

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035698.D
 Acq On : 21 Sep 2020 22:47
 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 22 04:08:33 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 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	5.64	49	955364	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3634513	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	3564071	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2651202	10.47	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	15292	0.145	ppbv	# 40
20) Methylene Chloride	4.32	84	9469	0.121	ppbv	96
52) Tetrachloroethene	11.20	164	4610m	0.034	ppbv	

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

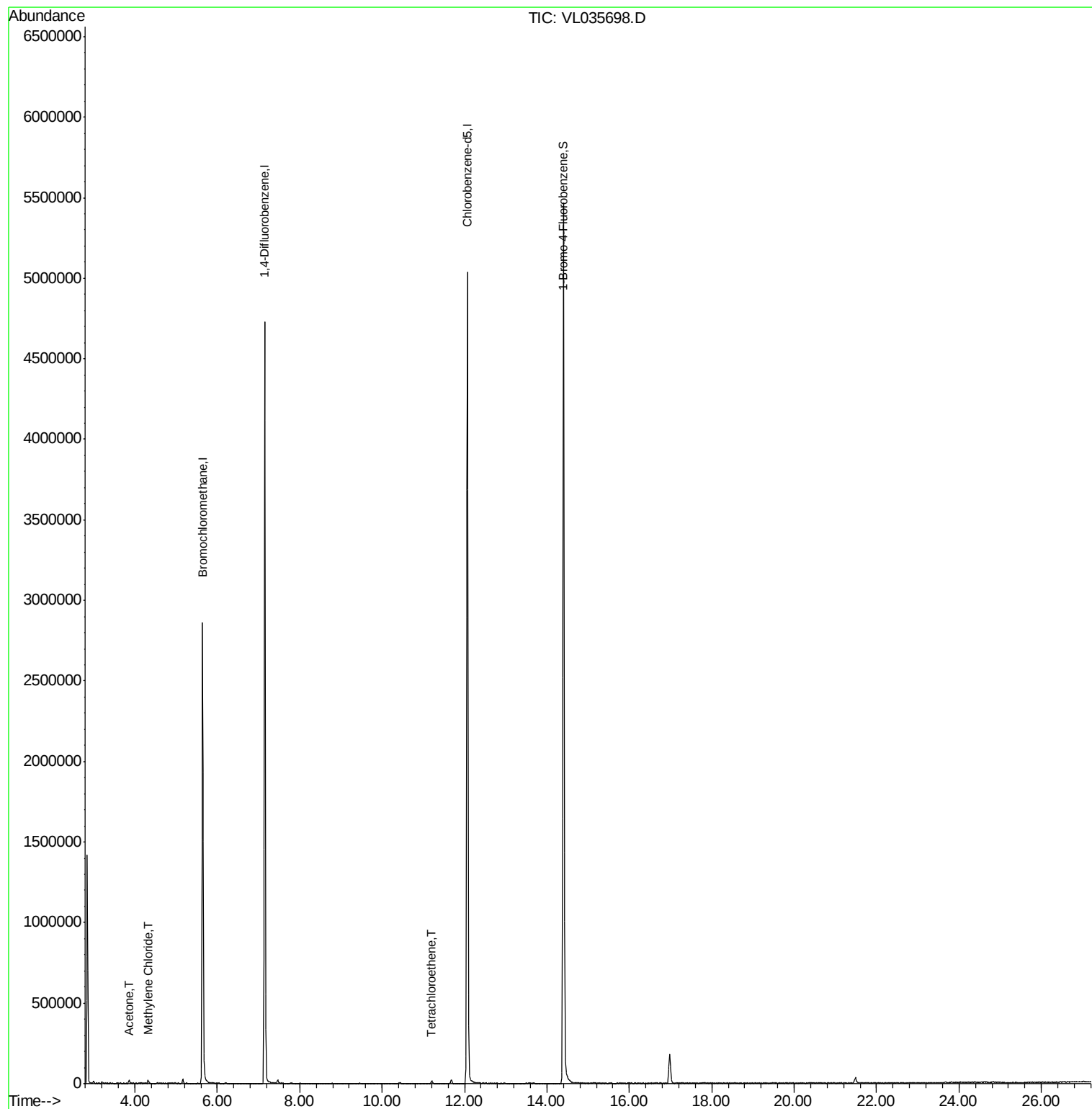
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092120\
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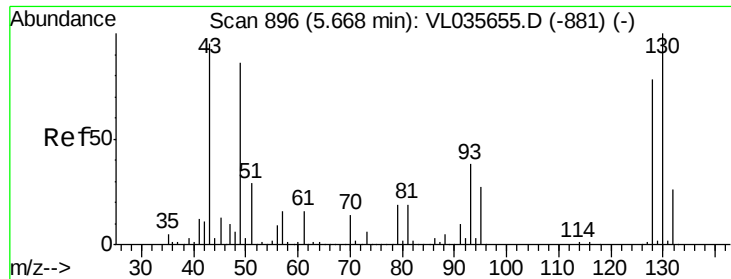
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Sep 22 04:08:33 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
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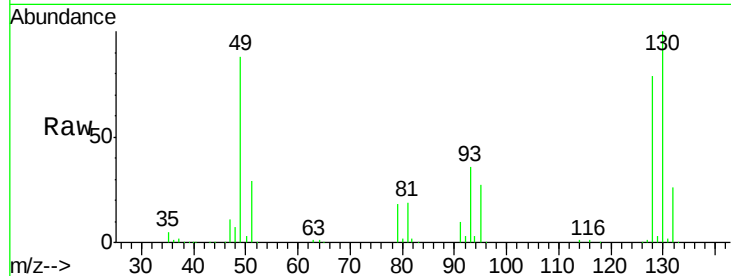
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035698.D
 Acq: 21 Sep 2020 22:47

