

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070819\
Quantitation Report (Not Reviewed)

Data File : VL034009.D
Acq On : 8 Jul 2019 12:40
Operator : SY/AP
Sample : VL0708ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Quant Time: Jul 09 03:46:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	991091	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.25	114	2714139	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.20	117	2773568	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2171178	9.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.80%

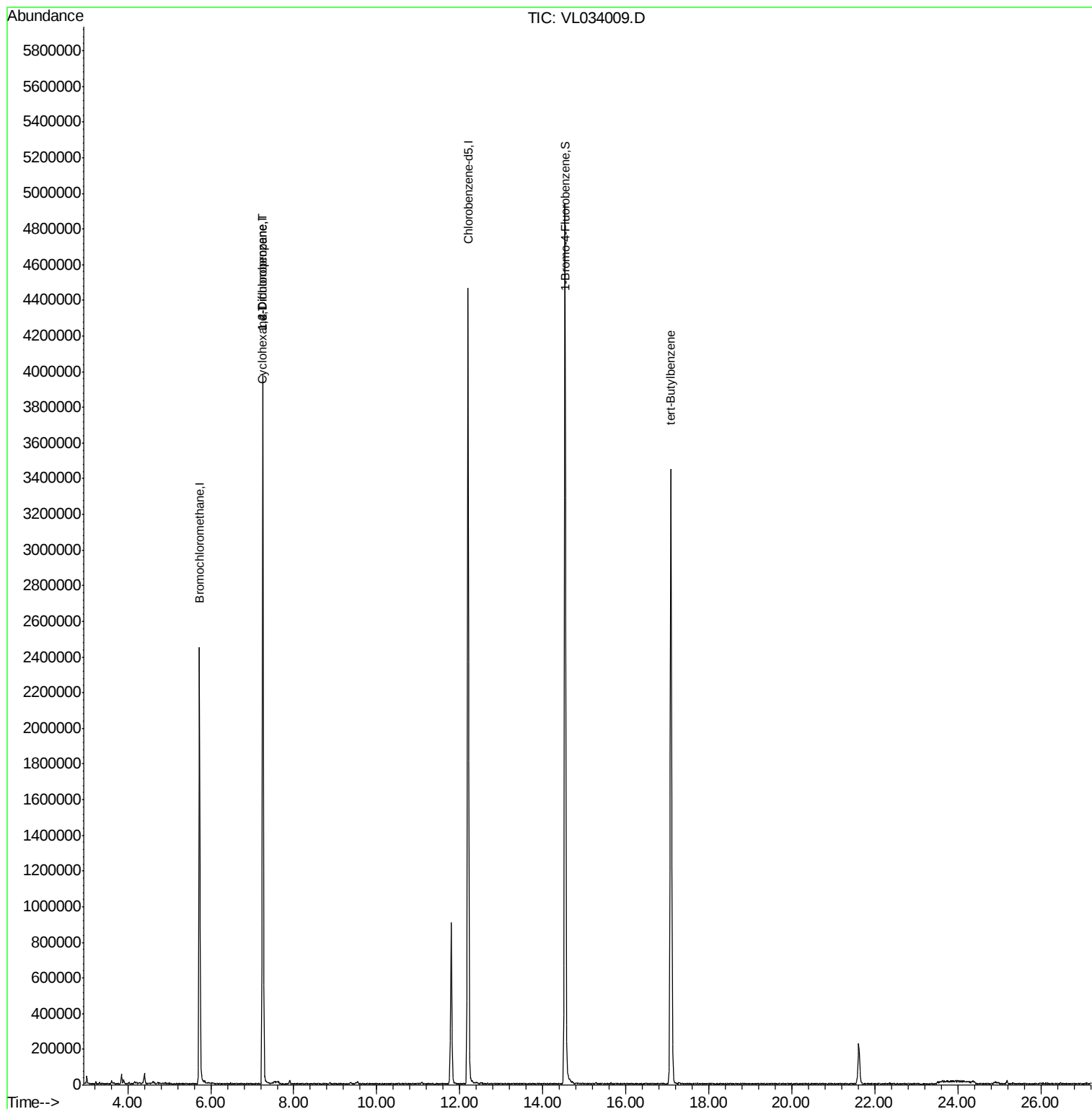
Target Compounds						Qvalue
30) Cyclohexane	7.24	84	5968	0.074	ppbv #	1
39) 1,2-Dichloropropane	7.25	63	684161	8.663	ppbv #	25
65) tert-Butylbenzene	17.09	119	45309	0.115	ppbv #	25

