

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035651.D
 Acq On : 17 Sep 2020 6:07
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: Sep 17 09:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1249989	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5125599	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5050410	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3689823	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	24853	0.180	ppbv	# 27
20) Methylene Chloride	4.34	84	19648	0.191	ppbv	96
52) Tetrachloroethene	11.24	164	16332m	0.084	ppbv	

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

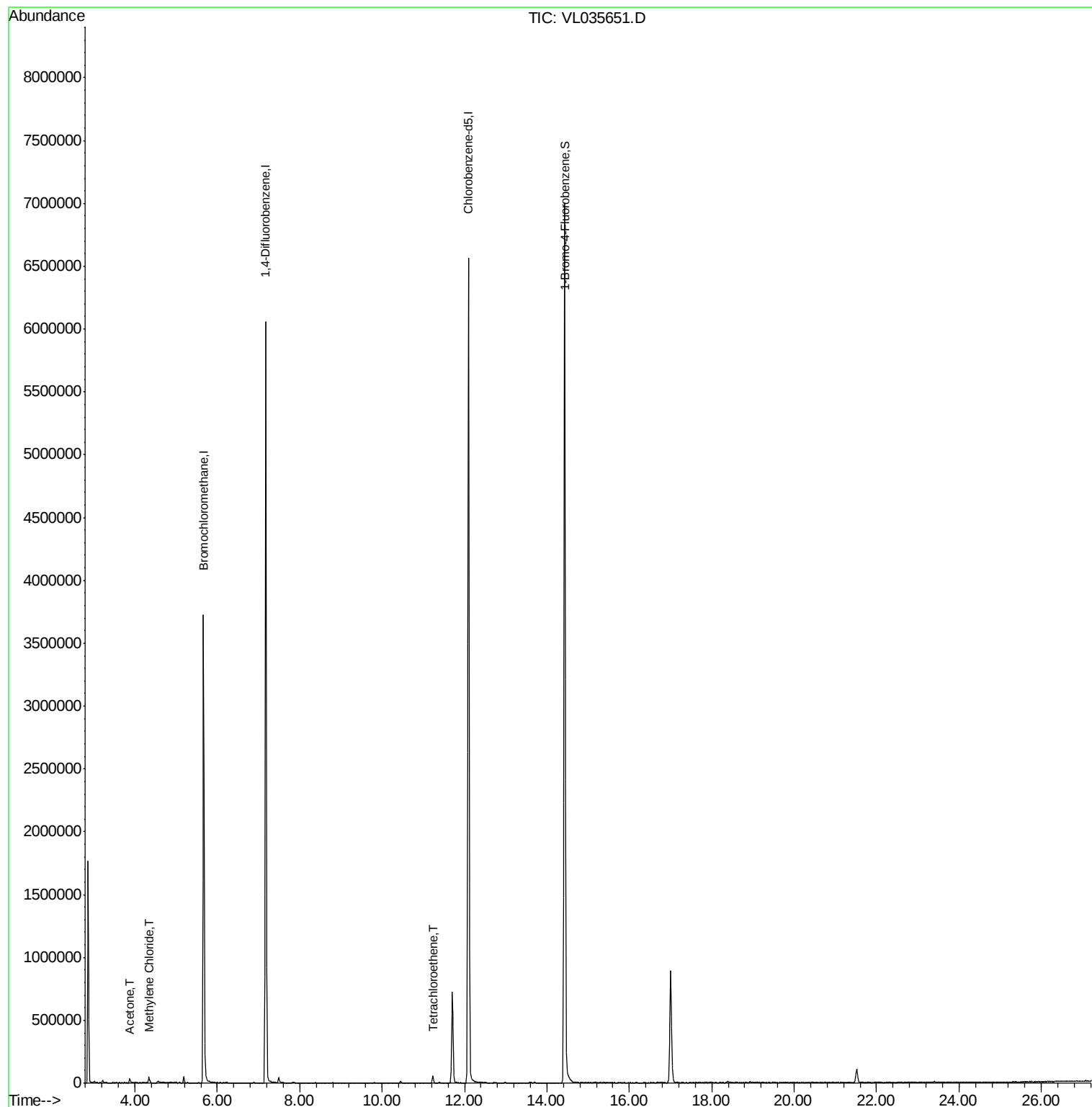
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035651.D

