

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035849.D
 Acq On : 5 Nov 2020 1:59
 Operator : SY/AP
 Sample : L4220-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Manual Integrations
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 11/5/2020 2:17:56 PM

Quant Time: Nov 05 05:23:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	845949	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3458363	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3179699	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2227210	9.86	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	6033m	0.163	ppbv	
13) Ethanol	3.60	45	7855	0.976	ppbv	95
15) Acetone	3.83	43	38873m	0.430	ppbv	
20) Methylene Chloride	4.32	84	57638	0.905	ppbv	95
26) Hexane	5.66	57	33152	0.337	ppbv #	45

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

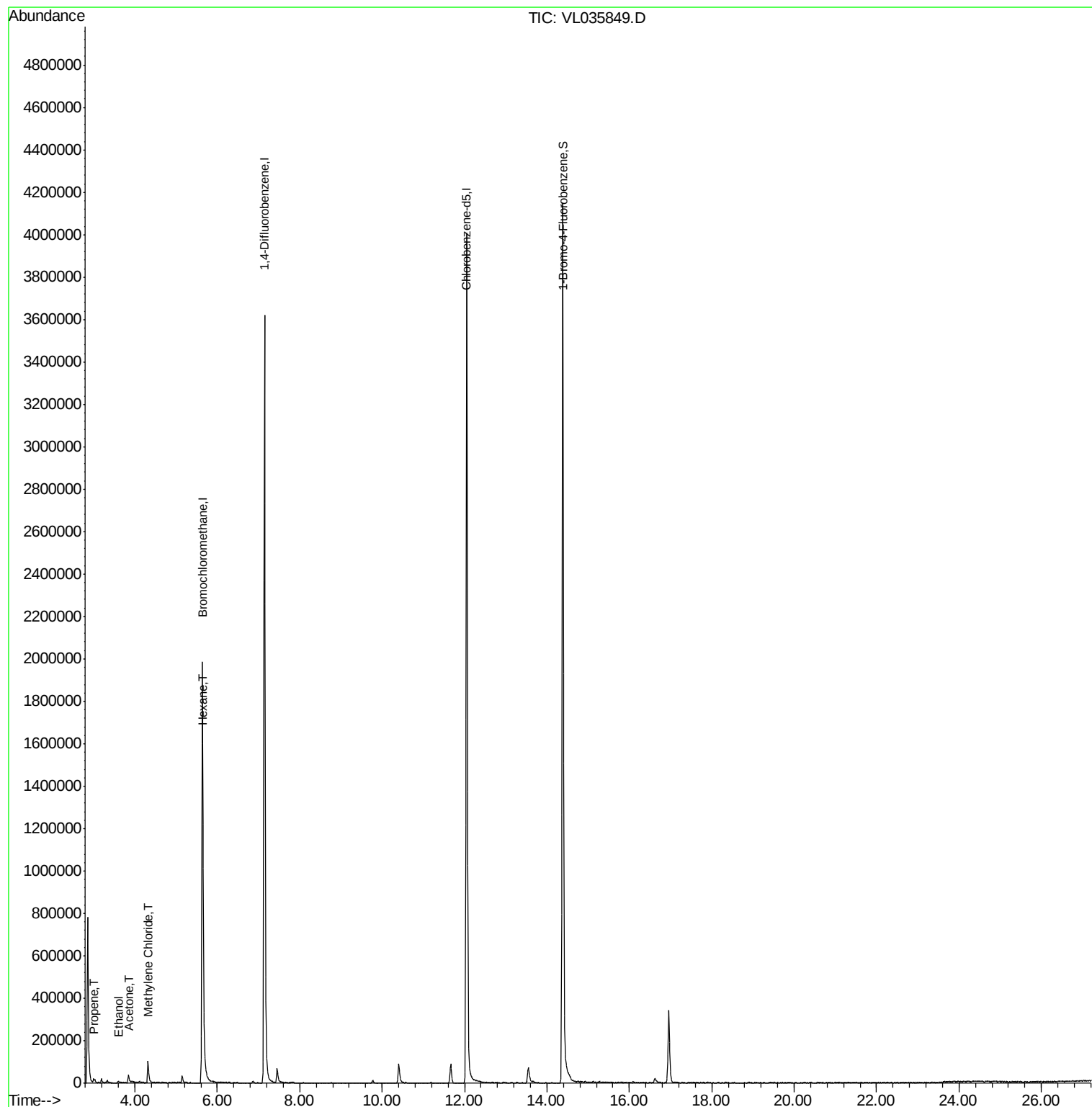
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
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Quant Time: Nov 05 05:23:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035849.D