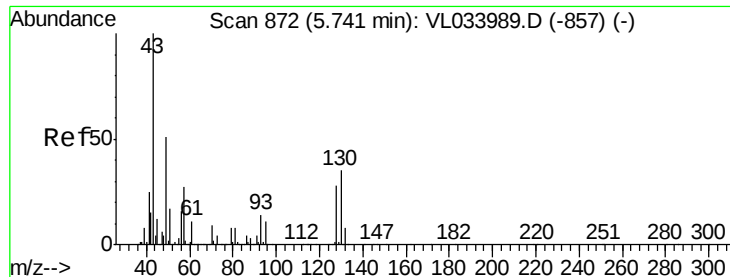
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 868

Delta R.T. -0.01 min

Lab File: VL034009.D

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MSVOA_L

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VL0708ABL01

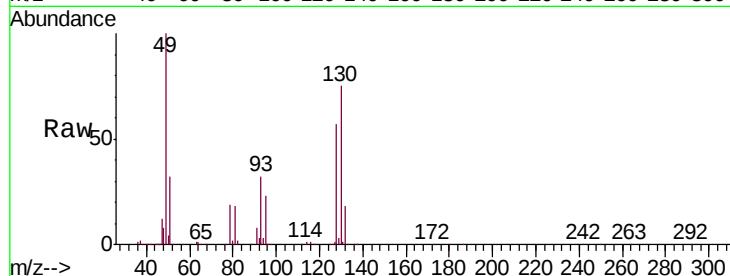
Tgt Ion: 49 Resp: 991091

Ion Ratio Lower Upper

49 100

128 58.2 27.9 83.6

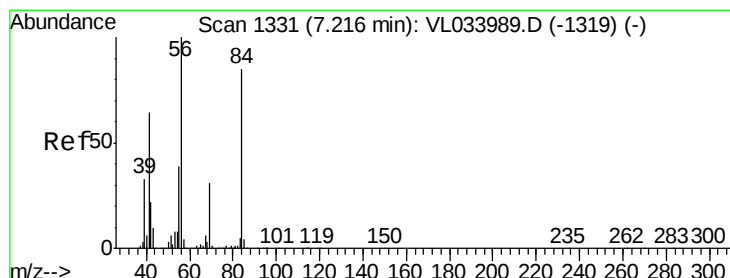
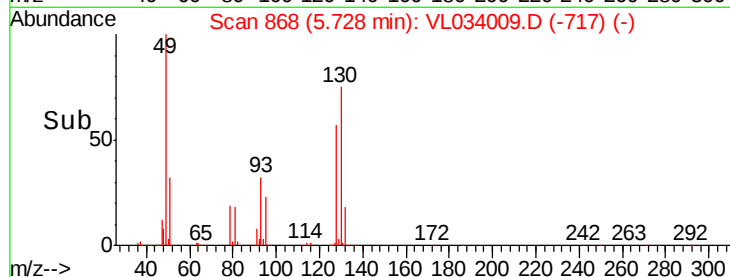
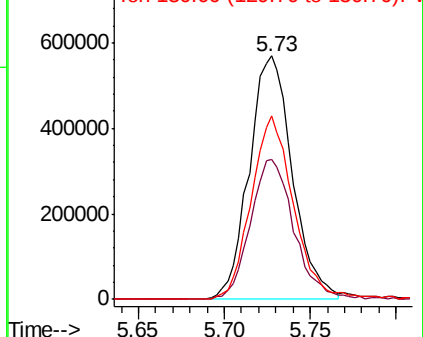
130 74.6 35.8 107.4



