

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Quantitation Report (QT Reviewed)

Data File : VL034366.D
Acq On : 25 Oct 2019 16:21
Operator : SY/AP
Sample : K5477-01DL 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Quant Time: Oct 25 23:09:55 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	858336	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1682553	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.15	117	1669430	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1414473	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

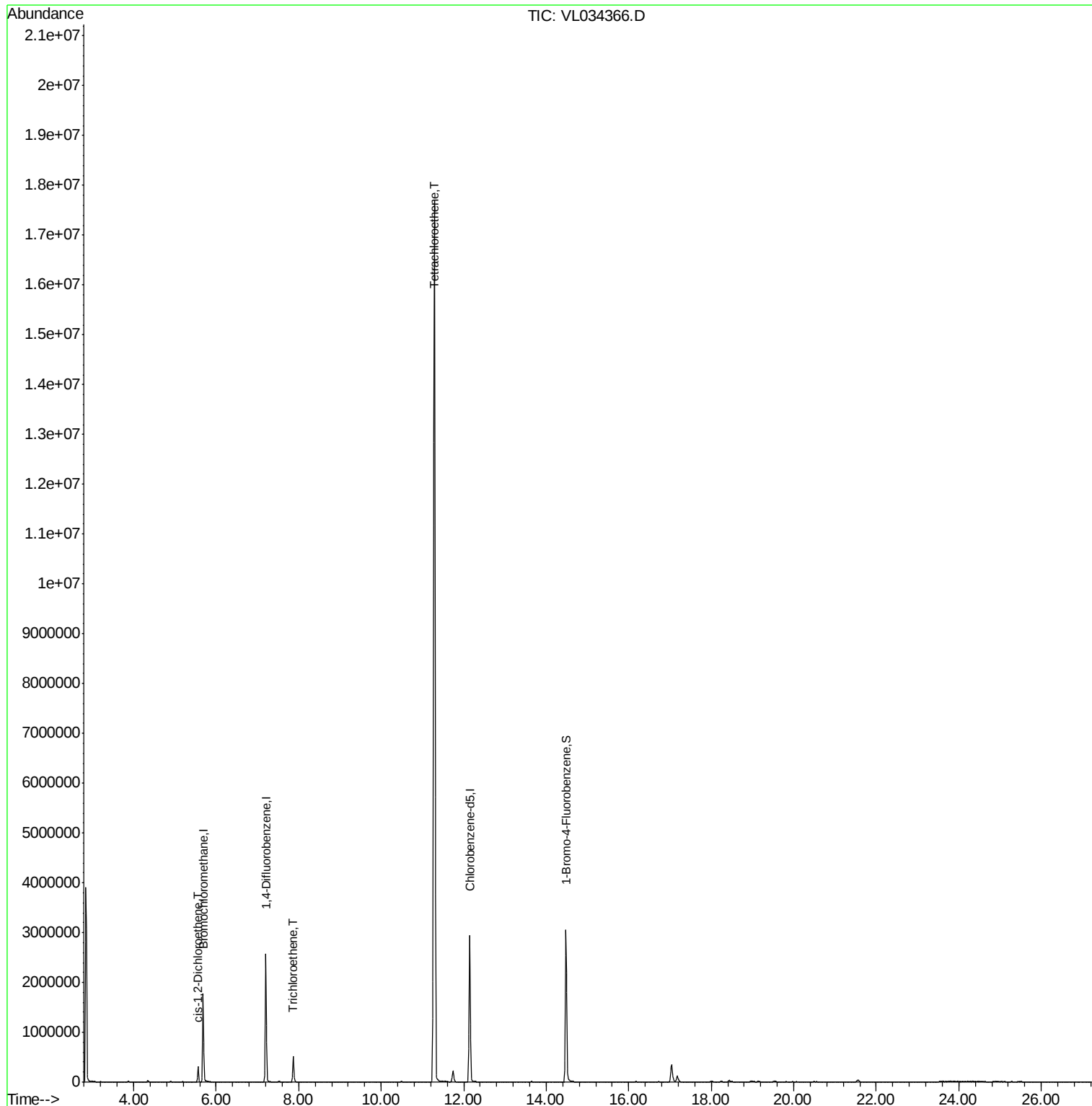
Target Compounds						Qvalue
31) cis-1,2-Dichloroethene	5.56	61	174803	1.950	ppbv	93
38) Trichloroethene	7.87	130	144600	2.232	ppbv	95
52) Tetrachloroethene	11.29	164	5277667	83.403	ppbv	94