Acq: 5 Nov 2020 1:59

Instrument :

MSVOA_L

ClientSampled :

IA3DL

Tot Ion: 49 Resp: 845949

Ion Ratio Lower Upper

49 100

128 86.9 41.5 124.6

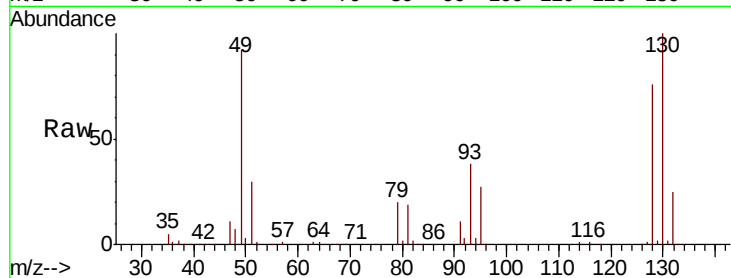
130 111.6 53.7 161.1

Manual Integrations

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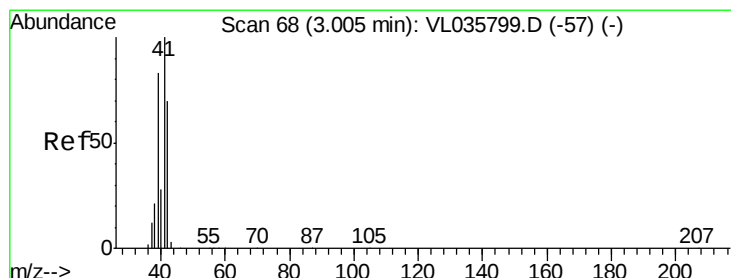
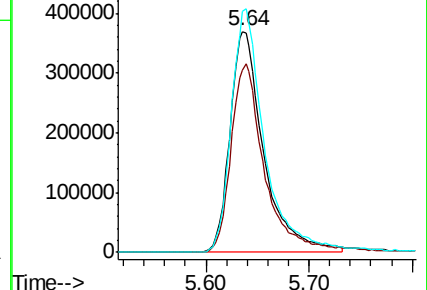
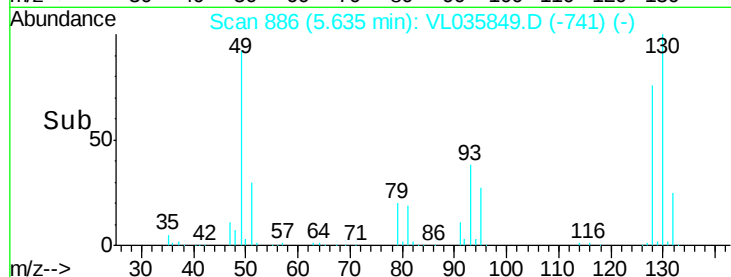
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.163 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035849.D

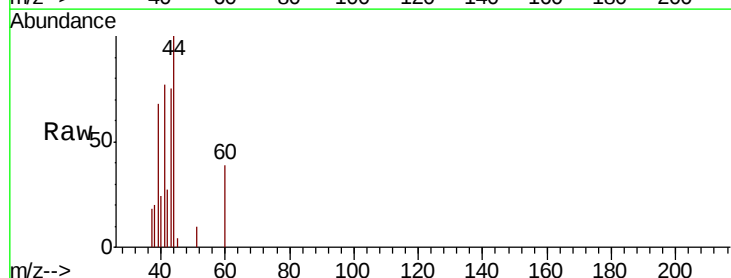
Acq: 5 Nov 2020 1:59

Tgt Ion: 41 Resp: 6033

Ion Ratio Lower Upper

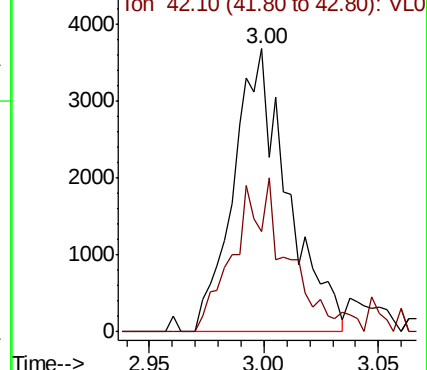
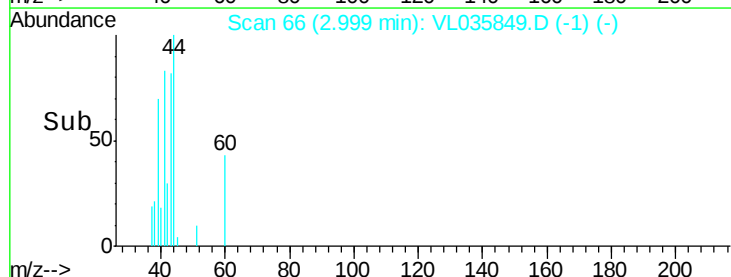
41 100

