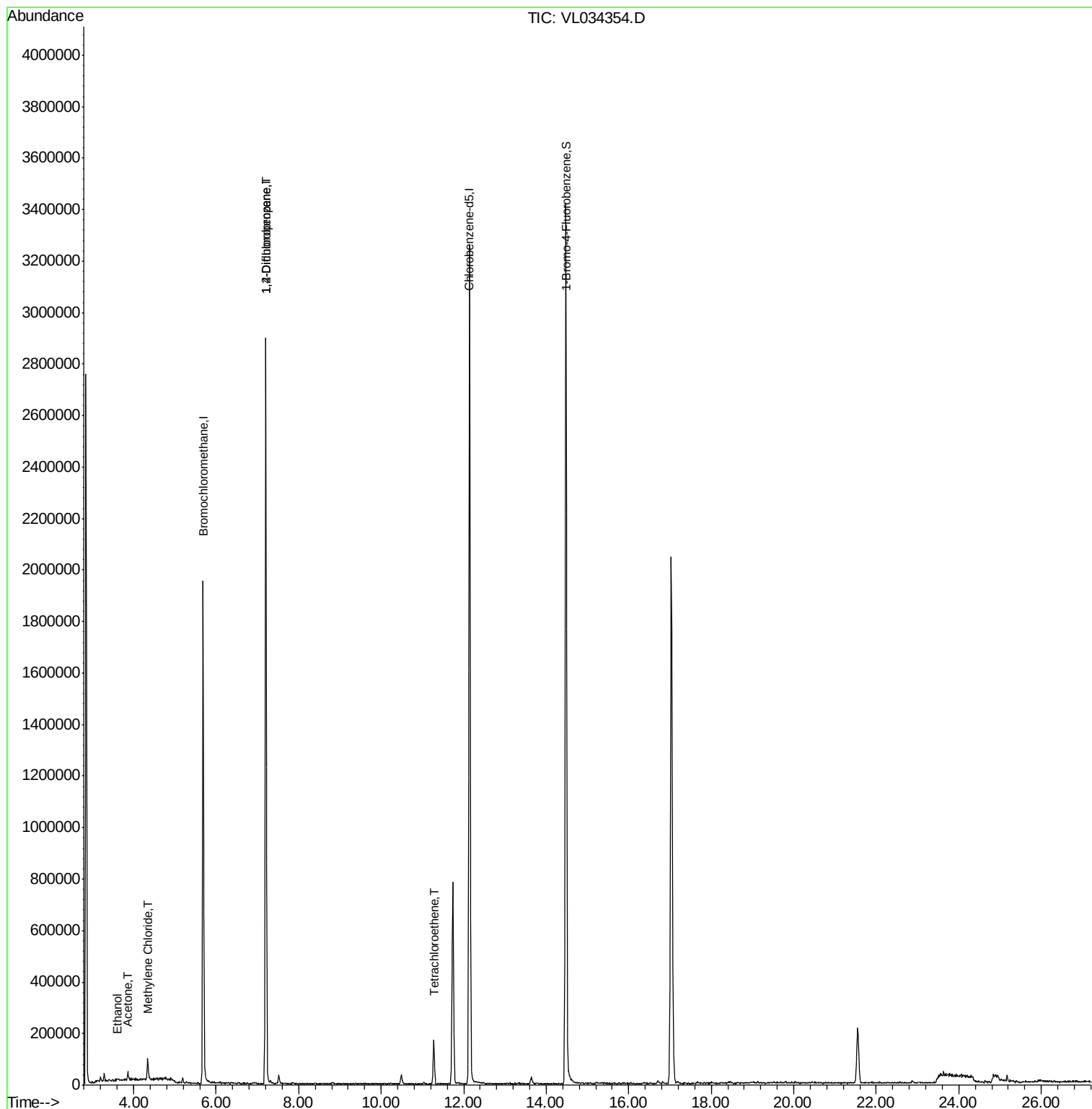
Target Compounds					Qvalue	
13) Ethanol	3.60	45	335	0.030	ppbv #	36
15) Acetone	3.85	43	30953	0.227	ppbv #	77
20) Methylene Chloride	4.34	84	26653	0.542	ppbv #	73
39) 1,2-Dichloropropane	7.20	63	568411	6.648	ppbv #	22
52) Tetrachloroethene	11.27	164	15197	0.195	ppbv	95

