

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035701.D
 Acq On : 22 Sep 2020 7:33
 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 09:09:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 22 09:09:50 2020
 QLast Update : Tue Sep 22 01:39:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1041942	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3949869	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3836753	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2829337	10.38	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	20900m	0.182	ppbv	
20) Methylene Chloride	4.33	84	11659	0.136	ppbv #	90
52) Tetrachloroethene	11.22	164	22436	0.150	ppbv	93

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

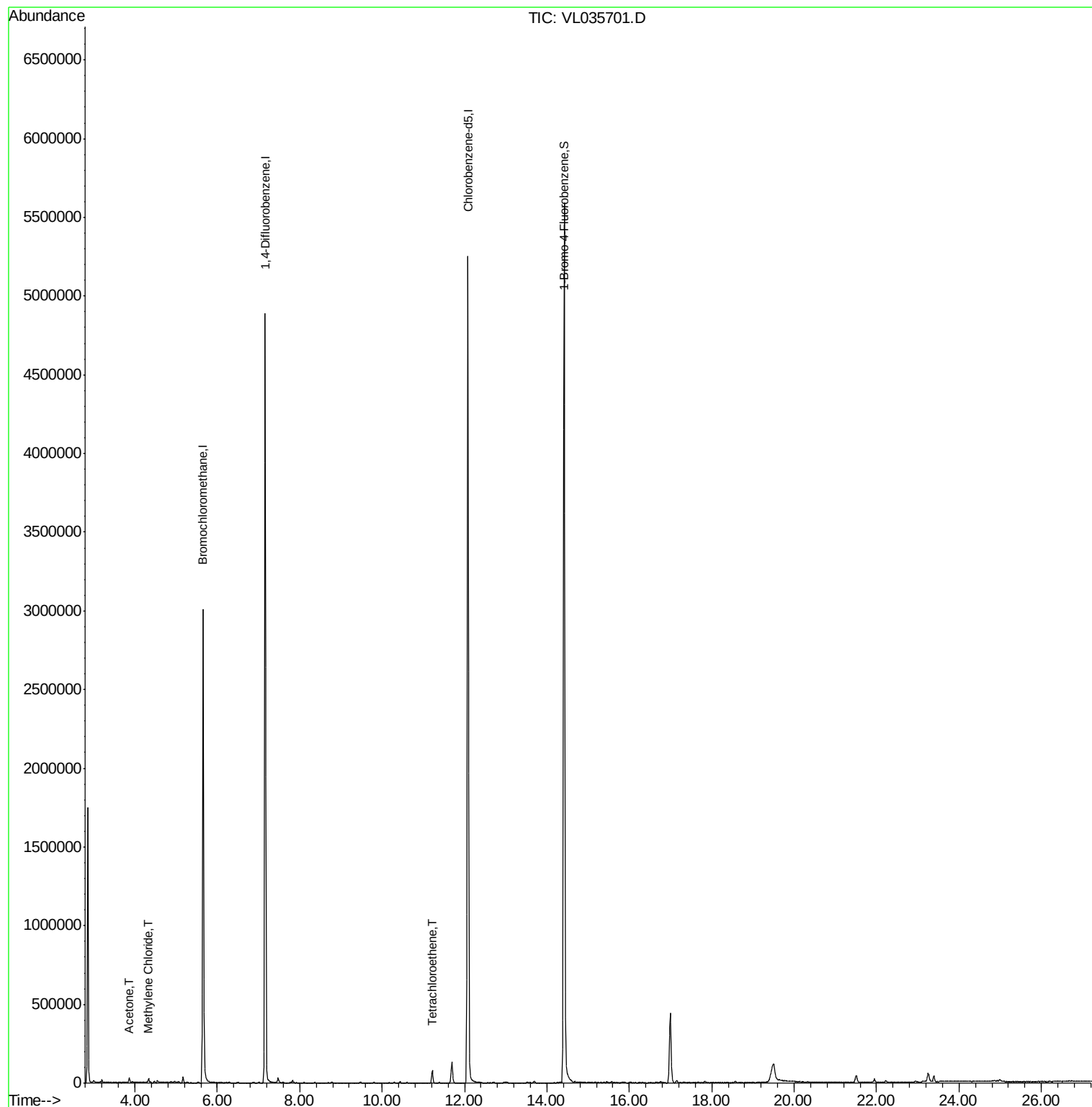
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092120\
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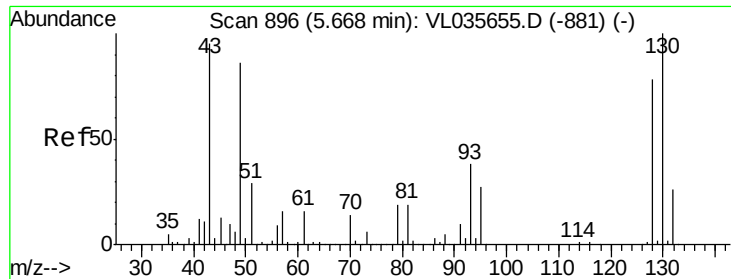
Instrument :
MSVOA_L
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Quant Time: Sep 22 09:09:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep
QLast Update : Tue Sep 22 01:39:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1041942

