

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Data File : VL034350.D
Acq On : 24 Oct 2019 17:31
Operator : SY/AP
Sample : K5477-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV6DL

Quant Time: Oct 27 19:39:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1019532	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2221681	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2197892	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1773480	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

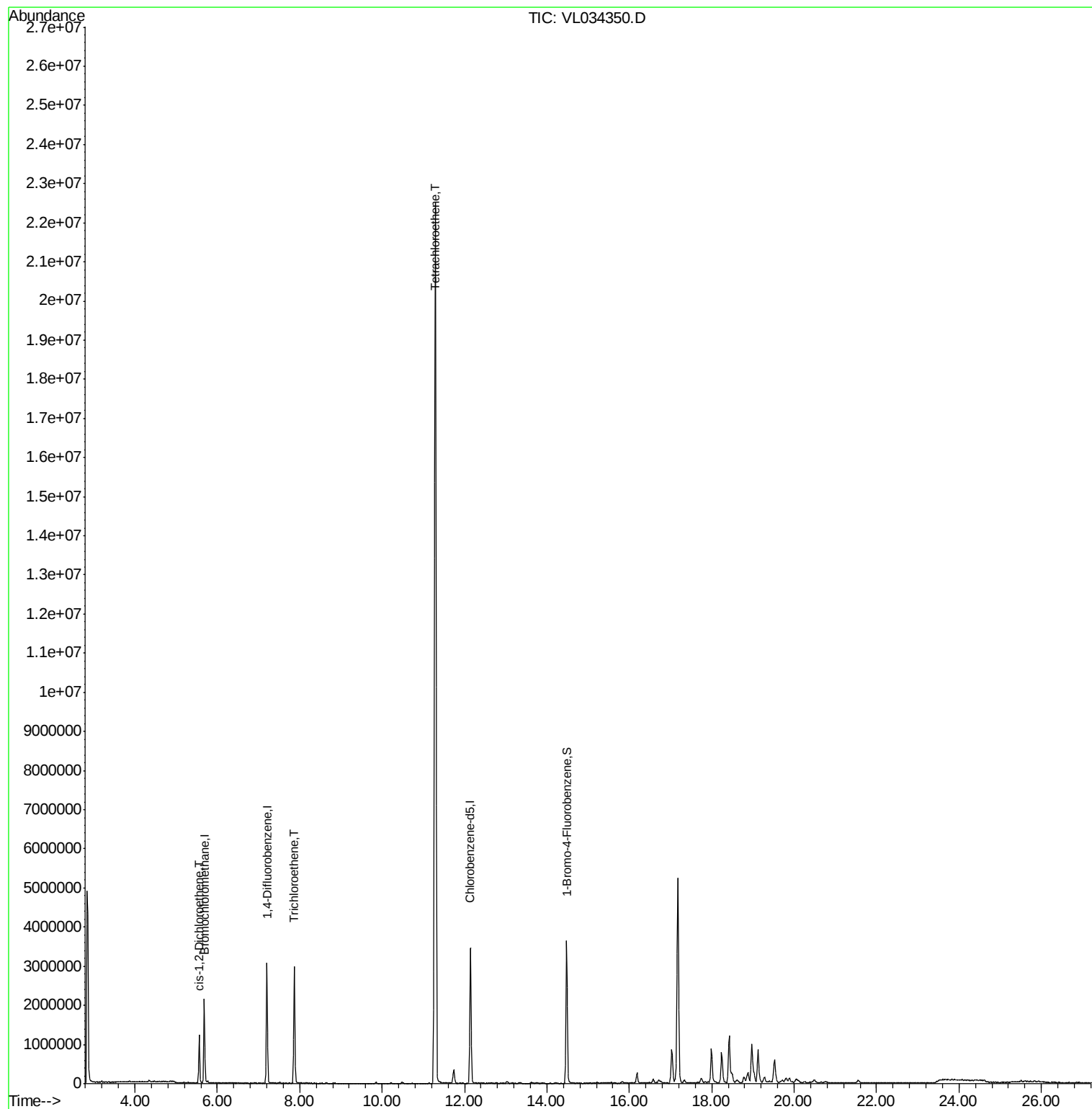
Target Compounds						Qvalue
31) cis-1,2-Dichloroethene	5.56	61	688397	6.464	ppbv	91
38) Trichloroethene	7.87	130	926603	10.833	ppbv	96
52) Tetrachloroethene	11.29	164	7217833	86.384	ppbv	91