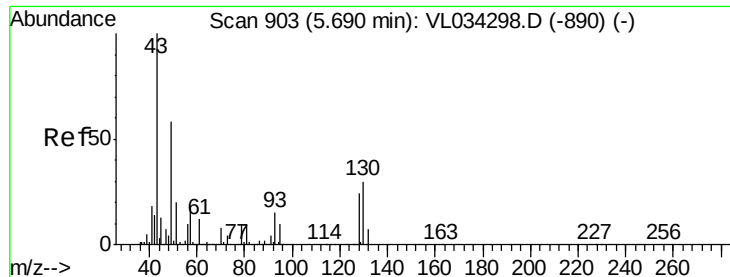
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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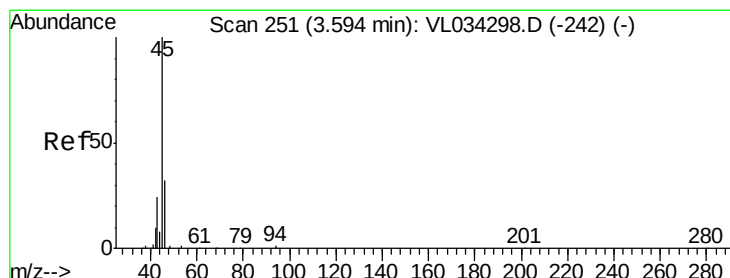
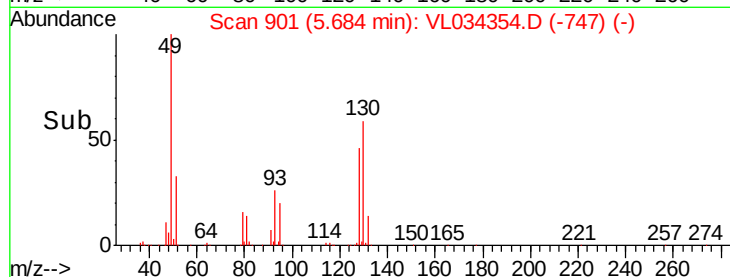
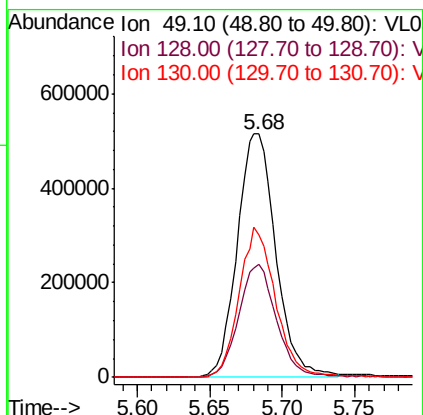
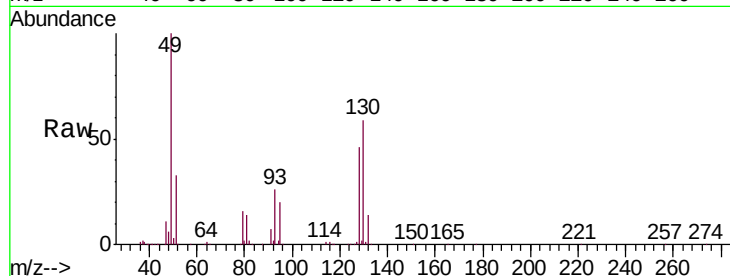




