

Data File : VL035731.D
Acq On : 29 Sep 2020 19:26
Operator : SY/AP
Sample : QC092320 CAN 10126
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092320 CAN 10126

Quant Time: Sep 30 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.68	49	1126073	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4132142	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4235745	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3193437	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

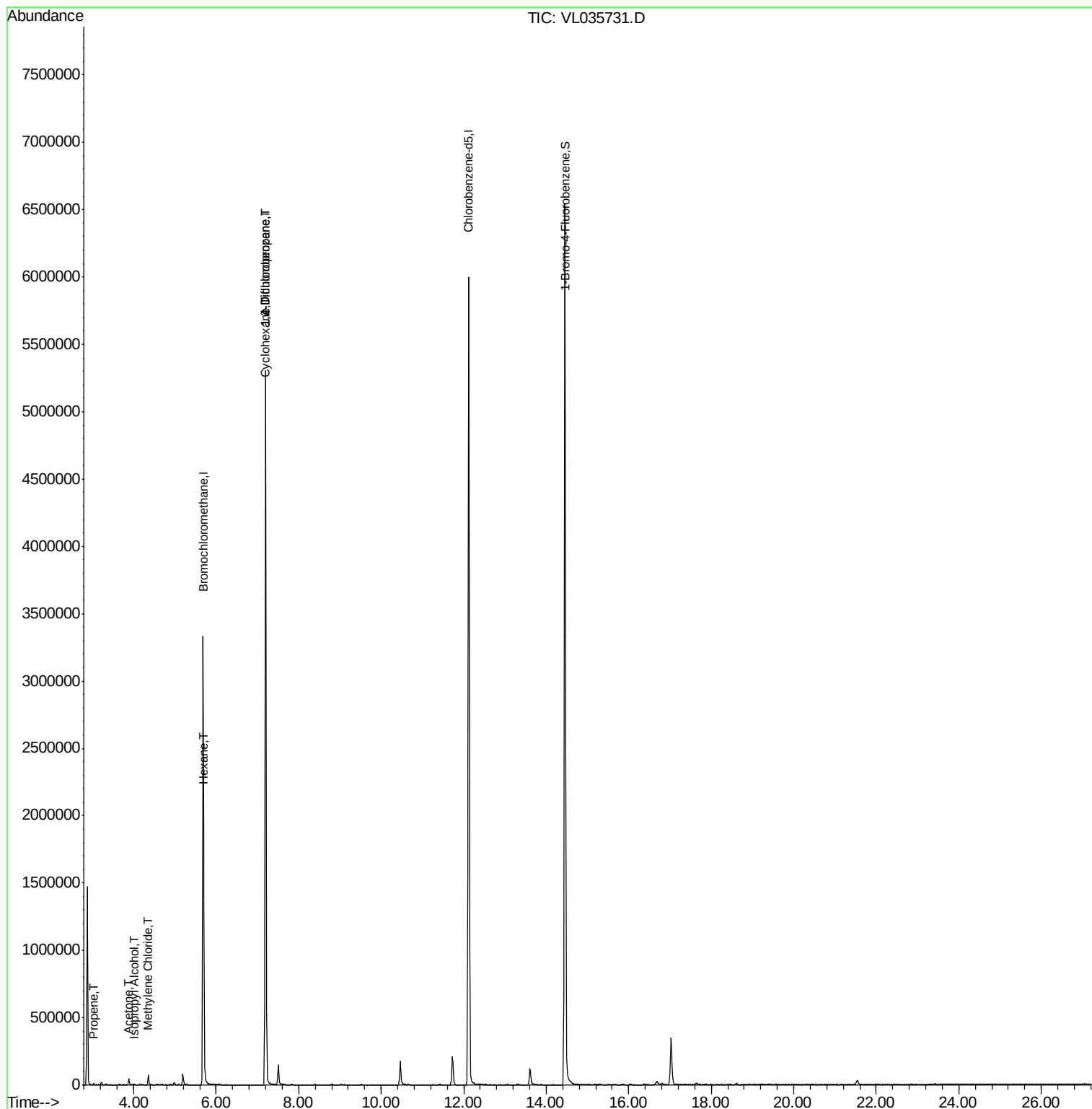
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	3842	0.087	ppbv #	80
15) Acetone	3.88	43	30148	0.249	ppbv #	23
19) Isopropyl Alcohol	4.00	45	3871	0.059	ppbv #	89
20) Methylene Chloride	4.36	84	31322	0.352	ppbv	94
26) Hexane	5.71	57	3890	0.033	ppbv #	47
30) Cyclohexane	7.18	84	9349	0.079	ppbv #	7
39) 1,2-Dichloropropane	7.20	63	824949	8.453	ppbv #	30

