

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037237.D
 Acq On : 23 Jun 2021 7:26
 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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 6/24/2021 4:34:13 PM

Quant Time: Jun 24 05:17:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1466259	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4261663	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3579205	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2603543	9.60	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	8732m	0.096	ppbv	
15) Acetone	3.86	43	52398m	0.317	ppbv	
20) Methylene Chloride	4.34	84	57227m	0.578	ppbv	
26) Hexane	5.68	57	36434m	0.201	ppbv	
34) 2-Butanone	5.27	43	21458m	0.129	ppbv	

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

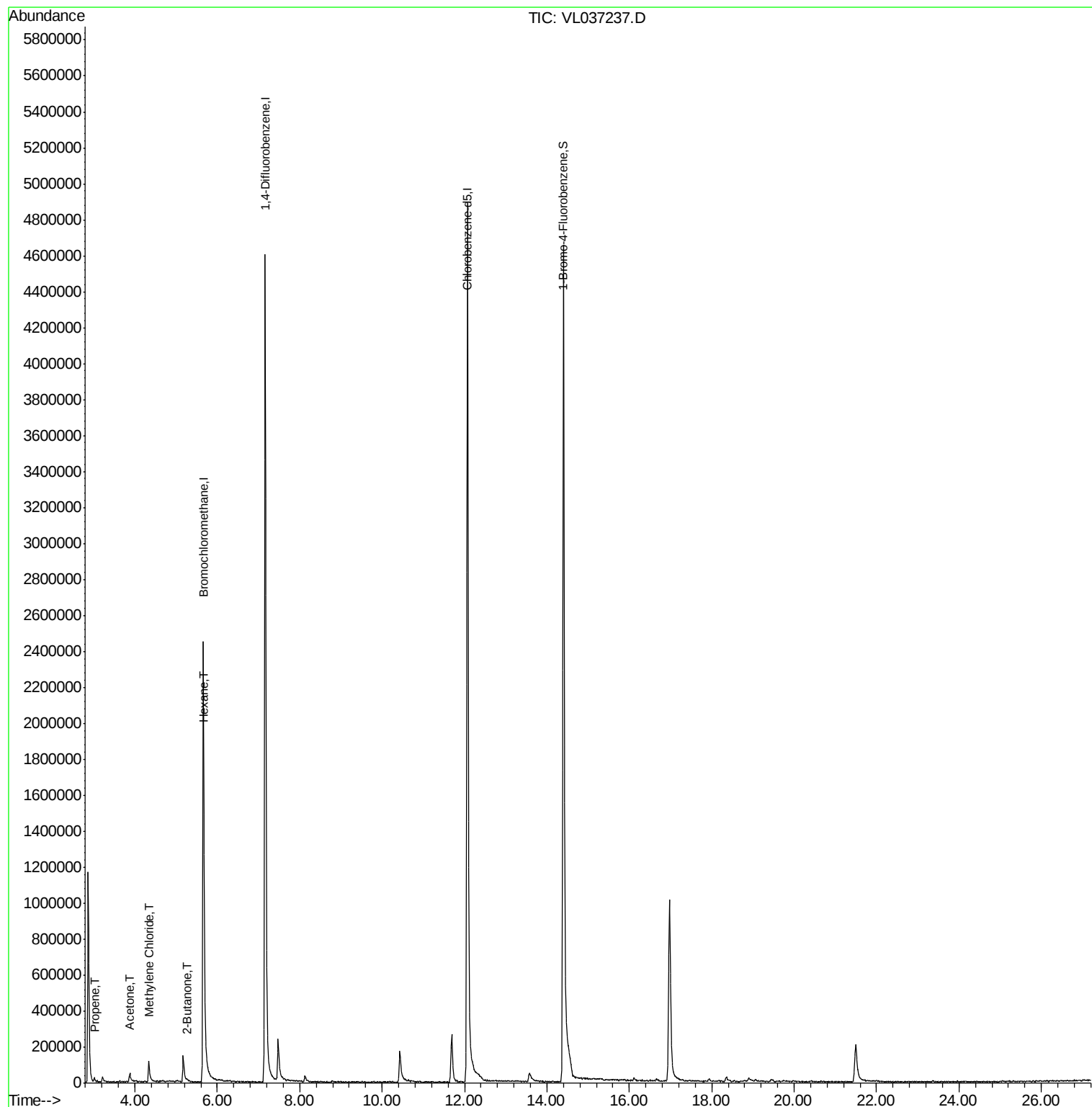
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
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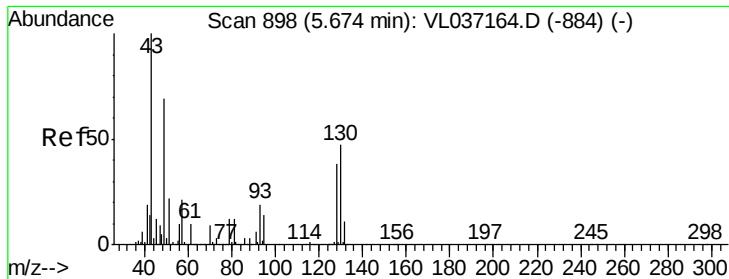
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Jun 24 05:17:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1466259