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

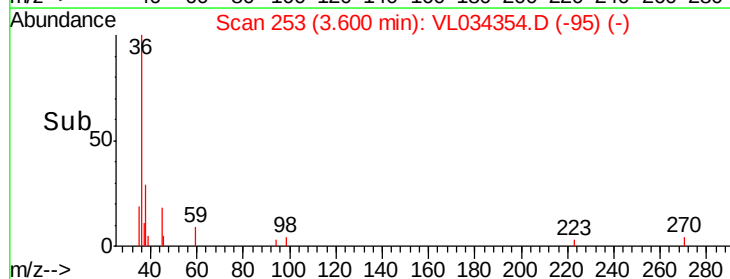
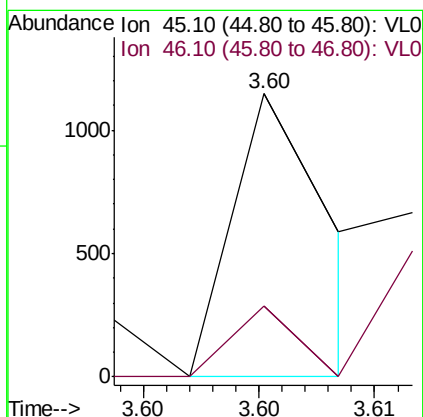
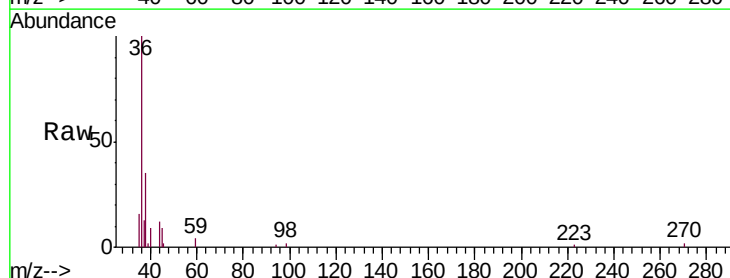
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

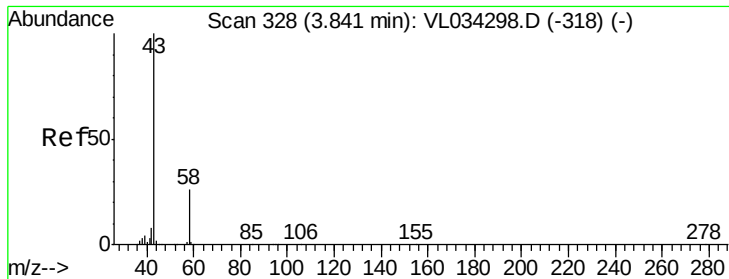
Tgt Ion: 49 Resp: 951276
Ion Ratio Lower Upper
49 100
128 45.9 20.6 61.8
130 58.6 26.2 78.5



#13
Ethanol
Concen: 0.030 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion: 45 Resp: 335
Ion Ratio Lower Upper
45 100
46 0.0 15.8 63.2#

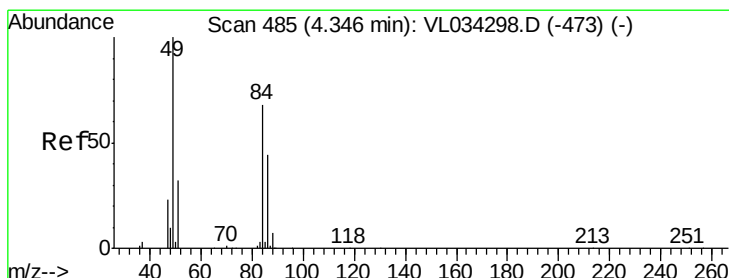
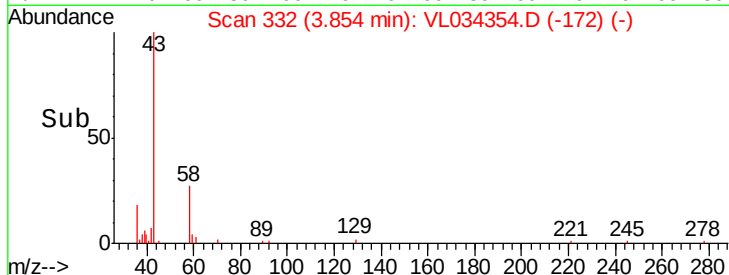
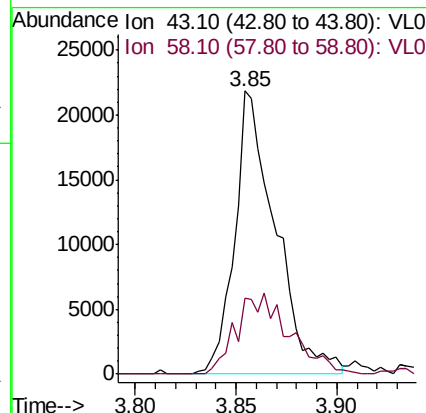
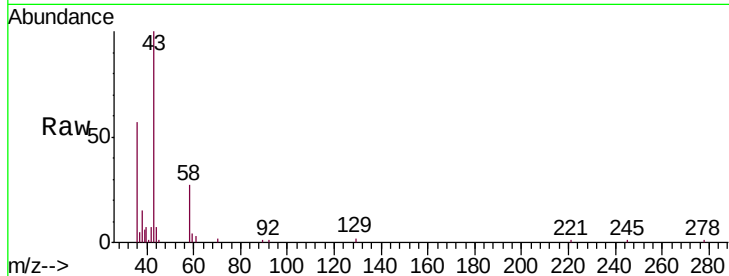