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

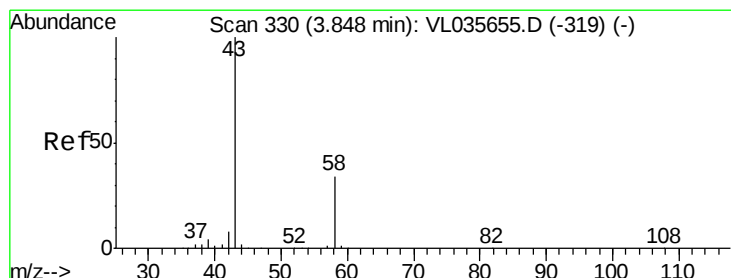
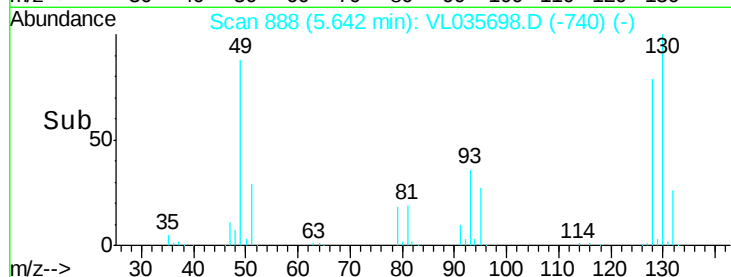
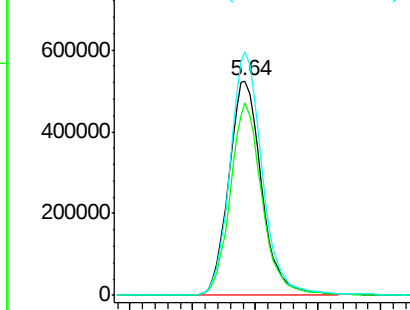
Tot Ion	Ratio	Lower	Upper
49	100		
128	87.1	50.0	150.1
130	111.4	64.4	193.2