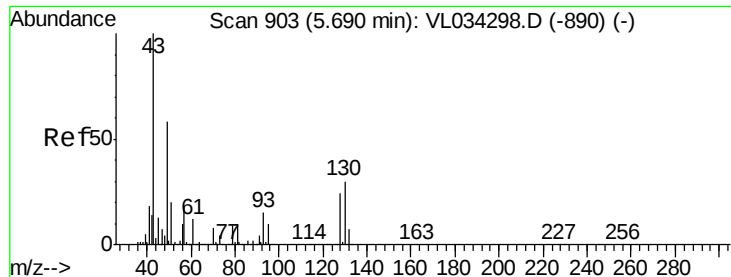
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034350.D

Acq: 24 Oct 2019 17:31

Instrument :

MSVOA_L

ClientSampleId :

SV6DL

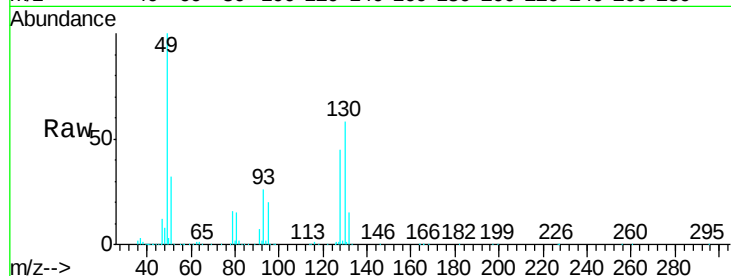
Tgt Ion: 49 Resp: 1019532

Ion Ratio Lower Upper

49 100

128 46.4 20.6 61.8

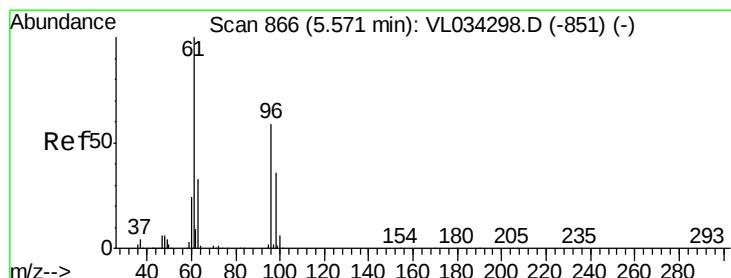
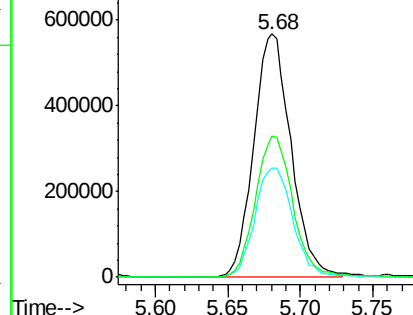
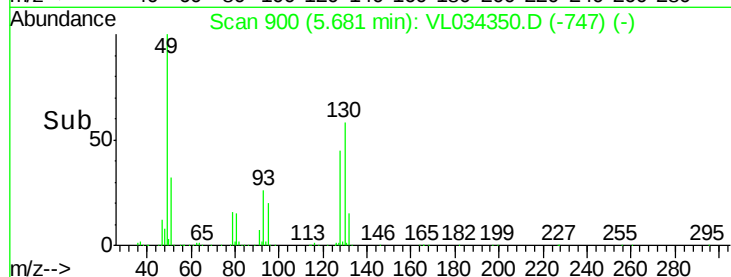
130 58.6 26.2 78.5