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



#30

Cyclohexane

Concen: 0.074 ppbv

RT: 7.24 min Scan# 1338

Delta R.T. 0.02 min

Lab File: VL034009.D

Acq: 8 Jul 2019 12:40

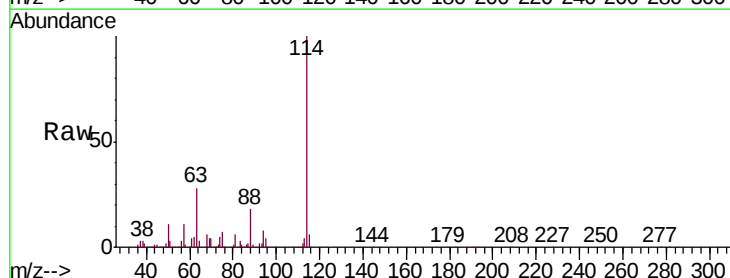
Tgt Ion: 84 Resp: 5968

Ion Ratio Lower Upper

84 100

56 0.0 103.7 155.5#

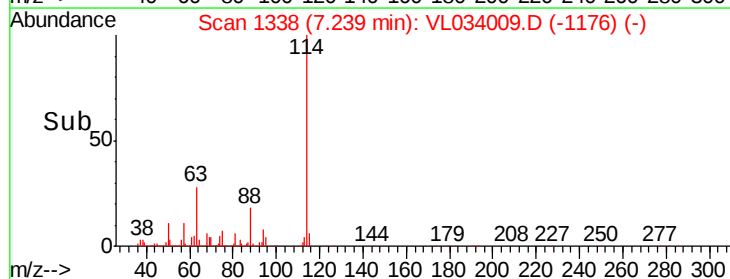
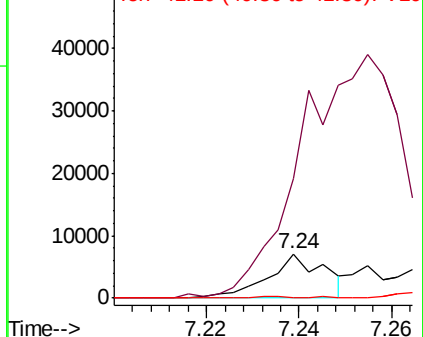
41 0.0 62.6 94.0#

