

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036372.D
 Acq On : 25 Feb 2021 5:25
 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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Quant Time: Feb 25 08:04:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1532784	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3372490	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3034126	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2446601	9.80	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	9664m	0.136	ppbv	
13) Ethanol	3.66	45	4555m	0.342	ppbv	
15) Acetone	3.87	43	26687m	0.142	ppbv	
20) Methylene Chloride	4.35	84	12710m	0.210	ppbv	

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

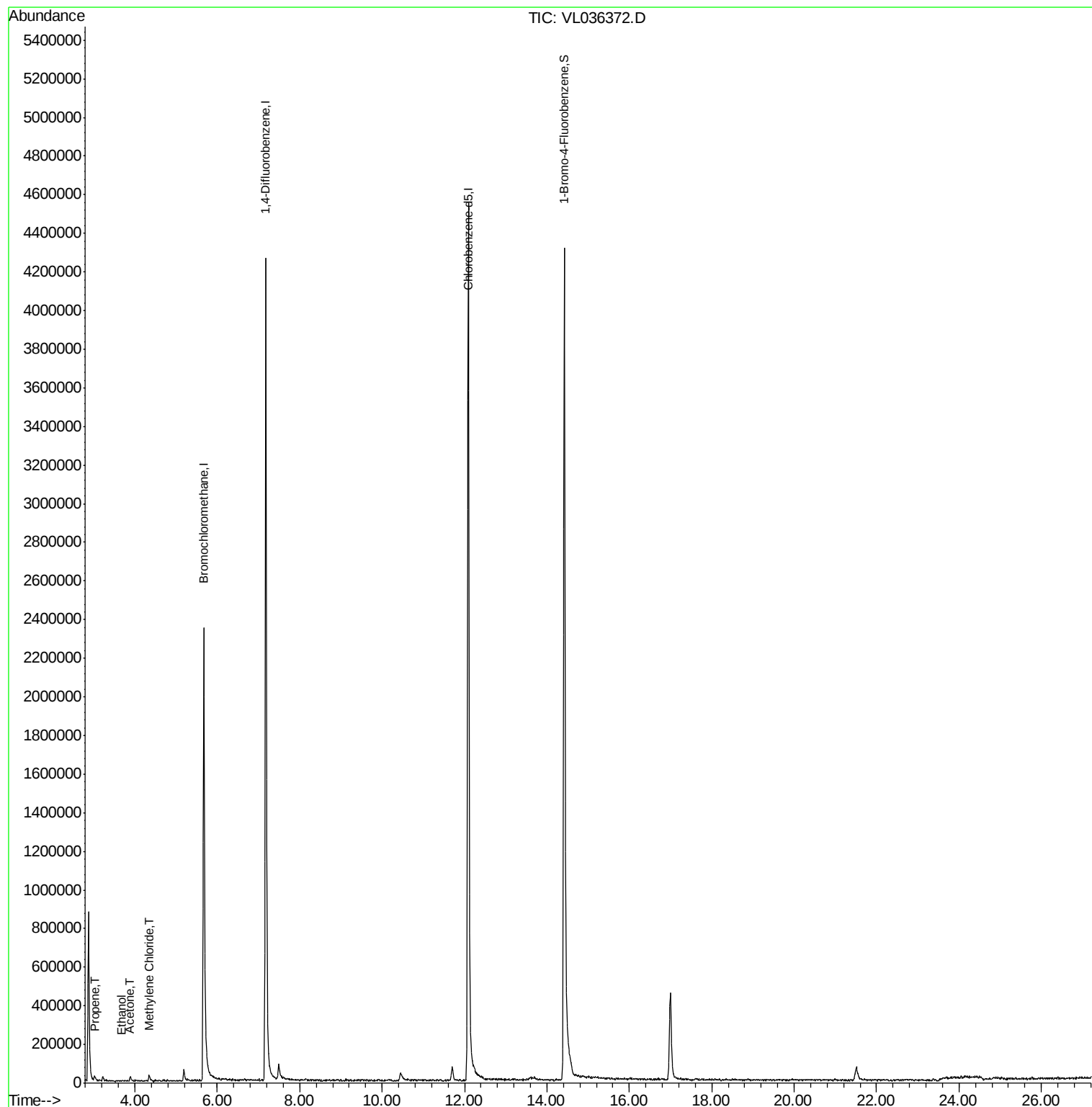
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022421\
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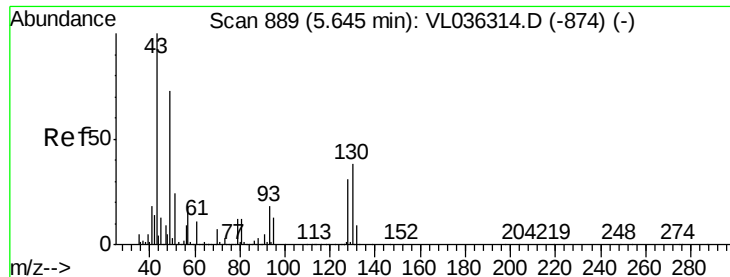
Instrument :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL036372.D

