

Data File : VL036790.D
Acq On : 12 Apr 2021 15:18
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Apr 12 16:39:58 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1443143	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3525331	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2771397	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1712174	7.75	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	7813	0.091	ppbv #	14
13) Ethanol	3.63	45	8222	0.803	ppbv #	1
15) Acetone	3.87	43	70187	0.494	ppbv #	73
20) Methylene Chloride	4.36	84	54455	0.819	ppbv	95
25) Ethyl Acetate	5.70	43	37558	0.111	ppbv #	79
26) Hexane	5.70	57	56390	0.360	ppbv #	45
39) 1,2-Dichloropropane	7.19	63	925981	7.021	ppbv #	24

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041221\

Quantitation Report (Not Reviewed)

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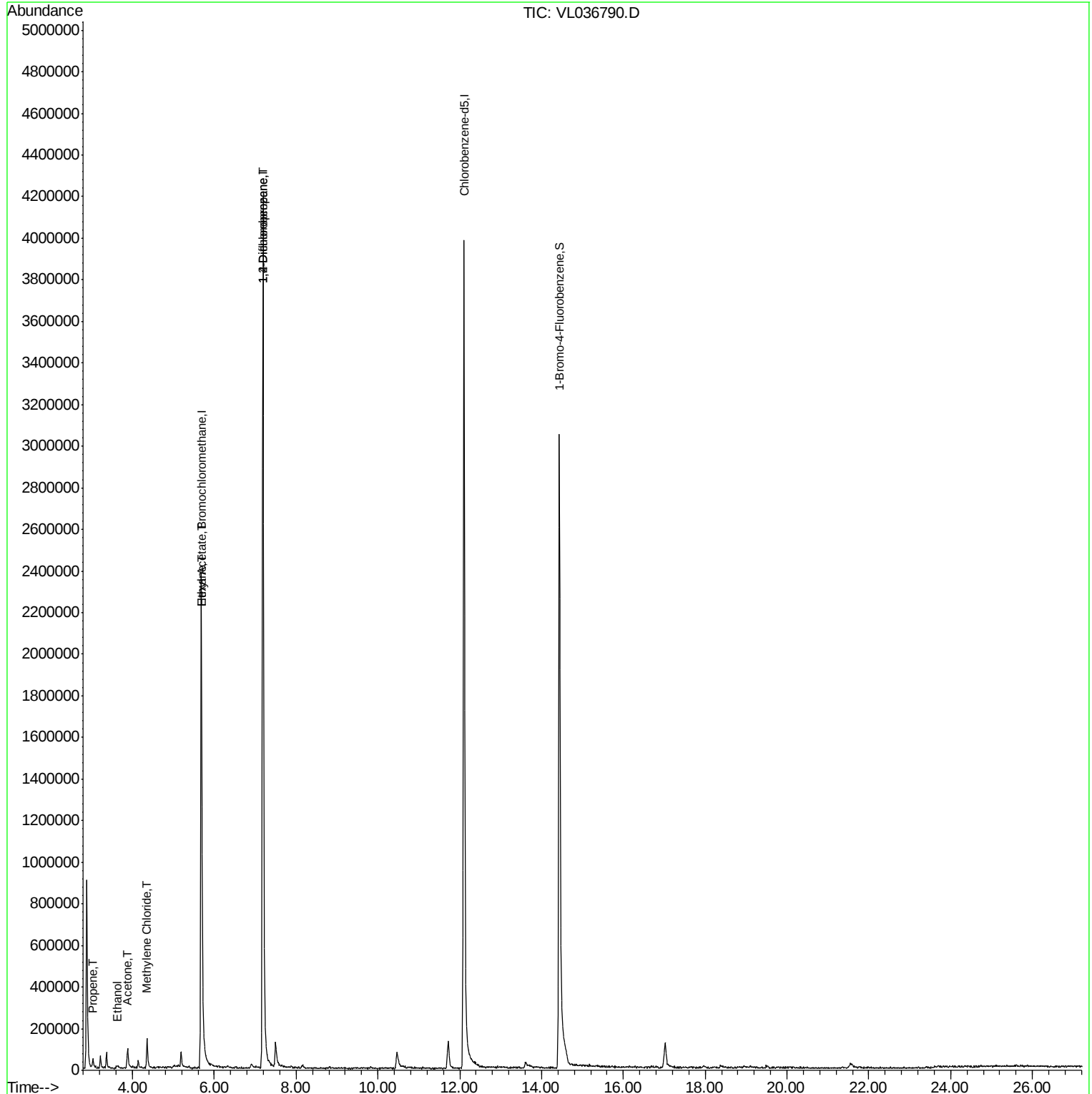
Quant Time: Apr 12 16:39:58 2021

