

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\
Quantitation Report (Not Reviewed)

Data File : VL034705.D
Acq On : 27 Feb 2020 11:57
Operator : SY/AP
Sample : VL0227ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0227ABL01

Quant Time: Feb 28 01:06:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	930586	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	1934832	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.14	117	1882197	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1607053	10.41	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

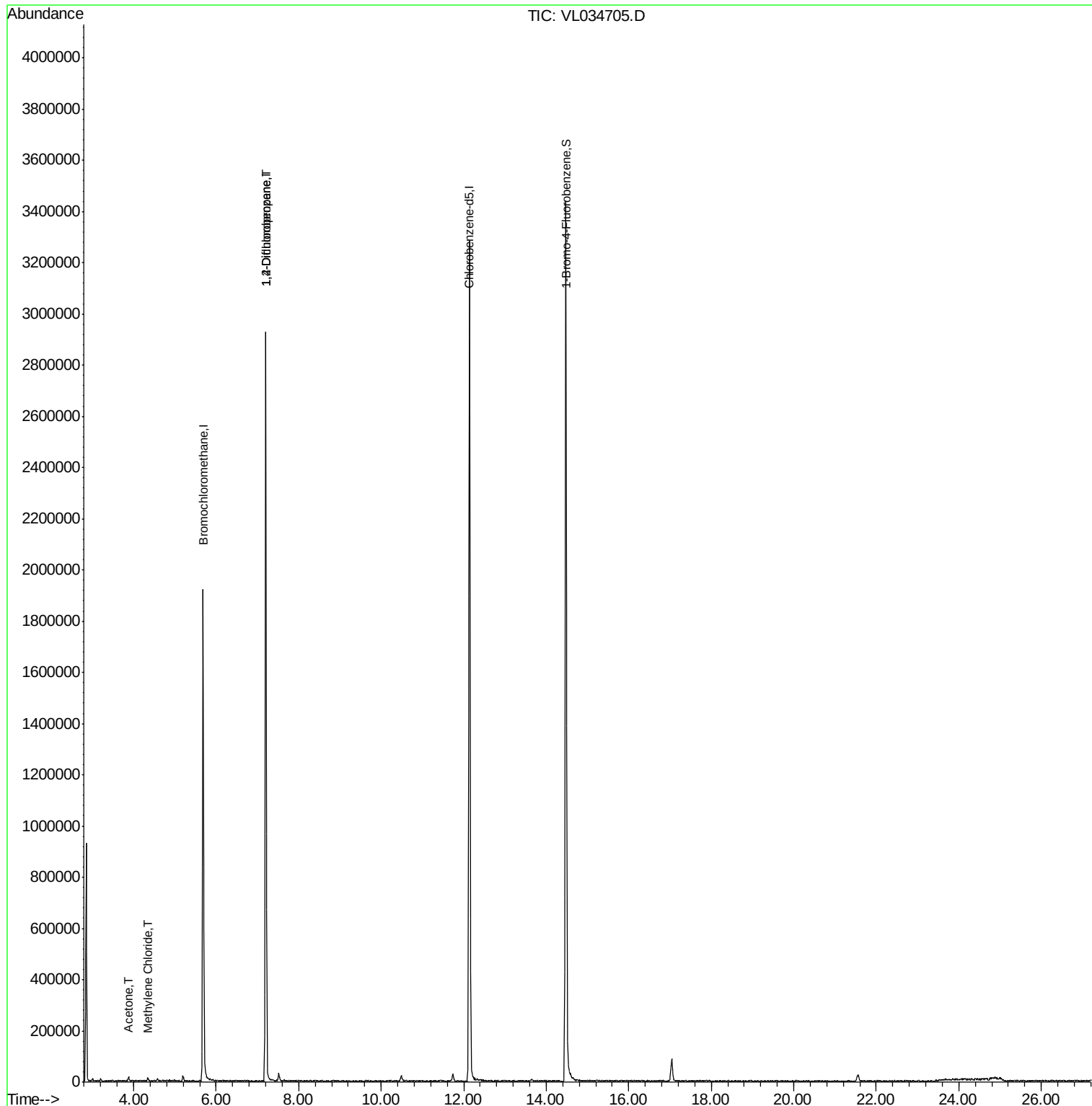
Target Compounds					Qvalue	
15) Acetone	3.87	43	12641	0.119	ppbv #	45
20) Methylene Chloride	4.34	84	2396	0.061	ppbv #	63
39) 1,2-Dichloropropane	7.20	63	554792	8.345	ppbv #	23

