

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037406.D
 Acq On : 12 Aug 2021 1:52
 Operator : SY/AP
 Sample : M3157-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INTERMEDIATE-2DL

Manual Integrations
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 8/12/2021 10:17:32 AM

Quant Time: Aug 12 06:19:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 09:01:07 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	356758m	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1034263	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	813714	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	486194	8.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	6349m	2.329	ppbv	
15) Acetone	3.88	43	40104m	1.180	ppbv	
20) Methylene Chloride	4.34	84	77250	4.185	ppbv	96
26) Hexane	5.69	57	36646m	0.832	ppbv	

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

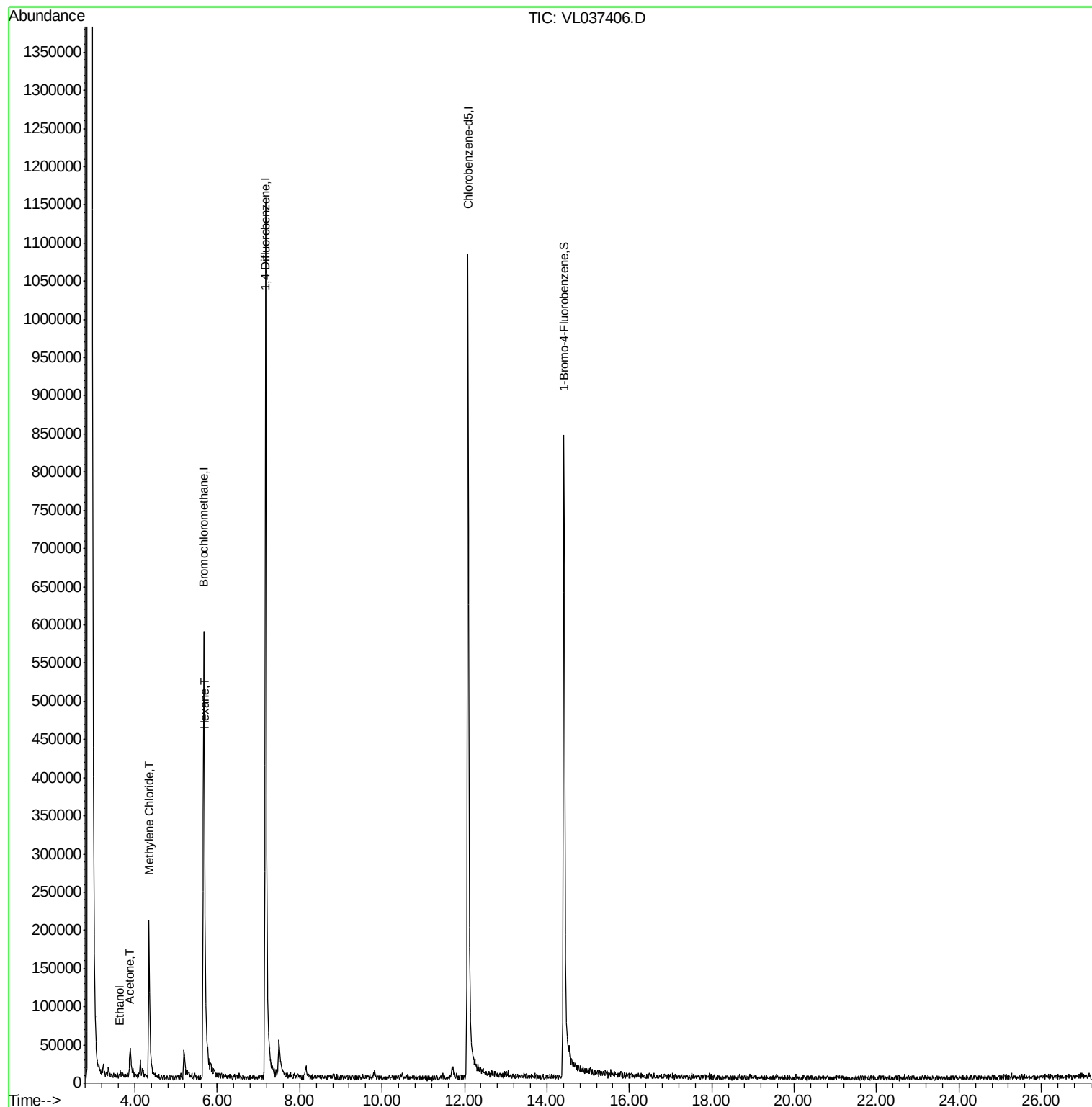
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037406.D
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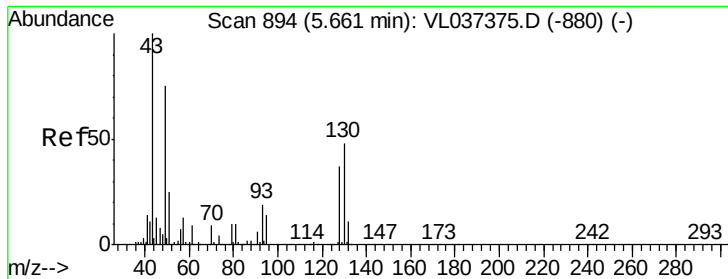
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
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QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv m

