

Data File : VL035735.D
Acq On : 29 Sep 2020 22:09
Operator : SY/AP
Sample : CAN 10269
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10269

Quant Time: Sep 30 02:42:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1064949	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3870465	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	3868573	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2921399	10.08	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

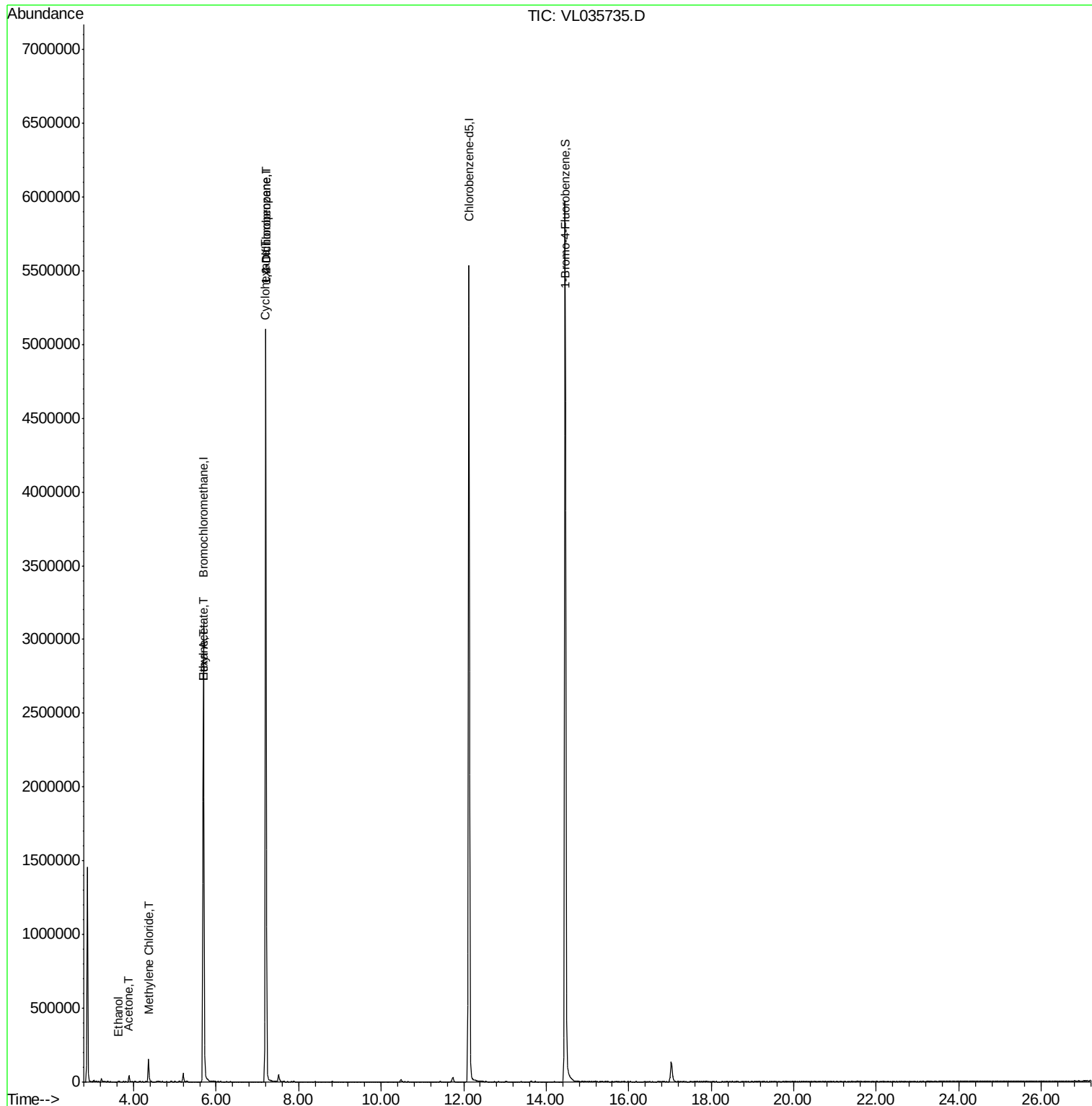
Target Compounds						Qvalue
13) Ethanol	3.64	45	2187	0.213	ppbv	86
15) Acetone	3.88	43	27256	0.238	ppbv #	26
20) Methylene Chloride	4.36	84	70598	0.839	ppbv	95
25) Ethyl Acetate	5.71	43	6462	0.031	ppbv #	74
26) Hexane	5.71	57	9968	0.088	ppbv #	44
30) Cyclohexane	7.19	84	5869	0.053	ppbv #	7
39) 1,2-Dichloropropane	7.20	63	769498	8.418	ppbv #	31