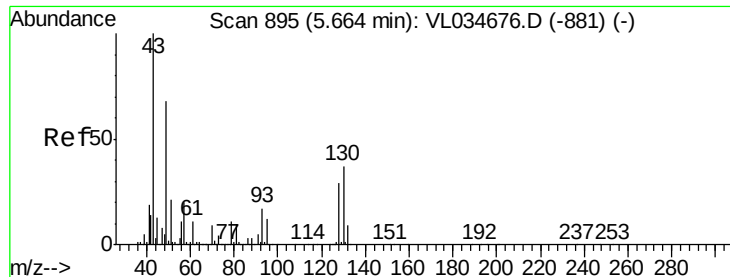
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

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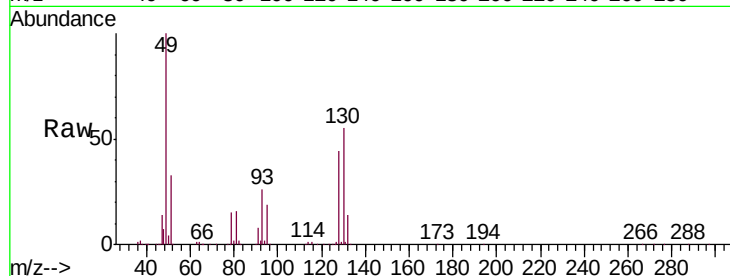
Tgt Ion: 49 Resp: 930586

Ion Ratio Lower Upper

49 100

128 43.6 21.6 65.0

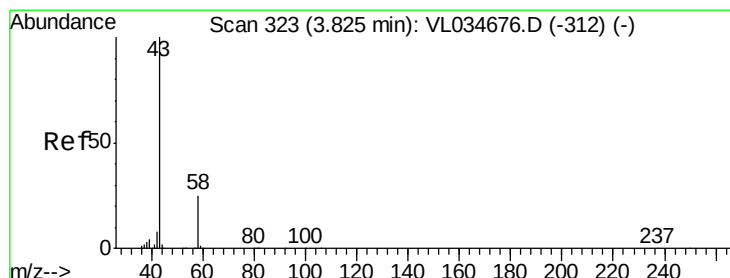
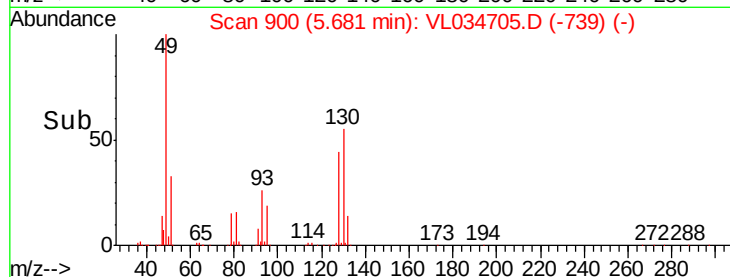
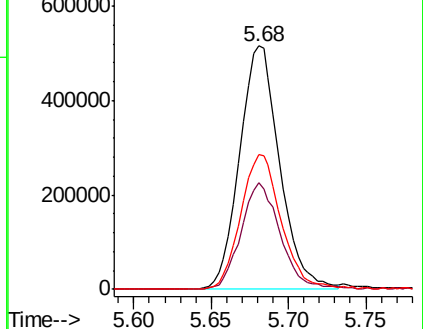
130 57.0 27.7 83.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.119 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.05 min