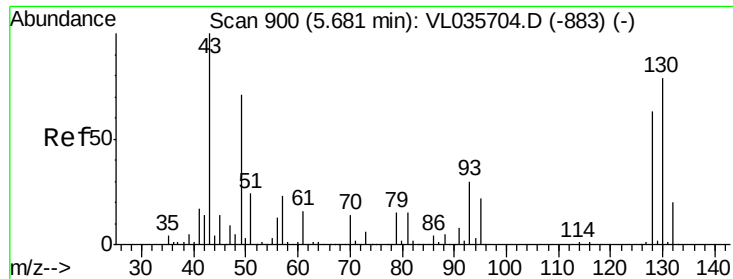
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

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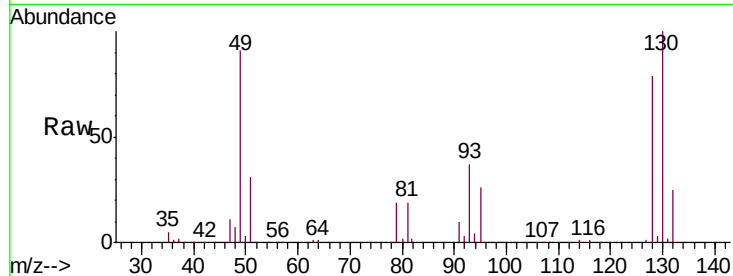
Tgt Ion: 49 Resp: 1126073

Ion Ratio Lower Upper

49 100

128 85.2 43.1 129.4

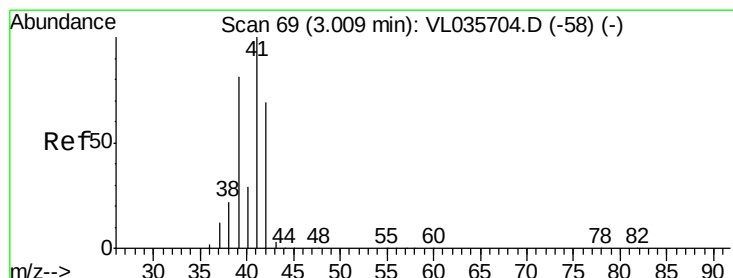
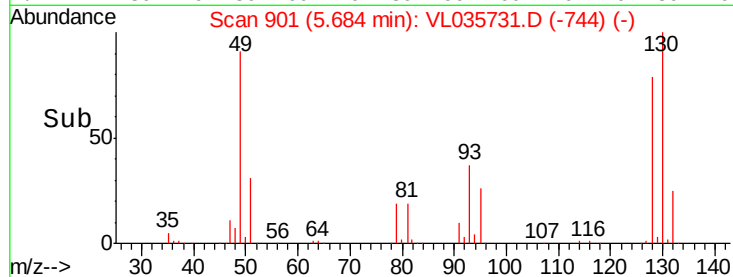
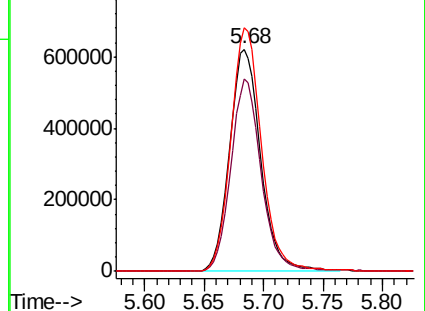
130 109.2 54.9 164.7