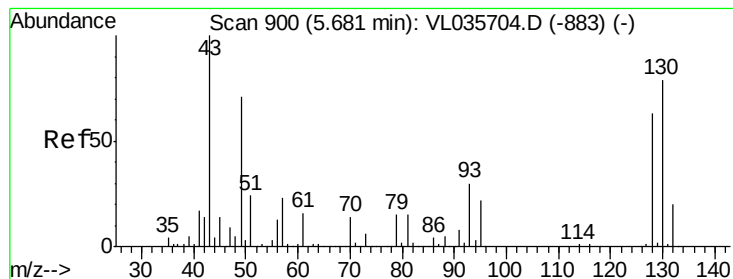
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.01 min

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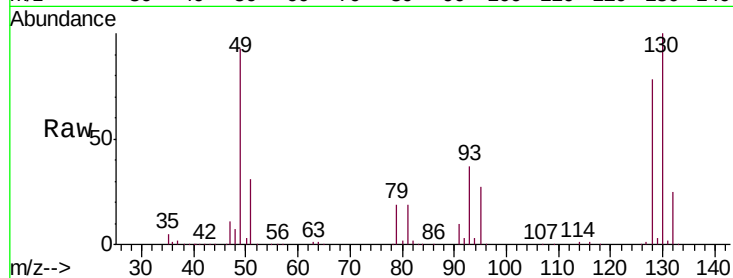
Tgt Ion: 49 Resp: 1064949

Ion Ratio Lower Upper

49 100

128 84.4 43.1 129.4

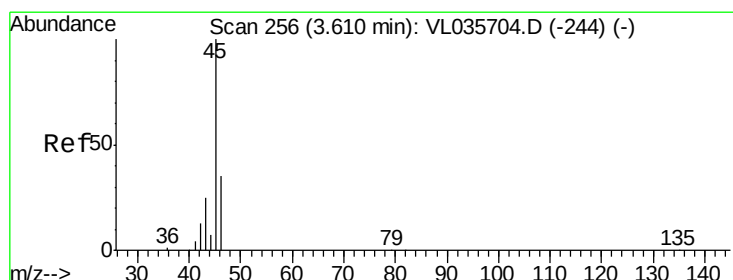
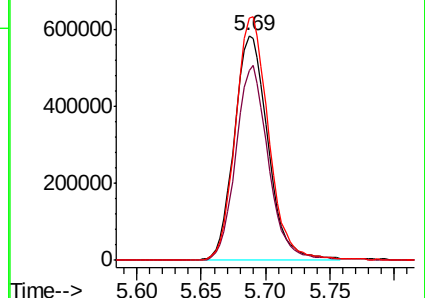
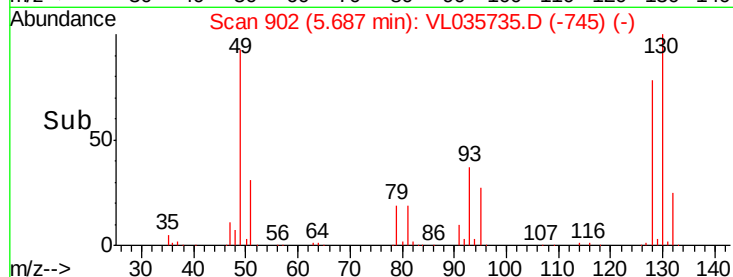
130 107.5 54.9 164.7