#15
Acetone
Concen: 0.227 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

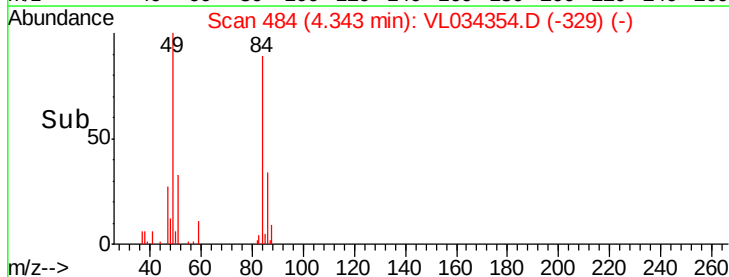
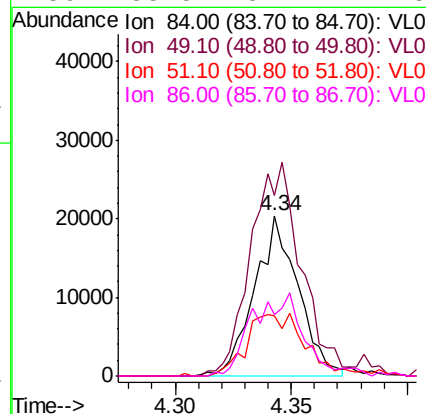
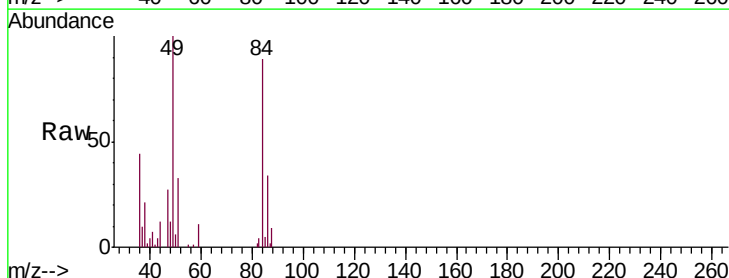
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

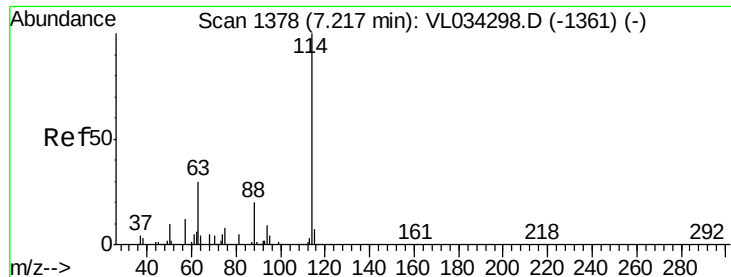
Tgt Ion: 43 Resp: 30953
Ion Ratio Lower Upper
43 100
58 37.0 20.4 30.6#



