

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035675.D
 Acq On : 18 Sep 2020 3:03
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 9/22/2020 2:12:00 PM

Quant Time: Sep 18 05:40:29 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	5.67	49	1128297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4471883	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4374548	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3165822	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	26546	0.213	ppbv	# 47
20) Methylene Chloride	4.35	84	18144	0.196	ppbv	91
52) Tetrachloroethene	11.24	164	11257m	0.067	ppbv	

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

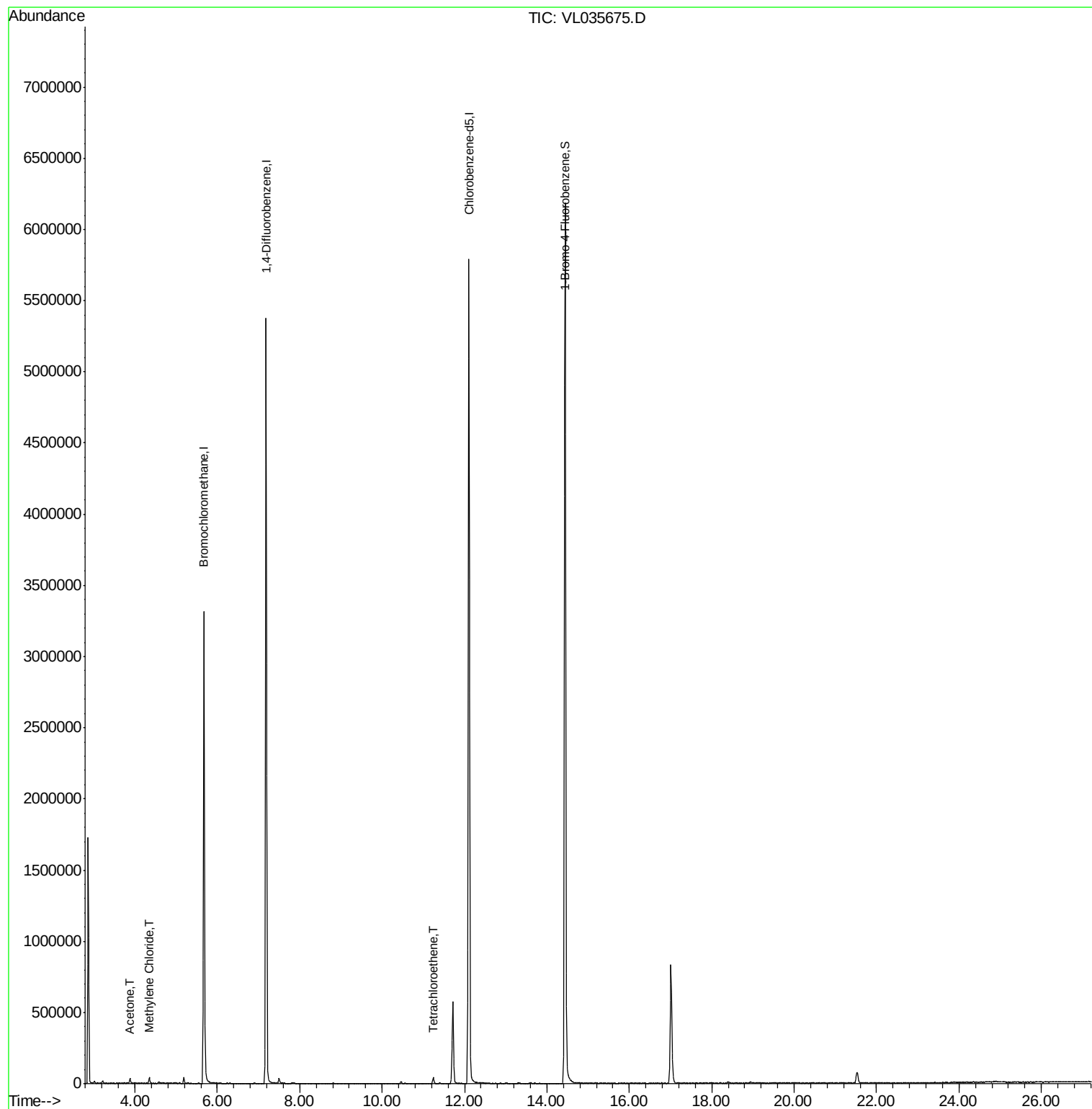
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091720\
Data File : VL035675.D
Acq On : 18 Sep 2020 3:03
Operator : SY/AP
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Misc : 400ml/MSVOA L
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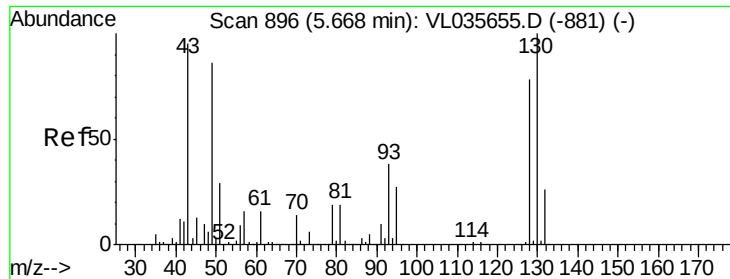
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Sep 18 05:40:29 2020
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: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1128297