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: 0.213 ppbv

RT: 3.64 min Scan# 264

Delta R.T. 0.03 min

Lab File: VL035735.D

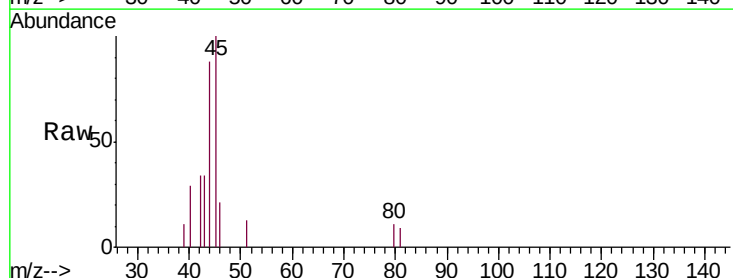
Acq: 29 Sep 2020 22:09

Tgt Ion: 45 Resp: 2187

Ion Ratio Lower Upper

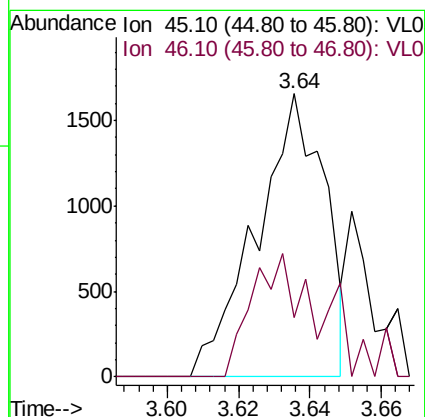
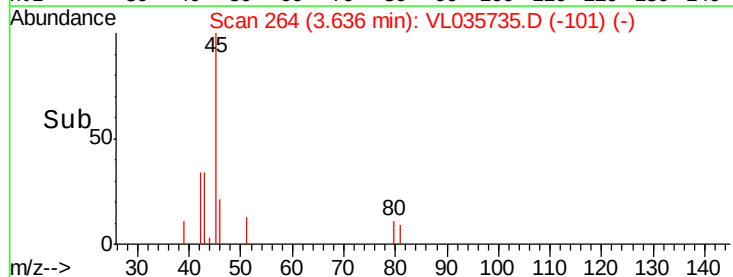
45 100

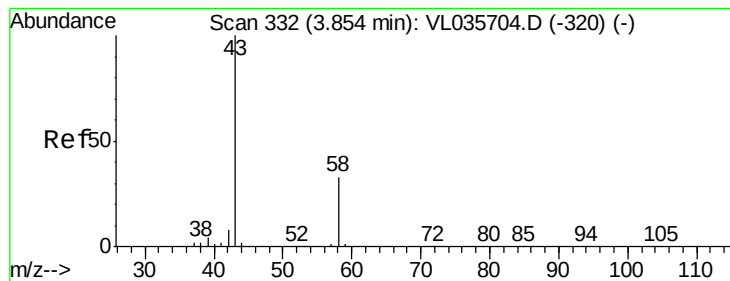
46 45.0 14.7 58.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.238 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL035735.D

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Instrument :

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ClientSampleId :

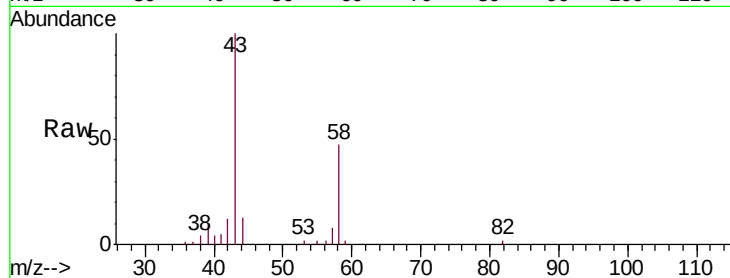
CAN 10269

Tgt Ion: 43 Resp: 27256

Ion Ratio Lower Upper

43 100

58 76.6 27.3 40.9#

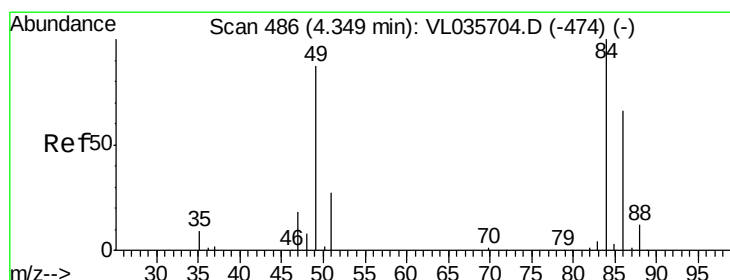
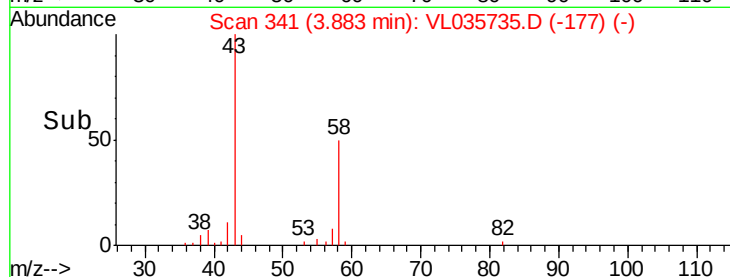