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



#9

Propene

Concen: 0.087 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

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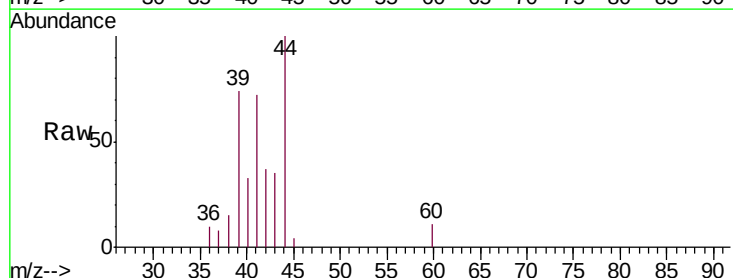
Acq: 29 Sep 2020 19:26

Tgt Ion: 41 Resp: 3842

Ion Ratio Lower Upper

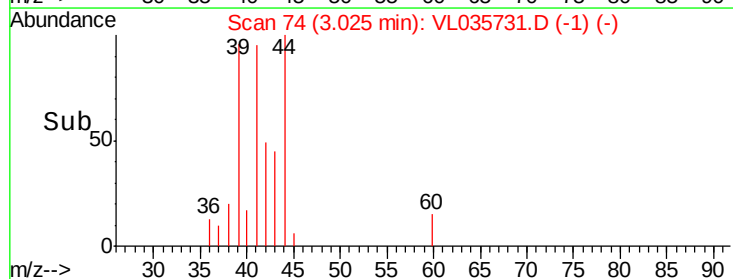
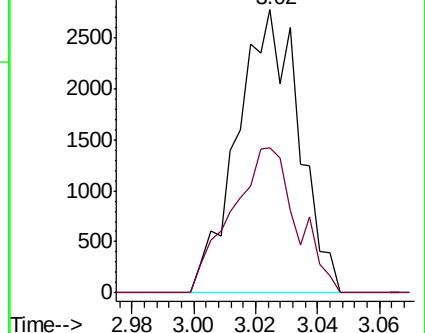
41 100

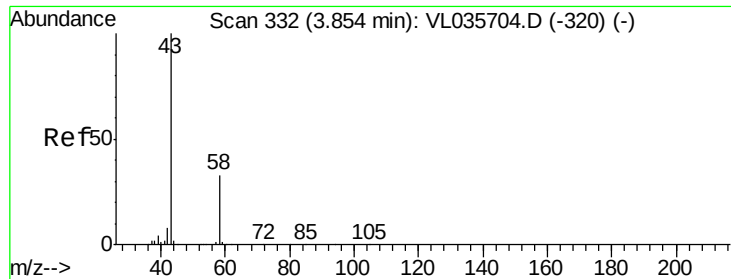
42 54.2 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.249 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

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ClientSampleId :