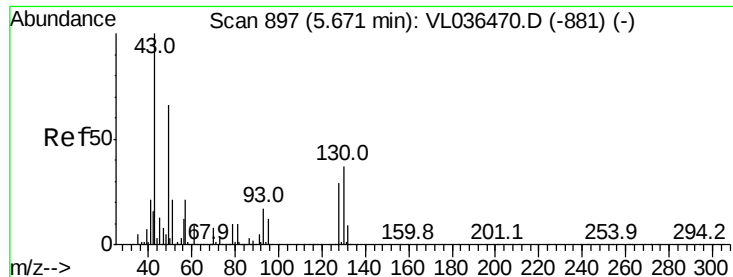
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampled :

VIBLK

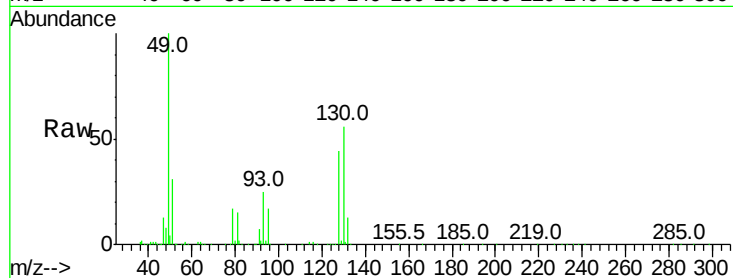
Tgt Ion: 49 Resp: 1443143

Ion Ratio Lower Upper

49 100

128 47.3 23.5 70.6

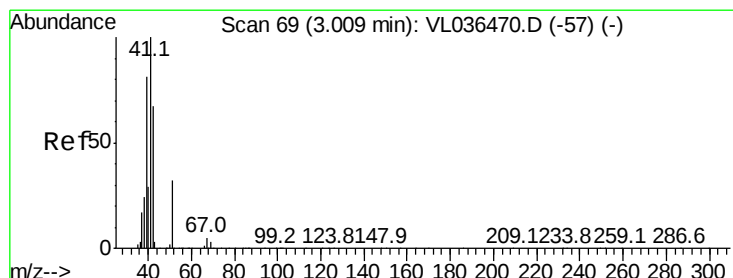
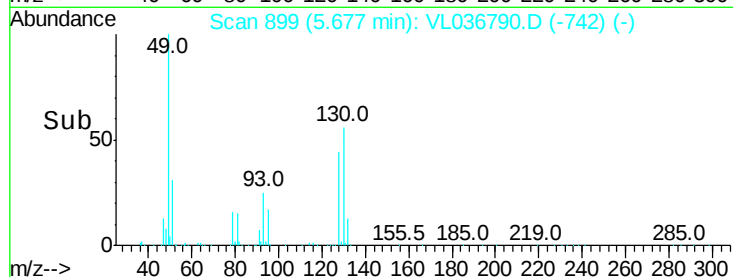
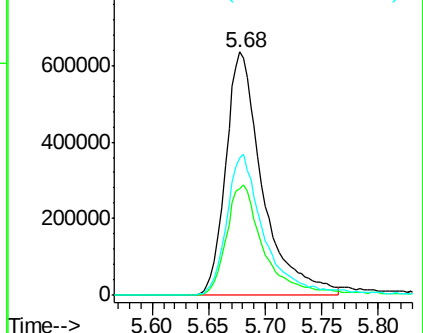
130 59.8 29.1 87.4