Acq: 17 Sep 2020 6:07

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1249989

Ion Ratio Lower Upper

49 100

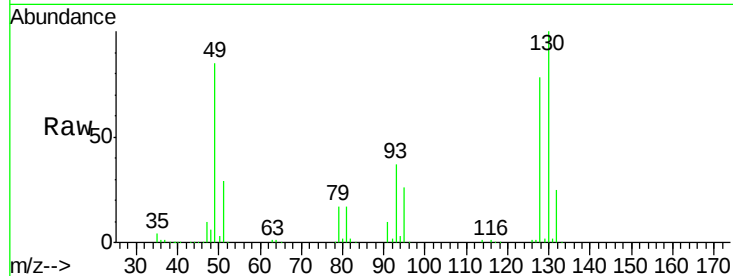
128 92.5 50.0 150.1

130 117.6 64.4 193.2

Manual Integrations
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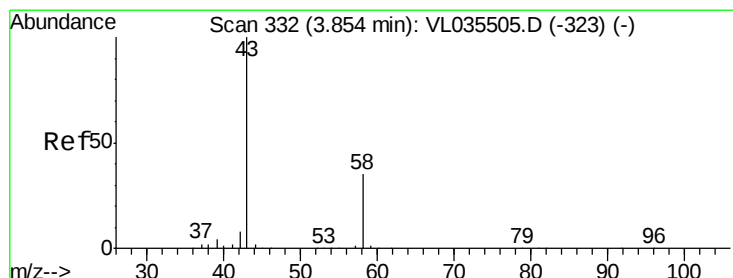
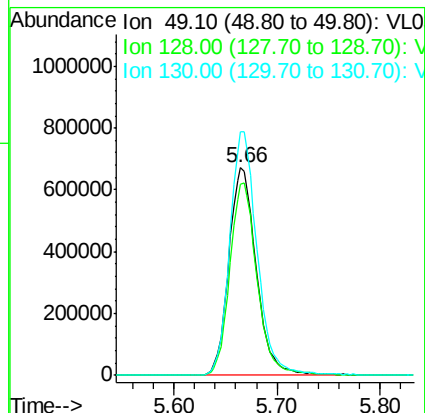
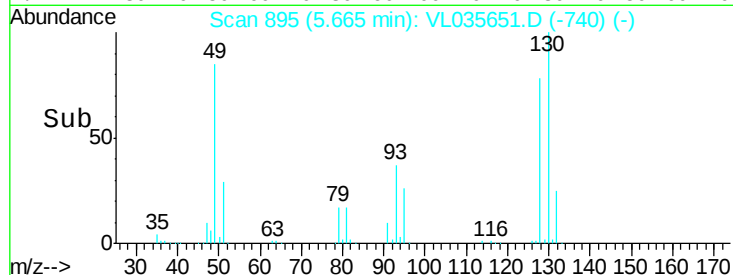
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.180 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.04 min

