

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034252.D
 Acq On : 8 Oct 2019 16:37
 Operator : SY/AP
 Sample : VL1008ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABL01

Quant Time: Oct 09 05:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1152999	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1875584	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1903576	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1699259	10.27	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

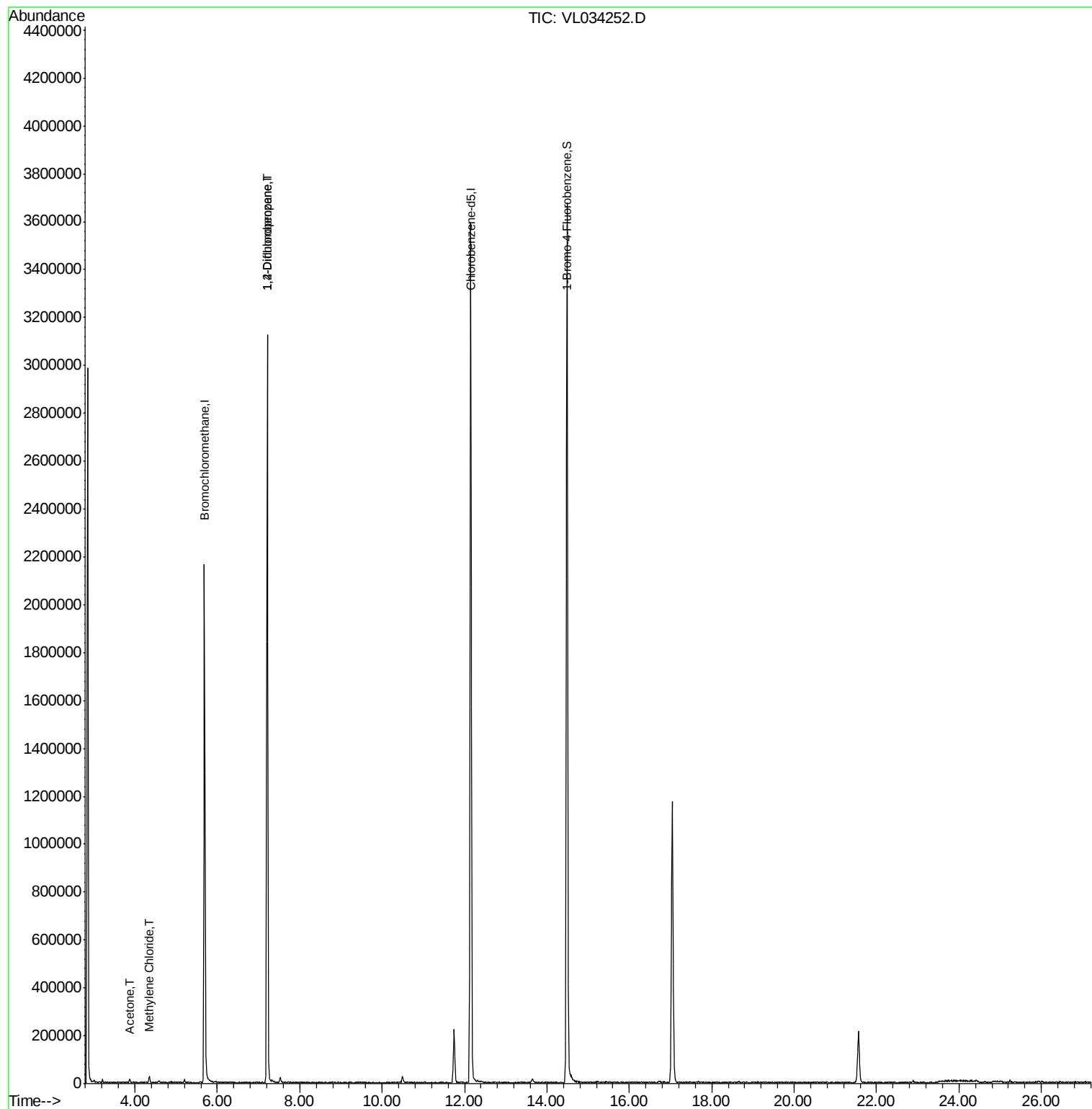
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	15334	0.099	ppbv #	70
20) Methylene Chloride	4.34	84	2732	0.061	ppbv #	85
39) 1,2-Dichloropropane	7.21	63	648960	6.973	ppbv #	20