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.88

Time-->



#20

Methylene Chloride

Concen: 0.839 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

Tgt Ion: 84 Resp: 70598

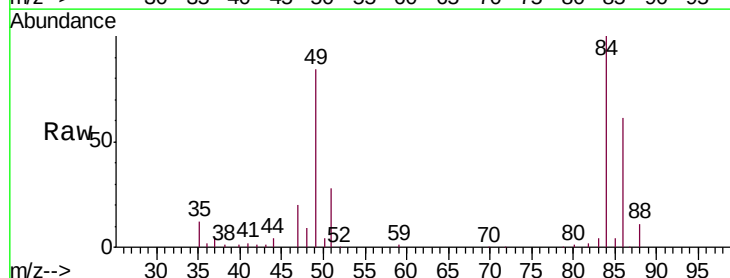
Ion Ratio Lower Upper

84 100

49 83.6 69.8 104.6

51 28.4 21.8 32.8

86 60.5 52.6 78.8



Abundance Ion 84.00 (83.70 to 84.70): VL0

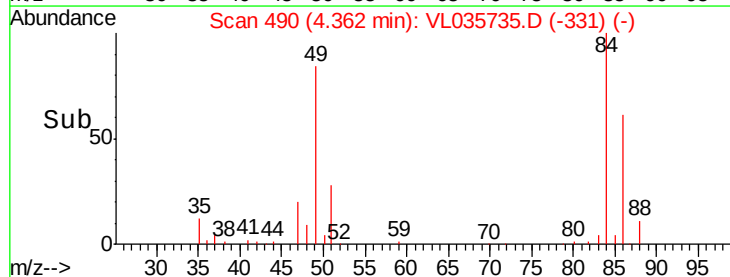
Ion 49.10 (48.80 to 49.80): VL0

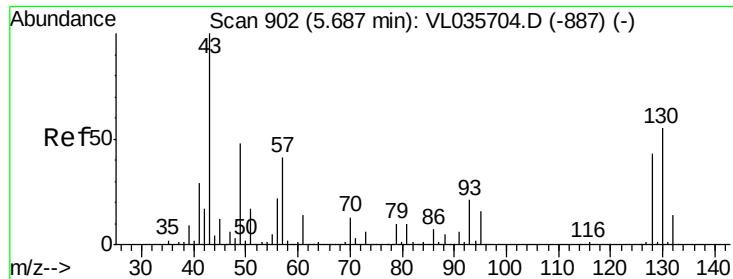
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.36