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



#9

Propene

Concen: 0.091 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL036790.D

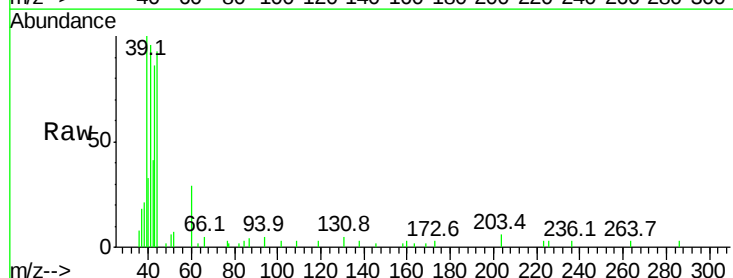
Acq: 12 Apr 2021 15:18

Tgt Ion: 41 Resp: 7813

Ion Ratio Lower Upper

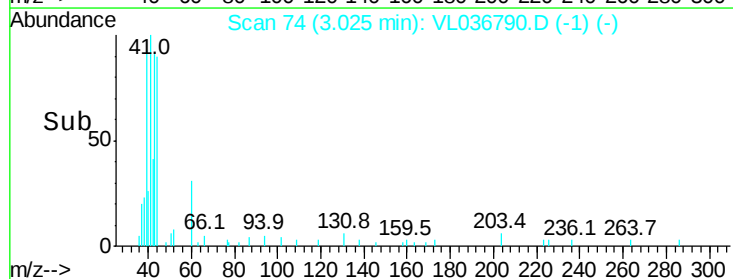
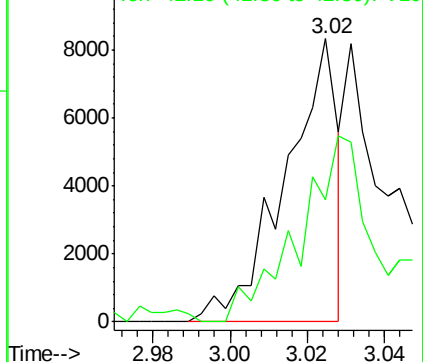
41 100

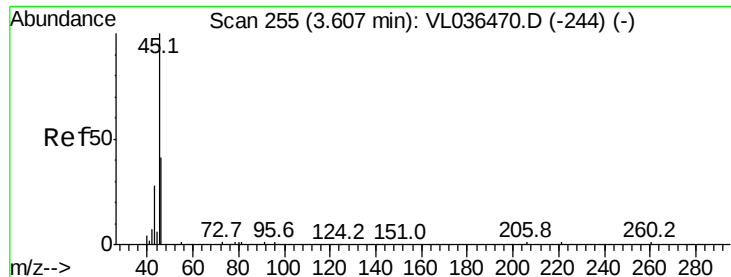
42 0.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.803 ppbv

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

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ClientSampleId :

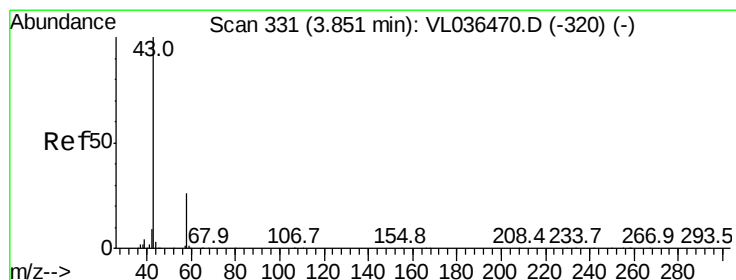
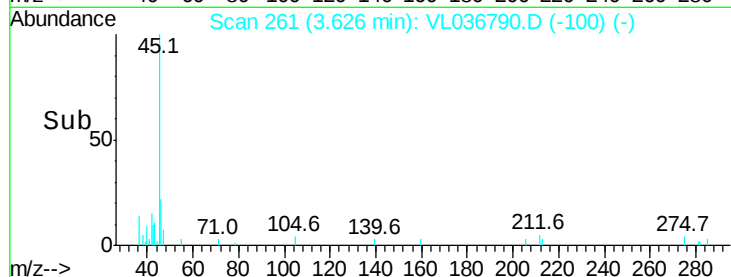
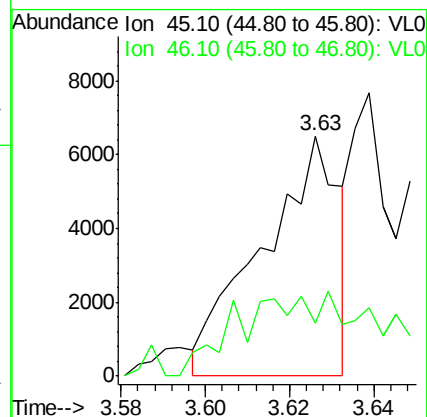
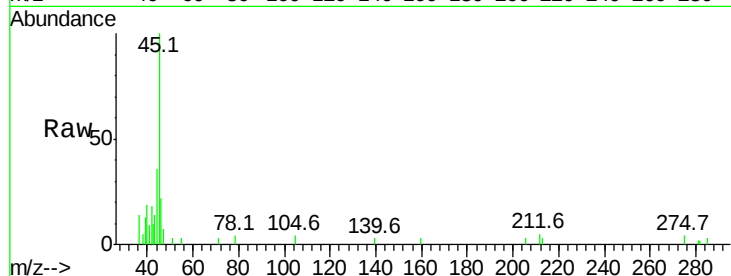
VIBLK