Lab File: VL035651.D

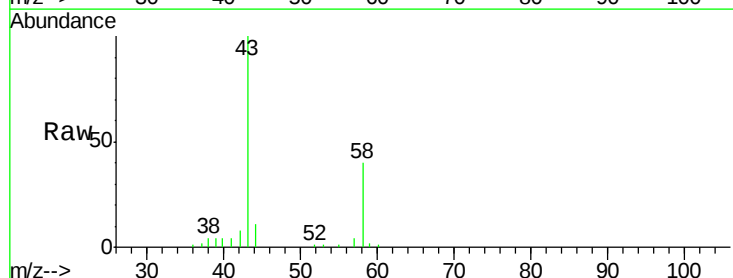
Acq: 17 Sep 2020 6:07

Tgt Ion: 43 Resp: 24853

Ion Ratio Lower Upper

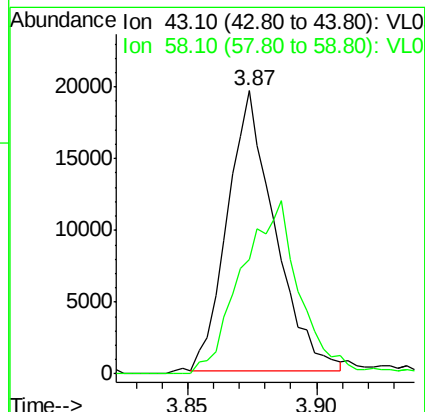
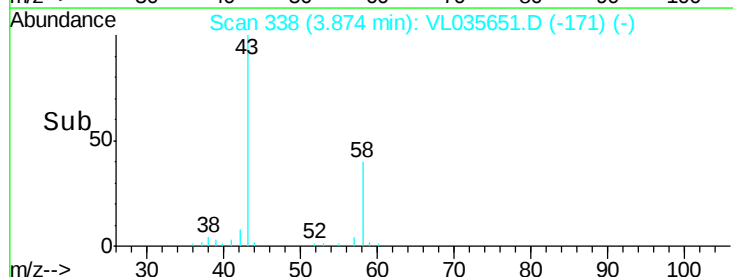
43 100

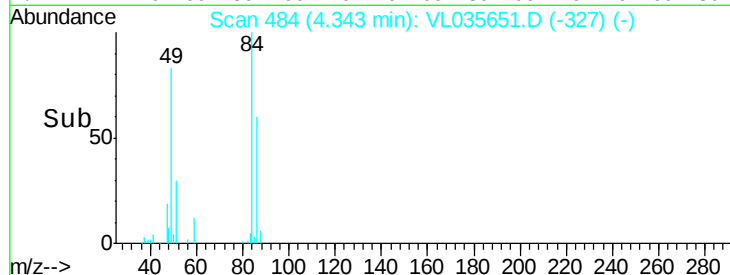
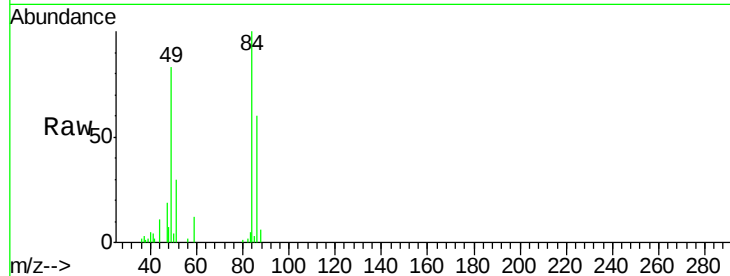
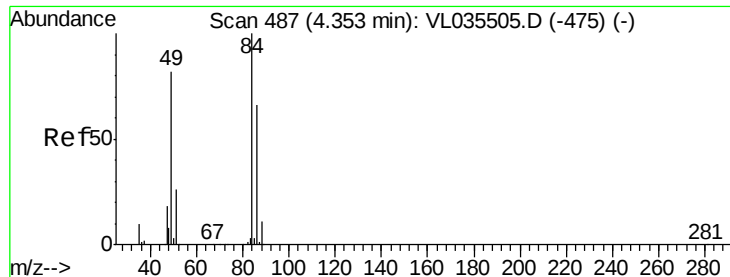
58 77.9 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





