

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036761.D
 Acq On : 8 Apr 2021 21:52
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Quant Time: Apr 09 09:48:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1263954	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3068449	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2453192	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1458206	7.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	8563m	0.114	ppbv	
15) Acetone	3.86	43	36655m	0.295	ppbv	
20) Methylene Chloride	4.33	84	13958m	0.240	ppbv	

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

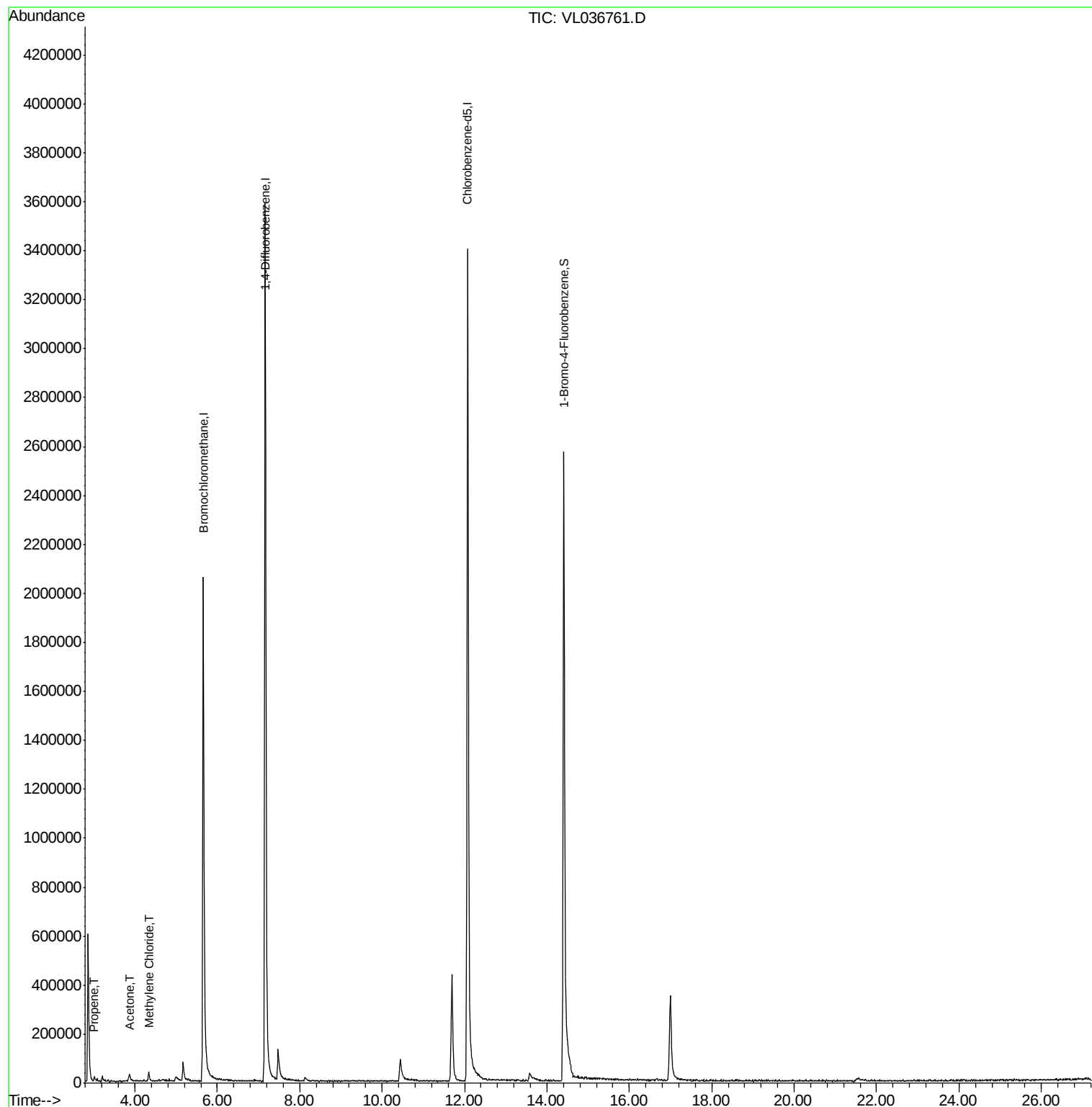
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040821\
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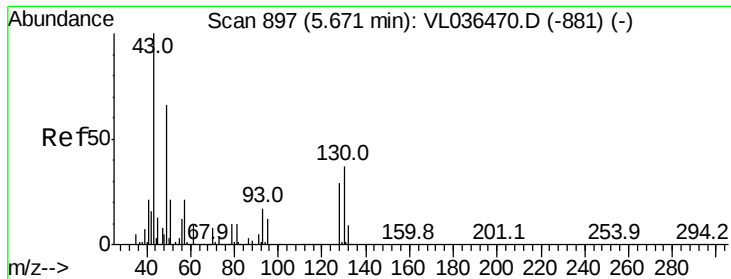
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