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL037406.D

Acq: 12 Aug 2021 1:52

Instrument :

MSVOA_L

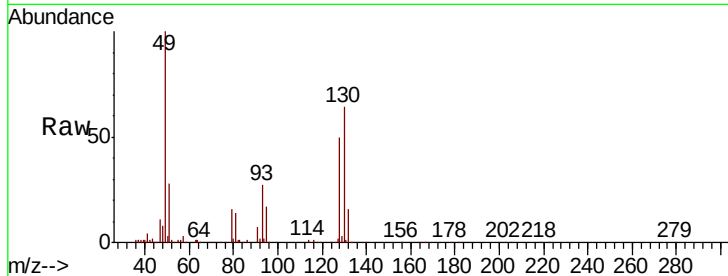
ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

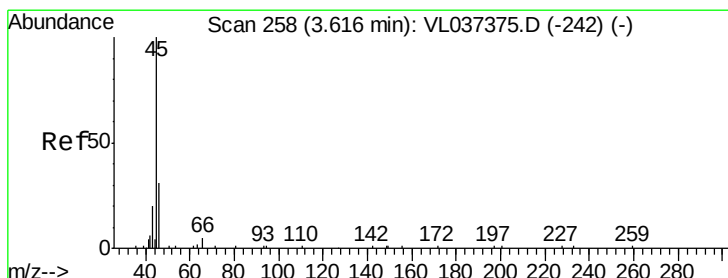
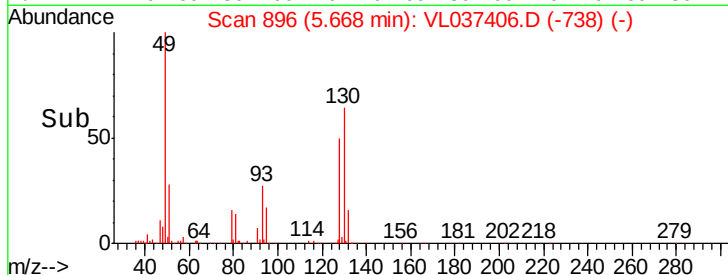
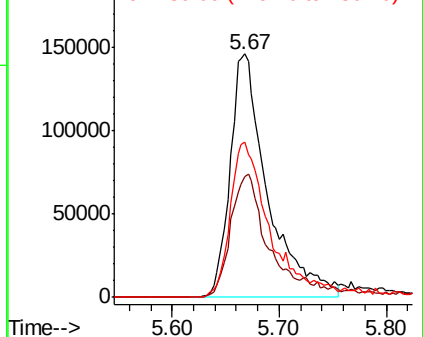
Tot Ion:	49	Resp:	356758
Ion	Ratio	Lower	Upper
49	100		
128	54.6	28.1	84.4
130	69.1	34.3	102.8

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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