Ion Ratio Lower Upper

49 100

128 88.8 50.0 150.1

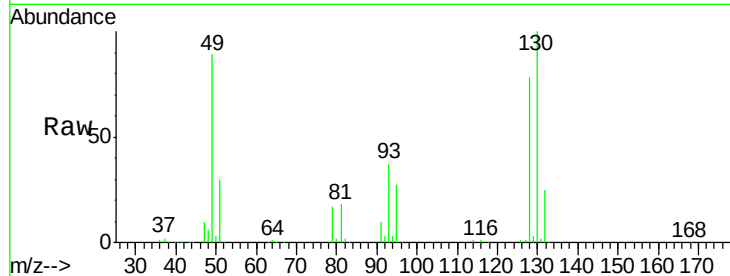
130 113.5 64.4 193.2

Manual Integrations

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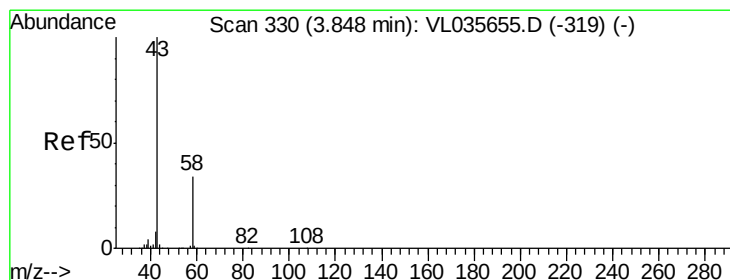
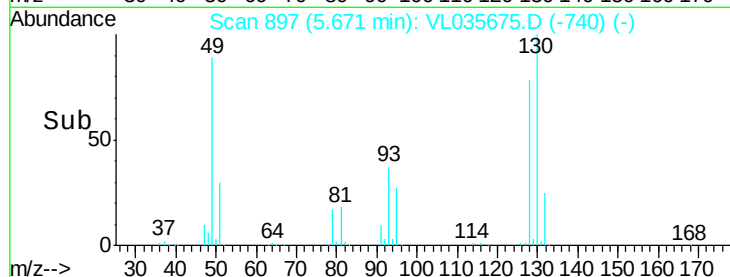
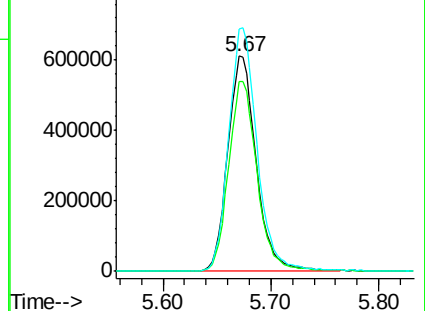
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.213 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL035675.D