Acq: 25 Feb 2021 5:25

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1532784

Ion Ratio Lower Upper

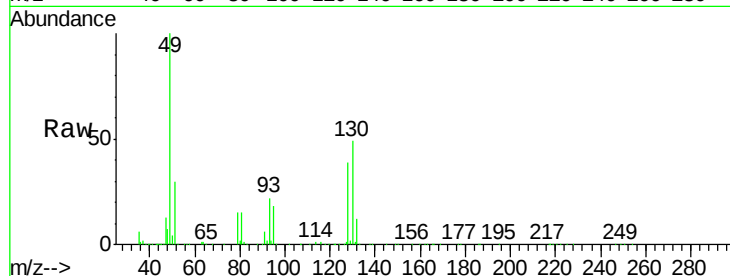
49 100

128 42.4 20.8 62.5

130 55.2 26.7 80.1

Manual Integrations
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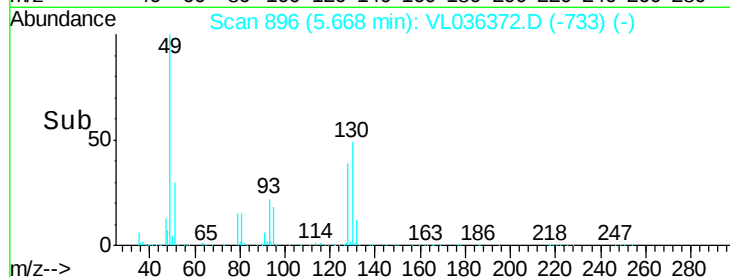


