

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035164.D
 Acq On : 7 Jul 2020 4:37
 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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 7/9/2020 12:01:38 PM

Quant Time: Jul 07 06:38:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	876366	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2112406	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1997504	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1723002	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	22150m	0.209	ppbv	
20) Methylene Chloride	4.32	84	10785m	0.252	ppbv	
27) Carbon Disulfide	4.52	76	53843	0.603	ppbv	95

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

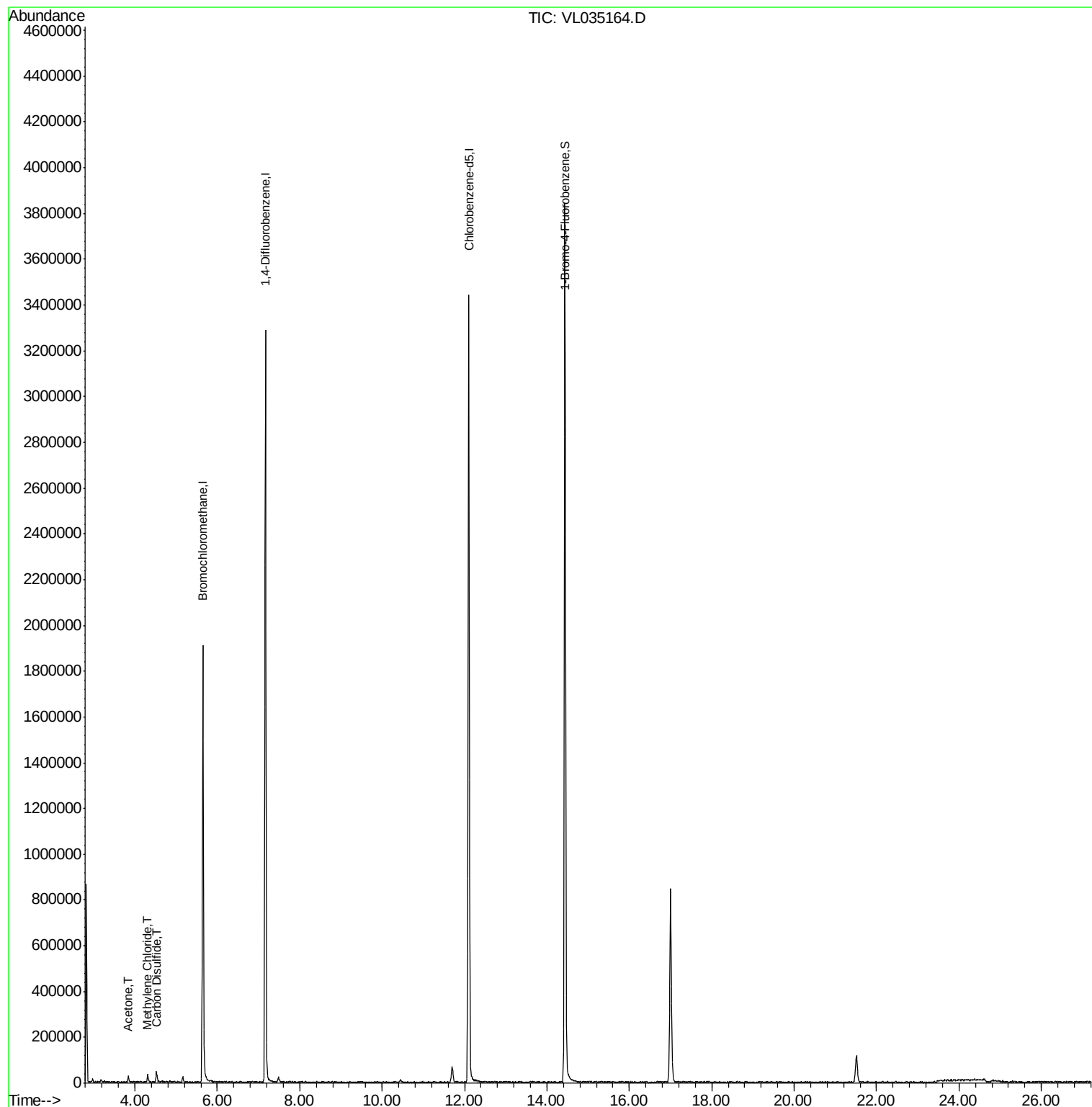
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070620\
Data File : VL035164.D
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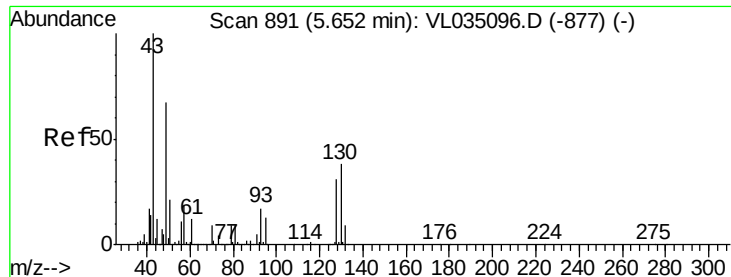
Instrument :
MSVOA_L
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Quant Time: Jul 07 06:38:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035164.D