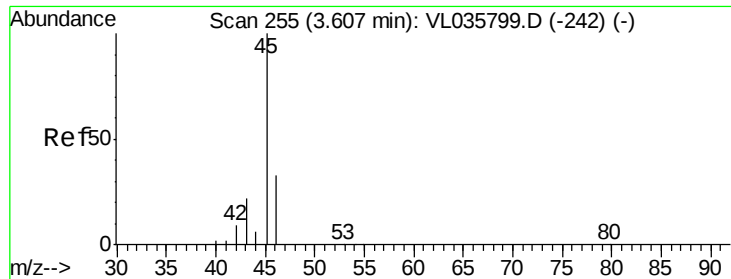
42 53.8 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.976 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035849.D

Acq: 5 Nov 2020 1:59

Instrument :

MSVOA_L

ClientSampleId :

IA3DL

Tot Ion: 45 Resp: 7855

Ion Ratio Lower Upper

45 100

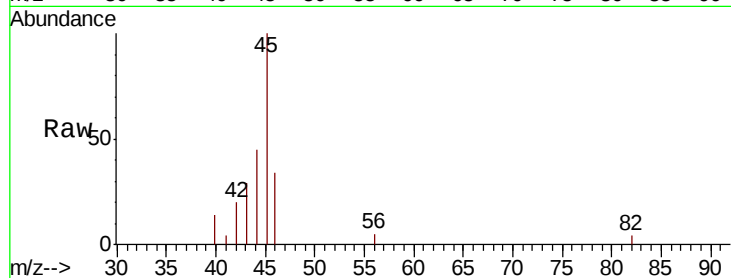
46 43.7 16.1 64.5

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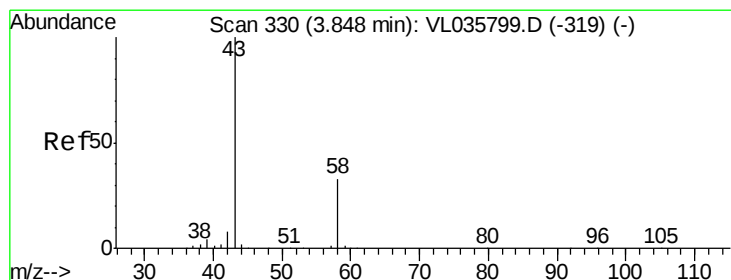
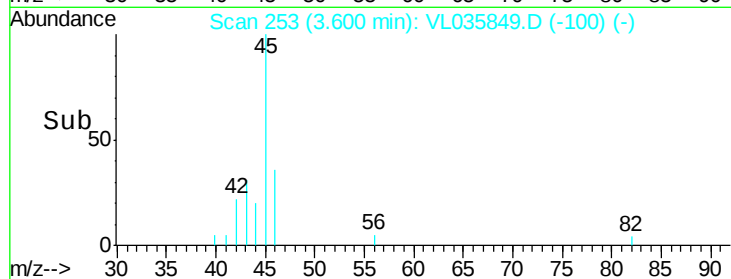
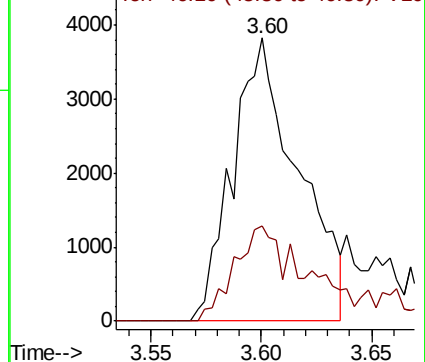
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 0.430 ppbv m