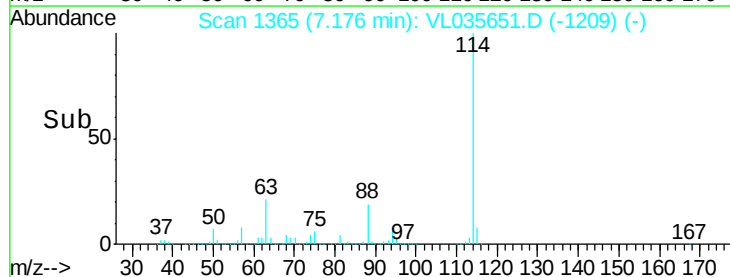
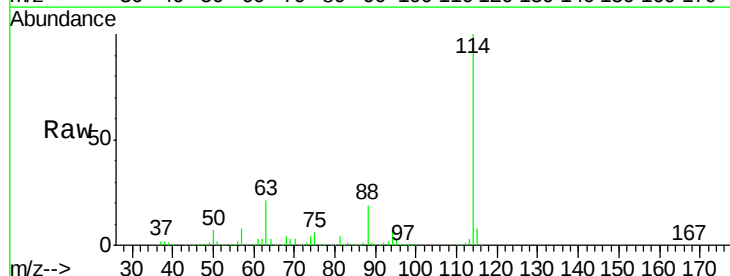
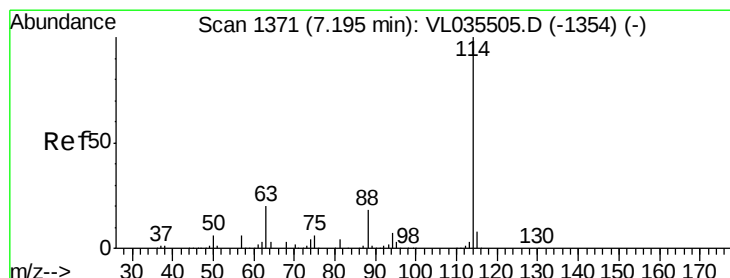
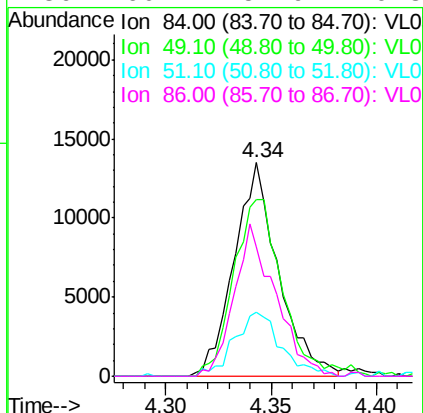
#20
Methvlene Chloride
Concen: 0.191 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL035651.D
Acq: 17 Sep 2020 6:07

Tot Ion	84	Resp	19648
Ion Ratio	Lower	Upper	
84	100		
49	82.6	65.4	98.0
51	30.1	21.5	32.3
86	60.4	52.9	79.3

Instrument :
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VIBLK

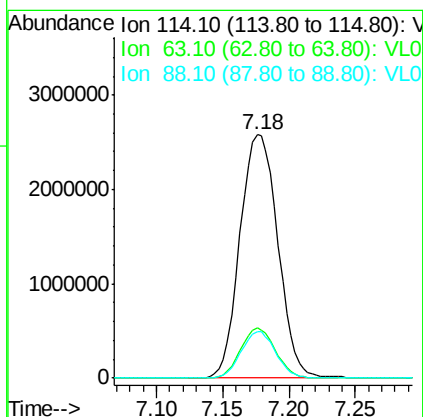
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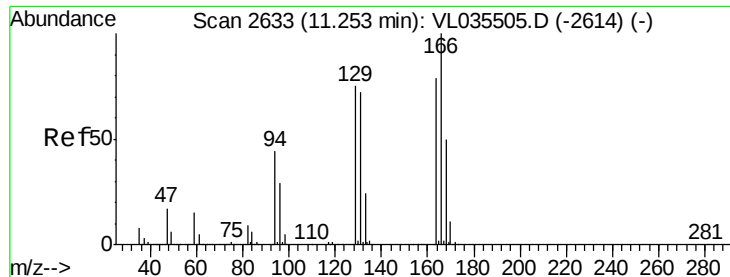
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035651.D
Acq: 17 Sep 2020 6:07