Acq: 7 Jul 2020 4:37

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 876366

Ion Ratio Lower Upper

49 100

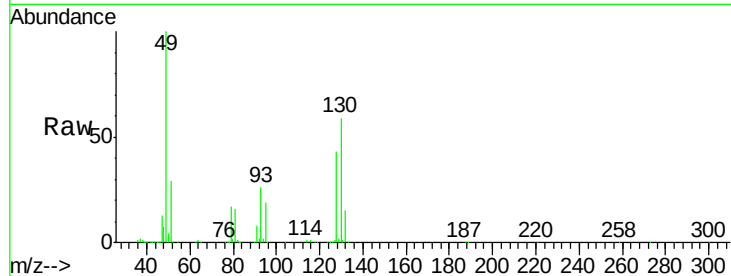
128 47.7 22.9 68.5

130 62.8 29.0 87.0

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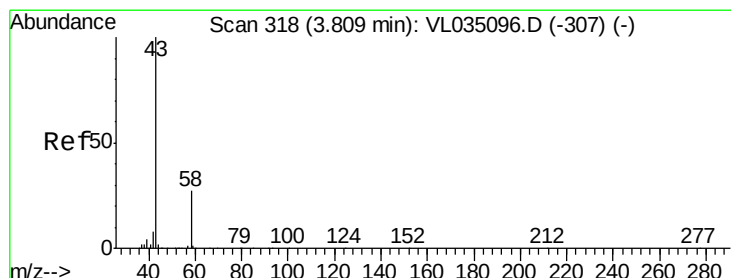
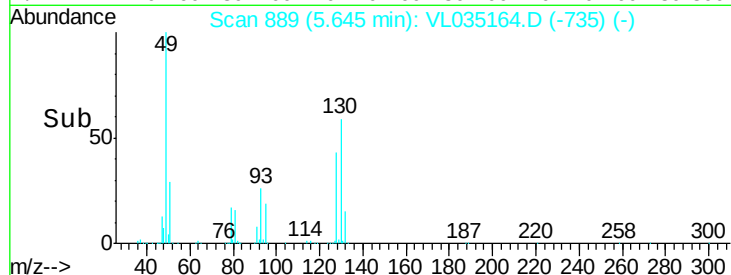
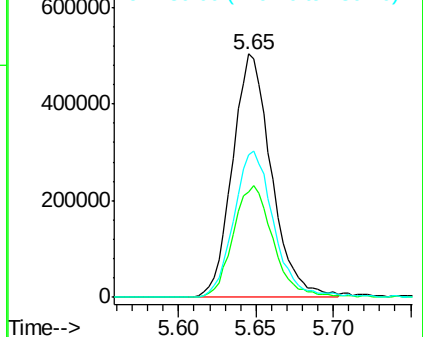
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.209 ppbv m