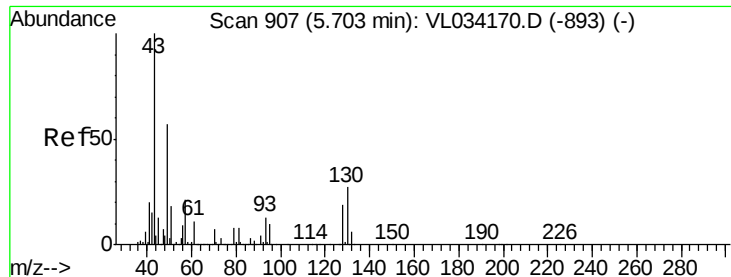
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034252.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1008ABL01

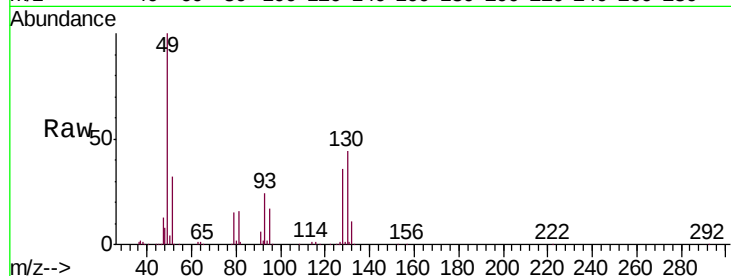
Tgt Ion: 49 Resp: 1152999

Ion Ratio Lower Upper

49 100

128 35.4 17.6 52.9

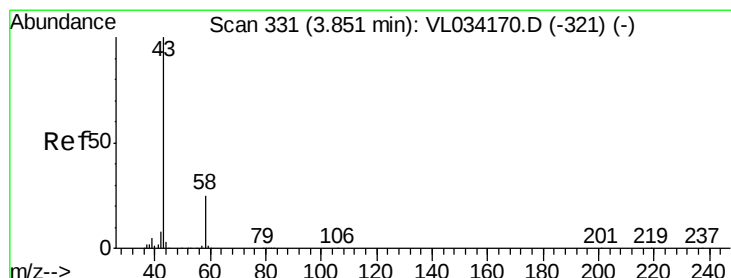
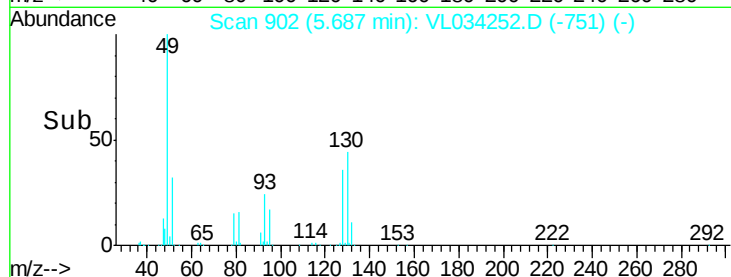
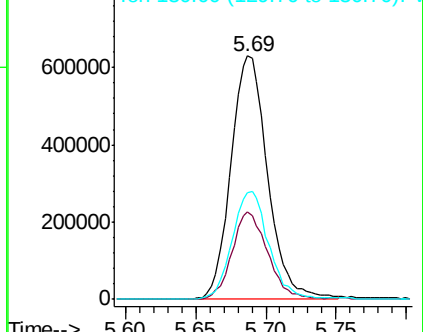
130 44.6 22.3 66.9