RT: 3.83 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL035849.D

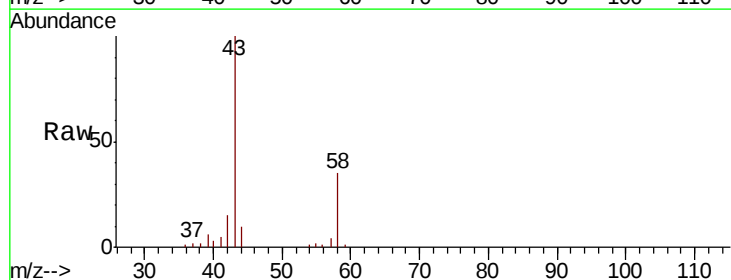
Acq: 5 Nov 2020 1:59

Tgt Ion: 43 Resp: 38873

Ion Ratio Lower Upper

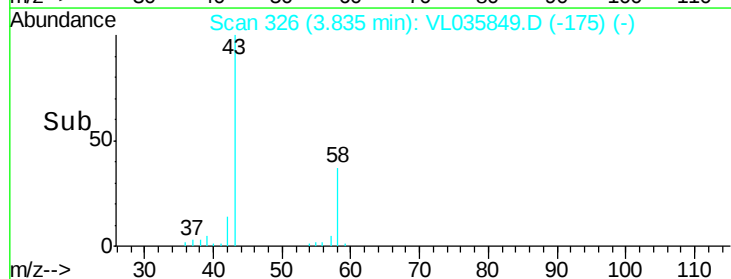
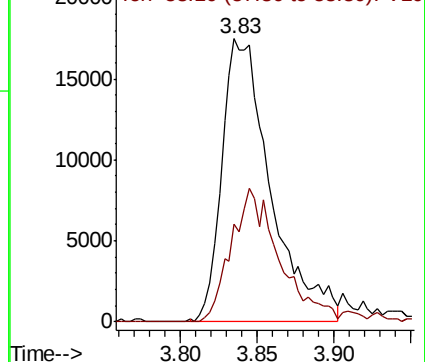
43 100

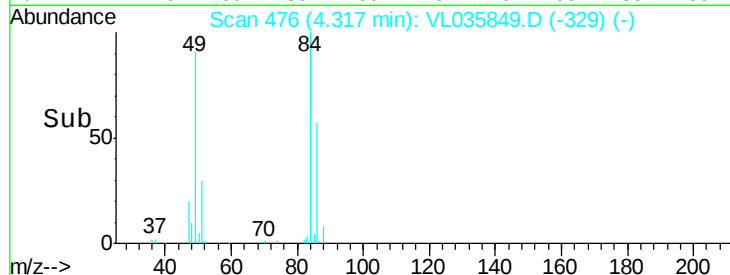
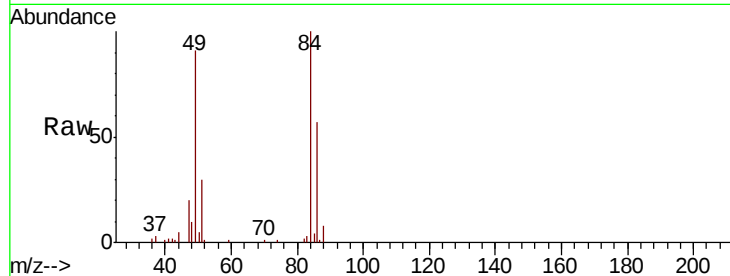
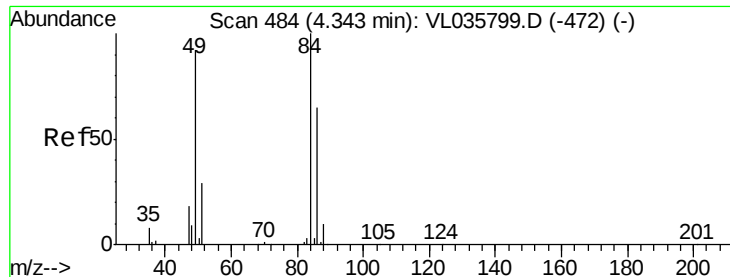
58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