RT: 3.83 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035164.D

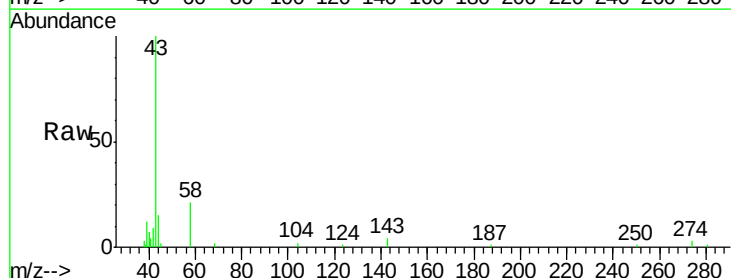
Acq: 7 Jul 2020 4:37

Tgt Ion: 43 Resp: 22150

Ion Ratio Lower Upper

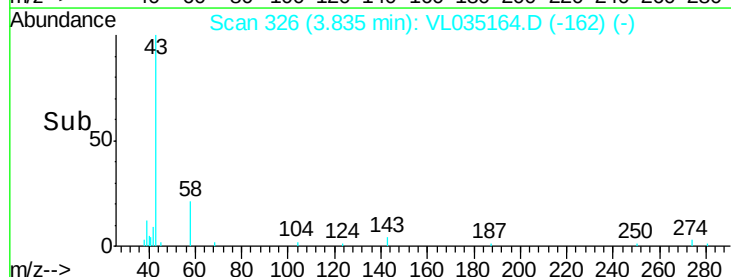
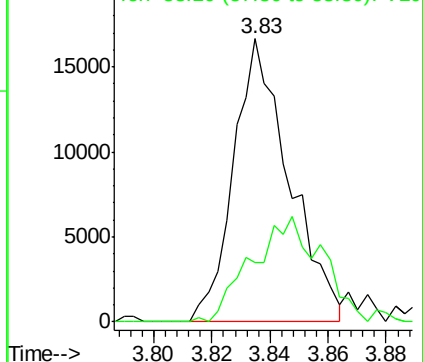
43 100

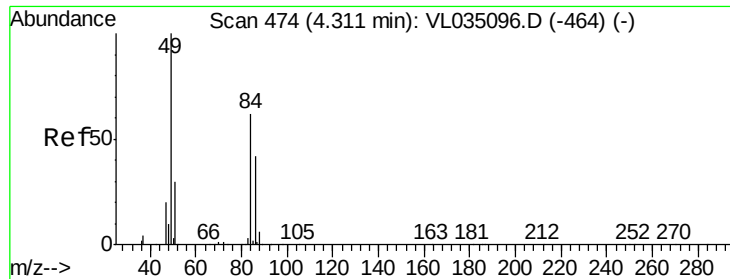
58 0.0 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





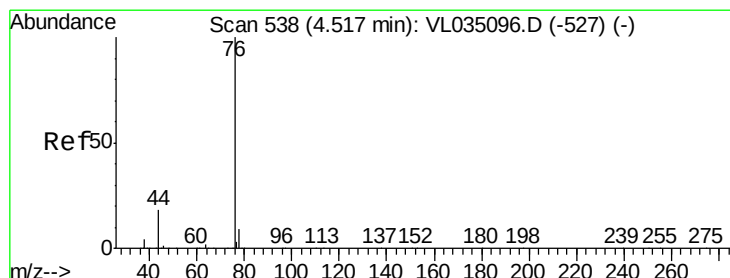
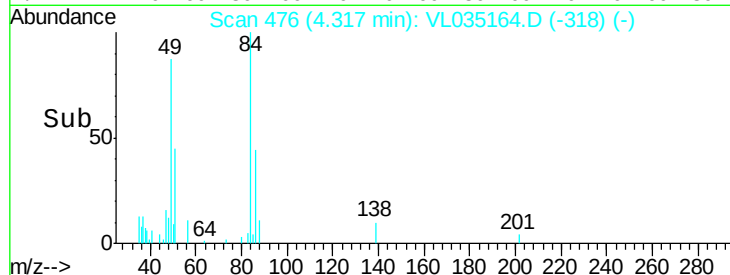
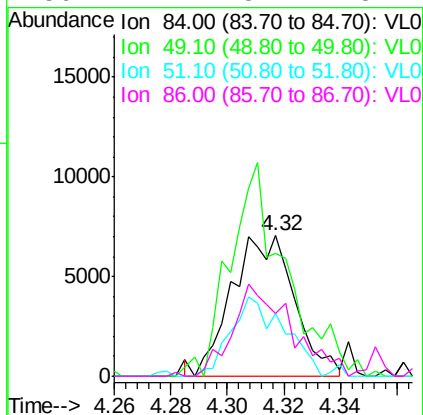
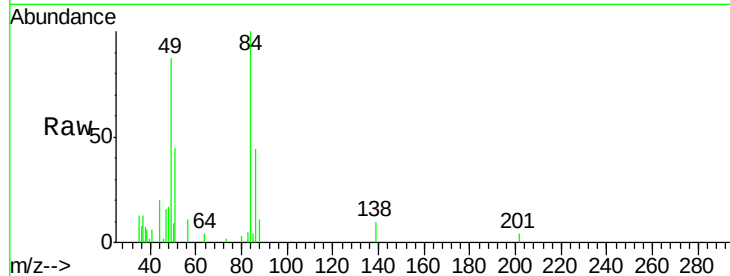
#20
Methvlene Chloride
Concen: 0.252 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	87.3	128.8	193.2#
51	44.8	38.7	58.1
86	44.2	54.1	81.1#