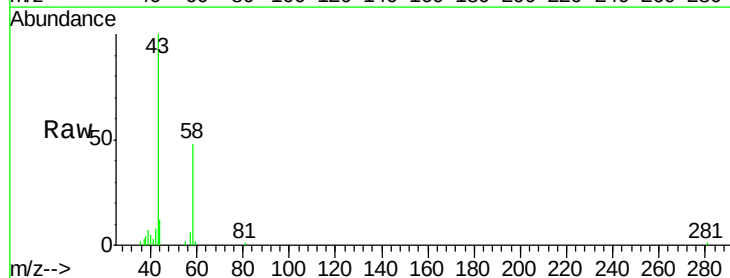
Acq: 18 Sep 2020 3:03

Tgt Ion: 43 Resp: 26546

Ion Ratio Lower Upper

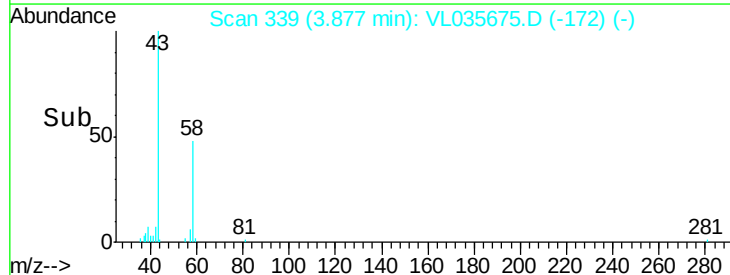
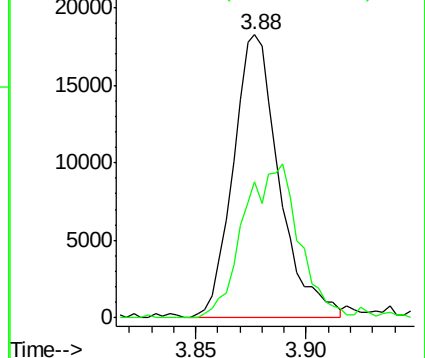
43 100

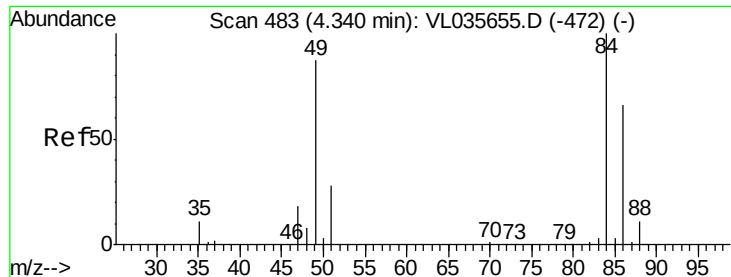
58 66.7 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





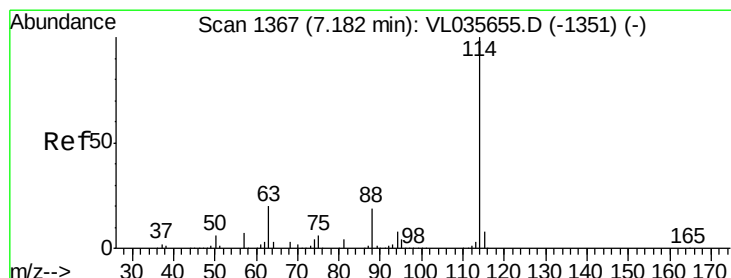
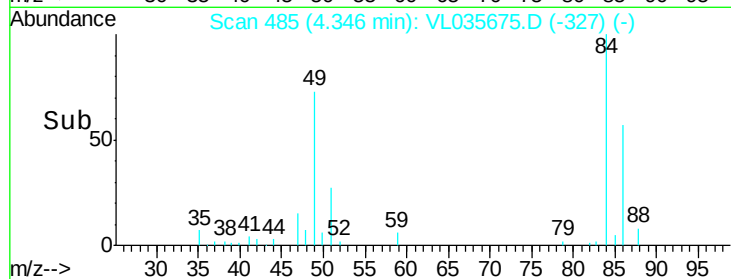
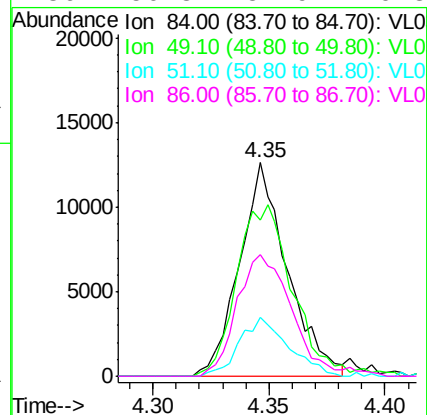
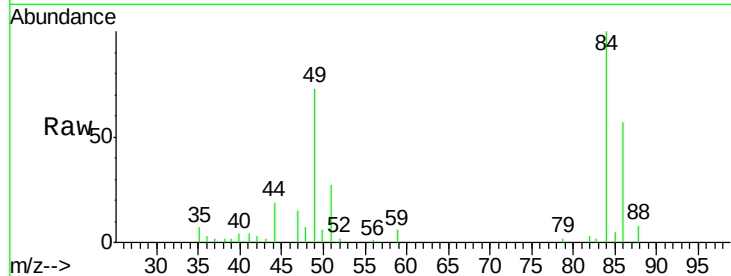
#20
Methylene Chloride
Concen: 0.196 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	84	Resp	18144
Ion	Ratio	Lower	Upper
84	100		
49	72.9	65.4	98.0
51	27.3	21.5	32.3
86	56.8	52.9	79.3