Manual Integrations
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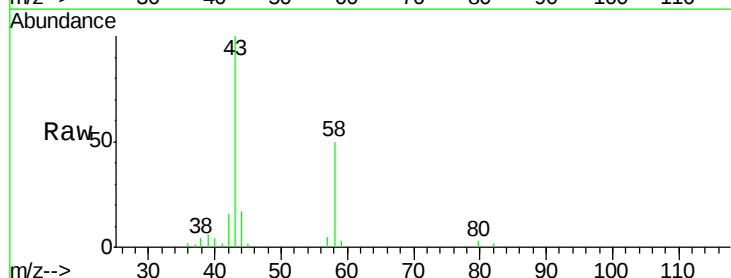


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V

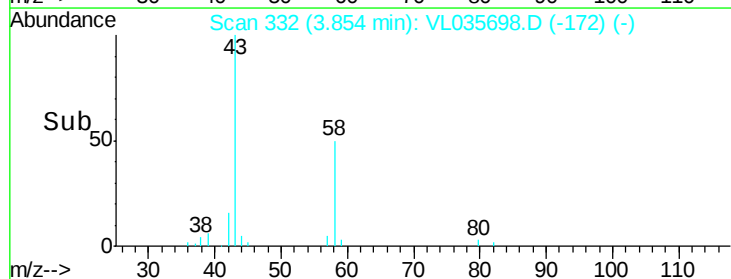
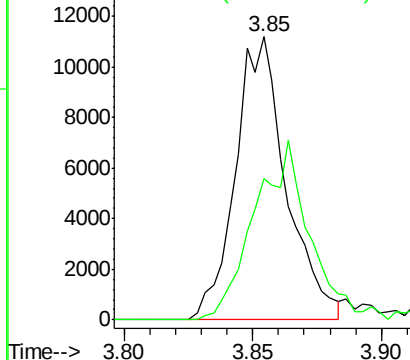


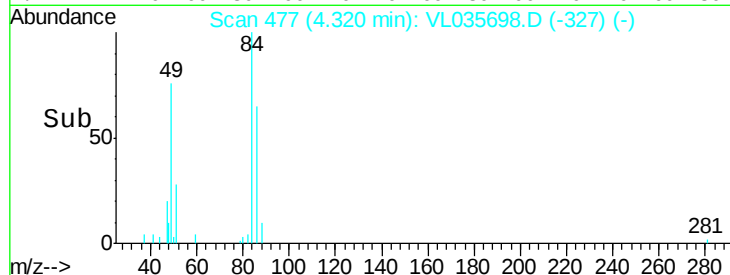
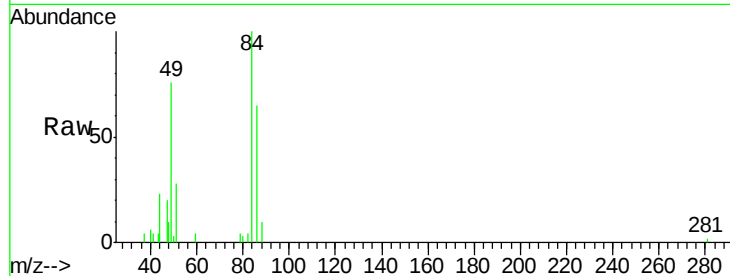
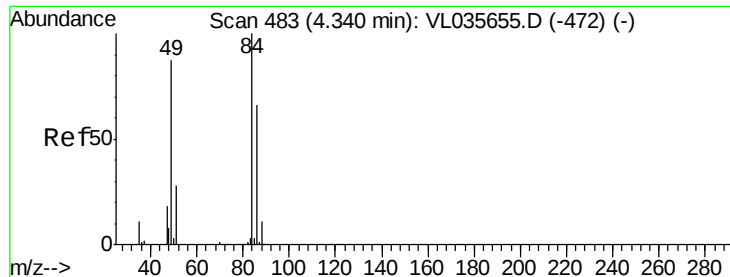
#15
 Acetone
 Concen: 0.145 ppbv
 RT: 3.85 min Scan# 332
 Delta R.T. 0.02 min
 Lab File: VL035698.D
 Acq: 21 Sep 2020 22:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	70.8	28.4	42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0