#20
Methylene Chloride
Concen: 0.542 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion: 84 Resp: 26653
Ion Ratio Lower Upper
84 100
49 112.9 118.5 177.7#
51 37.7 38.8 58.2#
86 38.5 51.7 77.5#

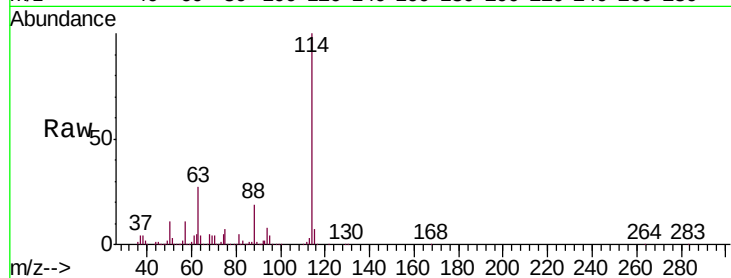




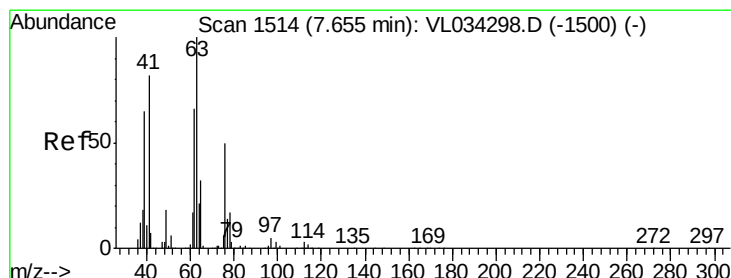
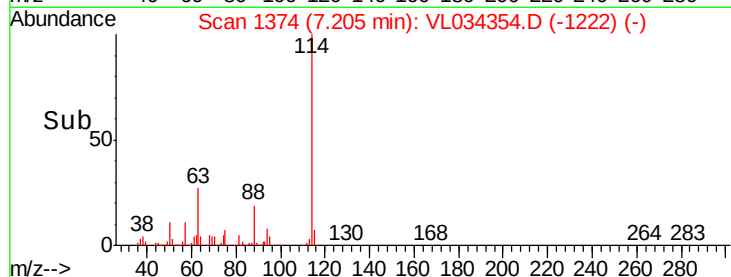
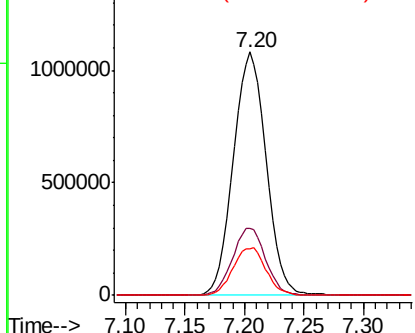
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034354.D
 Acq: 24 Oct 2019 20:09

Instrument :
 MSVOA_L
 ClientSampleID :
 VIBLK

Tgt Ion: 114 Resp: 2069519
 Ion Ratio Lower Upper
 114 100
 63 27.8 25.2 37.8
 88 19.7 16.0 24.0