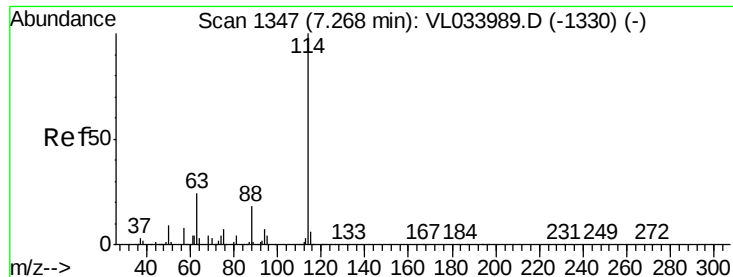


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

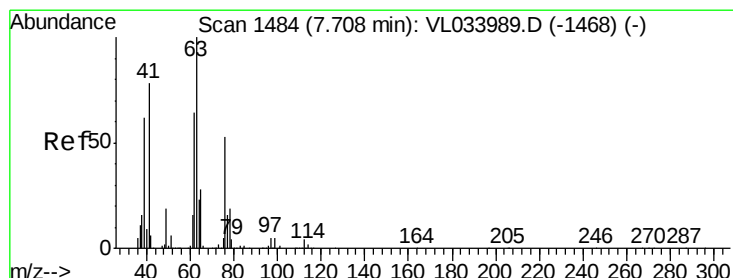
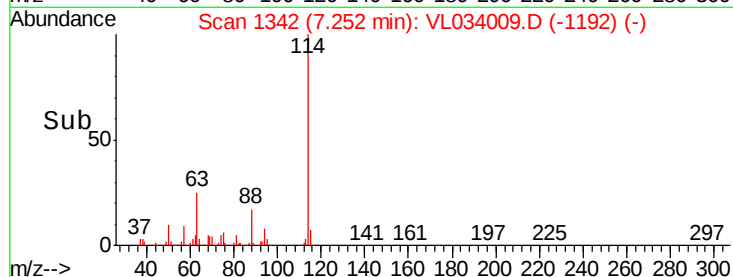
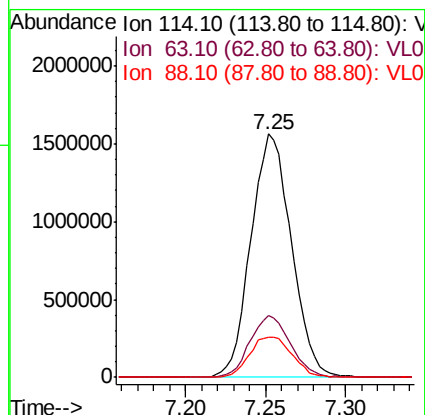
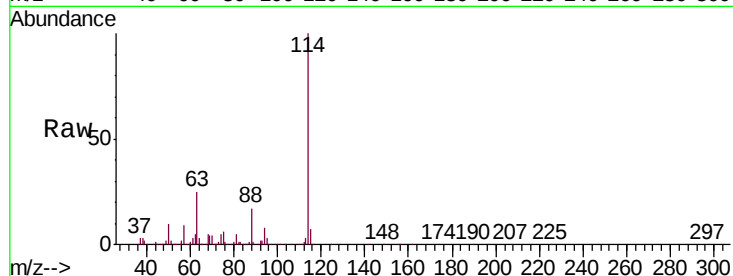




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: VL034009.D
 Acq: 8 Jul 2019 12:40

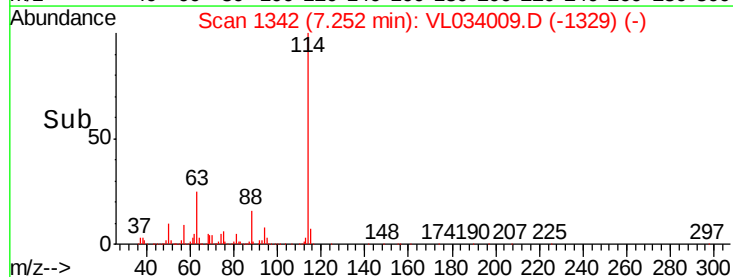
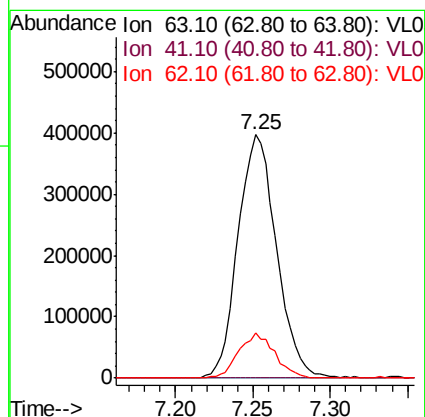
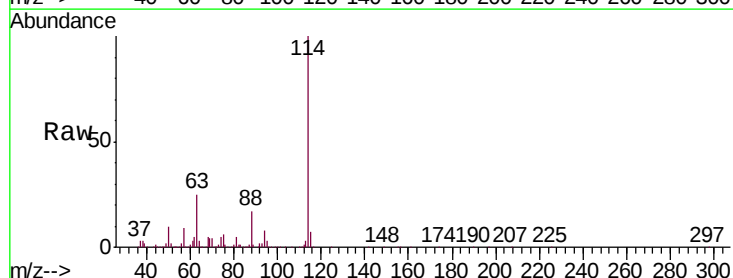
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0708ABL01