Tgt Ion: 45 Resp: 8222

Ion Ratio Lower Upper

45 100

46 108.1 16.6 66.2#



#15

Acetone

Concen: 0.494 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL036790.D

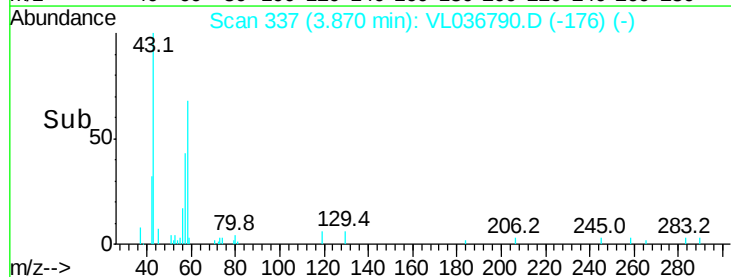
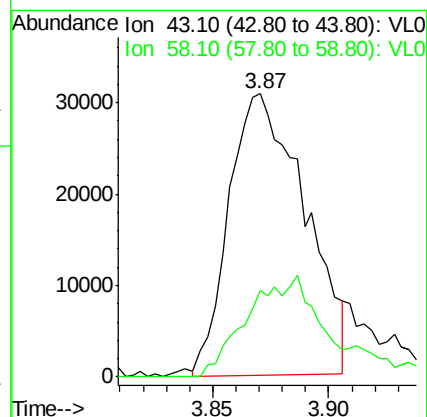
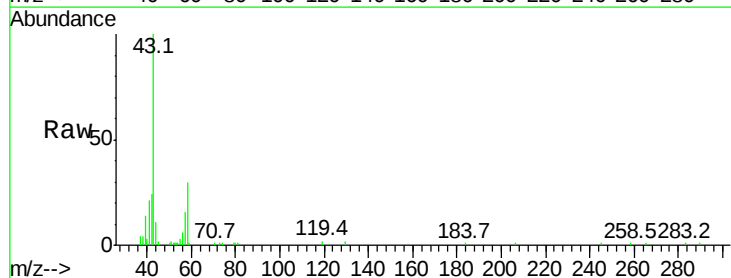
Acq: 12 Apr 2021 15:18