Ion Ratio Lower Upper

49 100

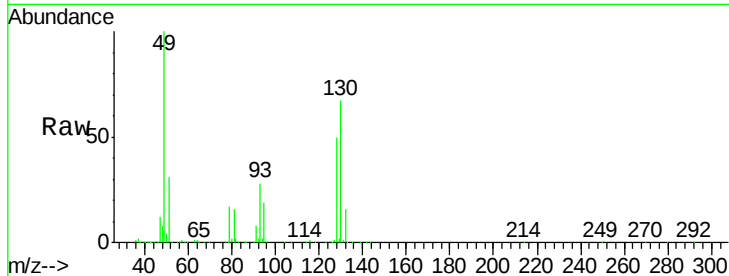
128 56.0 29.3 88.0

130 71.4 35.9 107.8

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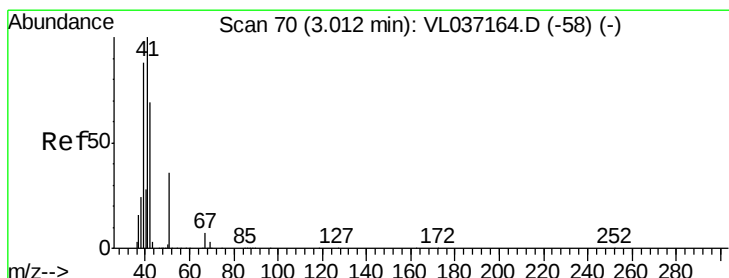
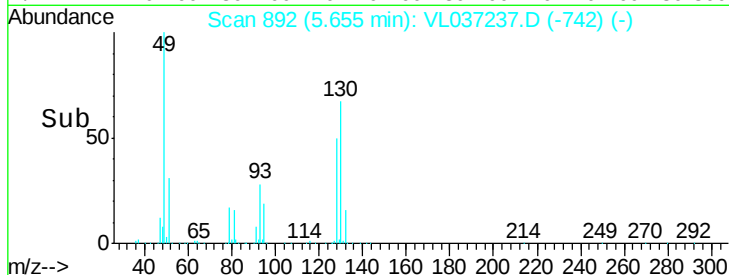
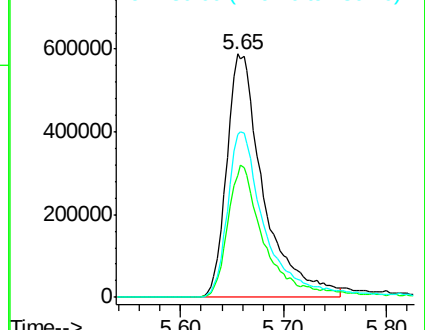
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.096 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037237.D