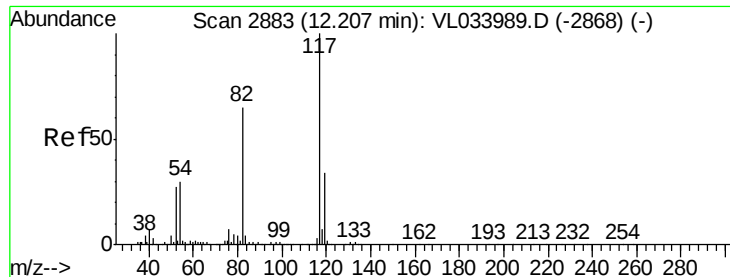
Tgt Ion: 114 Resp: 2714139
 Ion Ratio Lower Upper
 114 100
 63 25.3 20.2 30.2
 88 17.6 14.1 21.1



#39
 1,2-Dichloropropane
 Concen: 8.663 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.46 min
 Lab File: VL034009.D
 Acq: 8 Jul 2019 12:40

Tgt Ion: 63 Resp: 684161
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.3 93.5#
 62 18.7 51.4 77.2#

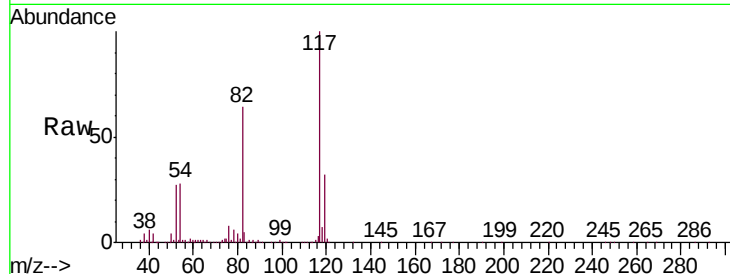




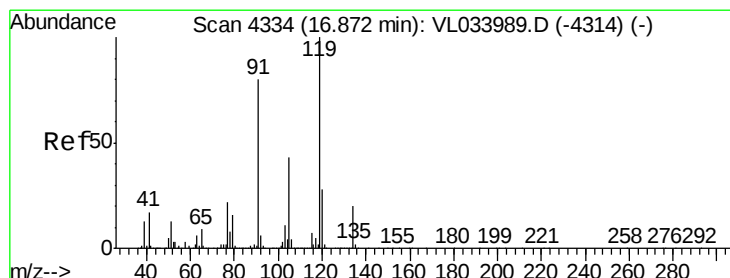
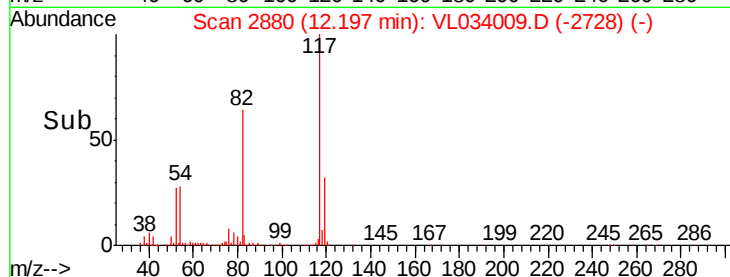
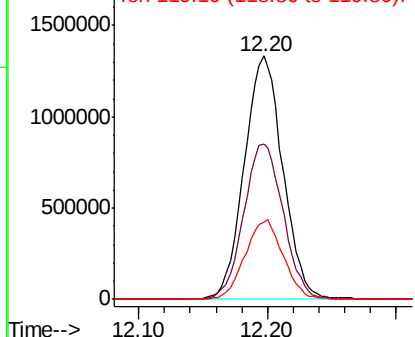
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.20 min Scan# 2880
Delta R.T. -0.01 min
Lab File: VL034009.D
Acq: 8 Jul 2019 12:40

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion:117 Resp: 2773568
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 32.6 24.0 36.0