Lab File: VL034705.D

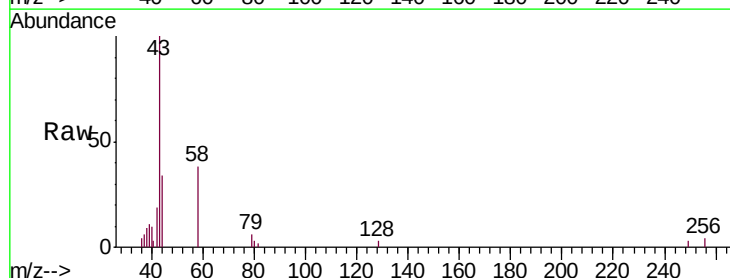
Acq: 27 Feb 2020 11:57

Tgt Ion: 43 Resp: 12641

Ion Ratio Lower Upper

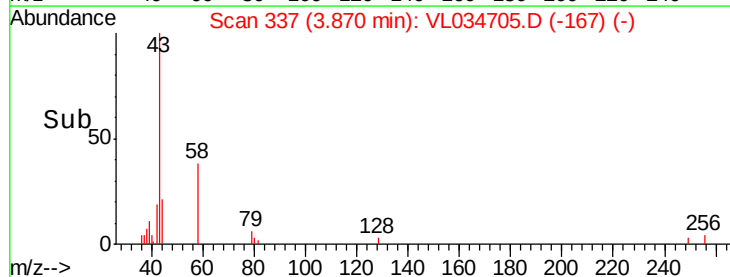
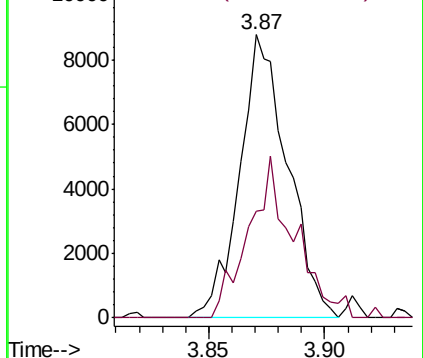
43 100

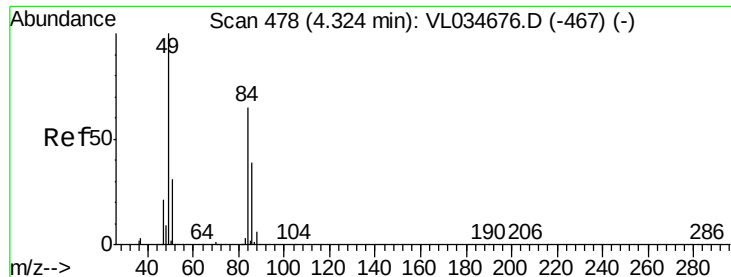
58 55.0 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

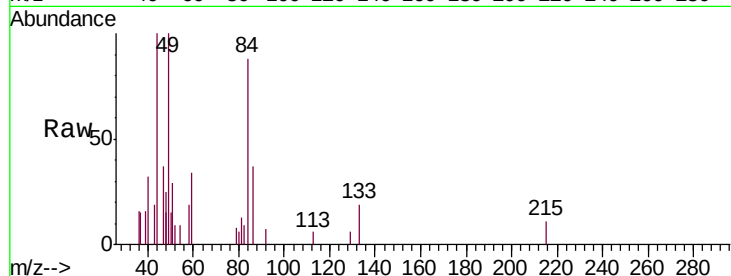




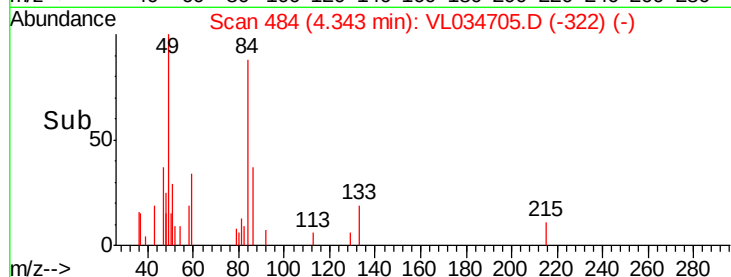
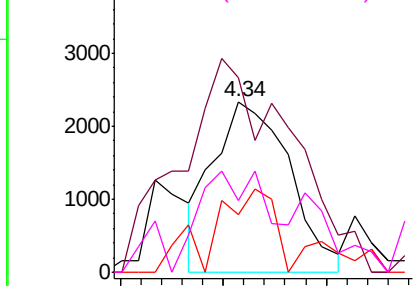
#20
Methylene Chloride
Concen: 0.061 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL034705.D
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Instrument :
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ClientSampleId :
VL0227ABL01

Tgt Ion:	84	Resp:	2396
Ion	Ratio	Lower	Upper
84	100		
49	103.5	122.8	184.2#
51	25.3	38.6	58.0#
86	33.8	47.7	71.5#