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

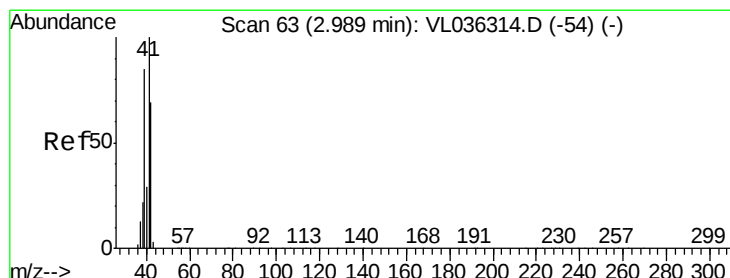
Ion 130.00 (129.70 to 130.70): VL0

Time-->



5.67

Time-->



#9

Propene

Concen: 0.136 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.03 min

Lab File: VL036372.D

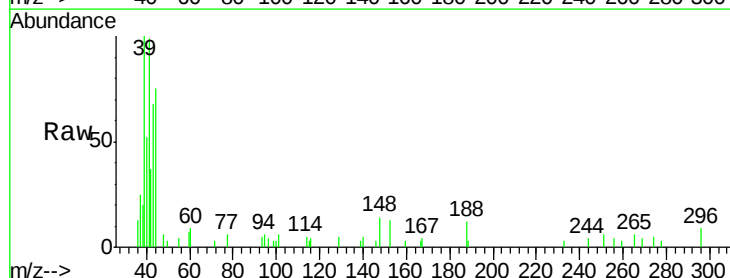
Acq: 25 Feb 2021 5:25

Tgt Ion: 41 Resp: 9664

Ion Ratio Lower Upper

41 100

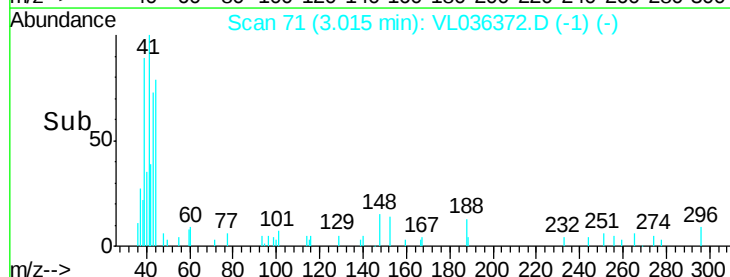
42 5.8 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

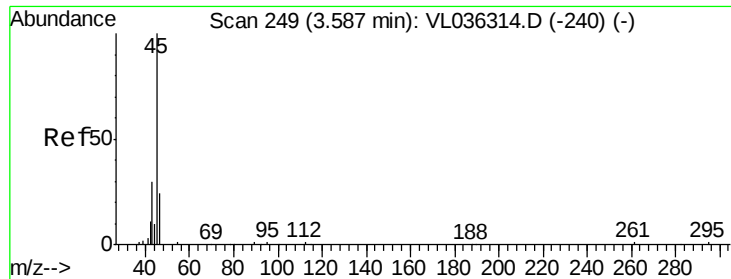
Ion 42.10 (41.80 to 42.80): VL0

Time-->



3.02

Time-->



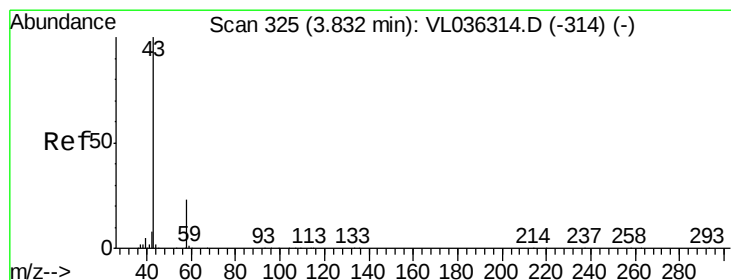
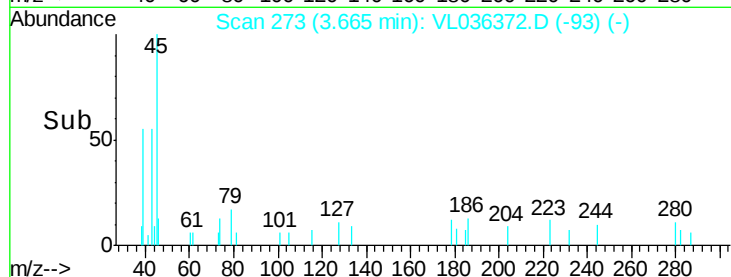
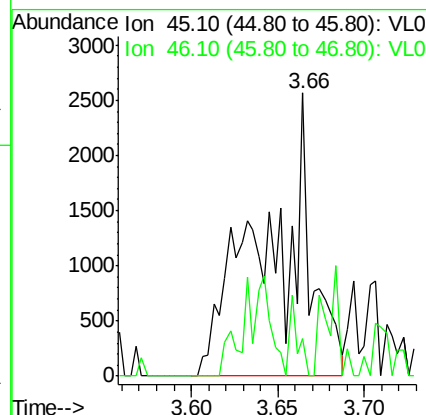
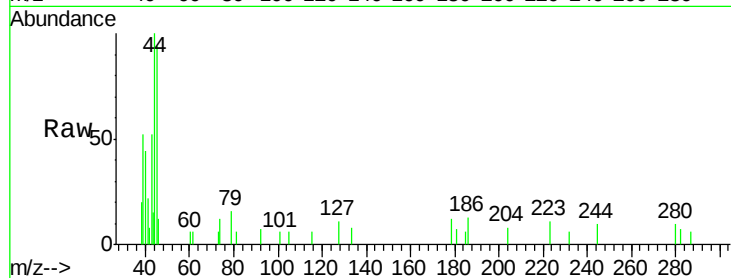
#13
Ethanol
Concen: 0.342 ppbv m
RT: 3.66 min Scan# 273
Delta R.T. 0.08 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.7	70.7#