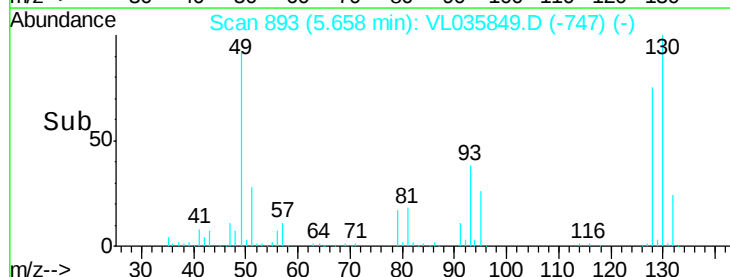
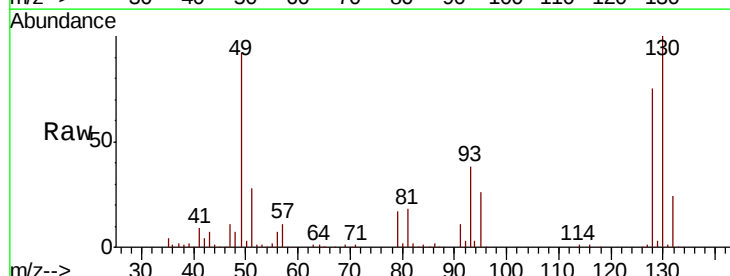
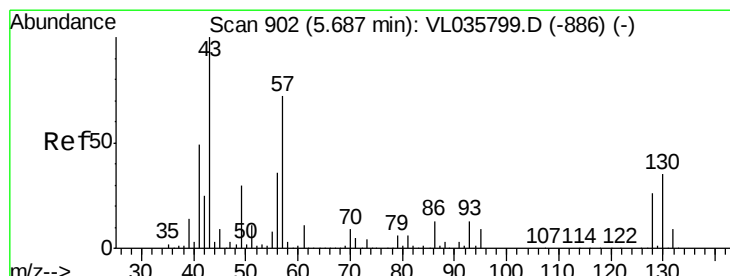
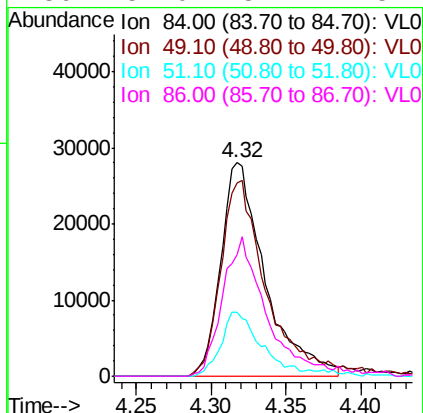
#20
Methvlene Chloride
Concen: 0.905 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035849.D
Acq: 5 Nov 2020 1:59

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	90.8	73.8	110.8	
51	29.7	23.0	34.4	
86	57.0	52.1	78.1	

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

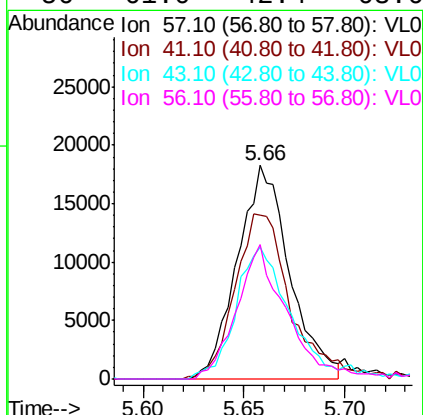
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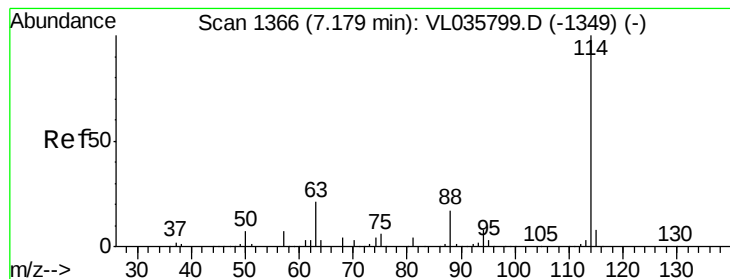
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#26
Hexane
Concen: 0.337 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035849.D
Acq: 5 Nov 2020 1:59

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	85.5	58.9	88.3	
43	66.5	150.2	225.2#	
56	61.0	42.4	63.6	





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.04 min

Lab File: VL035849.D

Acq: 5 Nov 2020 1:59

Instrument :

MSVOA_L

ClientSampled :