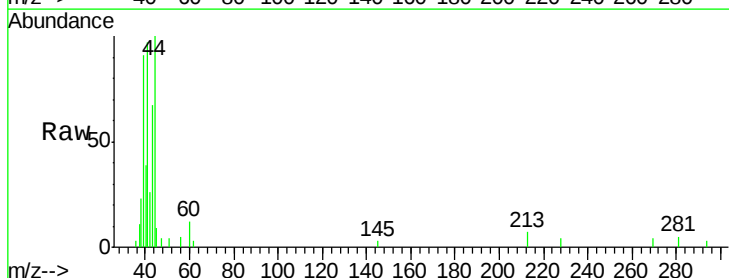
Acq: 23 Jun 2021 7:26

Tgt Ion: 41 Resp: 8732

Ion Ratio Lower Upper

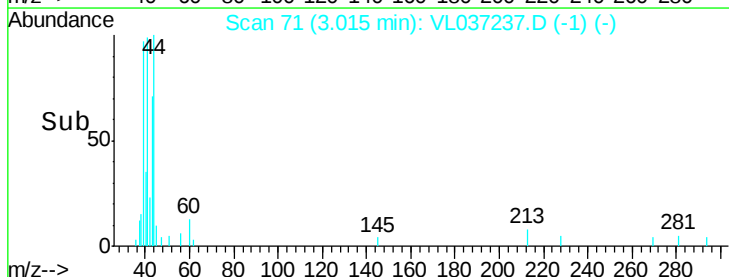
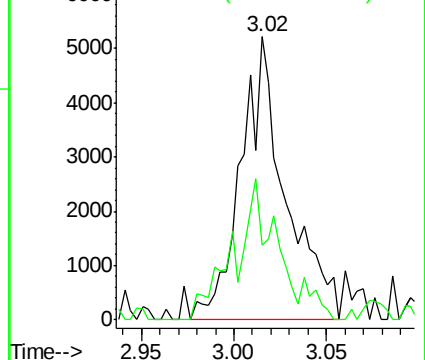
41 100

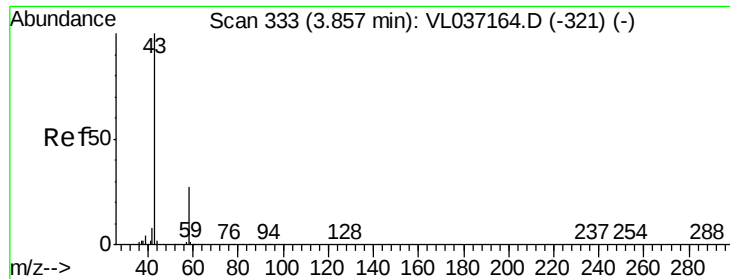
42 0.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