Ion Ratio Lower Upper

49 100

128 84.8 50.0 150.1

130 109.0 64.4 193.2

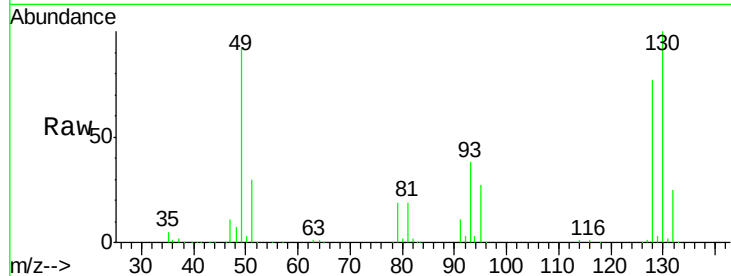
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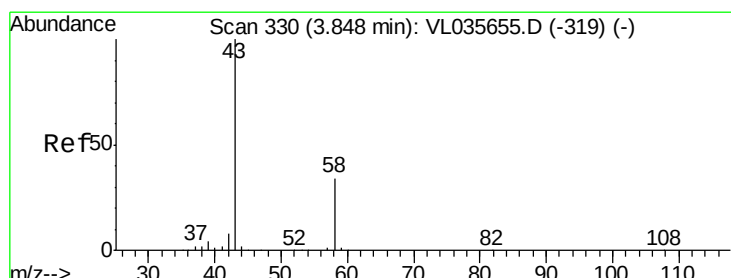
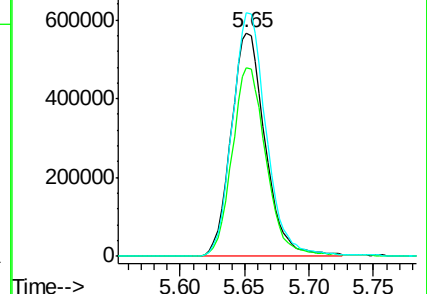
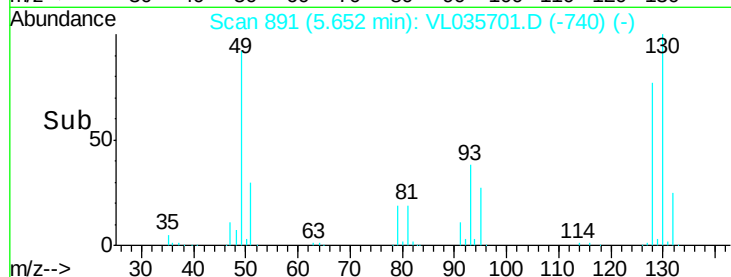
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.182 ppbv m