IA3DL

Tot Ion:114 Resp: 3458363

Ion Ratio Lower Upper

114 100

63 19.2 16.1 24.1

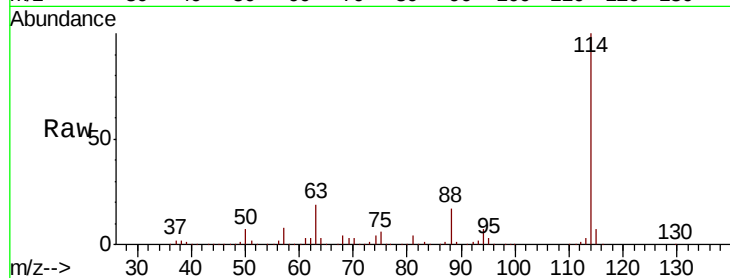
88 16.7 13.7 20.5

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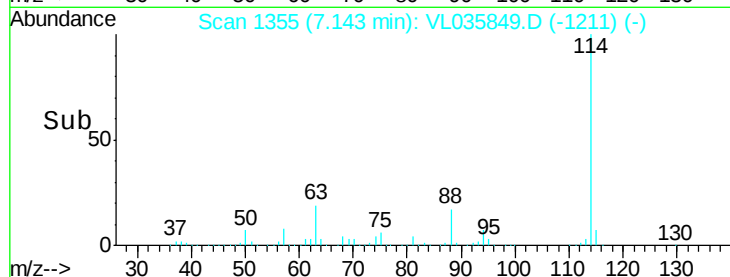


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

Time-->



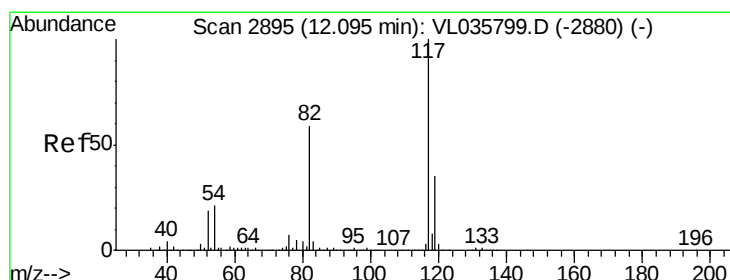
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.04 min

Lab File: VL035849.D

Acq: 5 Nov 2020 1:59

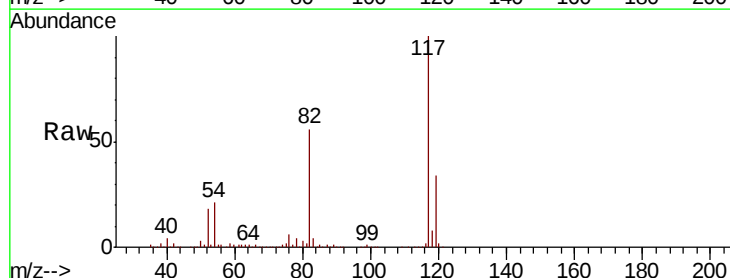
Tgt Ion:117 Resp: 3179699

Ion Ratio Lower Upper

117 100

82 57.8 50.6 76.0

119 34.3 52.6 78.8#

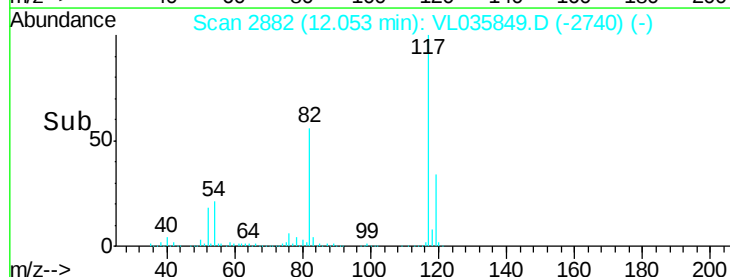


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

Time-->



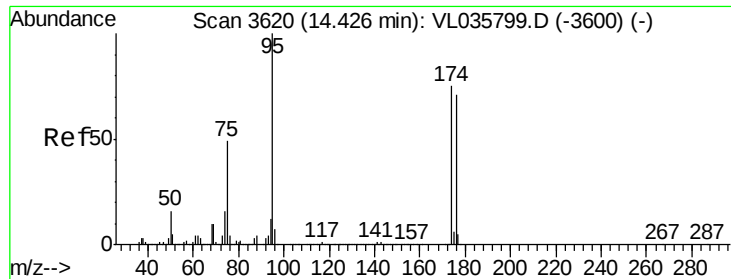
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

Time-->



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.859 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T. -0.04 min
 Lab File: VL035849.D
 Acq: 5 Nov 2020 1:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.9	59.8	89.6
175	5.5	4.3	6.5

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