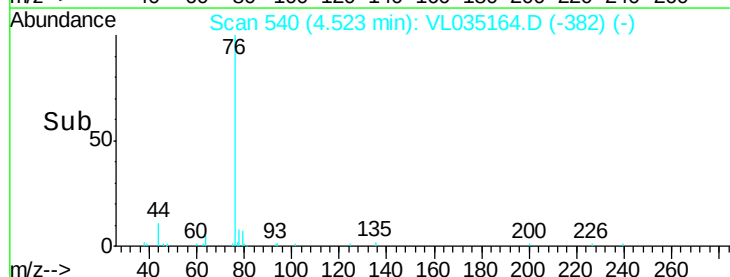
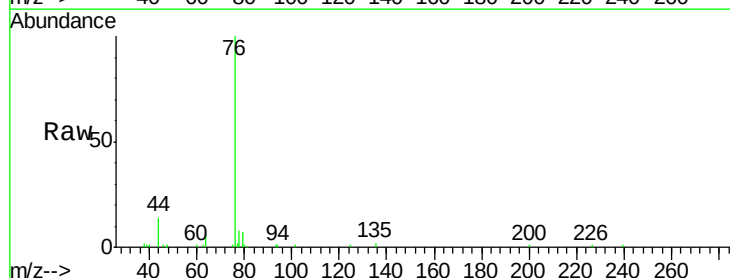
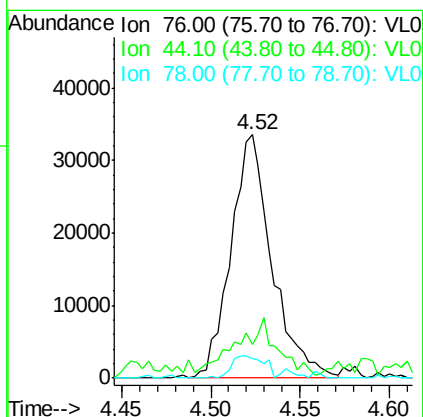
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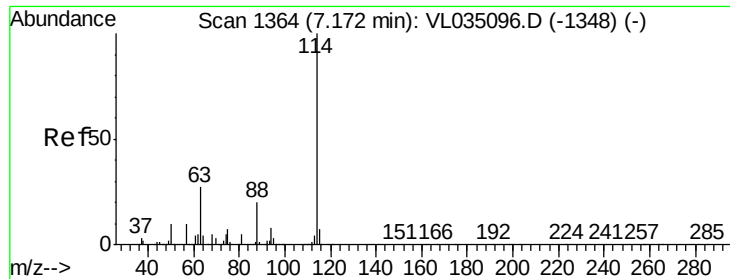
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#27
Carbon Disulfide
Concen: 0.603 ppbv
RT: 4.52 min Scan# 540
Delta R.T. 0.01 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Tgt Ion	Ratio	Lower	Upper
76	100		
44	22.9	15.8	23.8
78	9.2	7.6	11.4





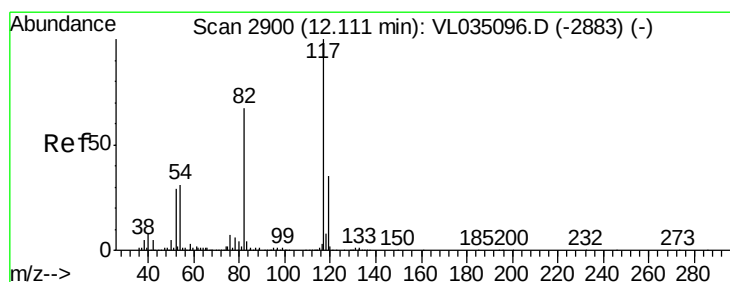
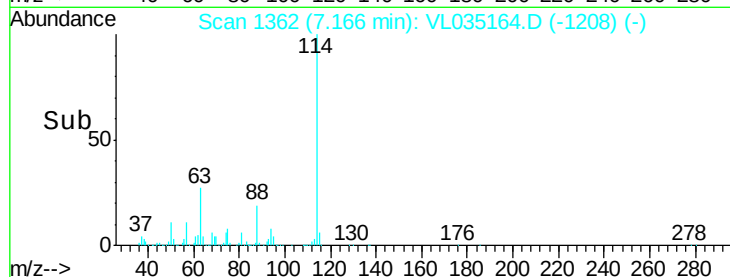
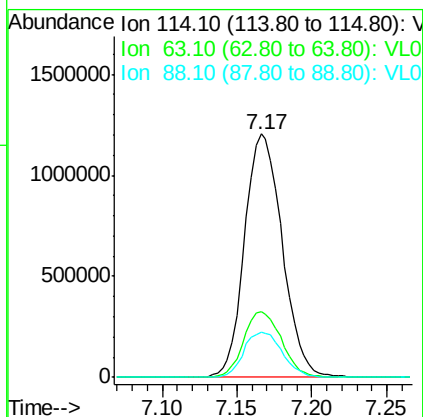
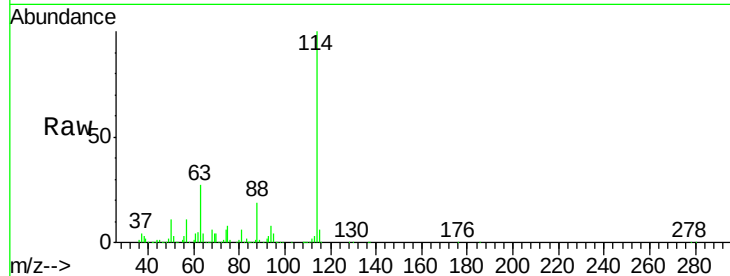
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035164.D
 Acq: 7 Jul 2020 4:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.1	15.6	23.4