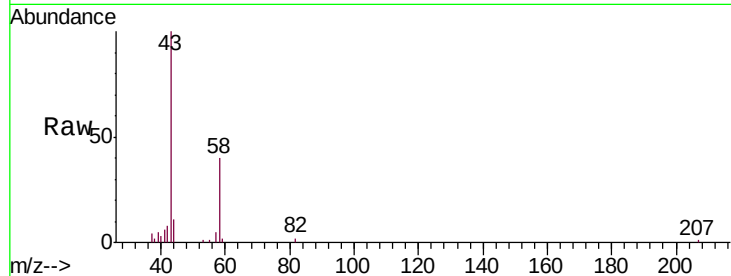
QC092320 CAN 10126

Tgt Ion: 43 Resp: 30148

Ion Ratio Lower Upper

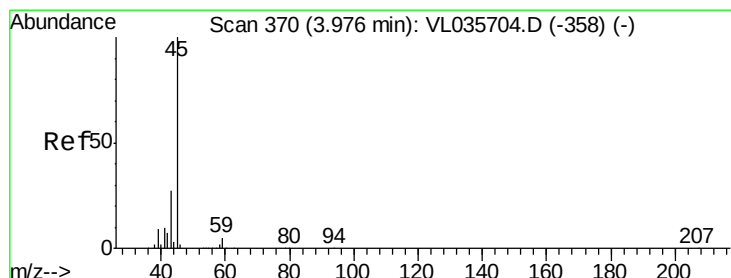
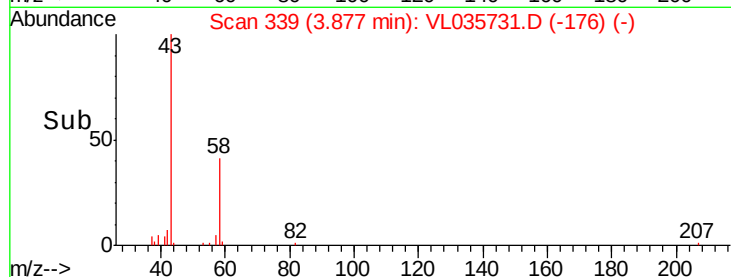
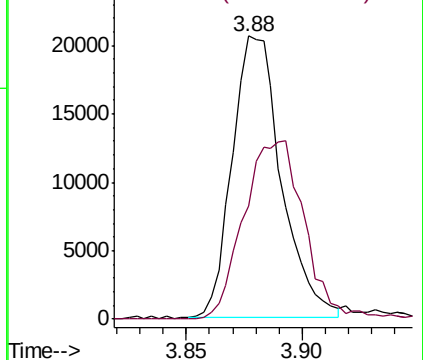
43 100

58 78.5 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 0.059 ppbv

RT: 4.00 min Scan# 377

Delta R.T. 0.02 min

Lab File: VL035731.D

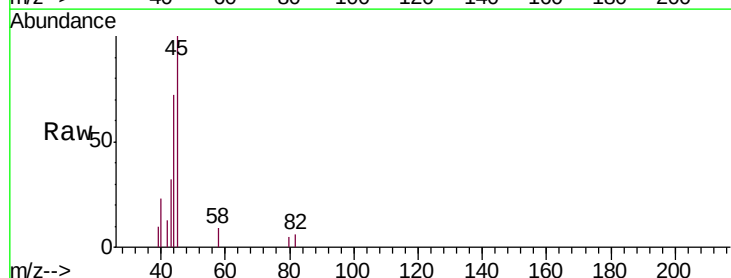
Acq: 29 Sep 2020 19:26

Tgt Ion: 45 Resp: 3871

Ion Ratio Lower Upper

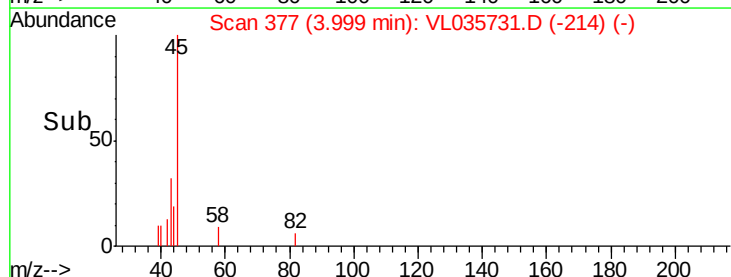
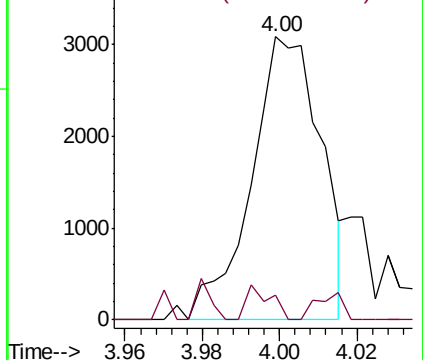
45 100

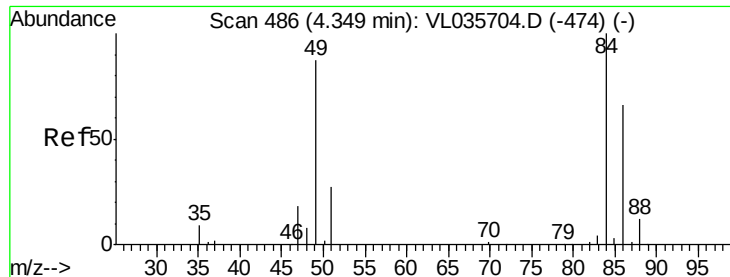
58 0.0 2.8 4.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