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



#15

Acetone

Concen: 0.099 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL034252.D

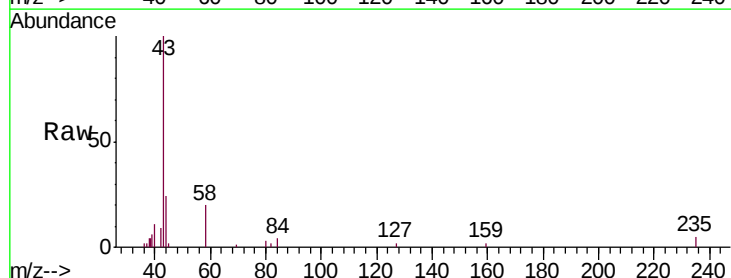
Acq: 8 Oct 2019 16:37

Tgt Ion: 43 Resp: 15334

Ion Ratio Lower Upper

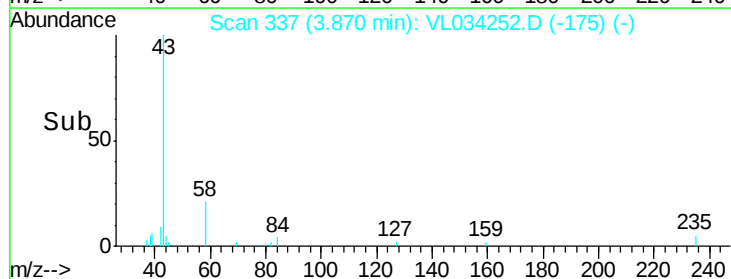
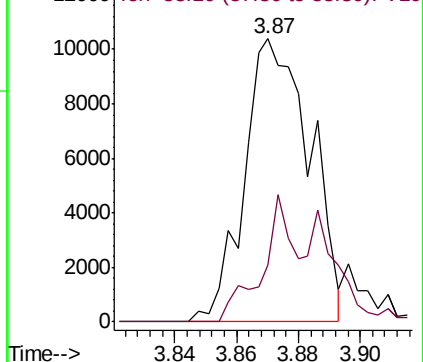
43 100

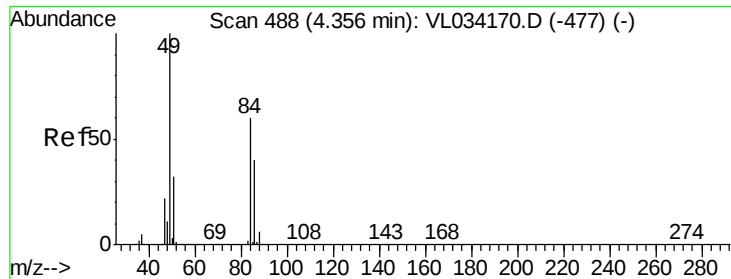
58 40.5 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