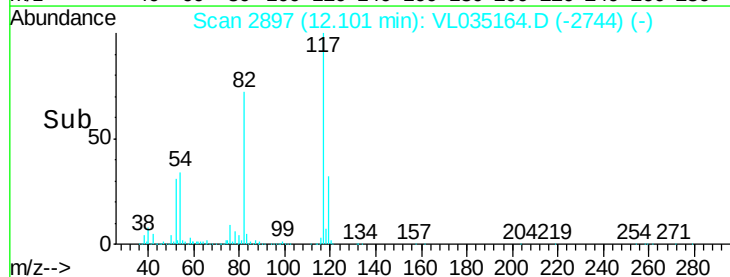
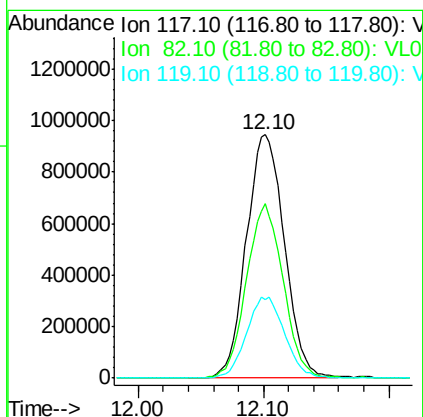
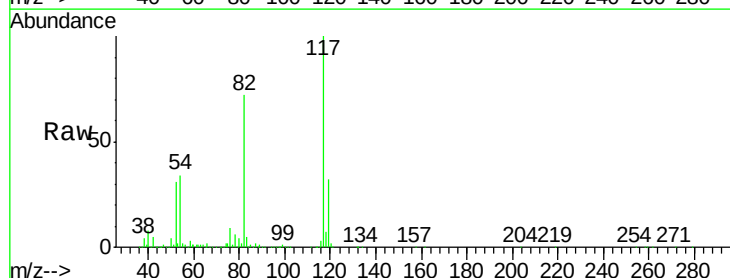
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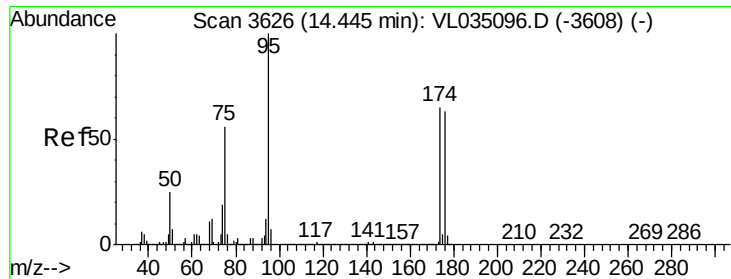
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.01 min
 Lab File: VL035164.D
 Acq: 7 Jul 2020 4:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.3	50.4	75.6
119	33.4	25.4	38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.384 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: VL035164.D
 Acq: 7 Jul 2020 4:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 95 Resp: 1723002
 Ion Ratio Lower Upper
 95 100
 174 64.8 52.2 78.2
 175 4.8 4.0 6.0

Manual Integrations
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