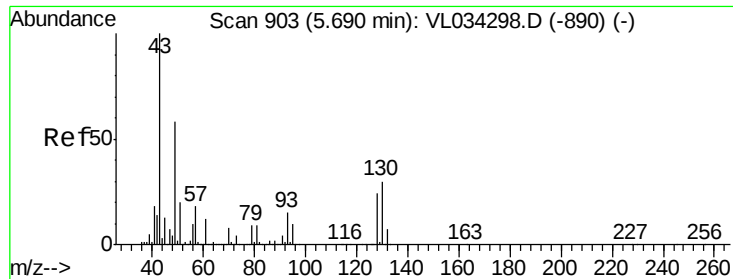
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL034366.D

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ClientSampleId :

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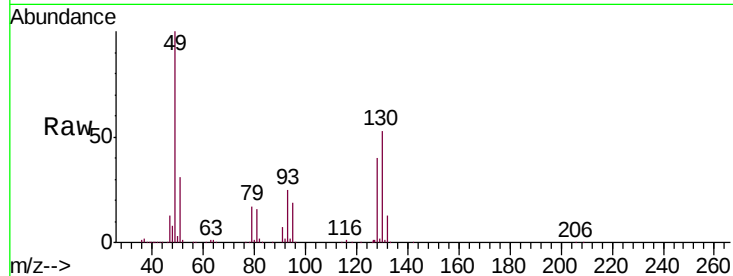
Tgt Ion: 49 Resp: 858336

Ion Ratio Lower Upper

49 100

128 42.8 20.6 61.8

130 54.4 26.2 78.5



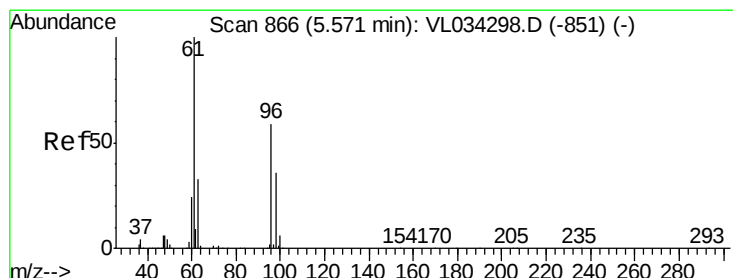
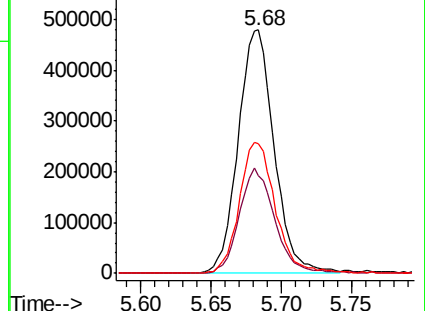
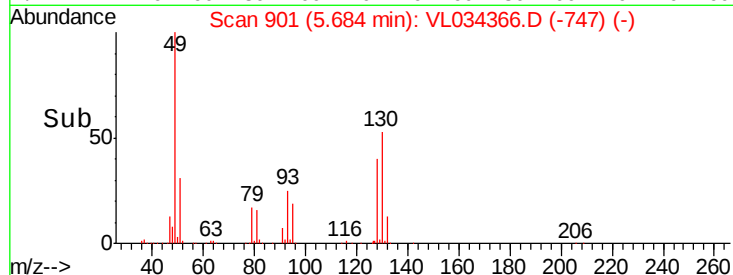
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#31