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



#31

cis-1,2-Dichloroethene

Concen: 6.464 ppbv

RT: 5.56 min Scan# 862

Delta R.T. -0.01 min

Lab File: VL034350.D

Acq: 24 Oct 2019 17:31

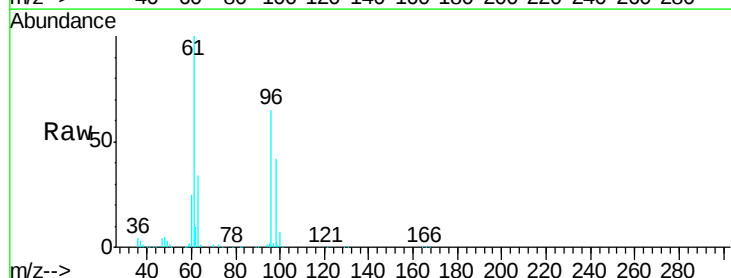
Tgt Ion: 61 Resp: 688397

Ion Ratio Lower Upper

61 100

96 65.4 47.5 71.3

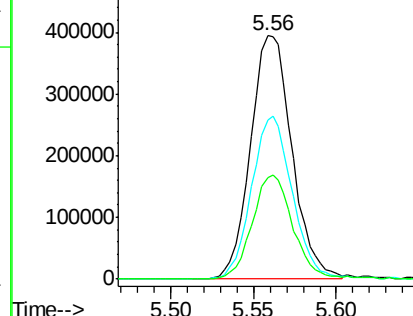
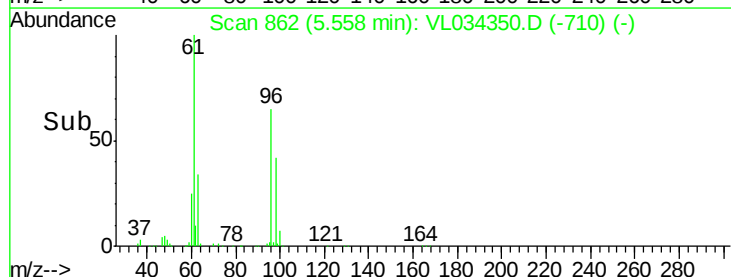
98 41.6 28.8 43.2

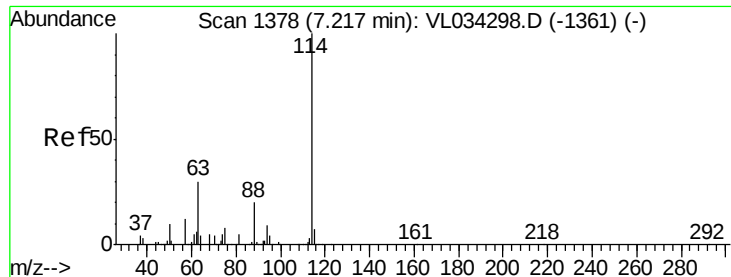


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

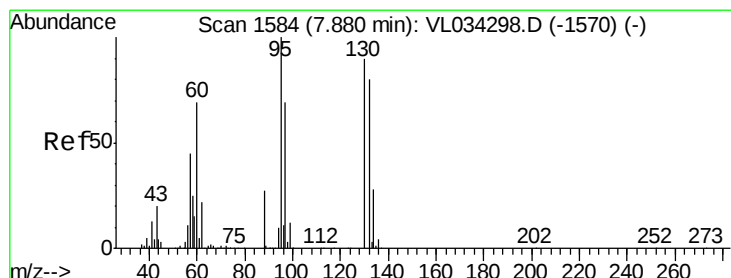
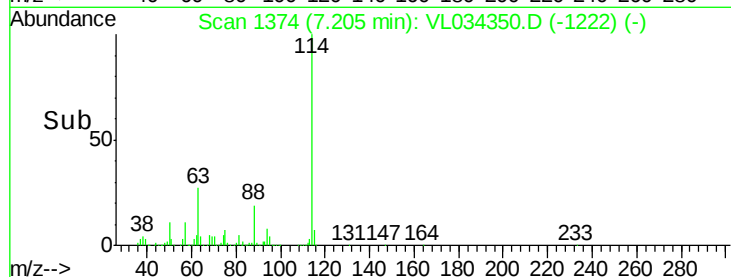
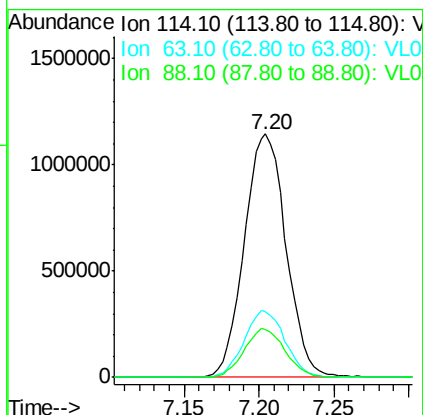
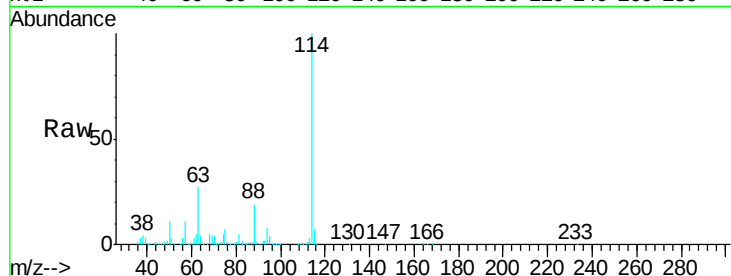




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034350.D
 Acq: 24 Oct 2019 17:31