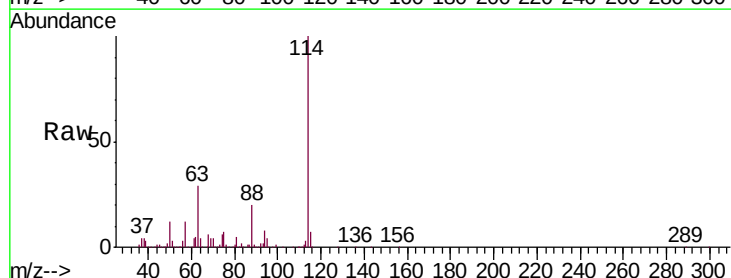
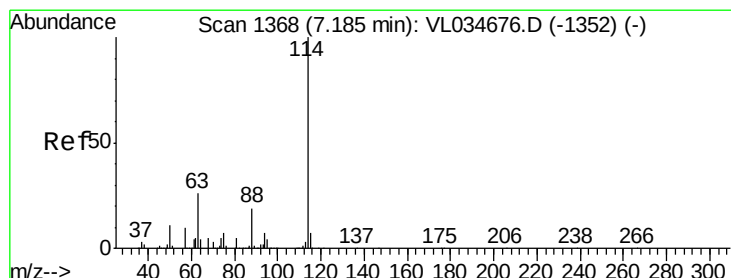


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

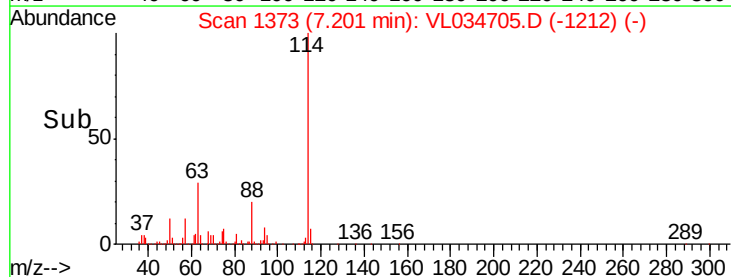
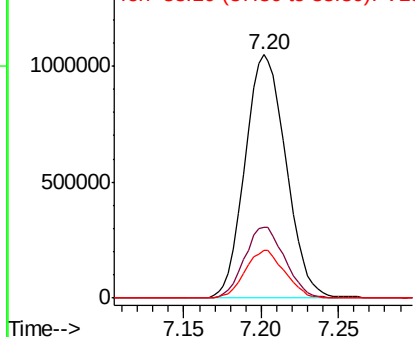


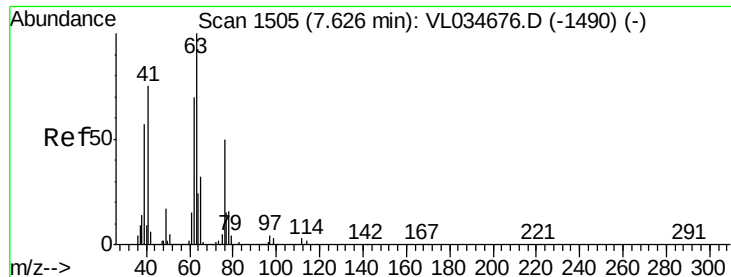
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.02 min
Lab File: VL034705.D
Acq: 27 Feb 2020 11:57

Tgt Ion:	114	Resp:	1934832
Ion	Ratio	Lower	Upper
114	100		
63	28.9	22.9	34.3
88	19.2	15.8	23.6



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: 8.345 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. -0.42 min