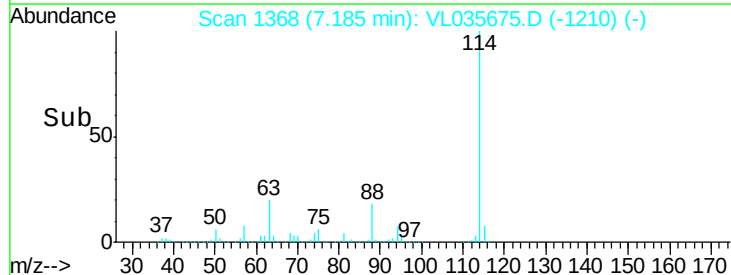
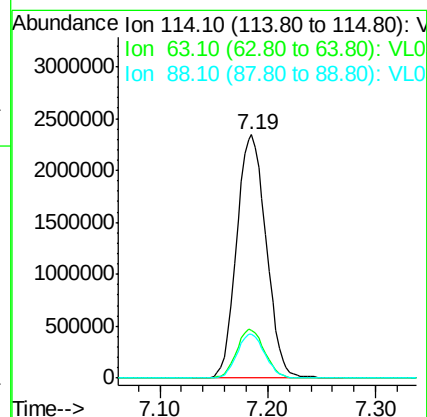
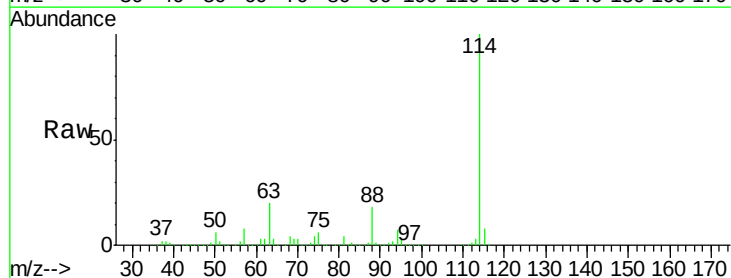
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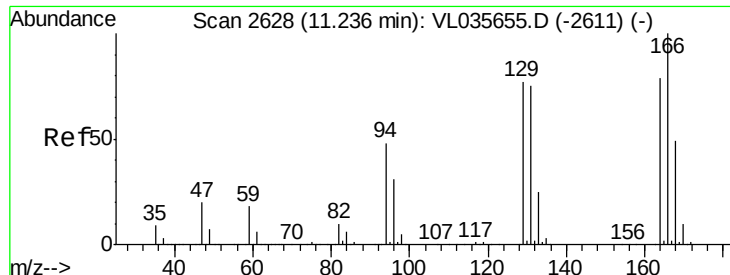
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

Tgt Ion	114	Resp	4471883
Ion	Ratio	Lower	Upper
114	100		
63	19.1	14.7	22.1
88	17.2	13.4	20.2





#52

Tetrachloroethene

Concen: 0.067 ppbv m

RT: 11.24 min Scan# 2630

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion:164 Resp: 11257

Ion Ratio Lower Upper

164 100

166 132.9 100.9 151.3

129 85.7 75.3 112.9

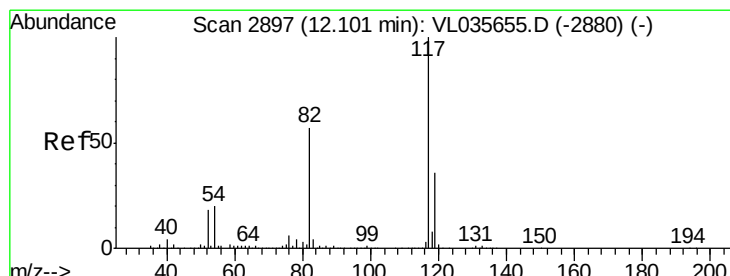
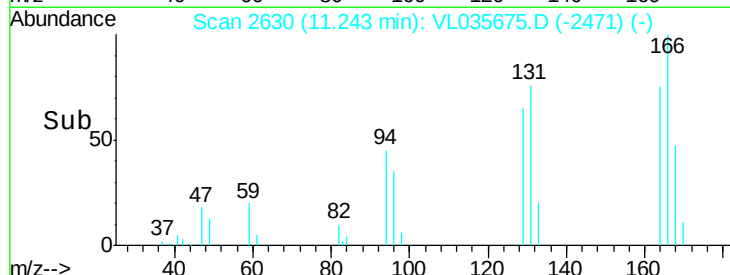
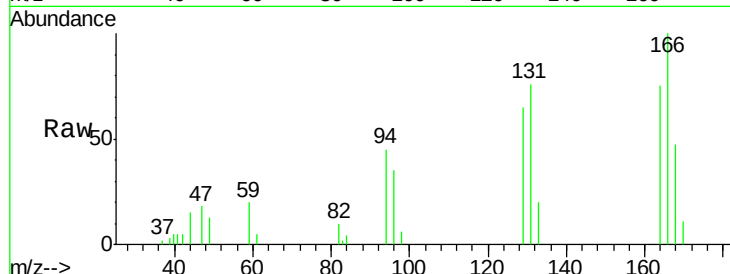
131 100.5 73.0 109.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