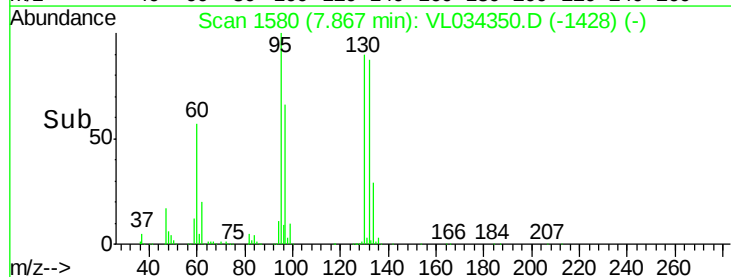
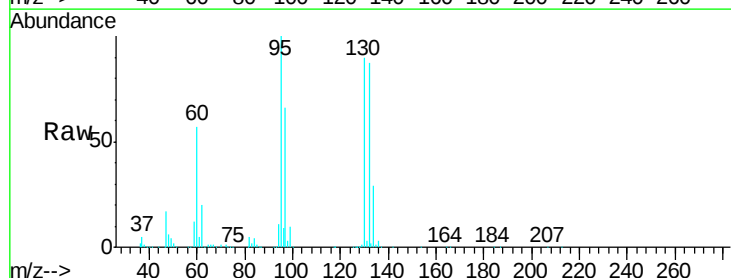
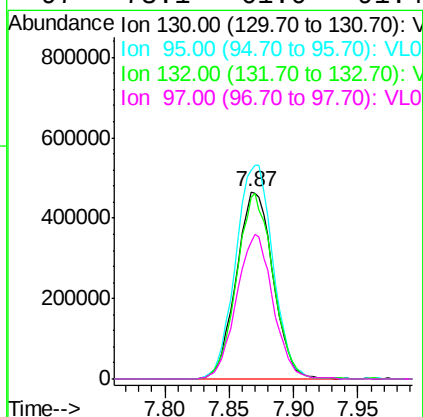
Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL

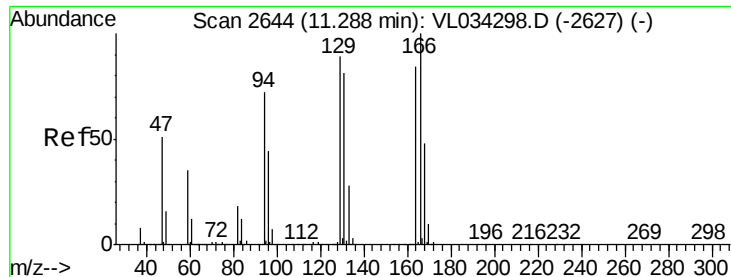
Tgt Ion:114 Resp: 2221681
 Ion Ratio Lower Upper
 114 100
 63 27.1 25.2 37.8
 88 19.7 16.0 24.0



#38
 Trichloroethene
 Concen: 10.833 ppbv
 RT: 7.87 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: VL034350.D
 Acq: 24 Oct 2019 17:31

Tgt Ion:130 Resp: 926603
 Ion Ratio Lower Upper
 130 100
 95 111.6 88.6 132.8
 132 96.8 71.2 106.8
 97 73.1 61.0 91.4





#52

Tetrachloroethene

Concen: 86.384 ppbv

RT: 11.29 min Scan# 2646

Delta R.T. 0.01 min

Lab File: VL034350.D

Acq: 24 Oct 2019 17:31

Instrument :

MSVOA_L

ClientSampleId :