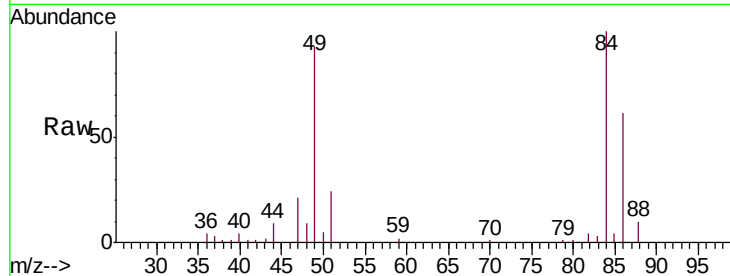




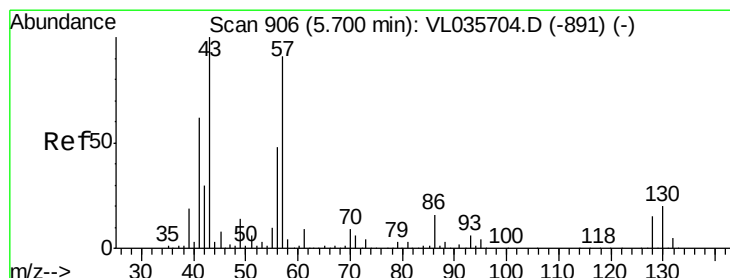
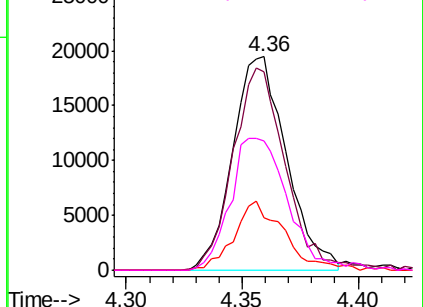
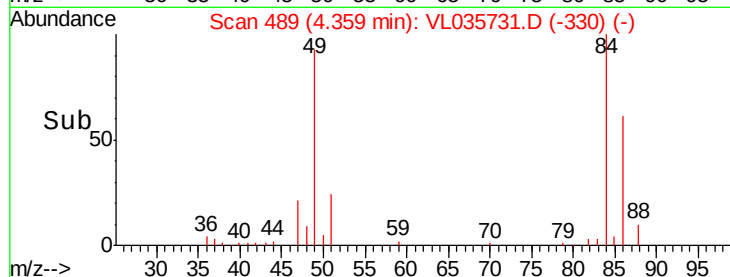
#20
Methylene Chloride
Concen: 0.352 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035731.D
Acq: 29 Sep 2020 19:26

Instrument :
MSVOA_L
ClientSampleId :
QC092320 CAN 10126

Tgt Ion: 84 Resp: 31322
Ion Ratio Lower Upper
84 100
49 92.3 69.8 104.6
51 24.3 21.8 32.8
86 60.8 52.6 78.8

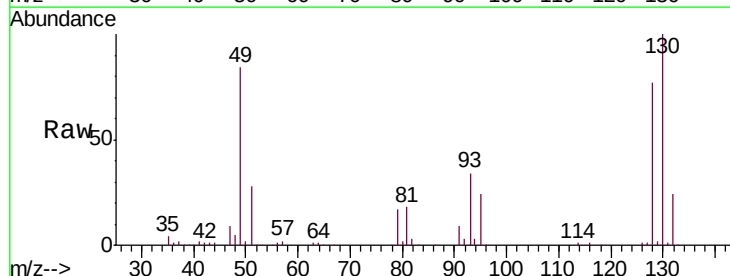


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

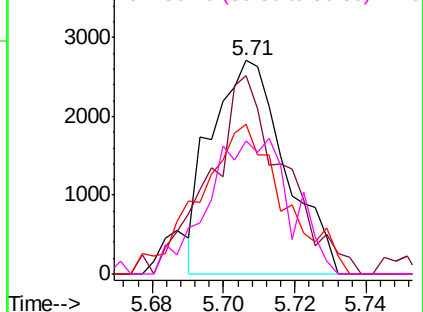
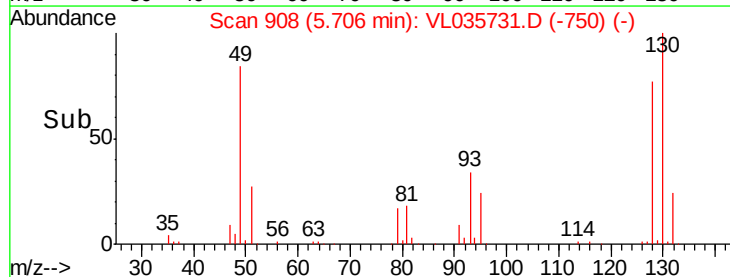