Tgt Ion	114	Resp	5125599
Ion Ratio	Lower	Upper	
114	100		
63	19.0	14.7	22.1
88	17.6	13.4	20.2





#52

Tetrachloroethene

Concen: 0.084 ppbv m

RT: 11.24 min Scan# 2628

Delta R.T. 0.01 min

Lab File: VL035651.D

Acq: 17 Sep 2020 6:07

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion:164 Resp: 16332

Ion Ratio Lower Upper

164 100

166 126.9 100.9 151.3

129 121.3 75.3 112.9#

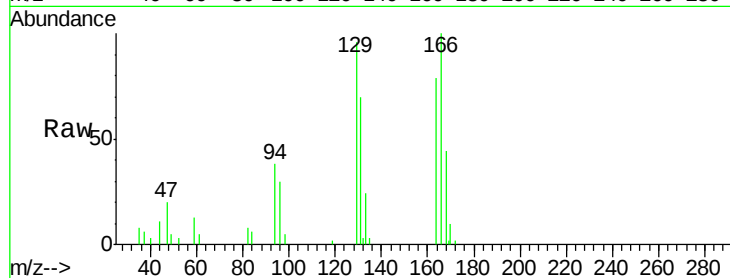
131 88.9 73.0 109.4

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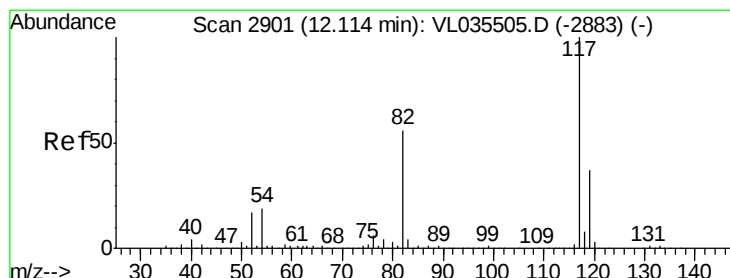
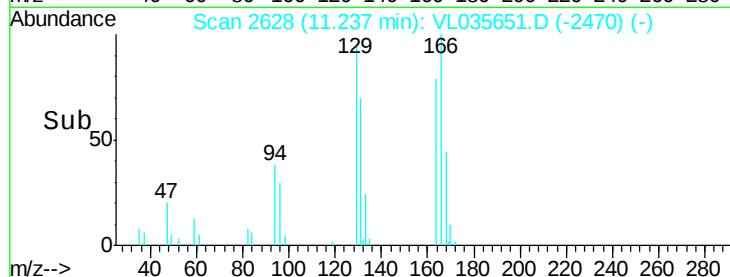
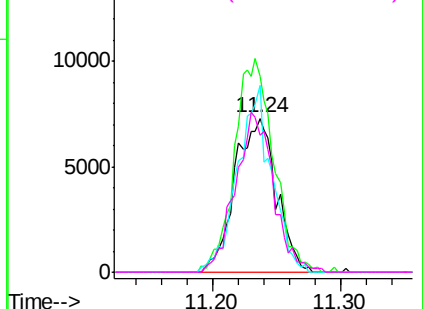


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.10 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VL035651.D