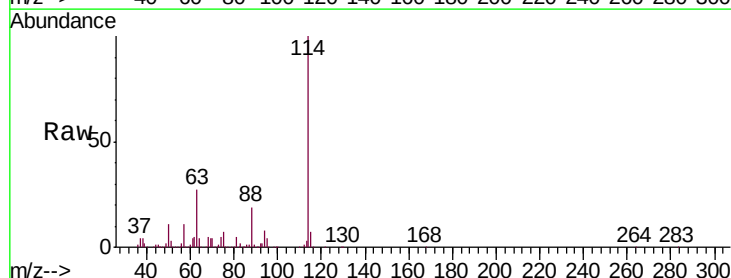


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

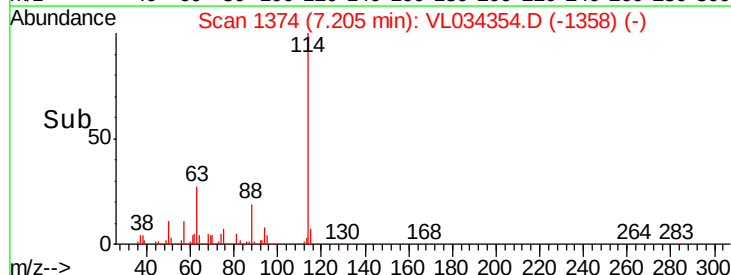
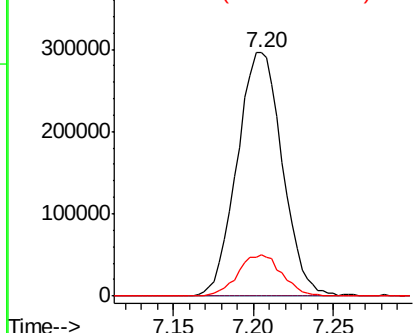


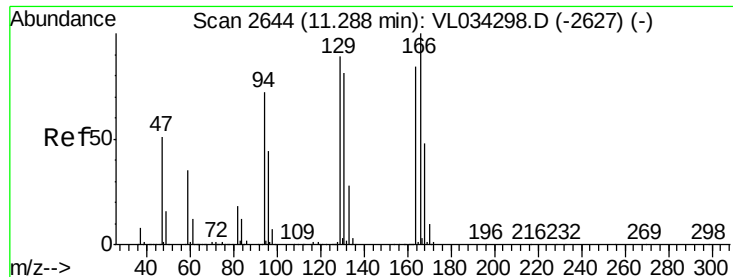
#39
 1,2-Dichloropropane
 Concen: 6.648 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034354.D
 Acq: 24 Oct 2019 20:09

Tgt Ion: 63 Resp: 568411
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 17.0 53.0 79.6#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#52

Tetrachloroethene

Concen: 0.195 ppbv

RT: 11.27 min Scan# 2637

Delta R.T. -0.02 min

Lab File: VL034354.D

Acq: 24 Oct 2019 20:09

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tgt Ion:164 Resp: 15197

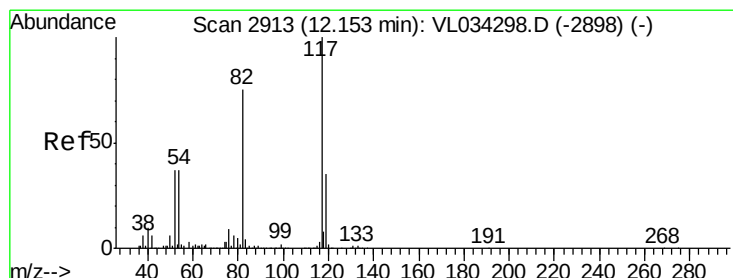
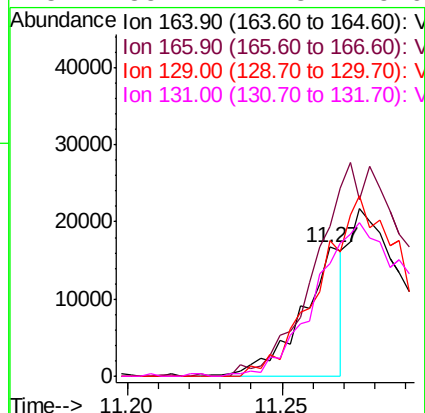
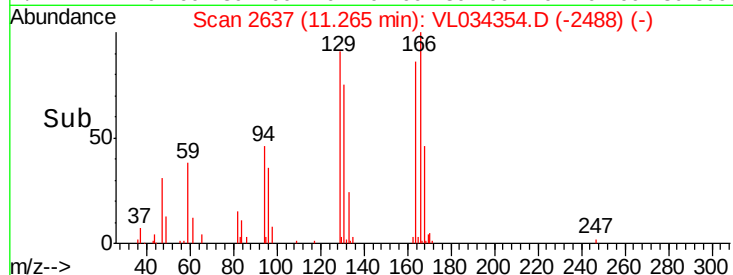
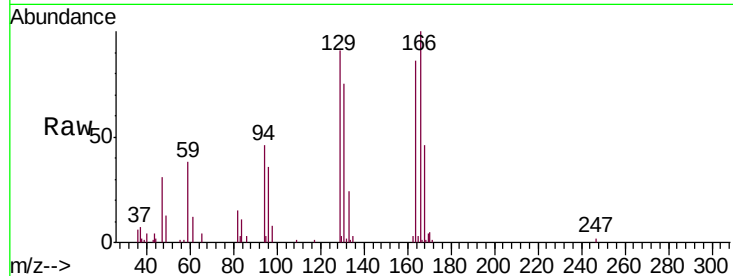
Ion Ratio Lower Upper