#13

Ethanol

Concen: 2.329 ppbv m

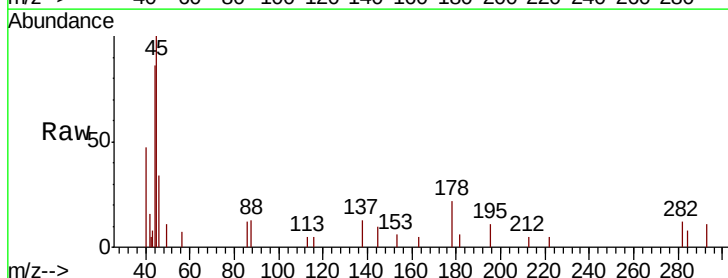
RT: 3.65 min Scan# 267

Delta R.T. 0.03 min

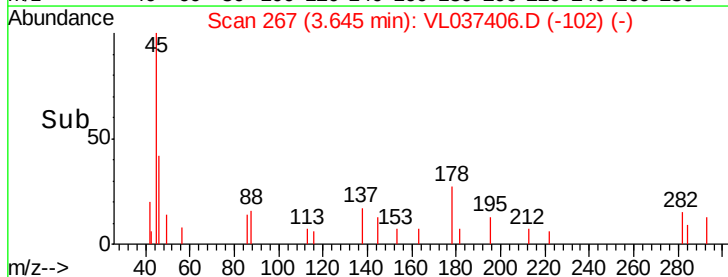
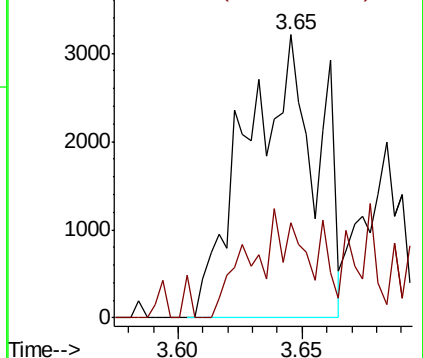
Lab File: VL037406.D

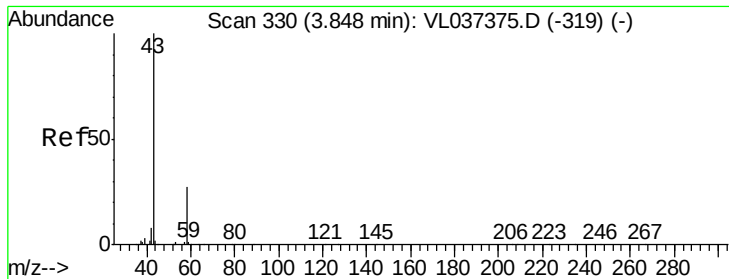
Acq: 12 Aug 2021 1:52

Tgt Ion:	45	Resp:	6349
Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 1.180 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL037406.D