Quant Time: Apr 09 09:48:39 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL036761.D

Acq: 8 Apr 2021 21:52

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1263954

Ion Ratio Lower Upper

49 100

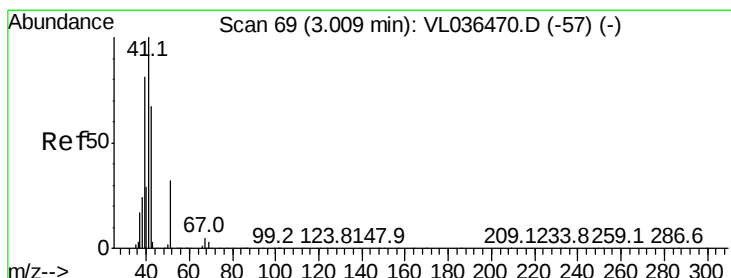
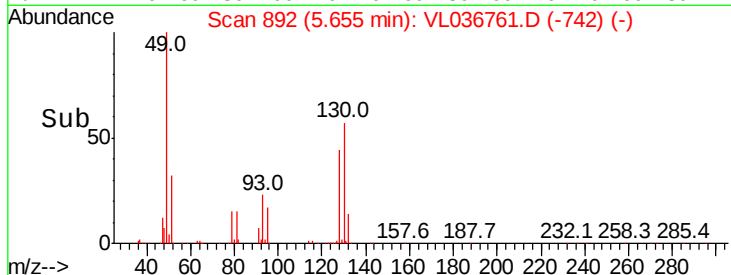
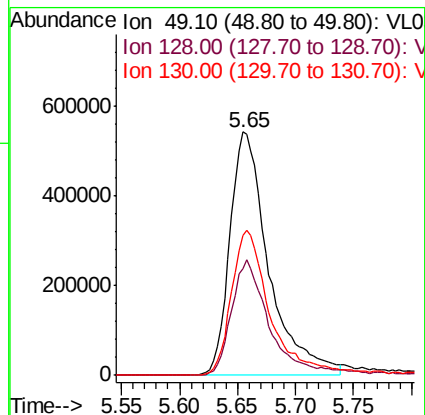
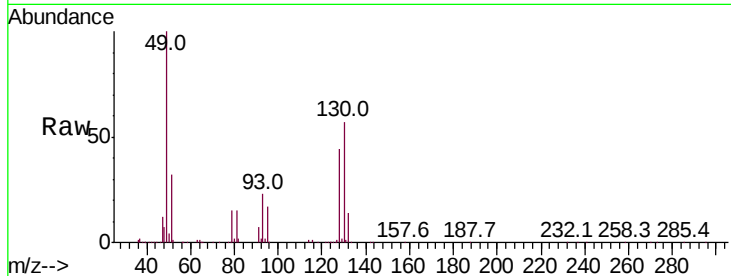
128 47.9 23.5 70.6

130 61.6 29.1 87.4

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#9

Propene

Concen: 0.114 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL036761.D

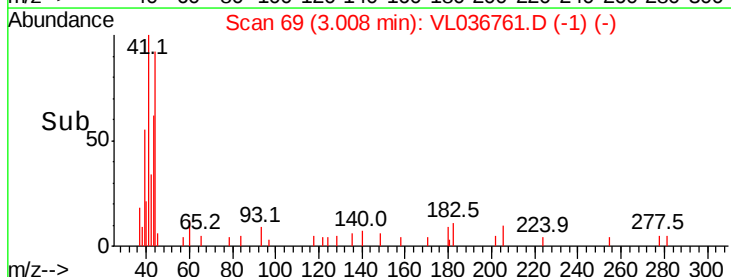
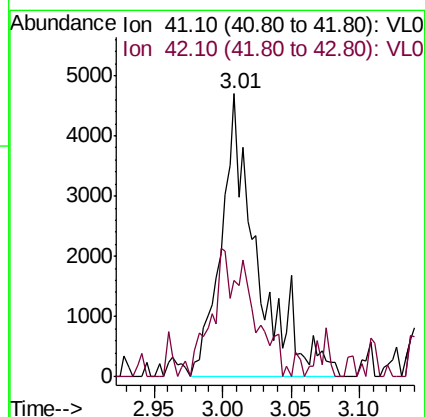
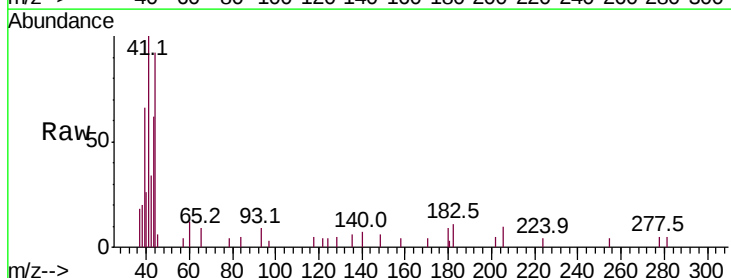
Acq: 8 Apr 2021 21:52