Time-->

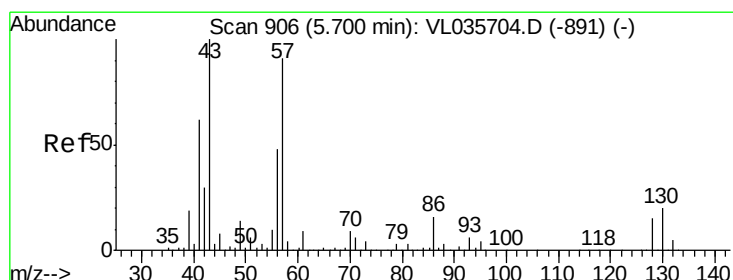
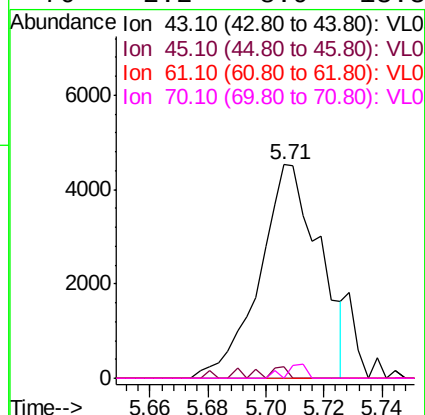
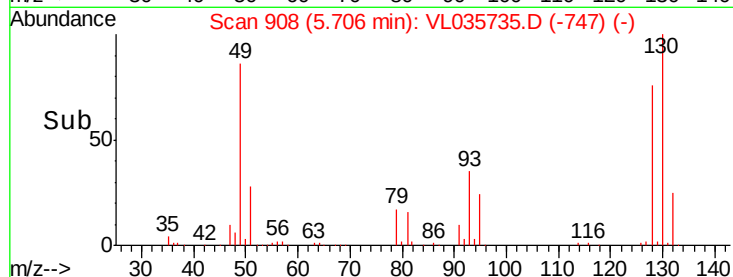
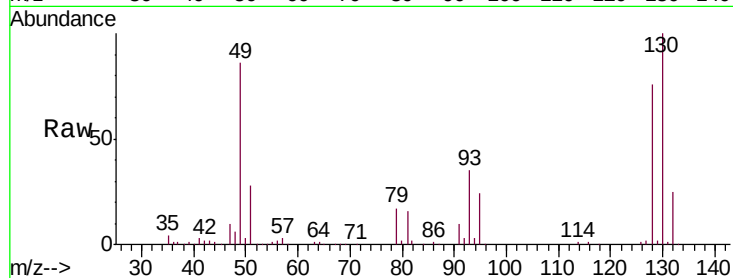




#25
Ethyl Acetate
Concen: 0.031 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.02 min
Lab File: VL035735.D
Acq: 29 Sep 2020 22:09

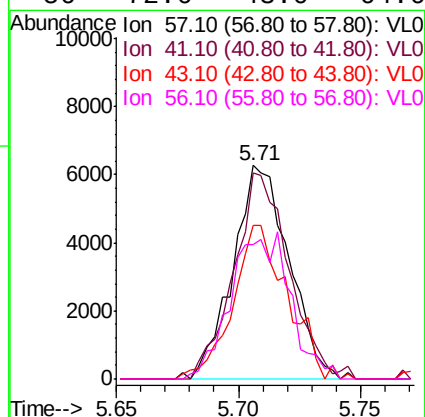
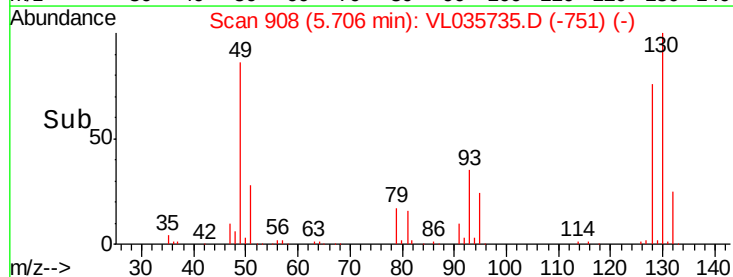
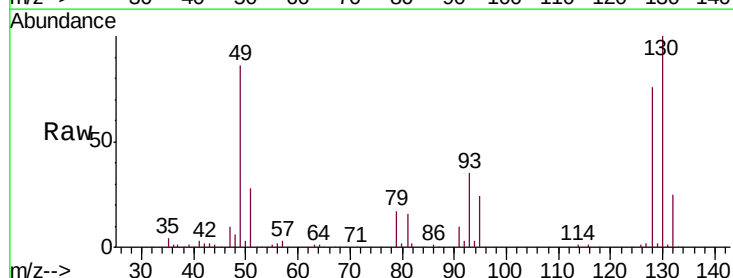
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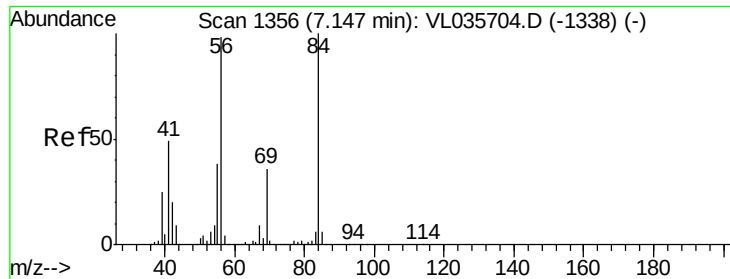
Tgt Ion: 43 Resp: 6462
Ion Ratio Lower Upper
43 100
45 2.6 8.6 12.8#
61 0.0 10.4 15.6#
70 2.2 8.9 13.3#