Acq: 12 Aug 2021 1:52

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Tot Ion: 43 Resp: 40104

Ion Ratio Lower Upper

43 100

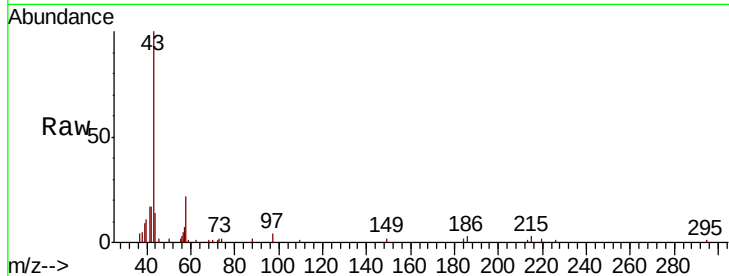
58 0.0 24.6 37.0#

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.88

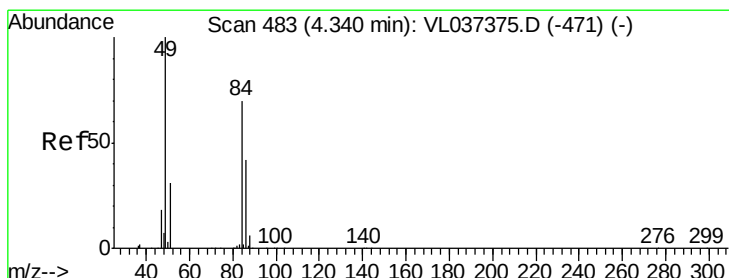
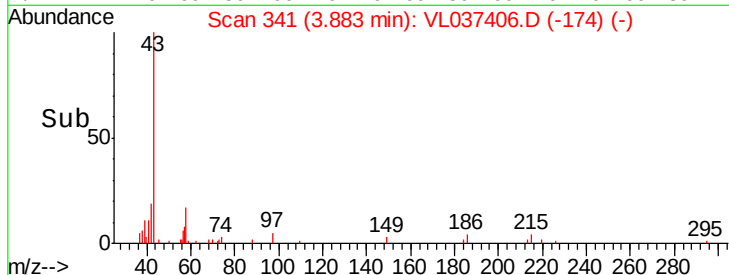
15000

10000

5000

0

Time--> 3.80 3.85 3.90 3.95



#20

Methylene Chloride

Concen: 4.185 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL037406.D

Acq: 12 Aug 2021 1:52

Tgt Ion: 84 Resp: 77250

Ion Ratio Lower Upper

84 100

49 137.6 113.8 170.6

51 35.7 34.7 52.1

86 59.2 47.4 71.0

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

100000

80000

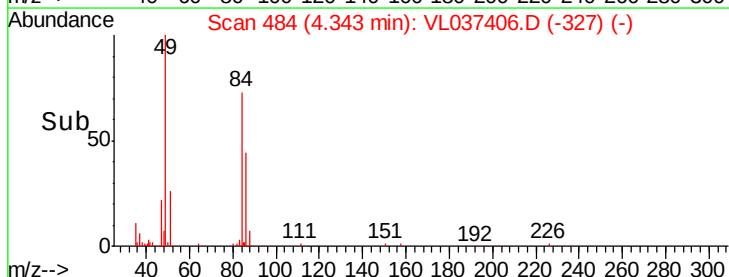
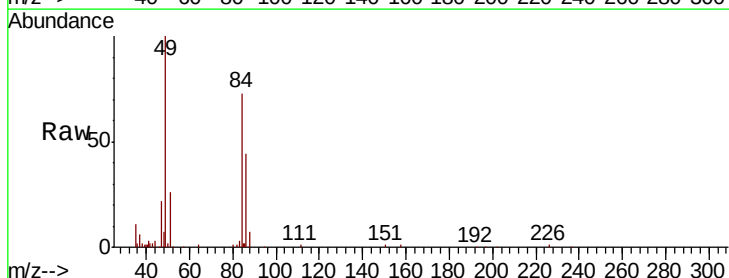
60000