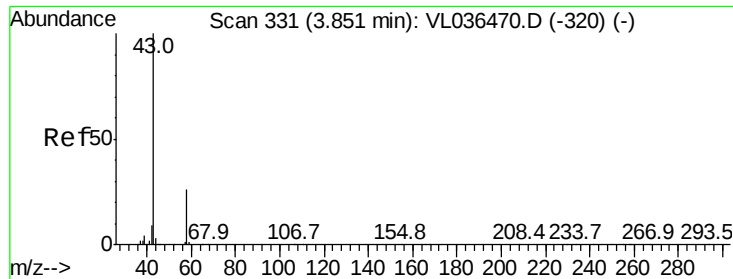
Tgt Ion: 41 Resp: 8563

Ion Ratio Lower Upper

41 100

42 54.9 57.0 85.4#





#15

Acetone

Concen: 0.295 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036761.D

Acq: 8 Apr 2021 21:52

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 43 Resp: 36655

Ion Ratio Lower Upper

43 100

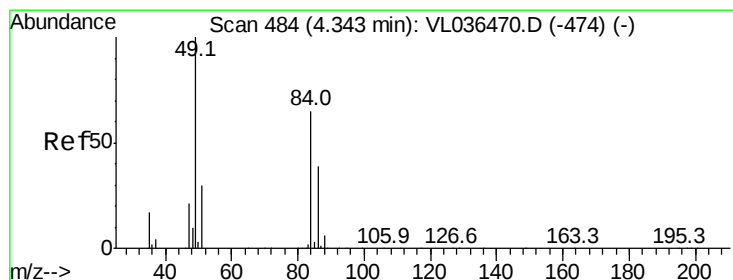
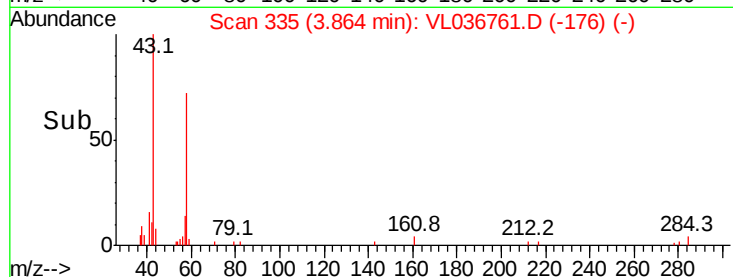
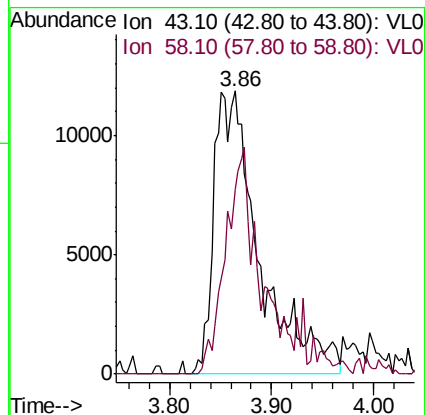
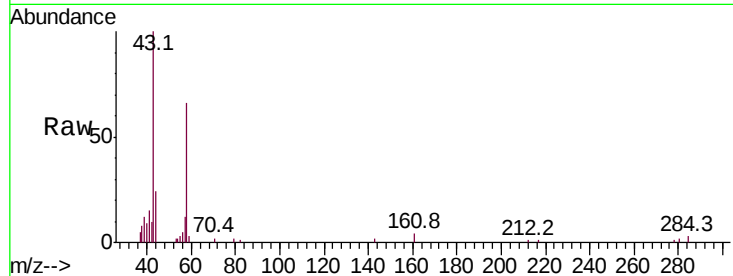
58 0.0 21.2 31.8#