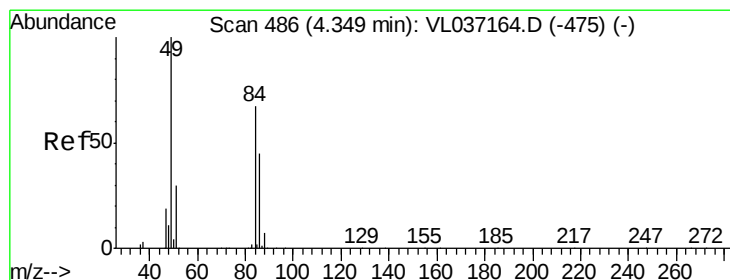
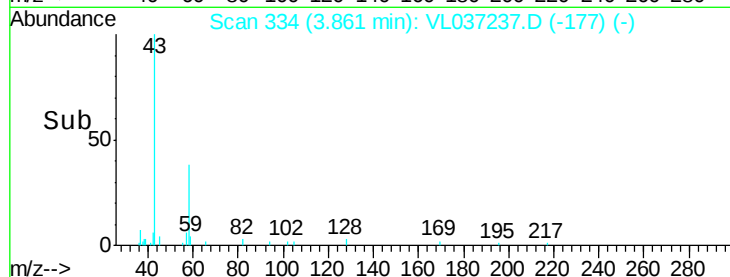
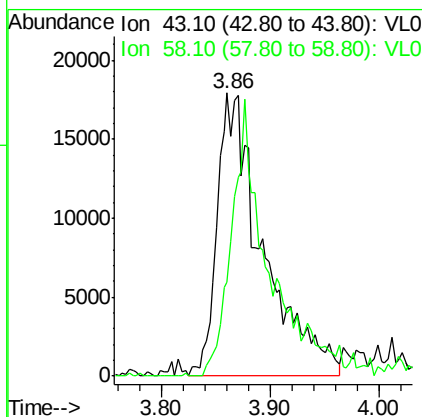
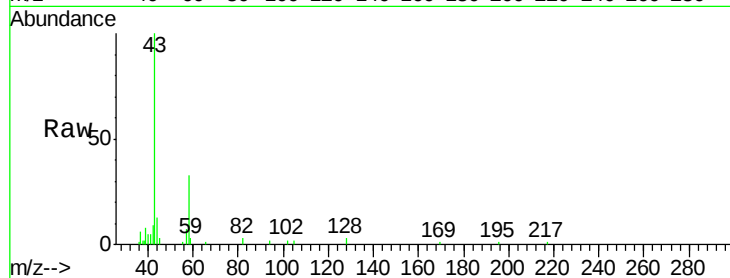
#15
Acetone
Concen: 0.317 ppbv m
RT: 3.86 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	43	Resp	52398
Ion Ratio	100	Lower	Upper
58	0.0	23.7	35.5#

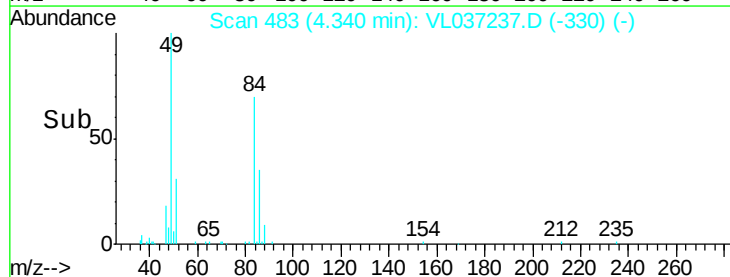
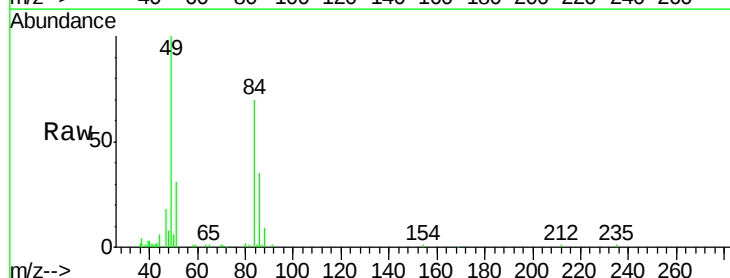
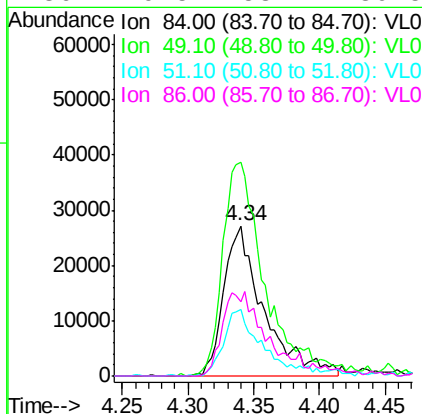
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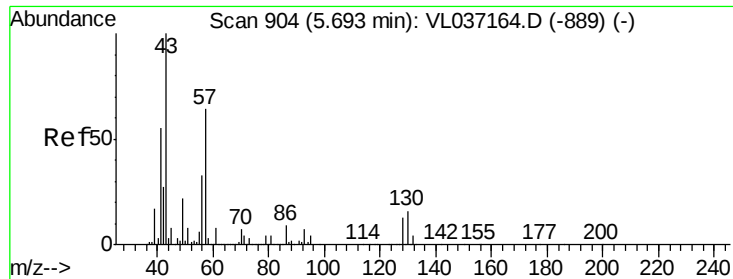
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#20
Methylene Chloride
Concen: 0.578 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Tgt Ion	84	Resp	57227
Ion Ratio	100	Lower	Upper
49	142.4	119.7	179.5
51	44.2	36.1	54.1
86	49.5	53.7	80.5#