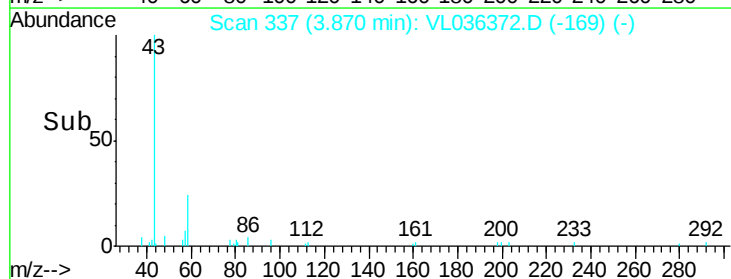
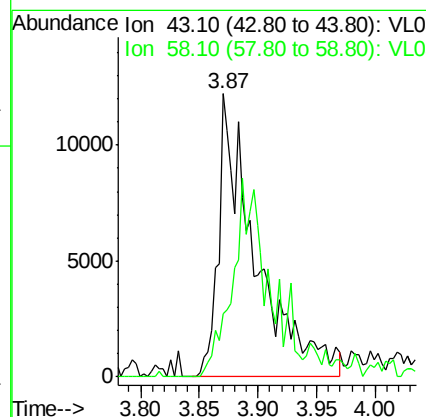
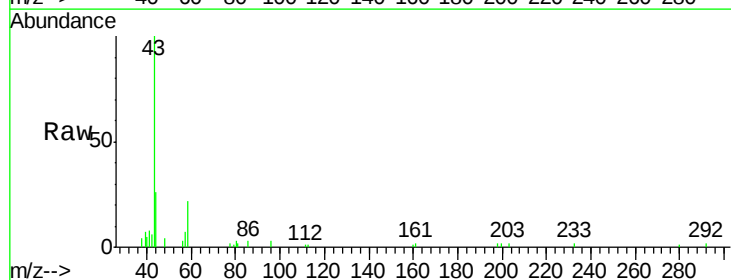
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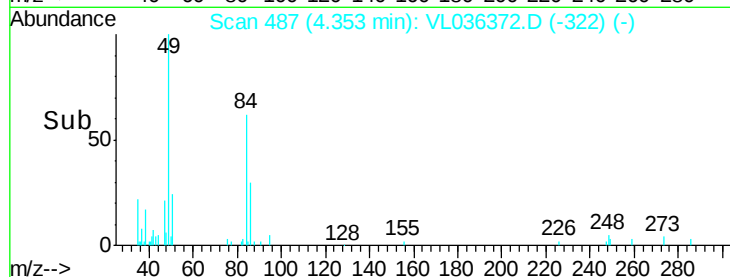
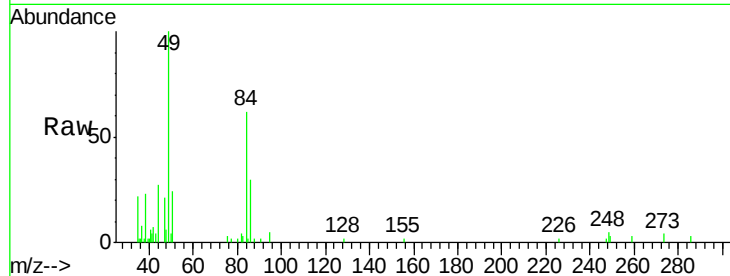
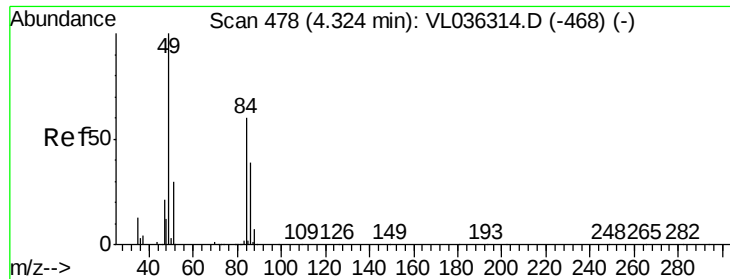
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#15
Acetone
Concen: 0.142 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.3	30.5#