cis-1,2-Dichloroethene

Concen: 1.950 ppbv

RT: 5.56 min Scan# 864

Delta R.T. -0.01 min

Lab File: VL034366.D

Acq: 25 Oct 2019 16:21

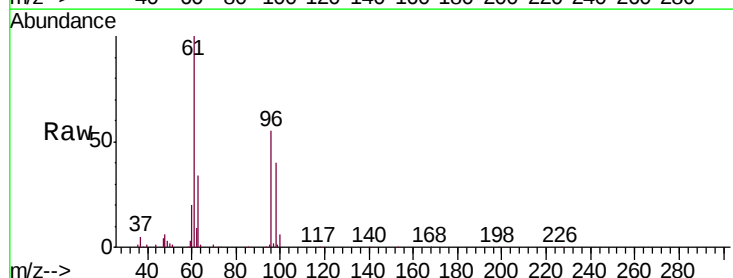
Tgt Ion: 61 Resp: 174803

Ion Ratio Lower Upper

61 100

96 54.9 47.5 71.3

98 41.0 28.8 43.2



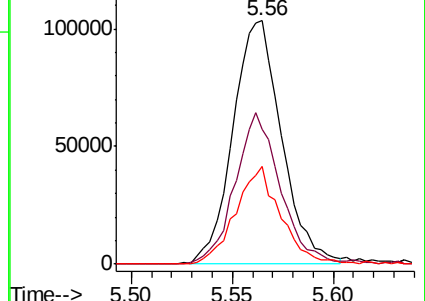
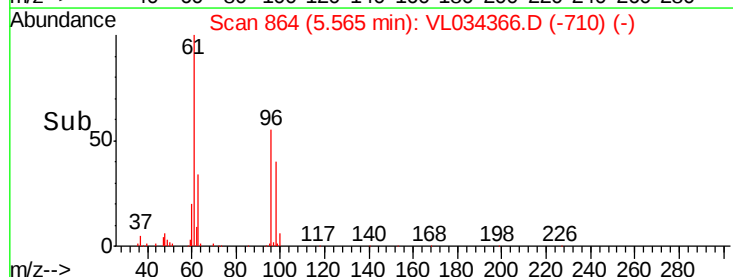
Abundance Ion 61.10 (60.80 to 61.80): VL0

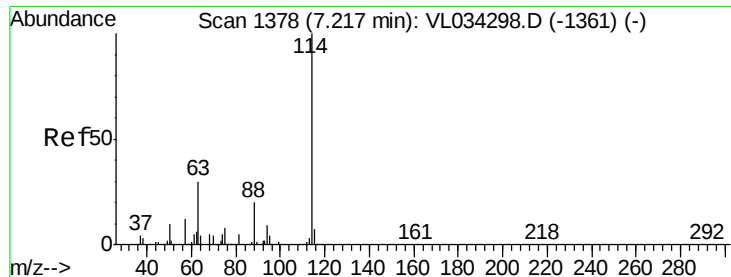
Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

5.56

Time-->

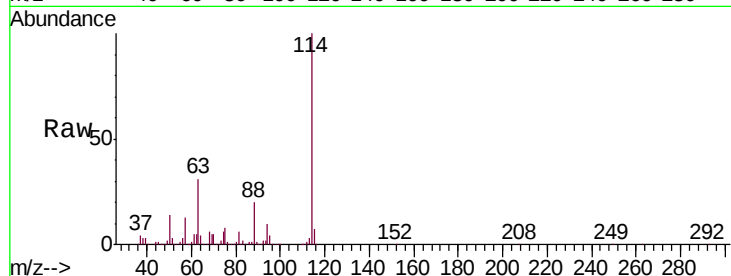




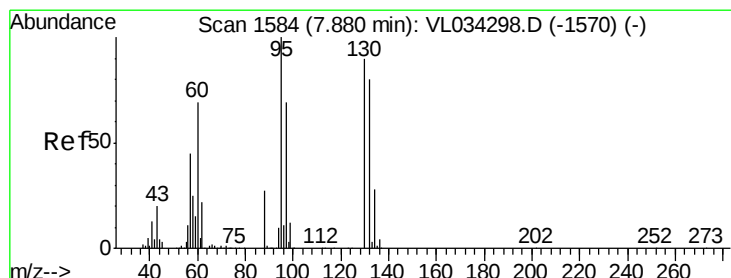
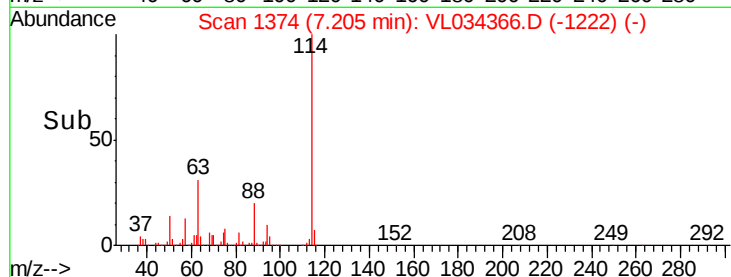
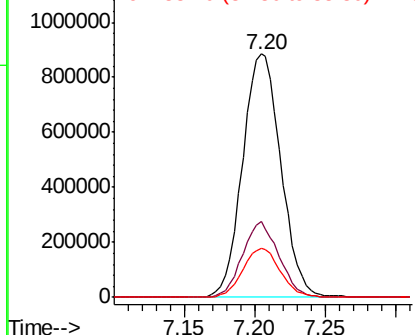
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034366.D
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Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion:114 Resp: 1682553
Ion Ratio Lower Upper
114 100
63 29.7 25.2 37.8
88 19.7 16.0 24.0