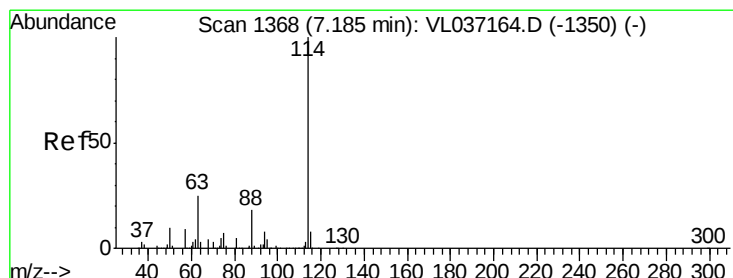
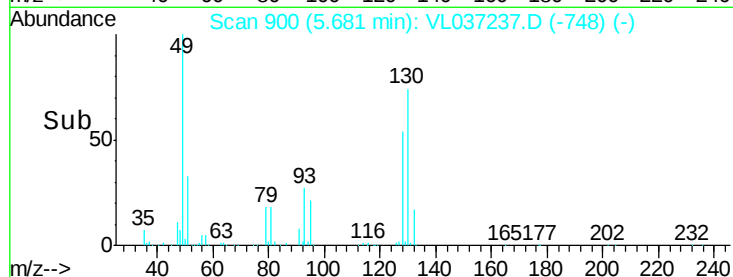
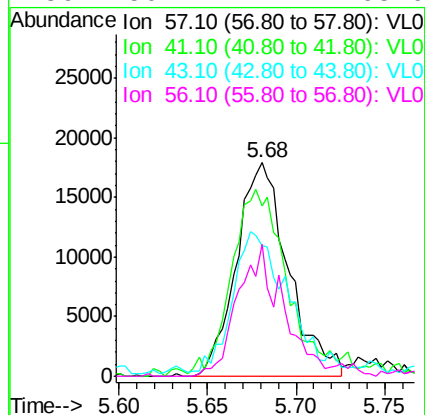
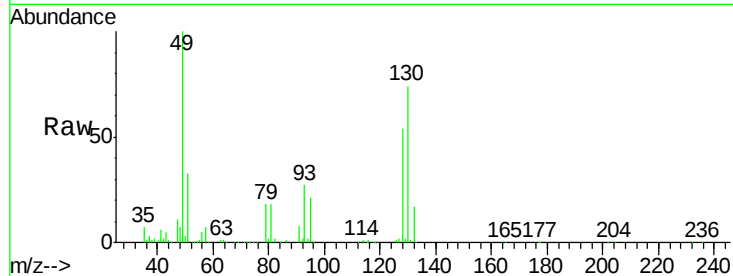
#26
Hexane
Concen: 0.201 ppbv m
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
57	100		
41	101.4	73.5	110.3
43	73.3	170.7	256.1#
56	56.1	42.4	63.6