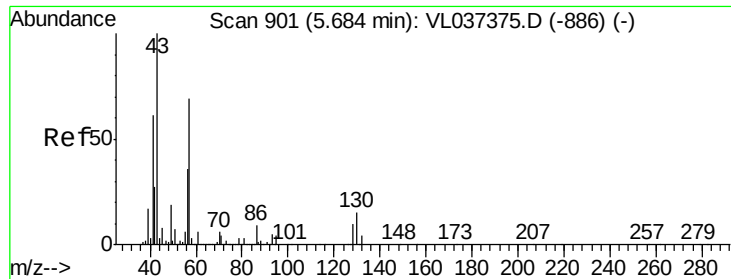
40000

20000

0

Time--> 4.30 4.35





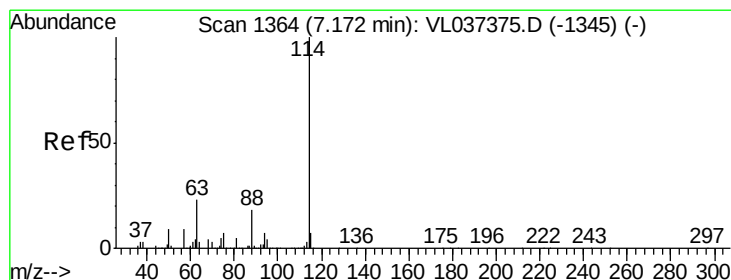
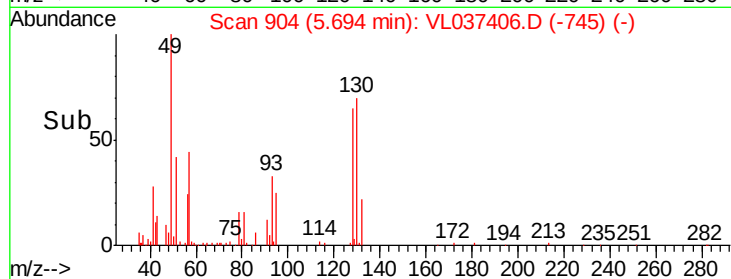
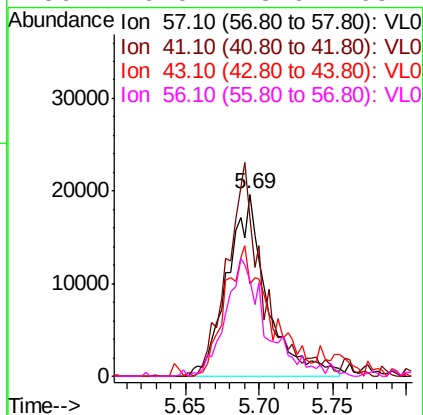
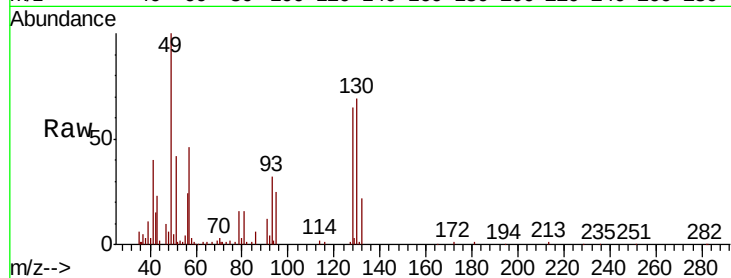
#26
Hexane
Concen: 0.832 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL037406.D
Acq: 12 Aug 2021 1:52

Instrument :
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Tot Ion	Ratio	Lower	Upper
57	100		
41	109.9	73.4	110.0
43	93.7	174.4	261.6#
56	0.0	43.6	65.4#

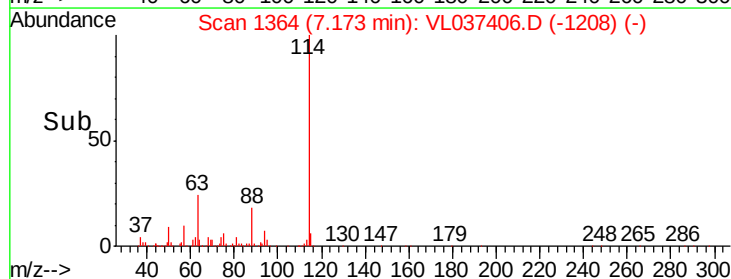
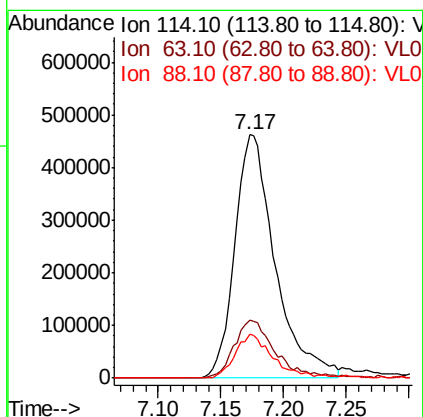
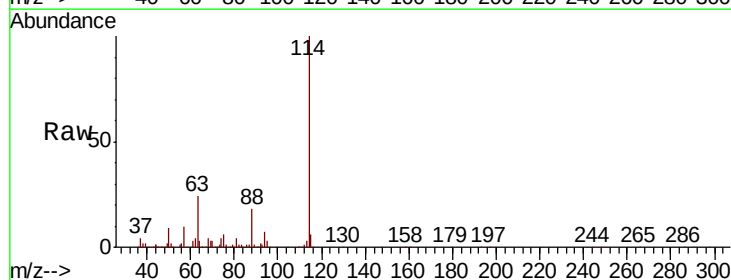
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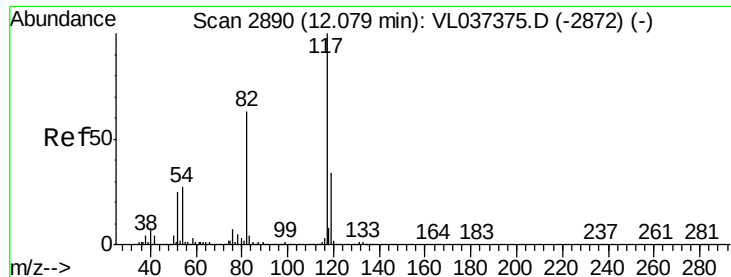
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL037406.D
Acq: 12 Aug 2021 1:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.5	29.3
88	18.1	14.3	21.5