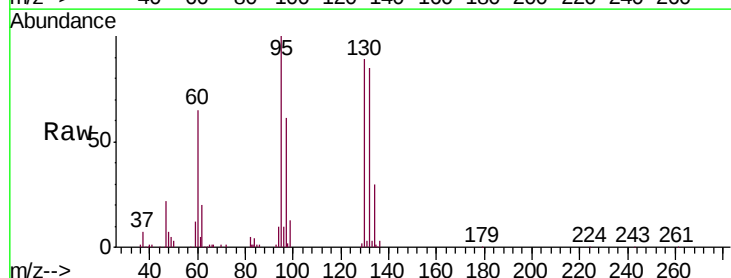


Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

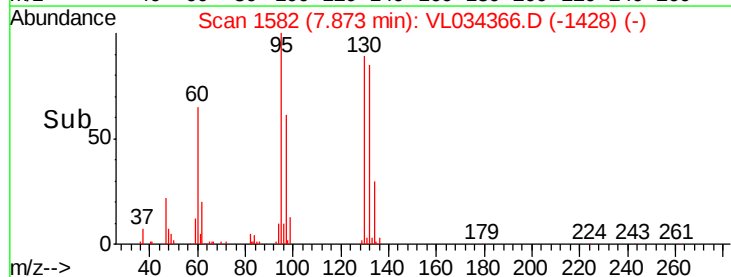
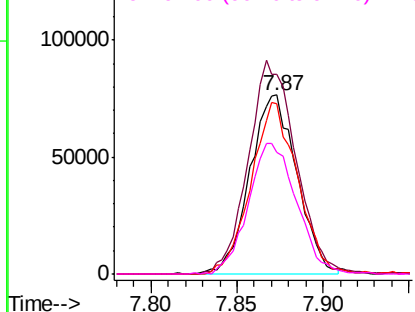


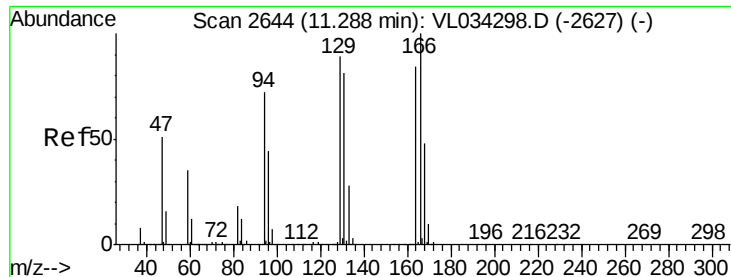
#38
Trichloroethene
Concen: 2.232 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Tgt Ion:130 Resp: 144600
Ion Ratio Lower Upper
130 100
95 108.8 88.6 132.8
132 92.6 71.2 106.8
97 66.2 61.0 91.4



Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 83.403 ppbv

RT: 11.29 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VL034366.D

Acq: 25 Oct 2019 16:21

Instrument :

MSVOA_L

ClientSampleId :