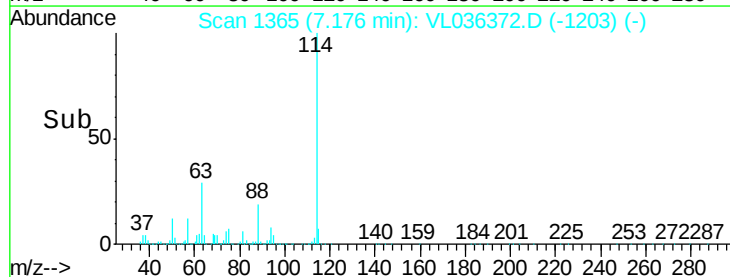
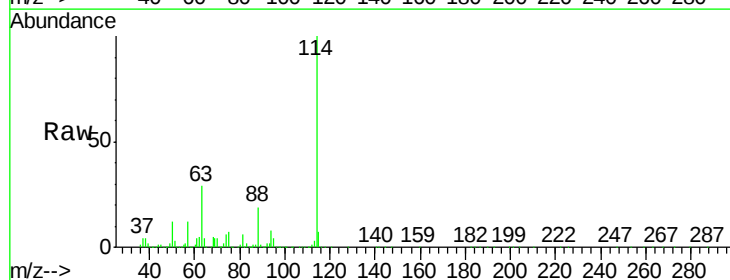
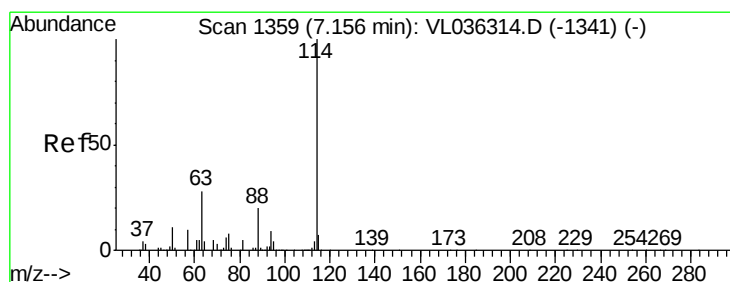
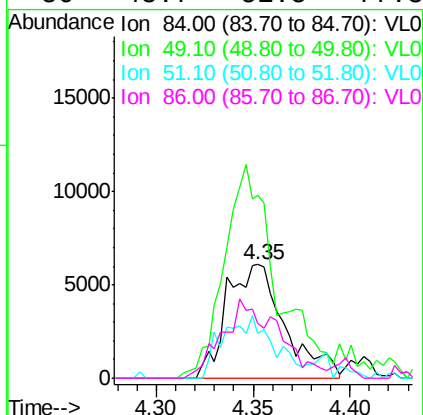
#20
Methylene Chloride
Concen: 0.210 ppbv m
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Tot Ion	Ratio	Lower	Upper
84	100		
49	160.5	133.8	200.8
51	39.0	41.4	62.0#
86	48.7	51.5	77.3#