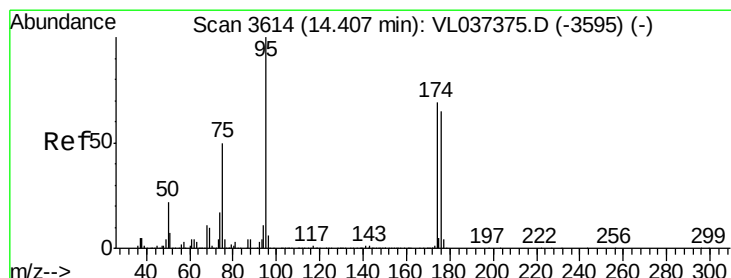
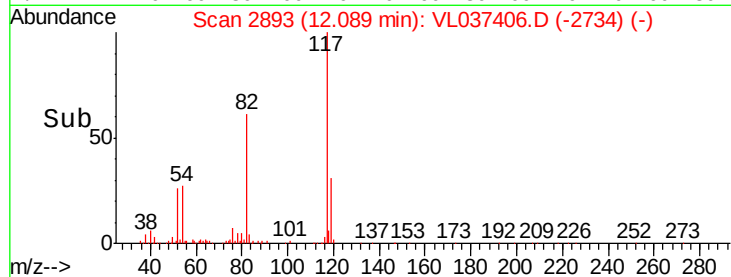
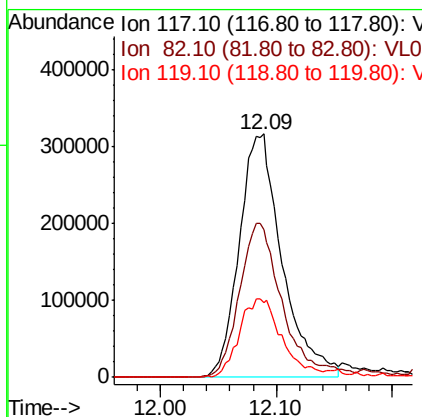
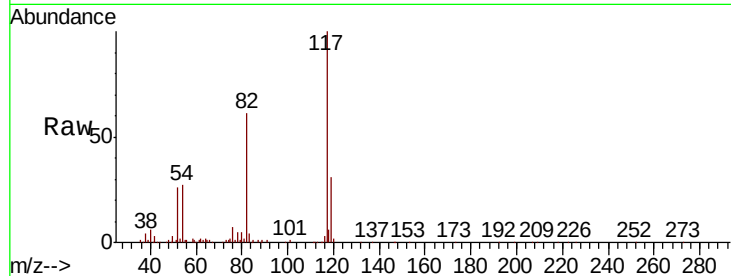
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.01 min
Lab File: VL037406.D
Acq: 12 Aug 2021 1:52

Instrument :
MSVOA_L
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OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	813714		
82	65.4	52.6	78.8	
119	34.6	46.7	70.1	

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#68
1-Bromo-4-Fluorobenzene
Concen: 8.012 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.01 min
Lab File: VL037406.D
Acq: 12 Aug 2021 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	486194		
174	71.8	58.3	87.5	
175	5.6	4.3	6.5	