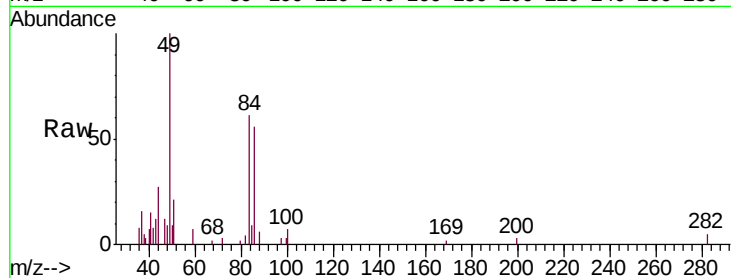




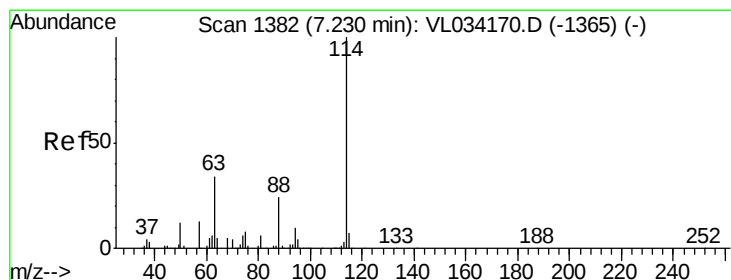
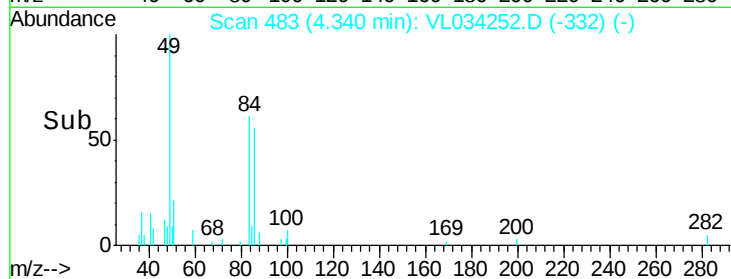
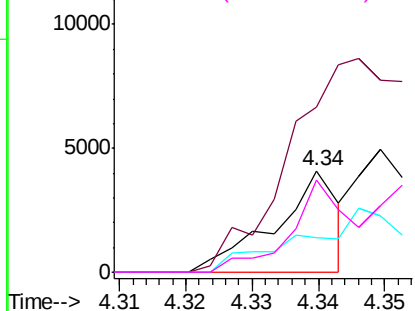
#20
Methylene Chloride
Concen: 0.061 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.02 min
Lab File: VL034252.D
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MSVOA_L
ClientSampleId :
VL1008ABL01

Tgt Ion: 84 Resp: 2732
Ion Ratio Lower Upper
84 100
49 162.7 133.8 200.8
51 33.9 43.6 65.4#
86 91.3 53.1 79.7#

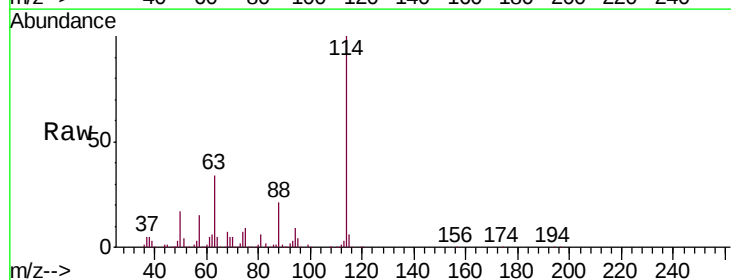


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

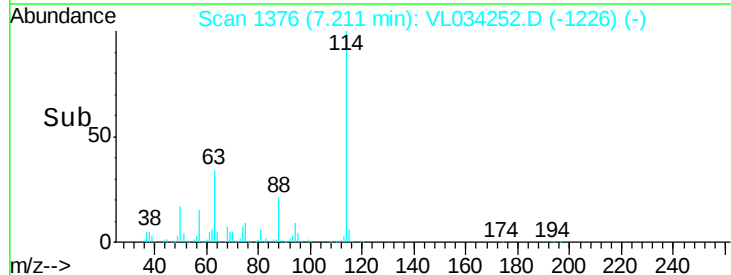
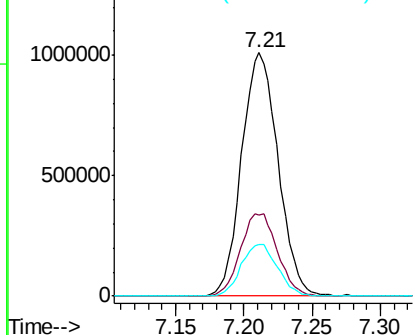