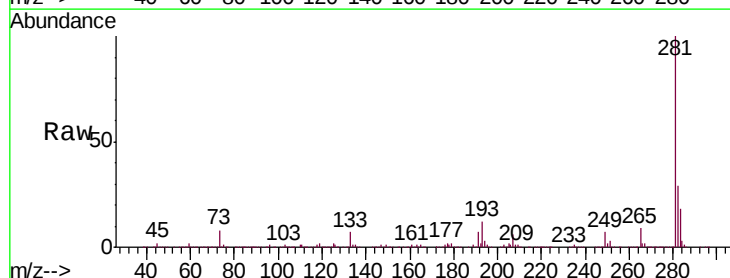


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

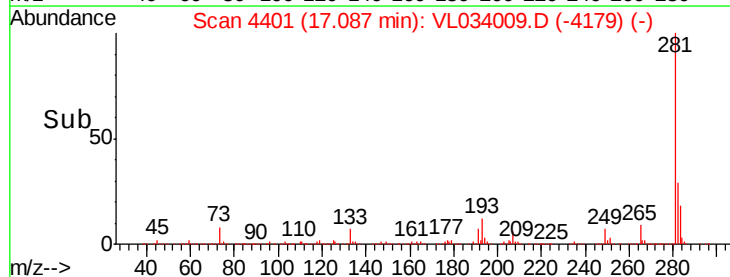
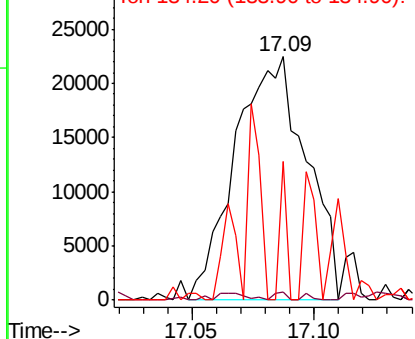


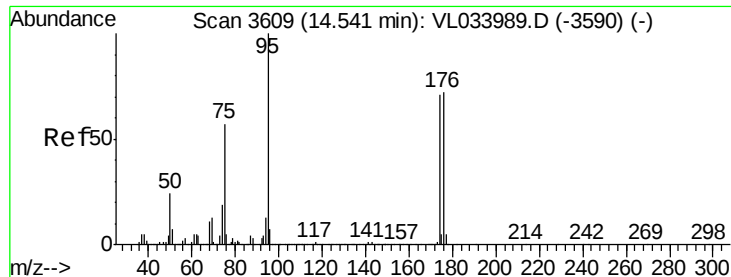
#65
tert-Butylbenzene
Concen: 0.115 ppbv
RT: 17.09 min Scan# 4401
Delta R.T. 0.22 min
Lab File: VL034009.D
Acq: 8 Jul 2019 12:40

Tgt Ion:119 Resp: 45309
Ion Ratio Lower Upper
119 100
91 2.1 67.0 100.6#
134 25.1 15.8 23.6#



Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.178 ppbv

RT: 14.53 min Scan# 3606

Delta R.T. -0.01 min

Lab File: VL034009.D

Acq: 8 Jul 2019 12:40

Instrument :

MSVOA_L

ClientSampleId :

VL0708ABL01

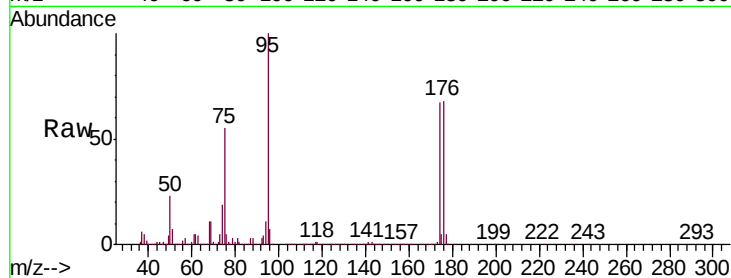
Tgt Ion: 95 Resp: 2171178

Ion Ratio Lower Upper

95 100

174 72.5 60.5 90.7

175 5.2 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