Lab File: VL034705.D

Acq: 27 Feb 2020 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABL01

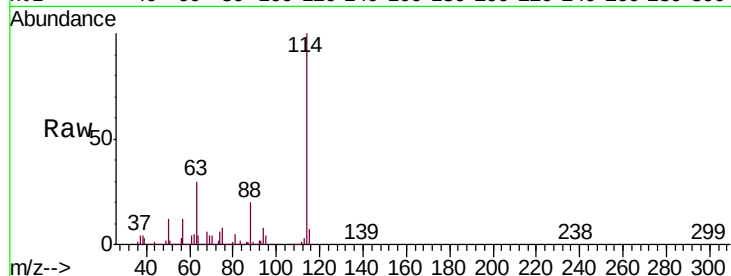
Tgt Ion: 63 Resp: 554792

Ion Ratio Lower Upper

63 100

41 0.1 60.2 90.4#

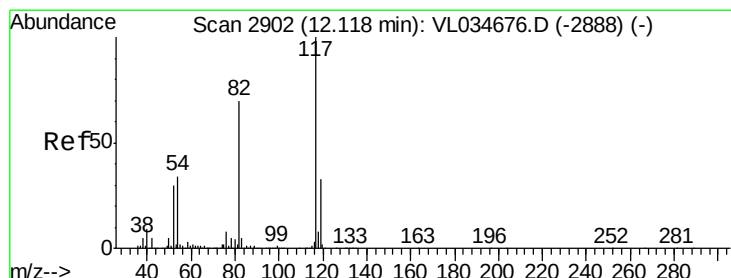
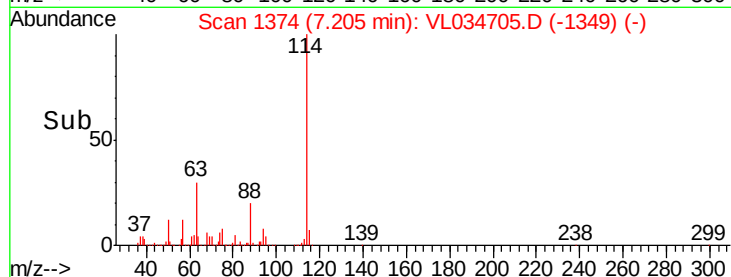
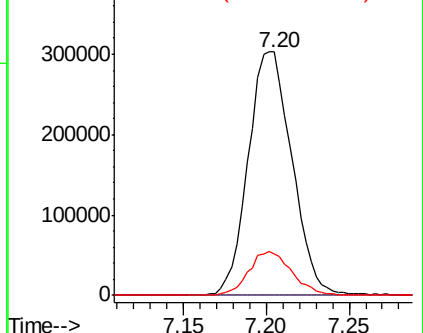
62 17.0 56.3 84.5#



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.02 min

Lab File: VL034705.D

Acq: 27 Feb 2020 11:57

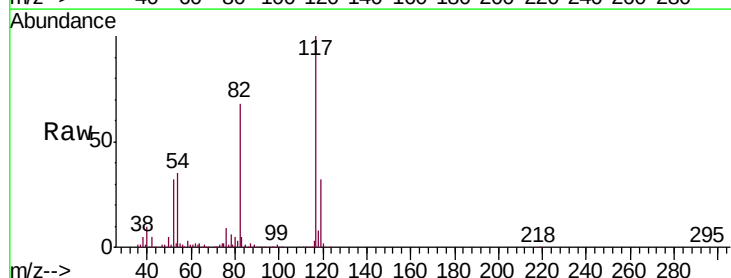
Tgt Ion: 117 Resp: 1882197

Ion Ratio Lower Upper

117 100

82 72.0 54.1 81.1

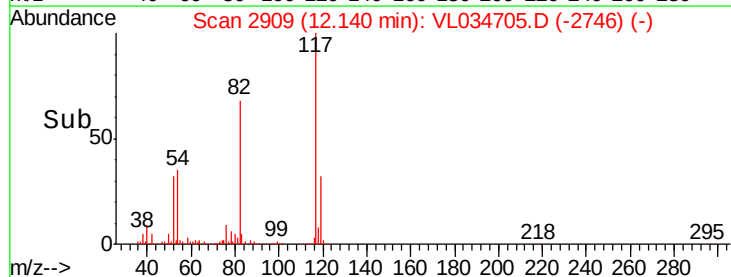
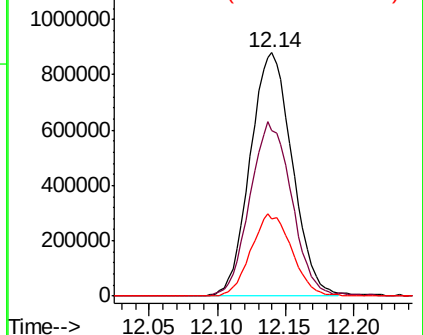
119 33.1 27.6 41.4

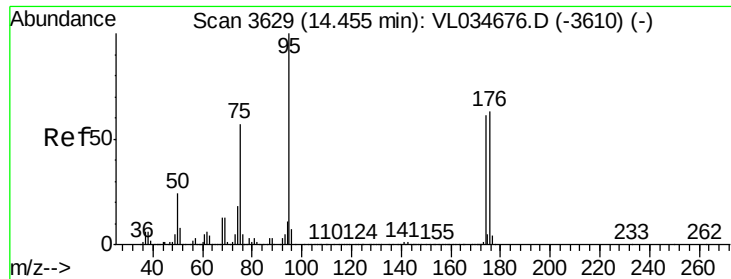


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.413 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. 0.02 min

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Acq: 27 Feb 2020 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABL01

Tgt Ion: 95 Resp: 1607053

Ion Ratio Lower Upper

95 100

174 63.9 50.7 76.1

175 4.5 3.9 5.9