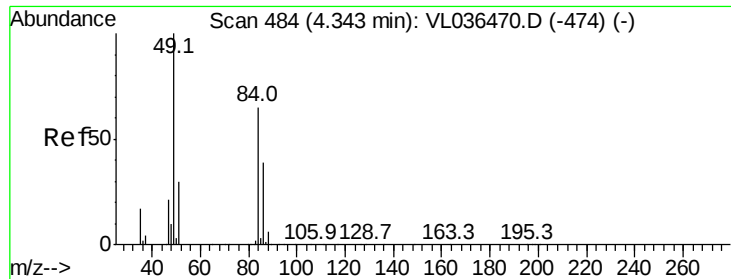
Tgt Ion: 43 Resp: 70187

Ion Ratio Lower Upper

43 100

58 40.1 21.2 31.8#

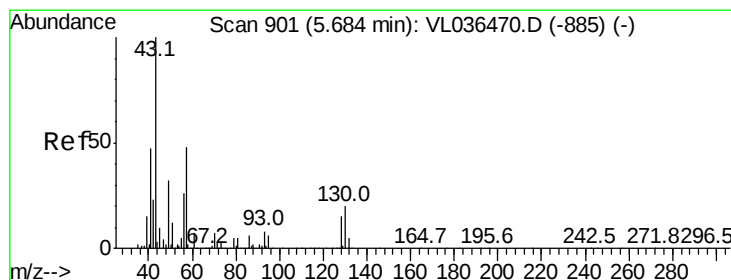
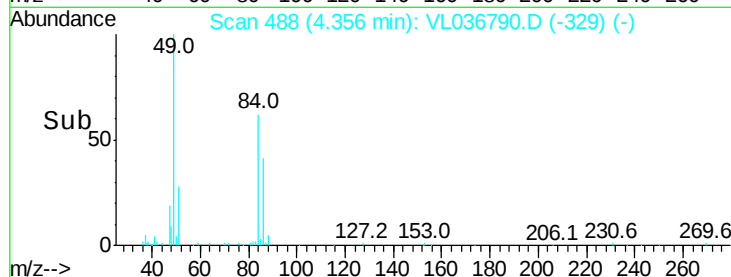
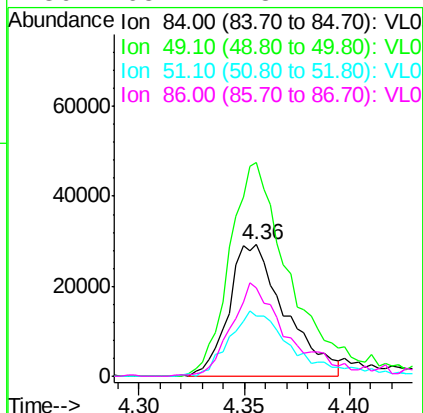
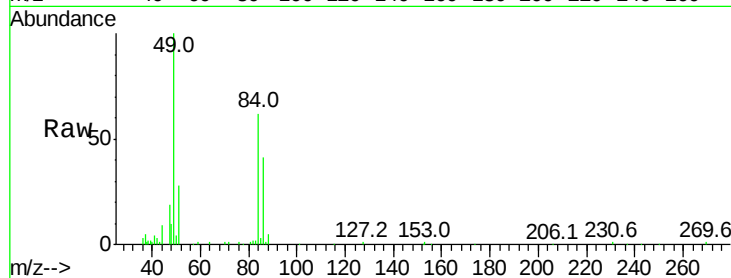




#20
Methylene Chloride
Concen: 0.819 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

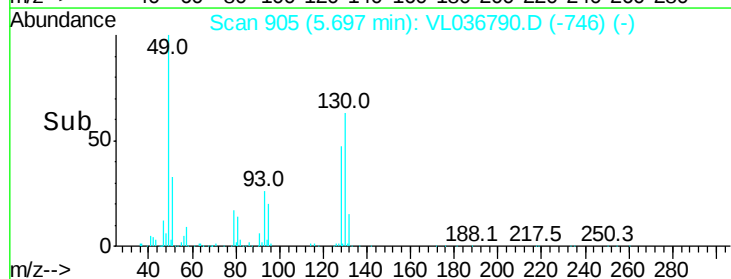
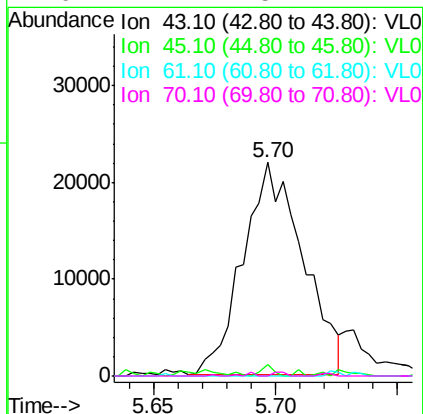
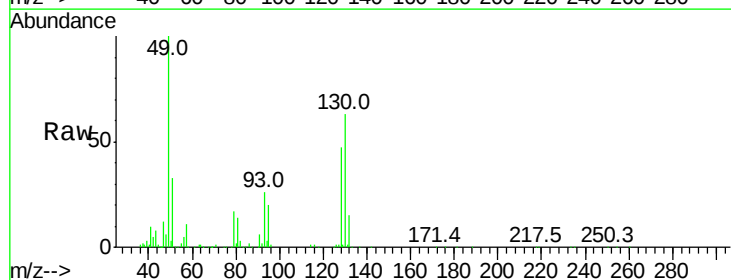
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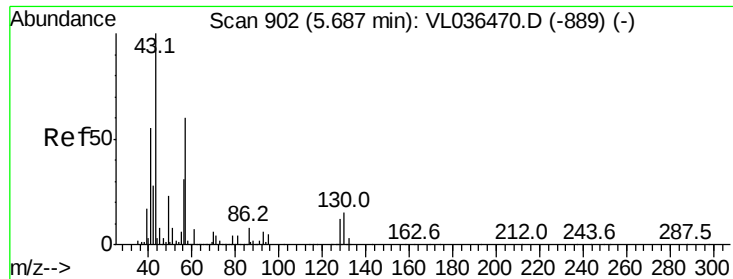
Tgt Ion:	84	Resp:	54455
Ion	Ratio	Lower	Upper
84	100		
49	160.0	122.9	184.3
51	43.7	36.9	55.3
86	65.4	48.2	72.4