SV5DL

Tgt Ion:164 Resp: 5277667

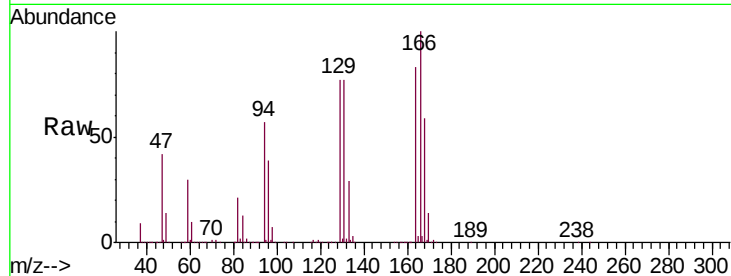
Ion Ratio Lower Upper

164 100

166 119.9 95.3 142.9

129 92.3 84.5 126.7

131 92.4 77.3 115.9

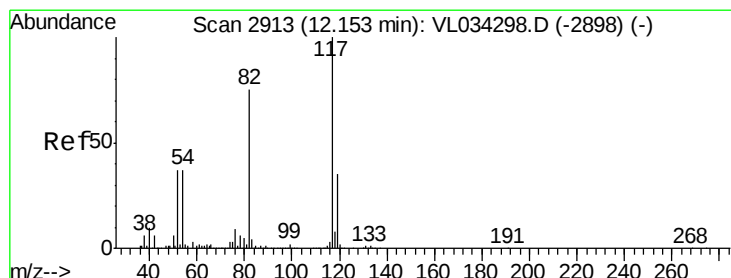
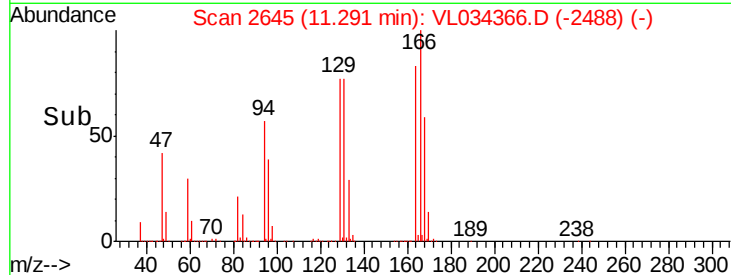
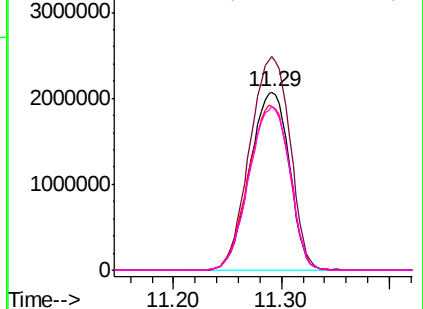


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.01 min

Lab File: VL034366.D

Acq: 25 Oct 2019 16:21

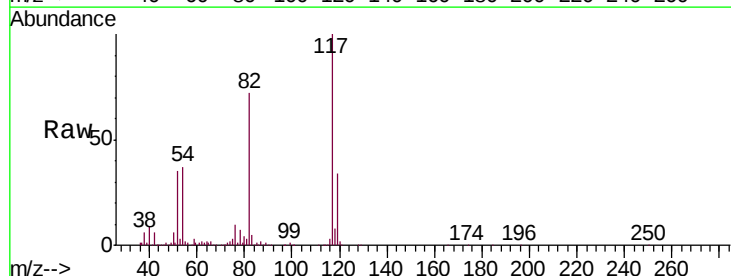
Tgt Ion:117 Resp: 1669430

Ion Ratio Lower Upper

117 100

82 72.8 55.5 83.3

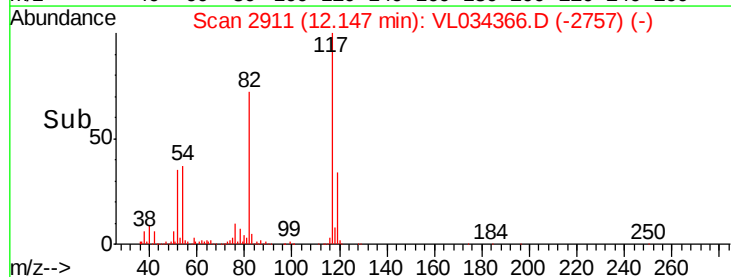
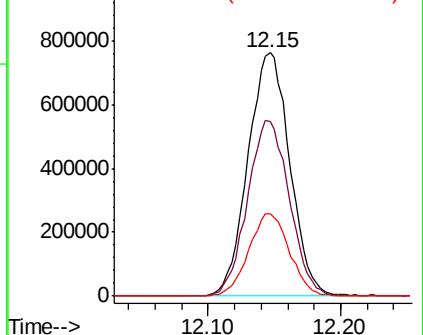
119 33.2 26.5 39.7

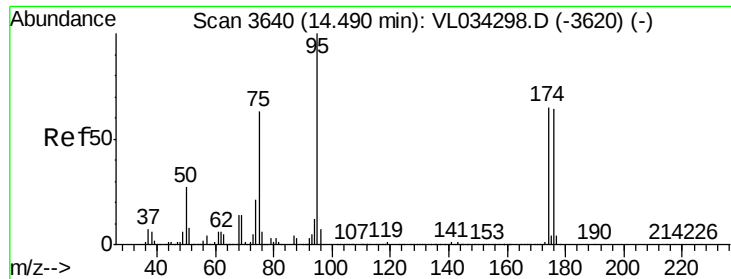


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.004 ppbv

RT: 14.48 min Scan# 3638

Delta R.T. -0.01 min

Lab File: VL034366.D

Acq: 25 Oct 2019 16:21

Instrument :

MSVOA_L

ClientSampleId :

SV5DL

Tgt Ion: 95 Resp: 1414473

Ion Ratio Lower Upper

95 100

174 65.2 52.6 78.8

175 4.7 3.8 5.6