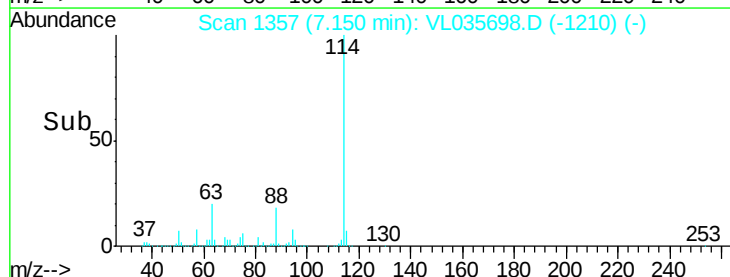
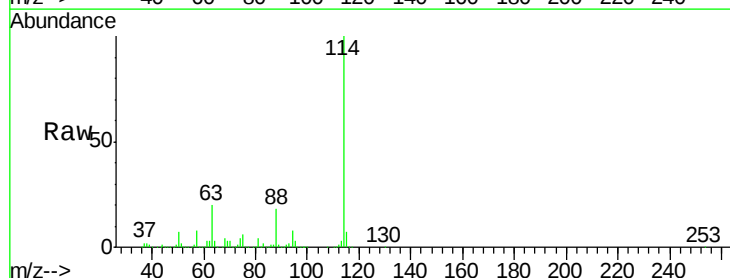
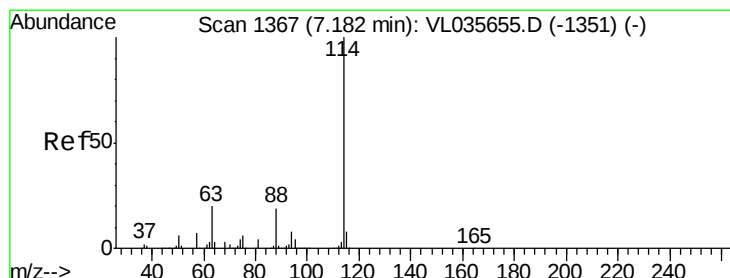
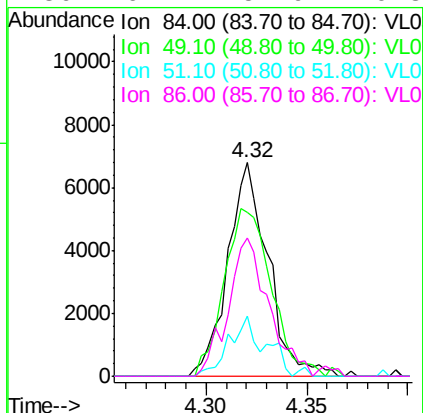
#20
Methvlene Chloride
Concen: 0.121 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035698.D
Acq: 21 Sep 2020 22:47

Tot Ion:	84	Resp:	9469
Ion	Ratio	Lower	Upper
84	100		
49	76.5	65.4	98.0
51	28.3	21.5	32.3
86	64.7	52.9	79.3

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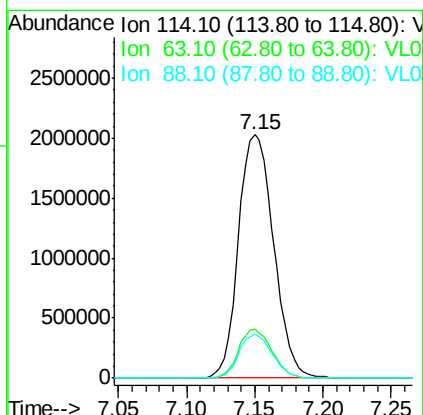
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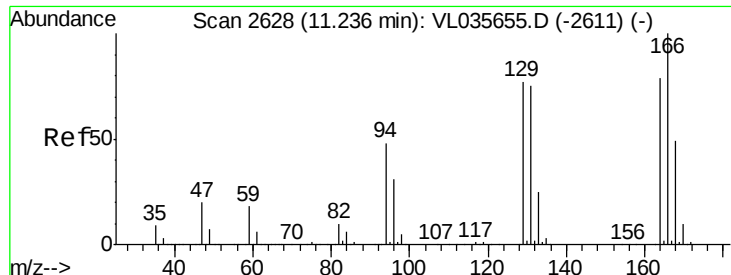
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035698.D
Acq: 21 Sep 2020 22:47