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035701.D

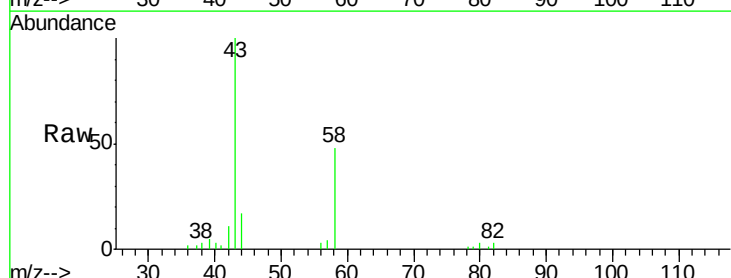
Acq: 22 Sep 2020 7:33

Tgt Ion: 43 Resp: 20900

Ion Ratio Lower Upper

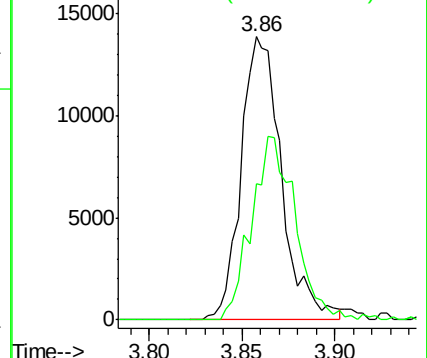
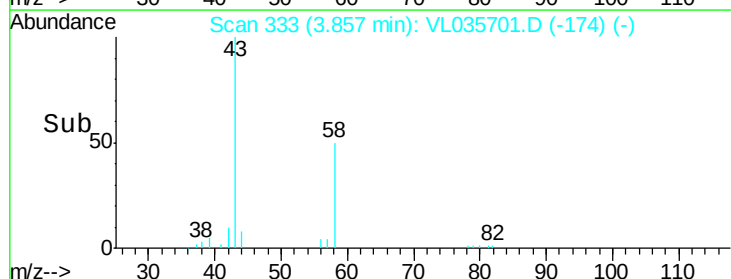
43 100

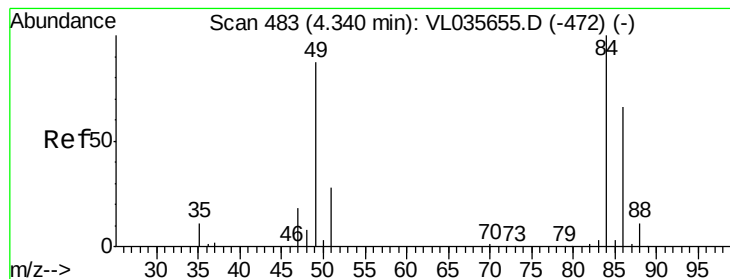
58 70.8 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.136 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.01 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

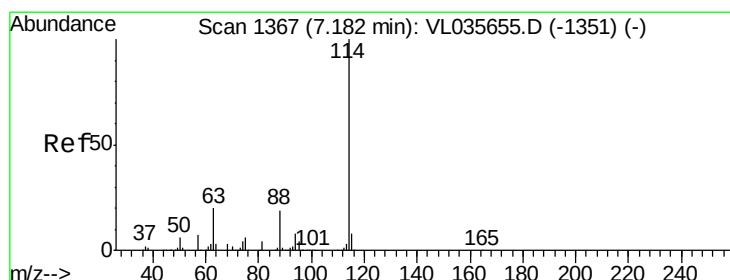
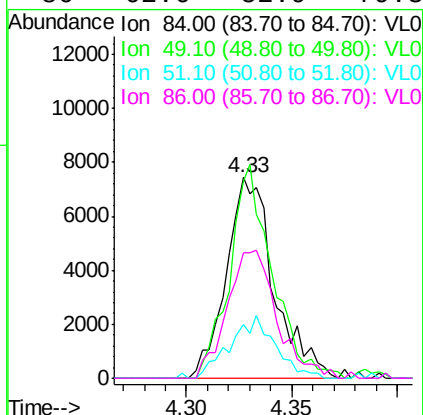
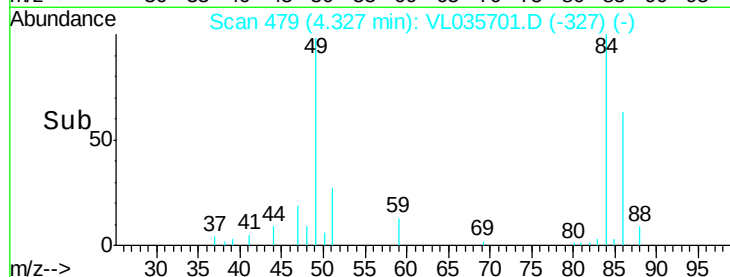
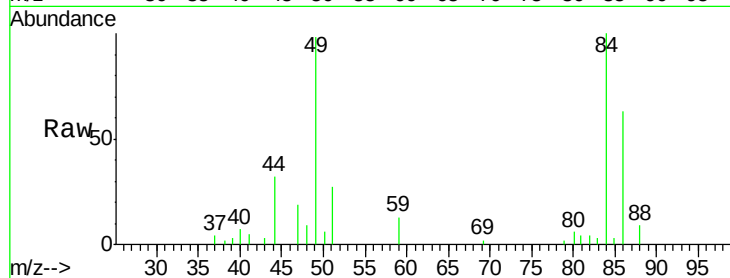
Tot Ion	84	Resp	11659
Ion	Ratio	Lower	Upper
84	100		
49	98.1	65.4	98.0#
51	26.5	21.5	32.3
86	62.6	52.9	79.3