#25
Ethyl Acetate
Concen: 0.111 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

Tgt Ion:	43	Resp:	37558
Ion	Ratio	Lower	Upper
43	100		
45	2.6	7.9	11.9#
61	0.0	7.4	11.2#
70	1.1	5.1	7.7#

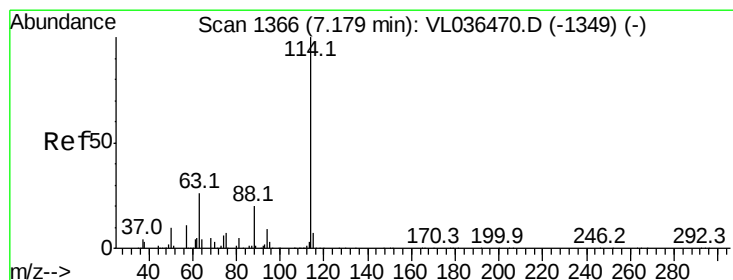
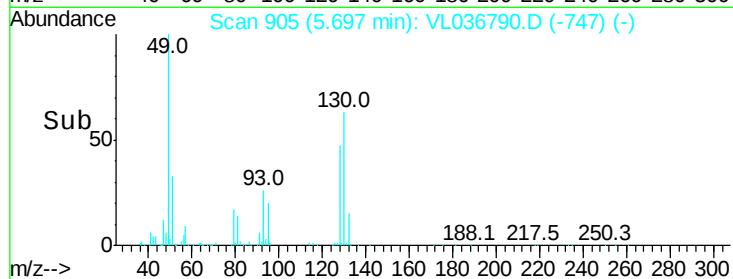
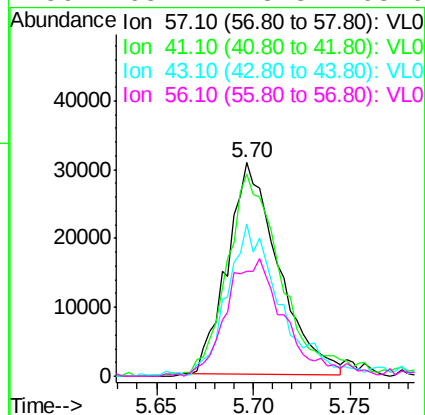
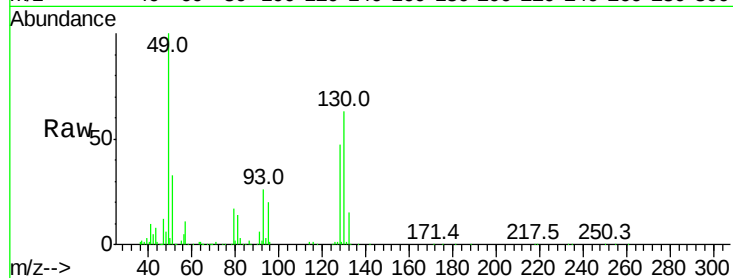




#26
Hexane
Concen: 0.360 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036790.D
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Tgt Ion:	57	Resp:	56390
Ion	Ratio	Lower	Upper
57	100		
41	104.3	77.2	115.8
43	79.9	173.8	260.6#
56	65.4	43.8	65.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

Tgt Ion:	114	Resp:	3525331
Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.7	15.4	23.0