Tgt Ion:	114	Resp:	3634513
Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.7	22.1
88	17.1	13.4	20.2





#52

Tetrachloroethene

Concen: 0.034 ppbv m

RT: 11.20 min Scan# 2616

Delta R.T. -0.03 min

Lab File: VL035698.D

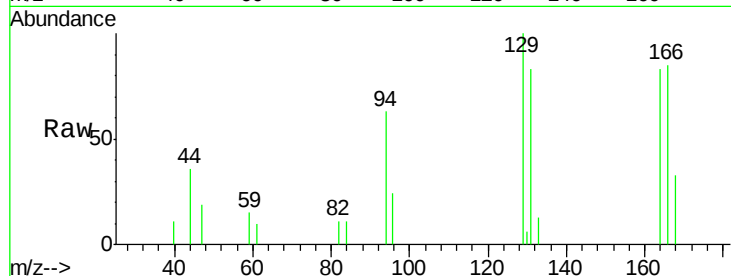
Acq: 21 Sep 2020 22:47

Instrument :

MSVOA_L

ClientSampleId :

VIBLK



Tot Ion:164 Resp: 4610

Ion Ratio Lower Upper

164 100

166 101.7 100.9 151.3

129 119.8 75.3 112.9#

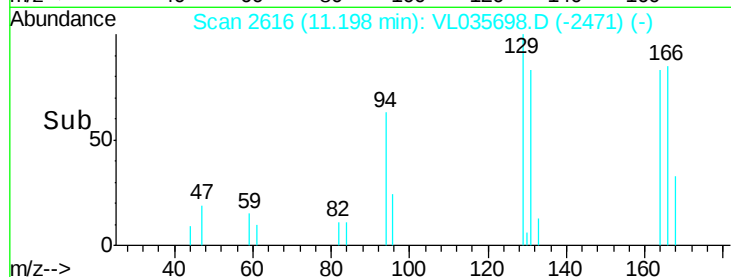
131 99.1 73.0 109.4

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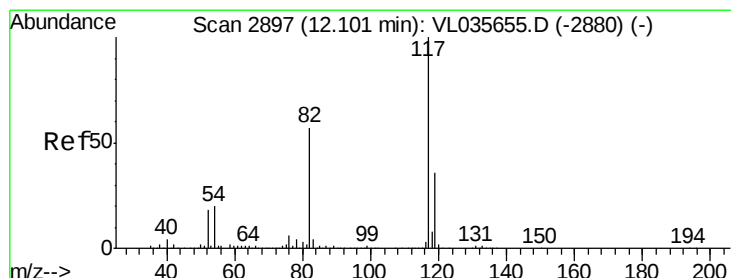
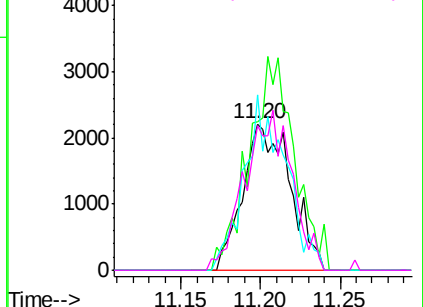