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

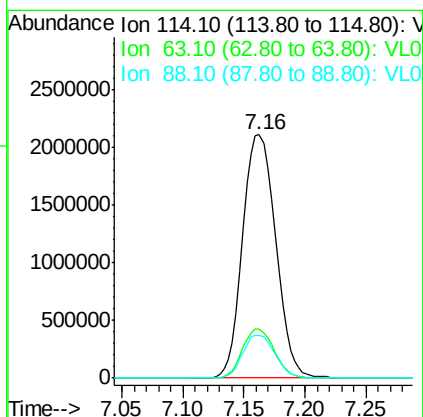
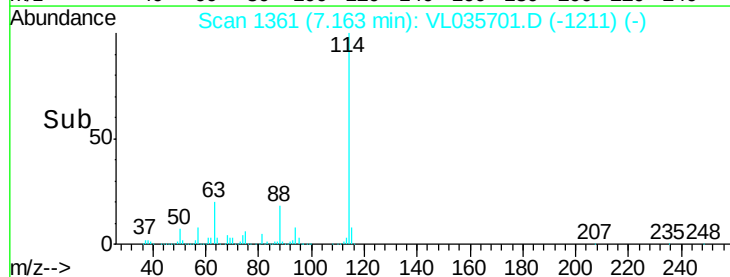
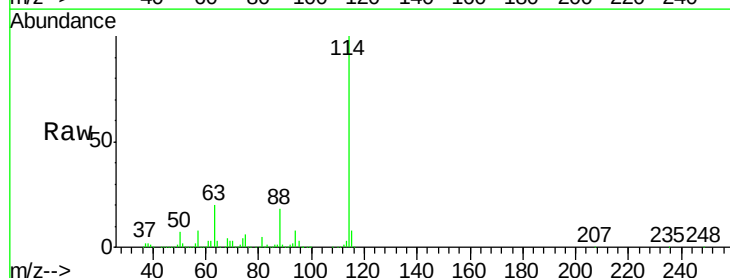
RT: 7.16 min Scan# 1361

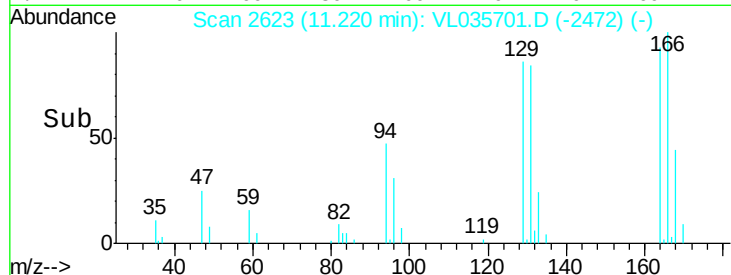
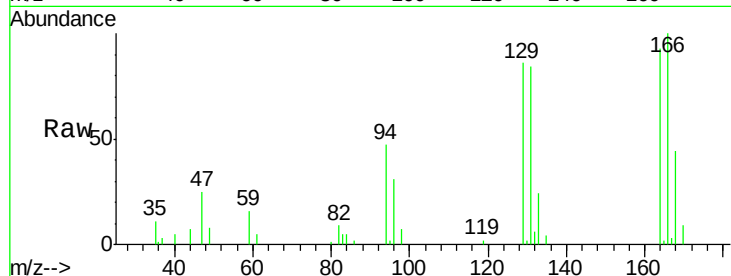
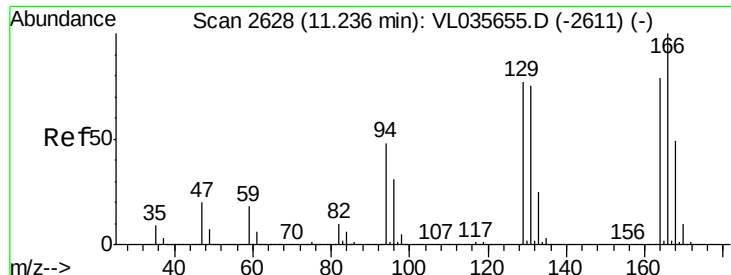
Delta R.T. -0.02 min

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Tgt Ion	114	Resp	3949869
Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.7	22.1
88	17.3	13.4	20.2





#52
Tetrachloroethene
Concen: 0.150 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.02 min
Lab File: VL035701.D
Acq: 22 Sep 2020 7:33