#26
Hexane
Concen: 0.088 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035735.D
Acq: 29 Sep 2020 22:09

Tgt Ion: 57 Resp: 9968
Ion Ratio Lower Upper
57 100
41 95.8 57.9 86.9#
43 70.6 143.8 215.6#
56 72.6 43.0 64.6#

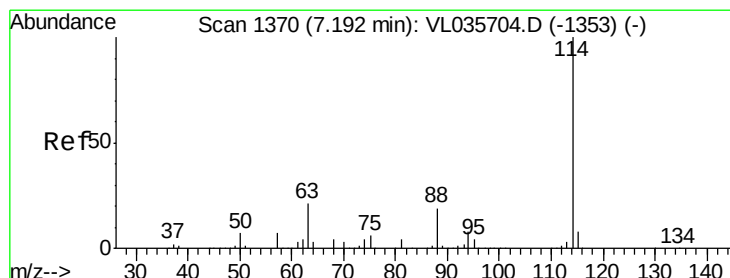
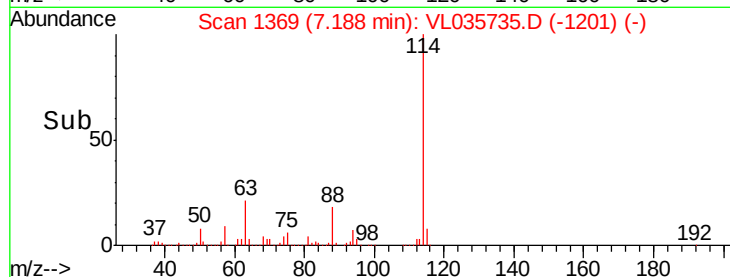
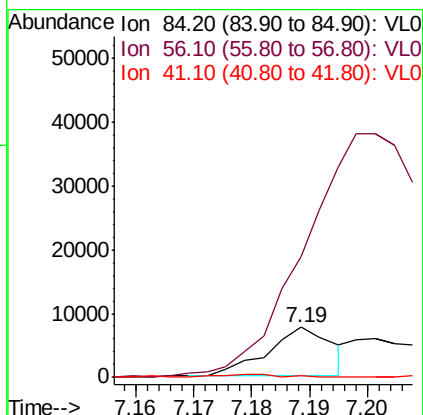
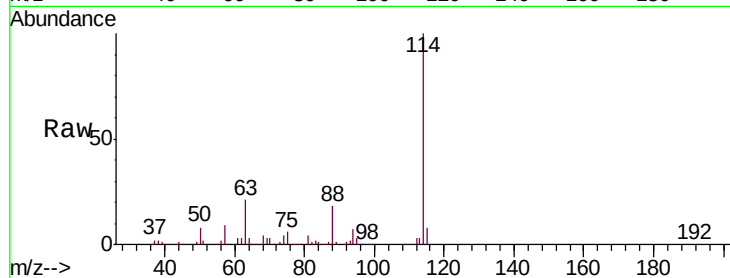




#30
Cyclohexane
Concen: 0.053 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VL035735.D
Acq: 29 Sep 2020 22:09