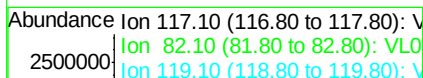
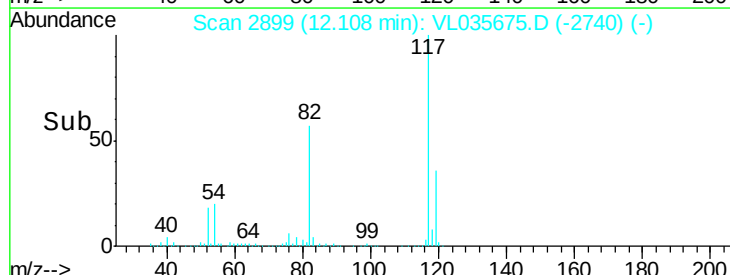
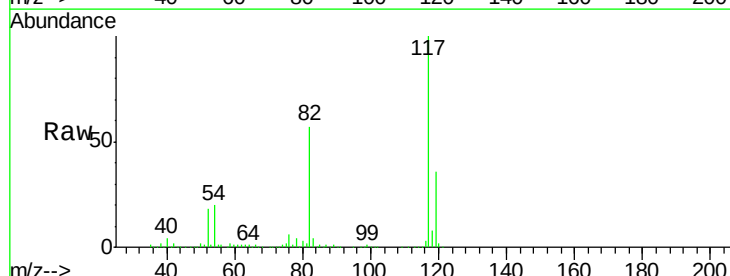
Tgt Ion:117 Resp: 4374548

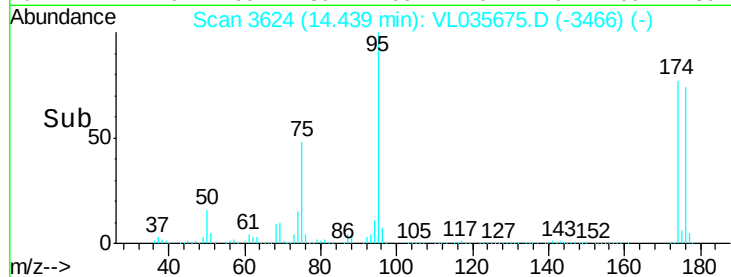
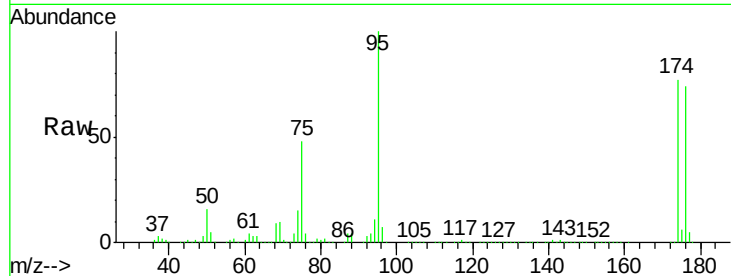
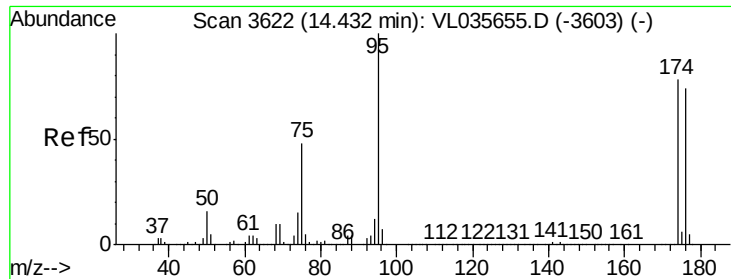
Ion Ratio Lower Upper

117 100

82 56.9 41.6 62.4

119 34.6 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.191 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Tot Ion: 95 Resp: 3165822

Ion Ratio Lower Upper

95 100

174 77.9 69.6 104.4

175 5.6 5.1 7.7

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Manual Integrations

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