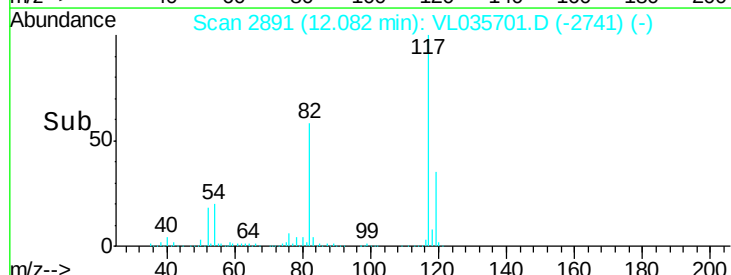
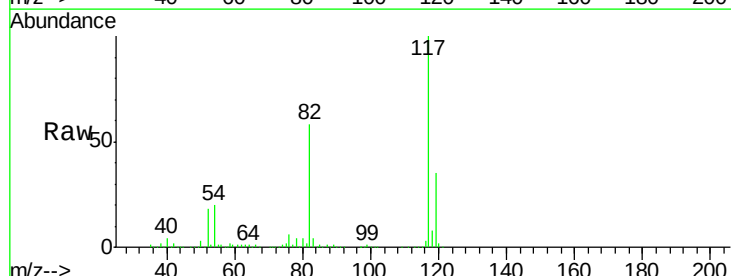
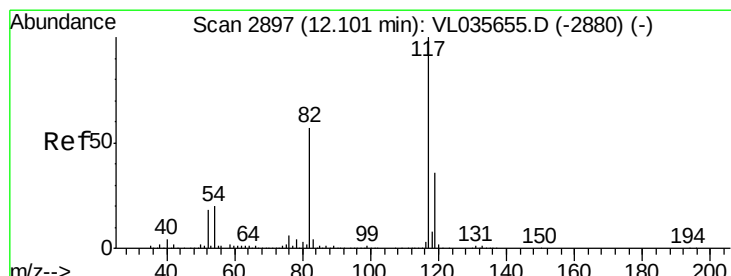
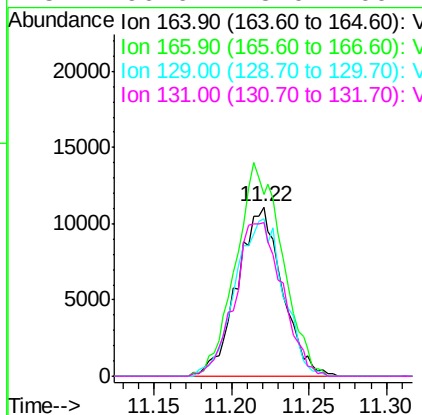
Tot Ion	164	Resp	22436
Ion	Ratio	Lower	Upper
164	100		
166	107.8	100.9	151.3
129	93.1	75.3	112.9
131	90.6	73.0	109.4

Instrument :
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ClientSampled :
VIBLK

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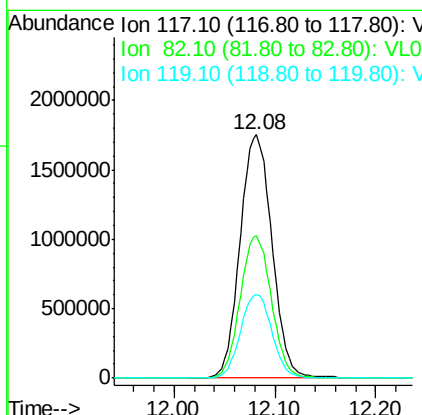
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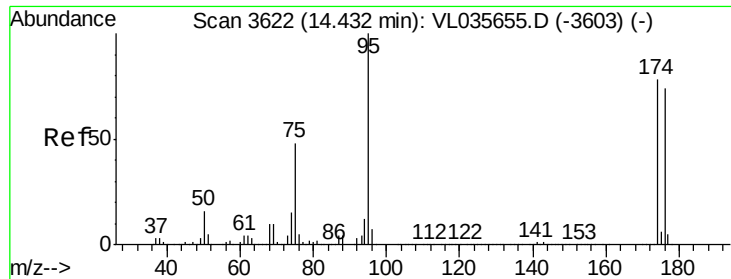
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: VL035701.D
Acq: 22 Sep 2020 7:33

Tgt Ion	117	Resp	3836753
Ion	Ratio	Lower	Upper
117	100		
82	57.7	41.6	62.4
119	34.1	29.3	43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.384 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2829337

Ion Ratio Lower Upper

95 100

174 76.9 69.6 104.4

175 5.5 5.1 7.7

Manual Integrations

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