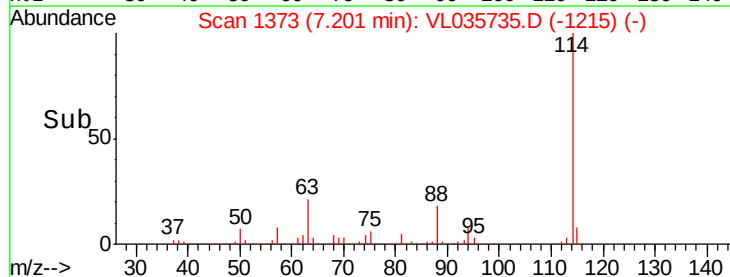
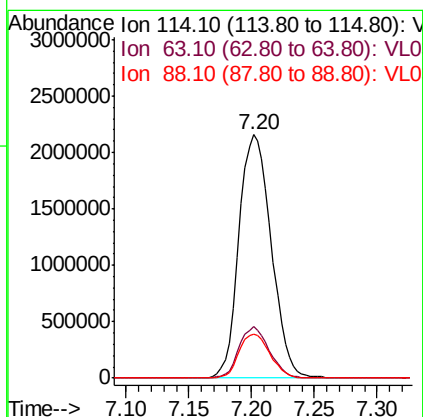
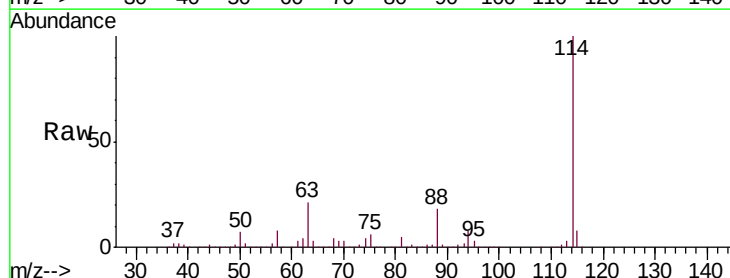
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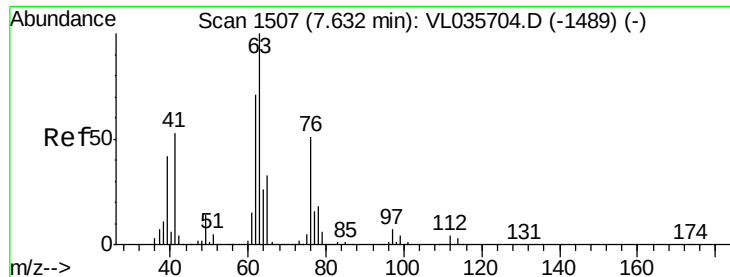
Tgt Ion: 84 Resp: 5869
Ion Ratio Lower Upper
84 100
56 0.0 84.6 127.0#
41 0.0 41.1 61.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.01 min
Lab File: VL035735.D
Acq: 29 Sep 2020 22:09

Tgt Ion: 114 Resp: 3870465
Ion Ratio Lower Upper
114 100
63 20.0 16.1 24.1
88 17.5 14.1 21.1





#39

1,2-Dichloropropane

Concen: 8.418 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.43 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

Instrument :

MSVOA_L

ClientSampleId :

CAN 10269

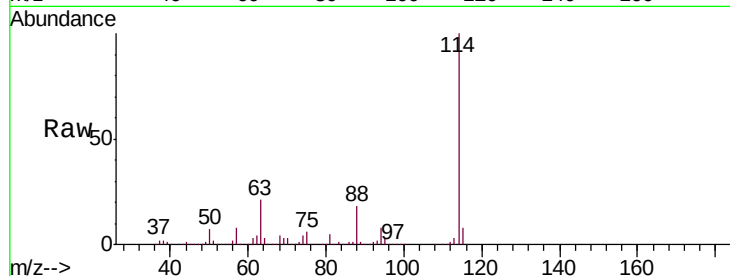
Tgt Ion: 63 Resp: 769498

Ion Ratio Lower Upper

63 100

41 0.0 42.6 63.8#

62 17.2 56.5 84.7#

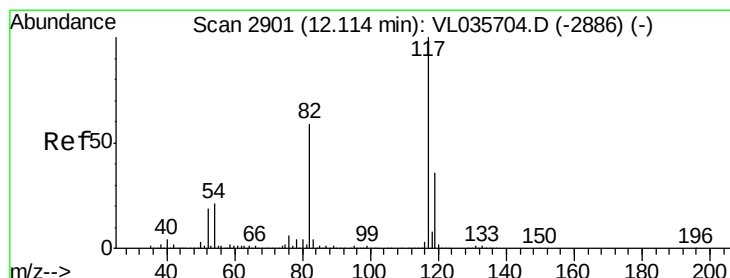
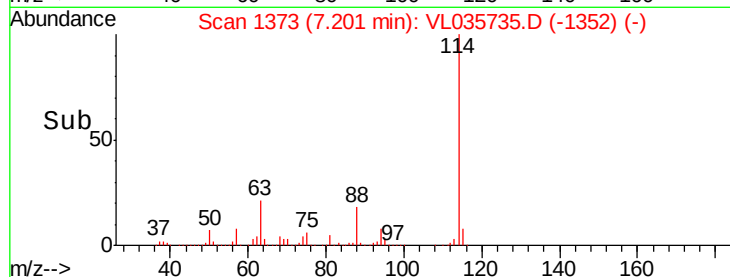
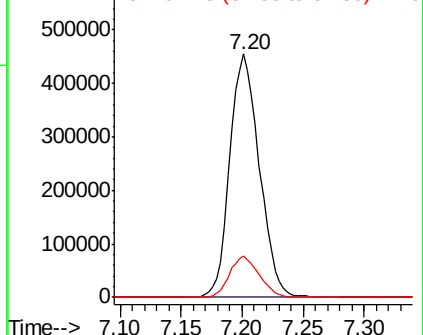


Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

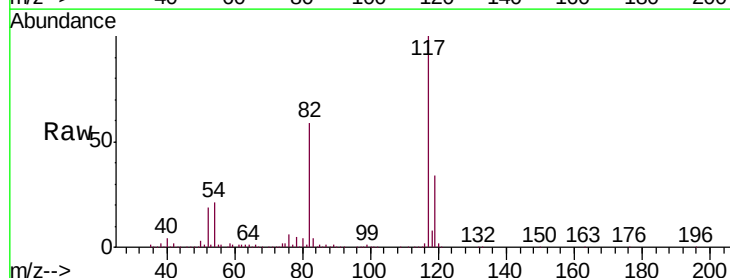
Tgt Ion: 117 Resp: 3868573

Ion Ratio Lower Upper

117 100

82 58.5 46.1 69.1

119 34.3 28.0 42.0

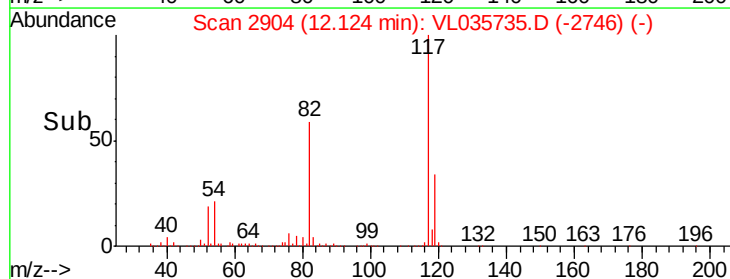
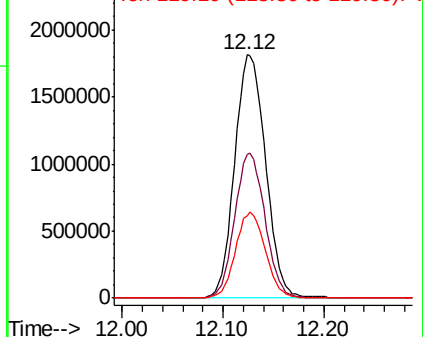


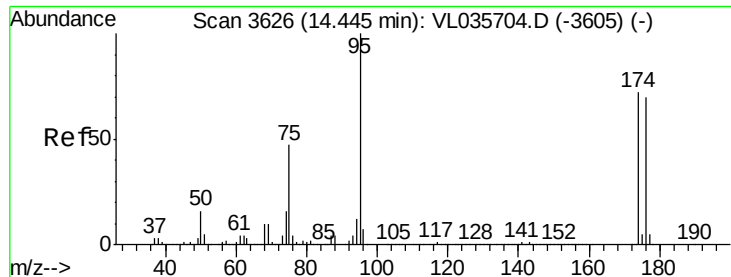
Abundance

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

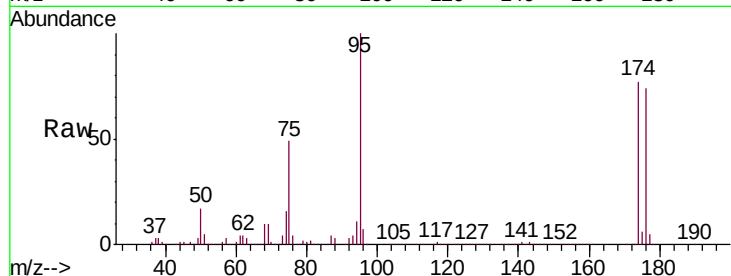




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.078 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: VL035735.D
 Acq: 29 Sep 2020 22:09

Instrument :
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Tgt Ion: 95 Resp: 2921399
 Ion Ratio Lower Upper
 95 100
 174 77.0 59.6 89.4
 175 5.5 4.2 6.4



Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