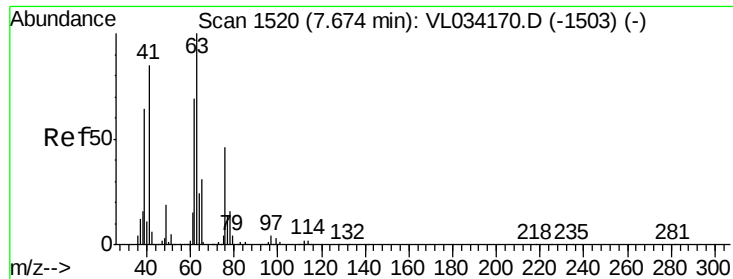
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034252.D
Acq: 8 Oct 2019 16:37

Tgt Ion: 114 Resp: 1875584
Ion Ratio Lower Upper
114 100
63 34.8 27.8 41.6
88 21.2 17.1 25.7



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

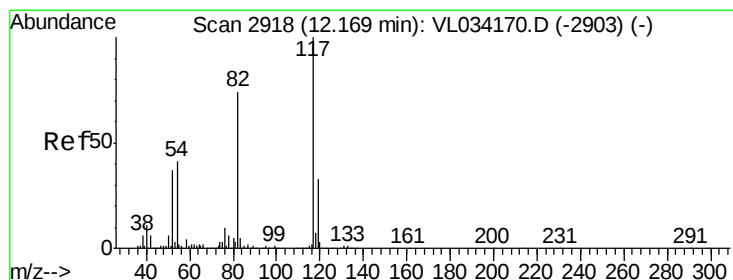
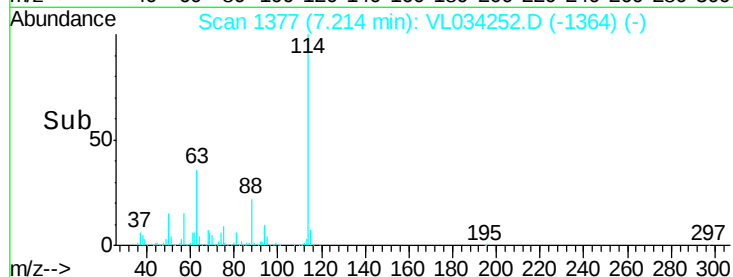
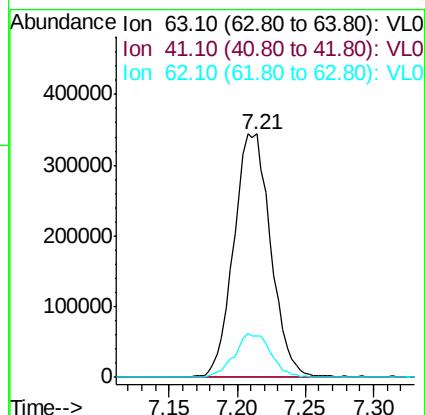
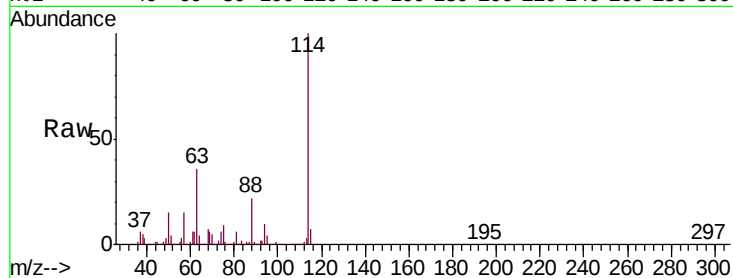




#39
 1,2-Dichloropropane
 Concen: 6.973 ppbv
 RT: 7.21 min Scan# 1377
 Delta R.T. -0.46 min
 Lab File: VL034252.D
 Acq: 8 Oct 2019 16:37