Manual Integrations

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#20

Methylene Chloride

Concen: 0.240 ppbv m

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL036761.D

Acq: 8 Apr 2021 21:52

Tgt Ion: 84 Resp: 13958

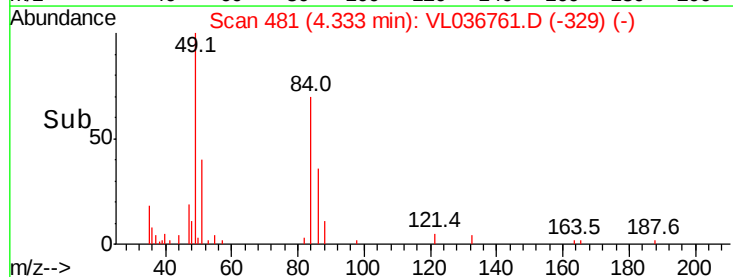
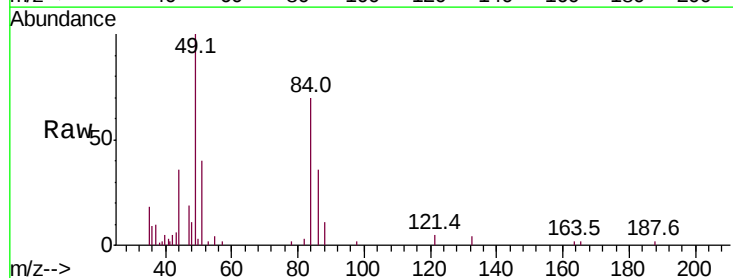
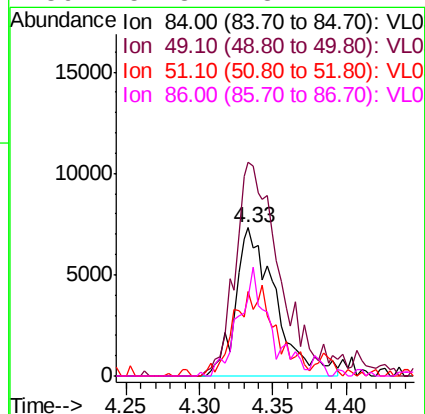
Ion Ratio Lower Upper