Acq: 17 Sep 2020 6:07

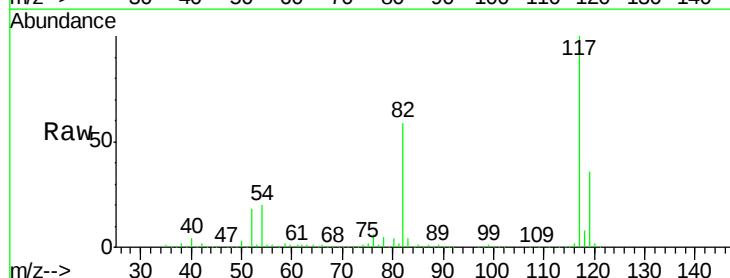
Tgt Ion:117 Resp: 5050410

Ion Ratio Lower Upper

117 100

82 56.6 41.6 62.4

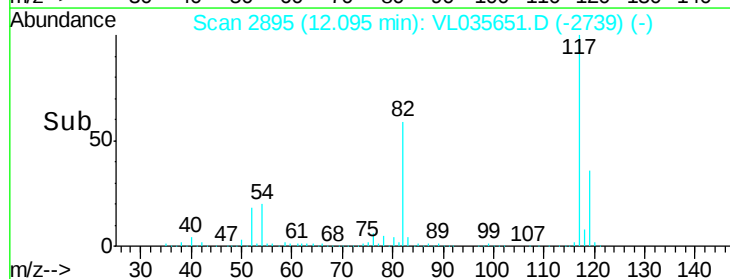
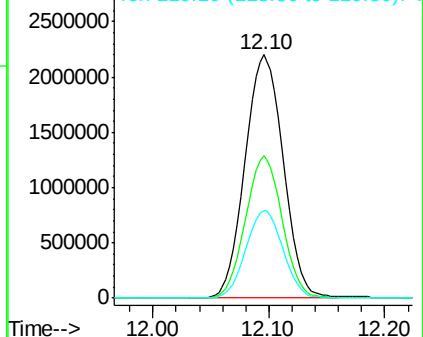
119 35.2 29.3 43.9

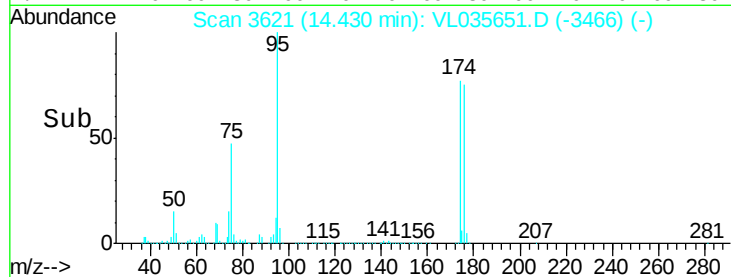
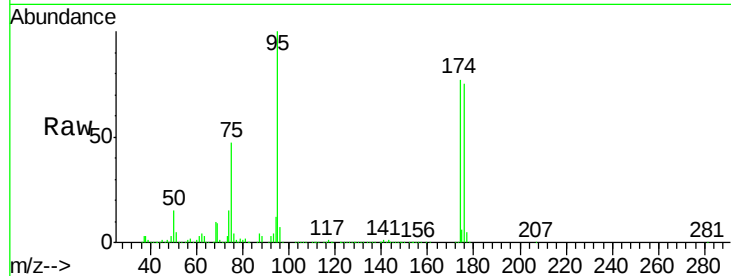
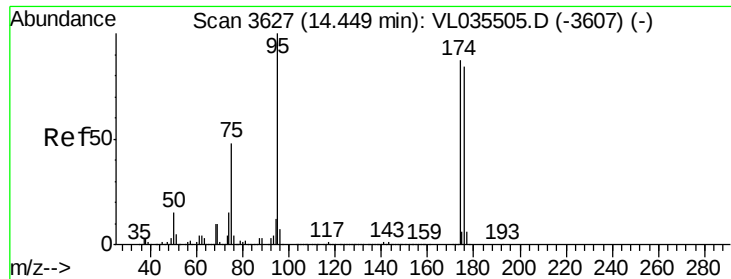


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.288 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.00 min

Lab File: VL035651.D

Acq: 17 Sep 2020 6:07

Tot Ion: 95 Resp: 3689823

Ion Ratio Lower Upper

95 100

174 78.2 69.6 104.4

175 5.6 5.1 7.7

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Manual Integrations

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