SV6DL

Tgt Ion:164 Resp: 7217833

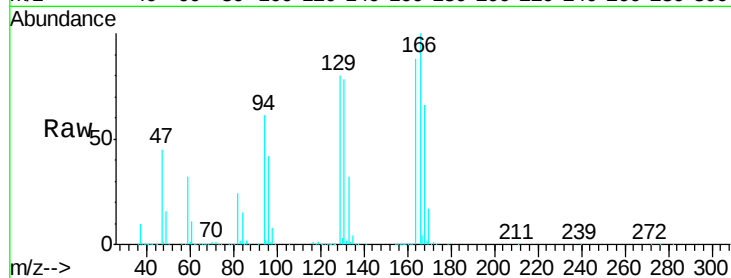
Ion Ratio Lower Upper

164 100

166 113.2 95.3 142.9

129 91.0 84.5 126.7

131 88.7 77.3 115.9

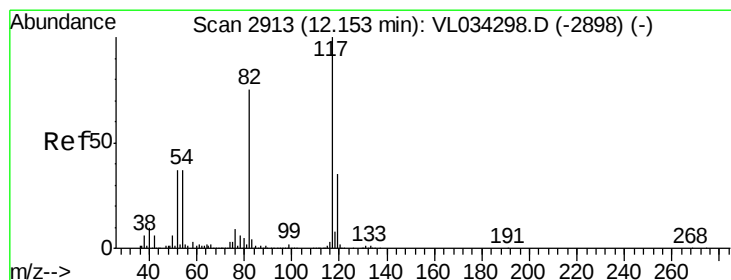
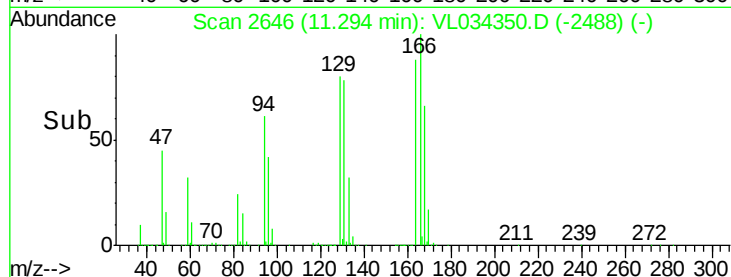
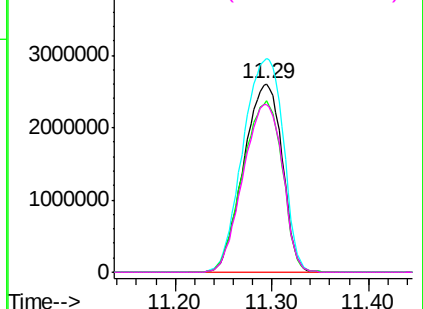


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL034350.D

Acq: 24 Oct 2019 17:31

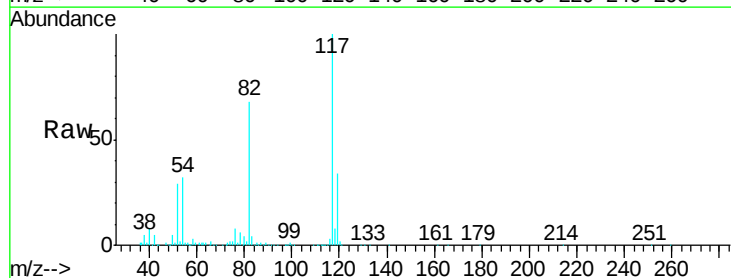
Tgt Ion:117 Resp: 2197892

Ion Ratio Lower Upper

117 100

82 68.5 55.5 83.3

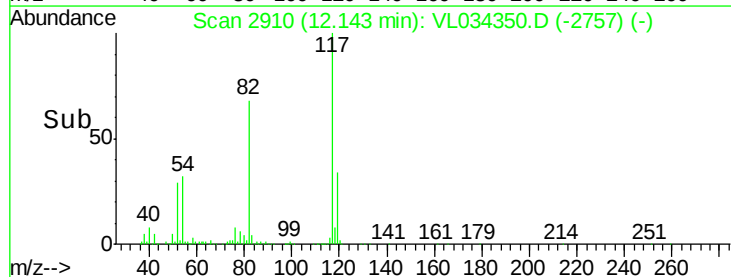
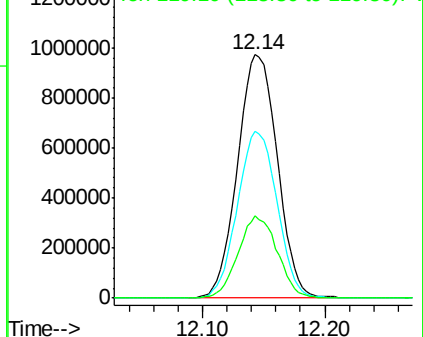
119 33.1 26.5 39.7

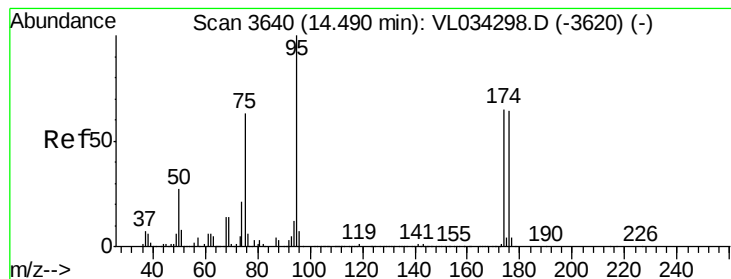


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.527 ppbv

RT: 14.48 min Scan# 3637

Delta R.T. -0.01 min

Lab File: VL034350.D

Acq: 24 Oct 2019 17:31

Instrument :

MSVOA_L

ClientSampleId :

SV6DL

Tgt Ion: 95 Resp: 1773480

Ion Ratio Lower Upper

95 100

174 69.6 52.6 78.8

175 5.1 3.8 5.6