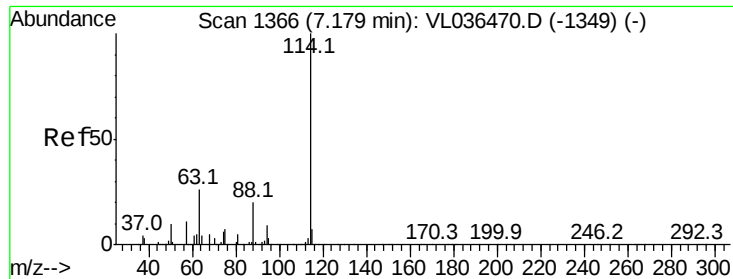
84 100

49 143.9 122.9 184.3

51 57.0 36.9 55.3#

86 52.3 48.2 72.4





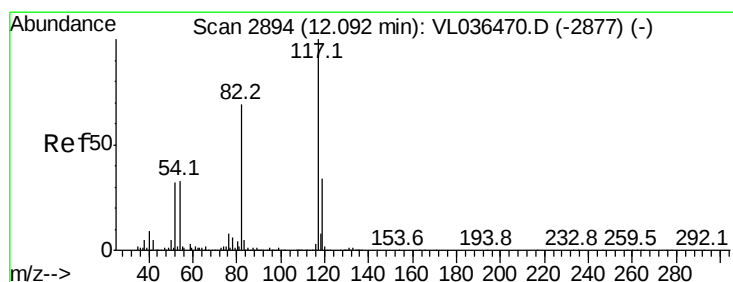
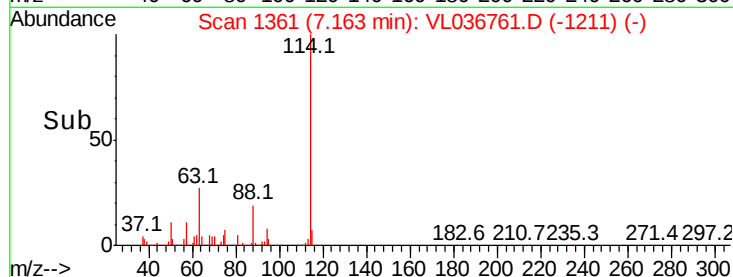
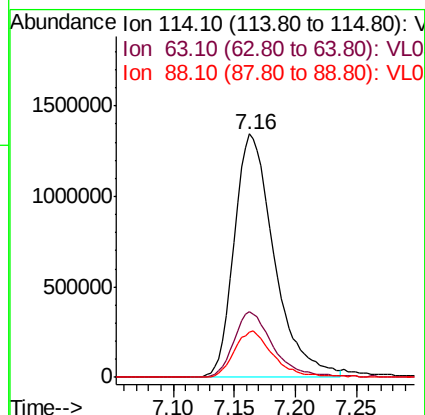
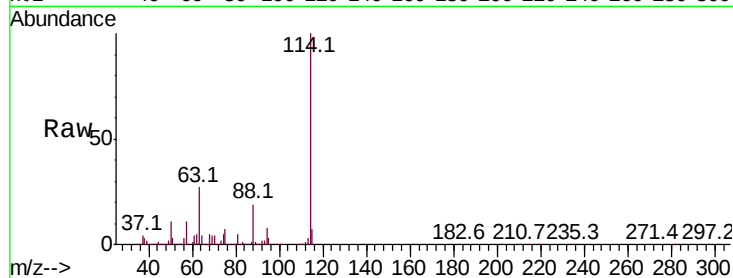
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036761.D
Acq: 8 Apr 2021 21:52

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	19.0	15.4	23.0

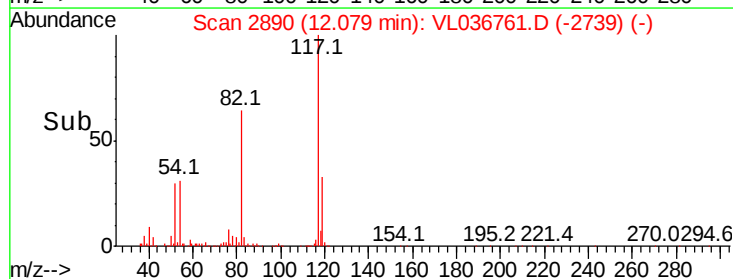
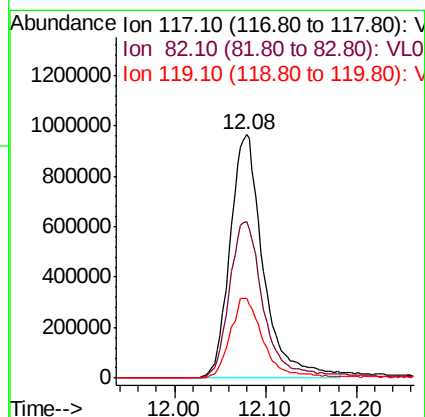
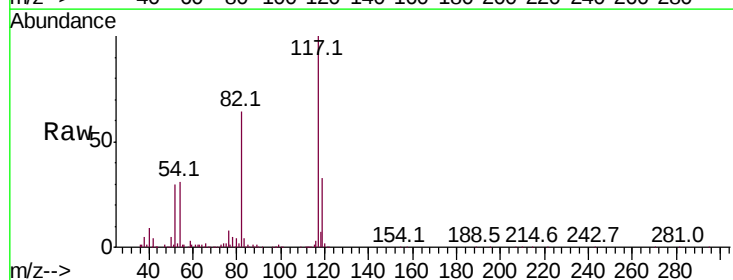
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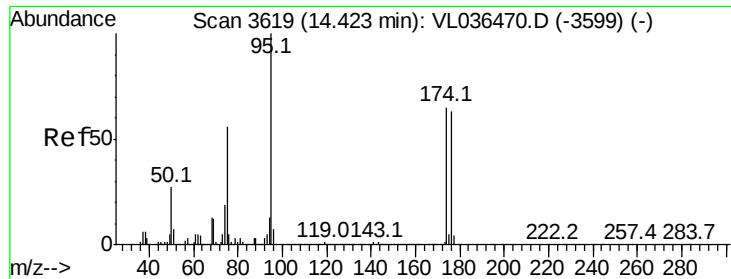
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036761.D
Acq: 8 Apr 2021 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.3	57.4	86.0
119	33.8	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.458 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL036761.D
 Acq: 8 Apr 2021 21:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.5	51.0	76.6
175	4.9	3.9	5.9

Manual Integrations
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