164 100

166 117.7 95.3 142.9

129 108.8 84.5 126.7

131 85.7 77.3 115.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL034354.D

Acq: 24 Oct 2019 20:09

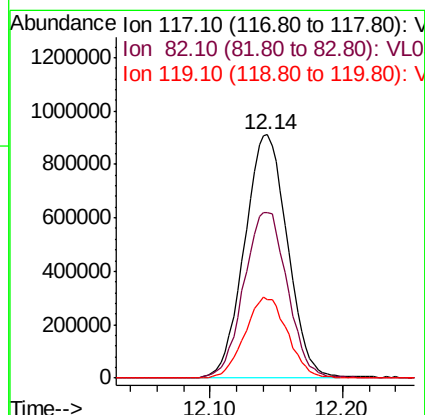
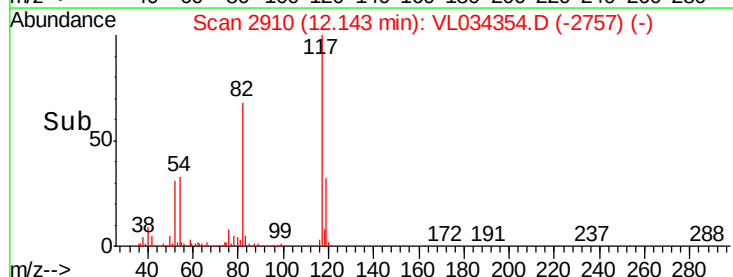
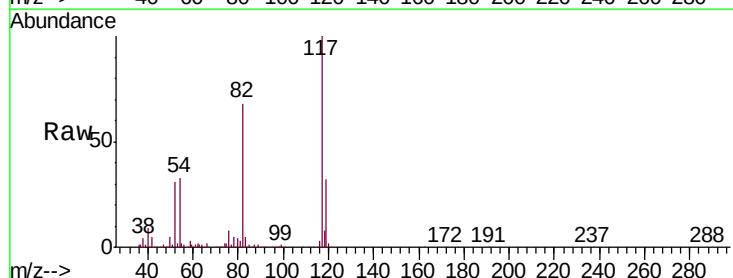
Tgt Ion:117 Resp: 2046262

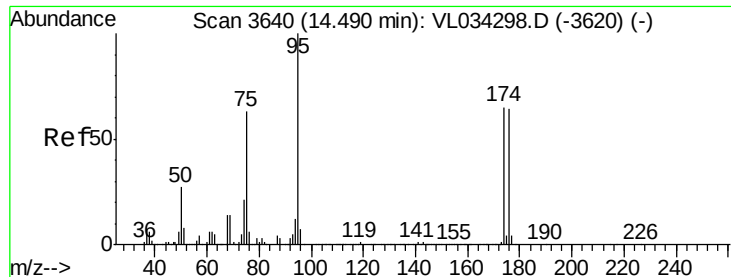
Ion Ratio Lower Upper

117 100

82 69.4 55.5 83.3

119 33.1 26.5 39.7





#68

1-Bromo-4-Fluorobenzene

Concen: 9.566 ppbv

RT: 14.48 min Scan# 3637

Delta R.T. -0.01 min

Lab File: VL034354.D

Acq: 24 Oct 2019 20:09

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1657838

Ion Ratio Lower Upper

95 100

174 70.0 52.6 78.8

175 5.1 3.8 5.6