Instrument :
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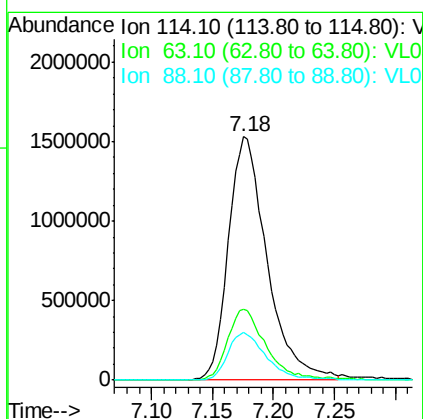
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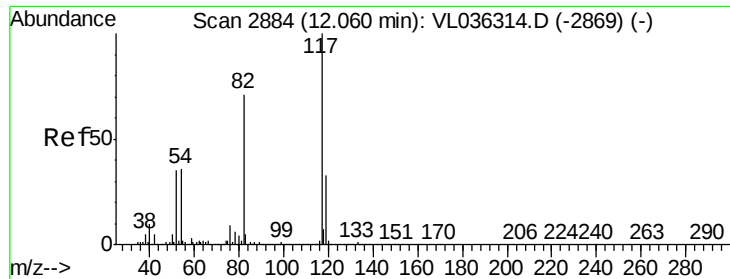
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	19.9	16.0	24.0





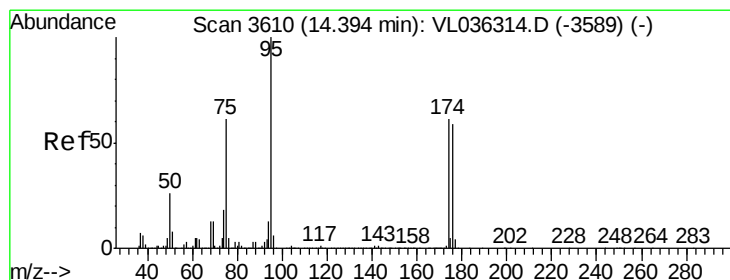
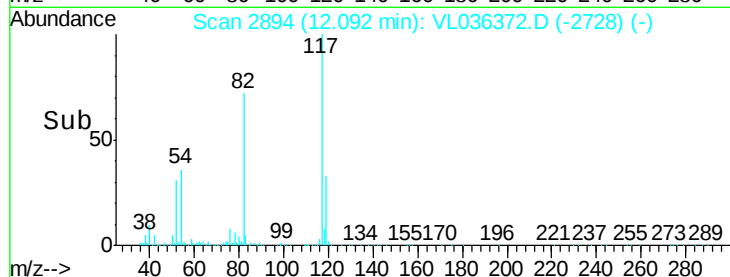
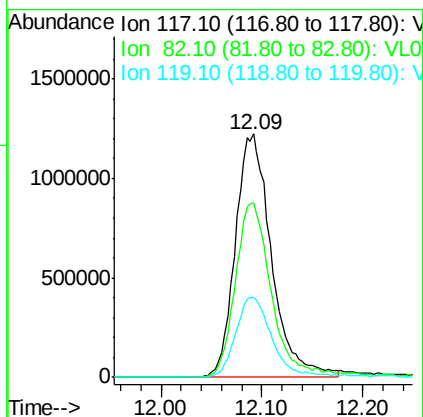
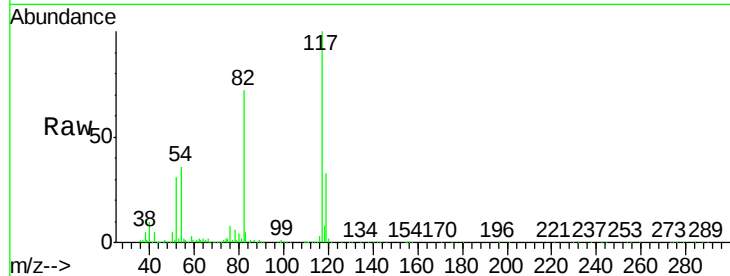
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.03 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3034126
Ion Ratio Lower Upper
117 100
82 73.1 59.1 88.7
119 34.3 46.3 69.5#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.801 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.03 min
Lab File: VL036372.D
Acq: 25 Feb 2021 5:25

Tgt Ion: 95 Resp: 2446601
Ion Ratio Lower Upper
95 100
174 64.4 49.8 74.6
175 4.7 3.7 5.5