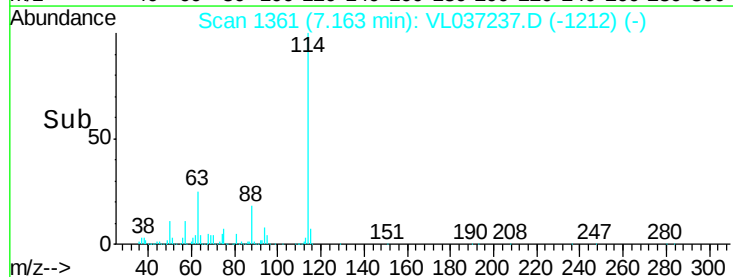
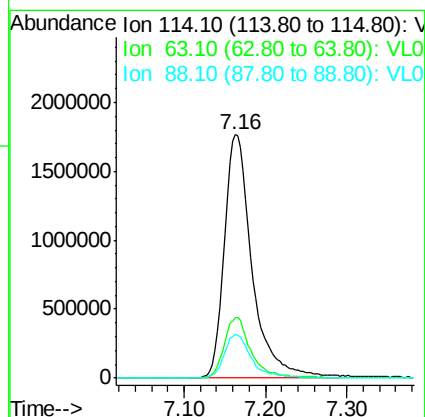
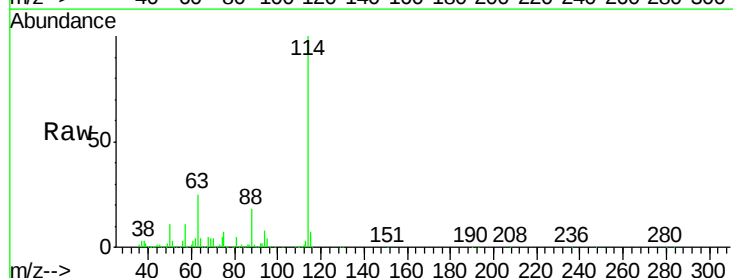
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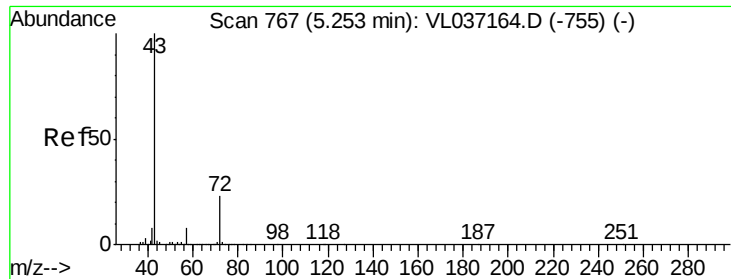
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.9	14.2	21.2





#34

2-Butanone

Concen: 0.129 ppbv m

RT: 5.27 min Scan# 773

Delta R.T. 0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 43 Resp: 21458

Ion Ratio Lower Upper

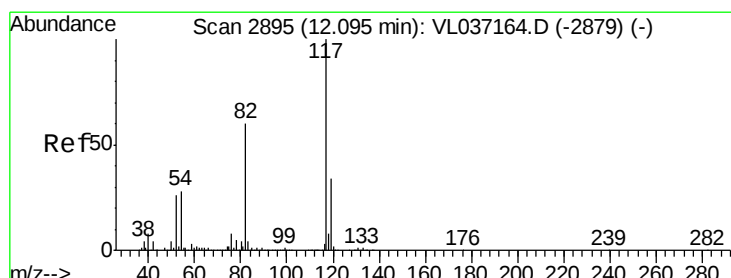
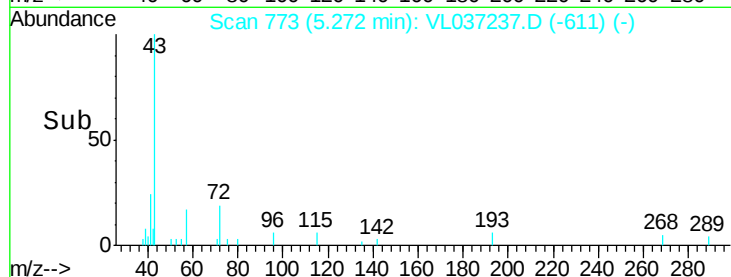
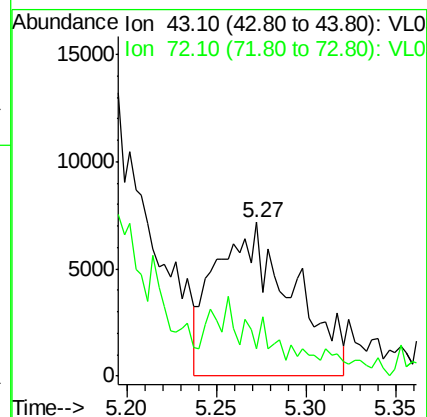
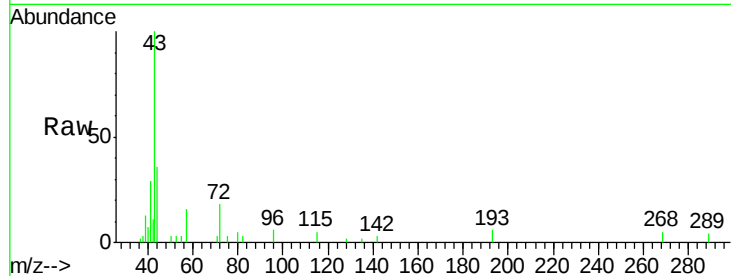
43 100