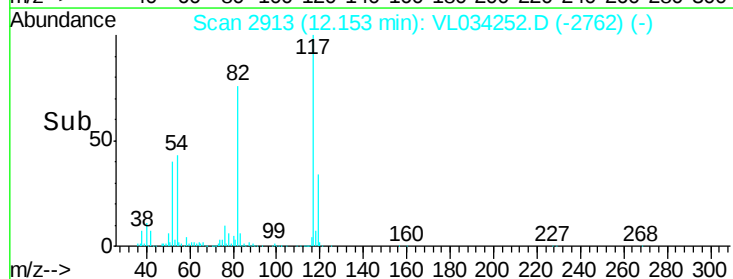
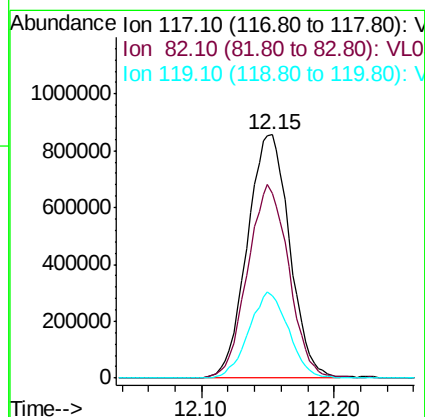
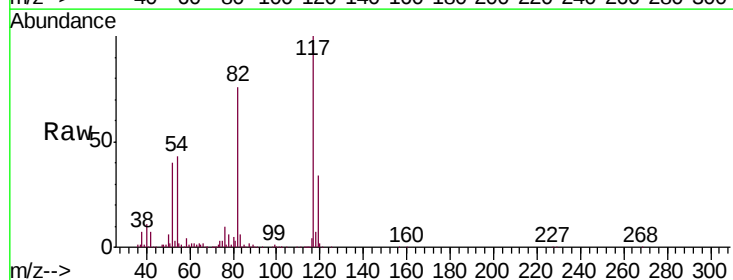
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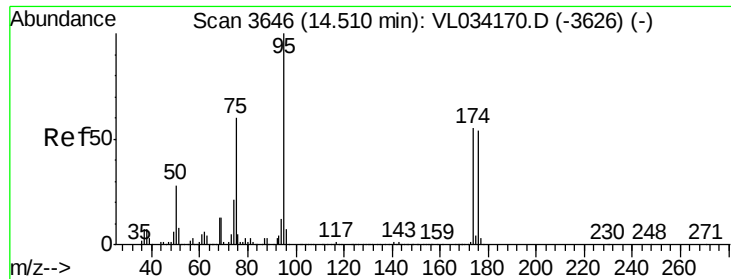
Tgt Ion: 63 Resp: 648960
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 17.0 55.4 83.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.15 min Scan# 2913
 Delta R.T. -0.02 min
 Lab File: VL034252.D
 Acq: 8 Oct 2019 16:37

Tgt Ion: 117 Resp: 1903576
 Ion Ratio Lower Upper
 117 100
 82 77.7 58.2 87.4
 119 33.5 23.7 35.5





#68

1-Bromo-4-Fluorobenzene

Concen: 10.273 ppbv

RT: 14.49 min Scan# 3639

Delta R.T. -0.02 min

Lab File: VL034252.D

Acq: 8 Oct 2019 16:37

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABL01

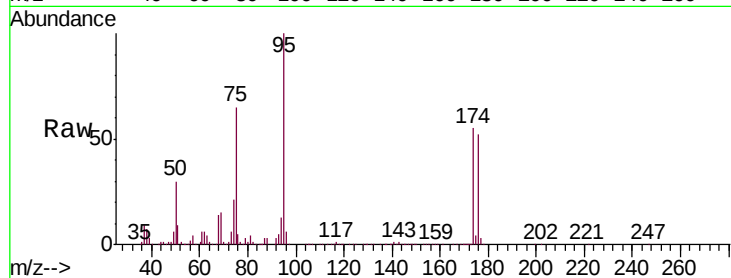
Tgt Ion: 95 Resp: 1699259

Ion Ratio Lower Upper

95 100

174 54.9 45.1 67.7

175 4.0 3.3 4.9



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