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL035698.D

Acq: 21 Sep 2020 22:47

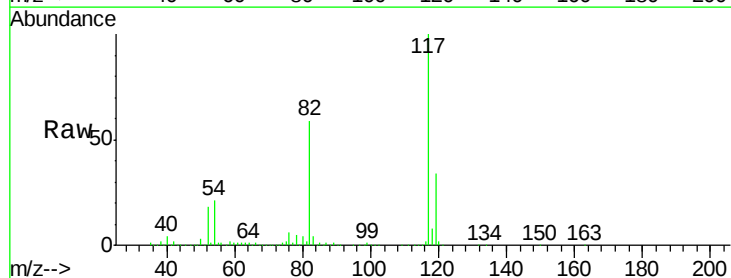
Tgt Ion:117 Resp: 3564071

Ion Ratio Lower Upper

117 100

82 57.7 41.6 62.4

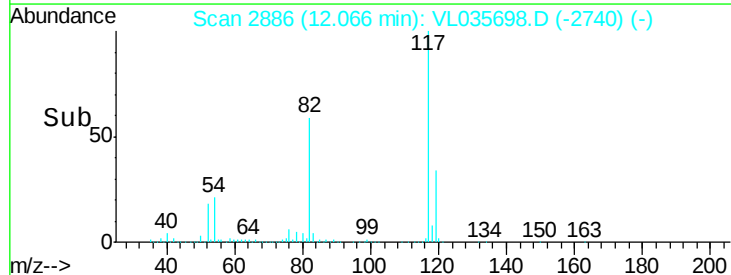
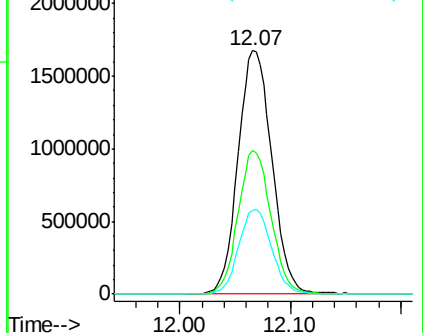
119 34.1 29.3 43.9

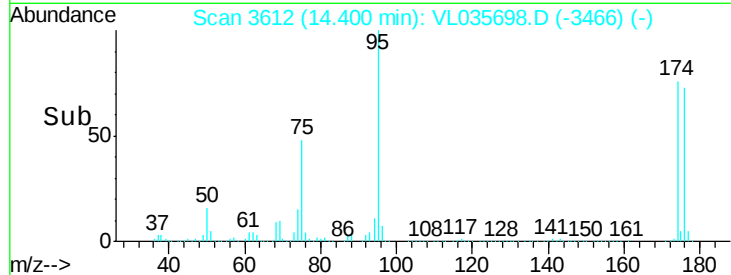
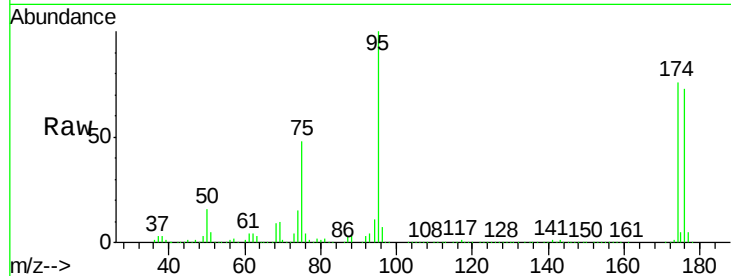
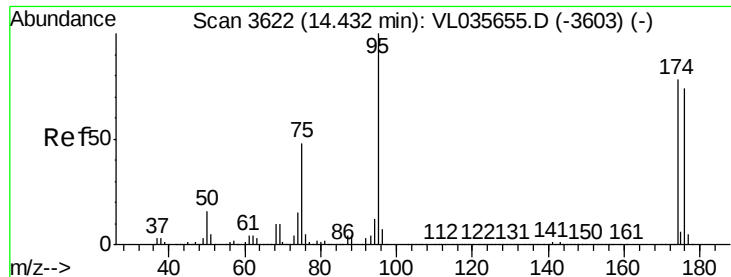


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.475 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.03 min

Lab File: VL035698.D

Acq: 21 Sep 2020 22:47

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2651202

Ion Ratio Lower Upper

95 100

174 77.6 69.6 104.4

175 5.5 5.1 7.7

Manual Integrations

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