72 0.0 18.9 28.3#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

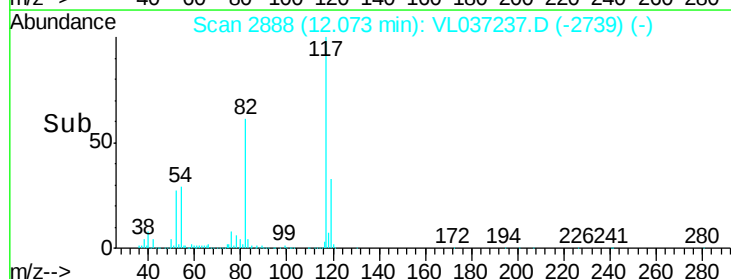
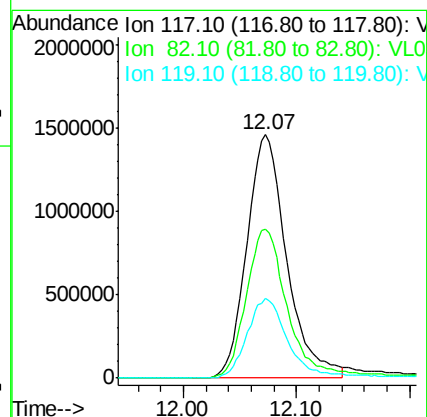
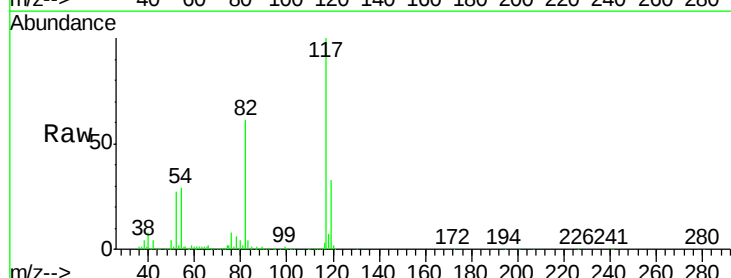
Tgt Ion: 117 Resp: 3579205

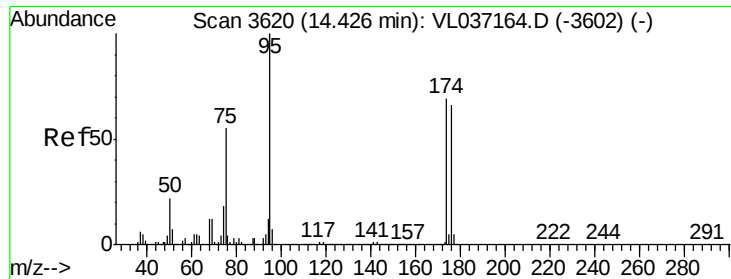
Ion Ratio Lower Upper

117 100

82 66.0 51.7 77.5

119 34.7 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.599 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2603543

Ion Ratio Lower Upper

95 100

174 75.9 57.0 85.4

175 5.6 4.4 6.6

Manual Integrations
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