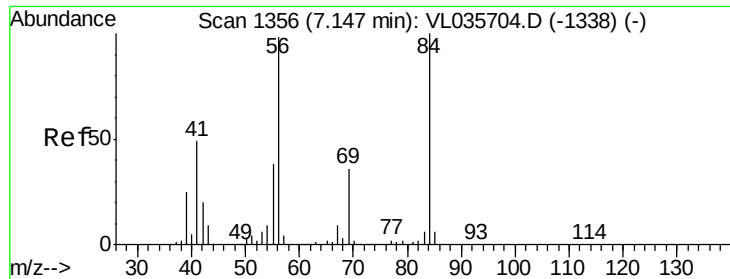
#26
Hexane
Concen: 0.033 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035731.D
Acq: 29 Sep 2020 19:26

Tgt Ion: 57 Resp: 3890
Ion Ratio Lower Upper
57 100
41 96.8 57.9 86.9#
43 79.8 143.8 215.6#
56 71.9 43.0 64.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

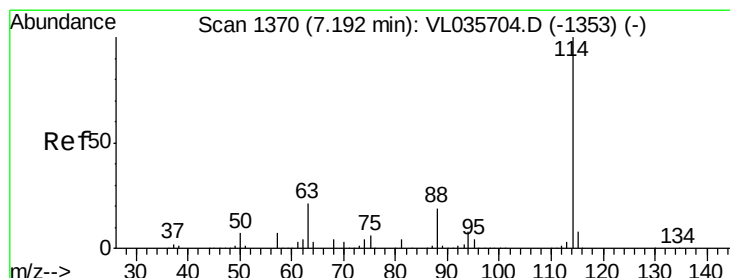
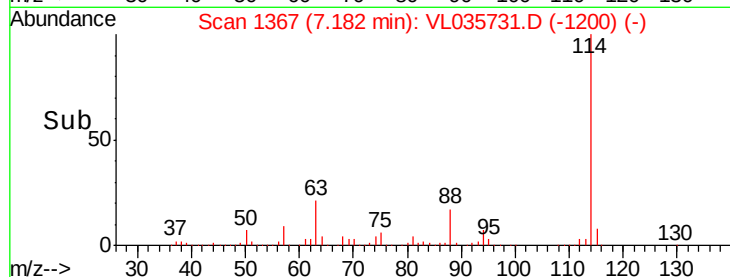
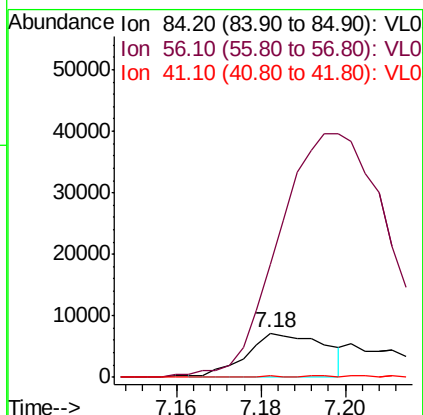
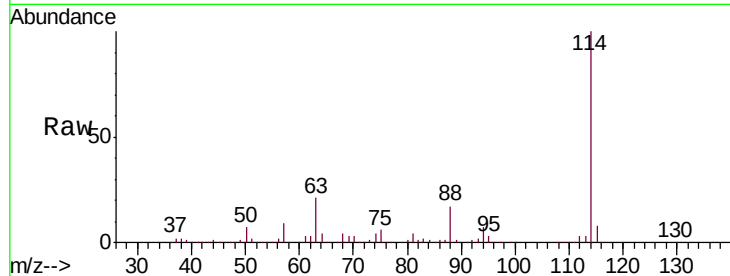




#30
Cyclohexane
Concen: 0.079 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.04 min
Lab File: VL035731.D
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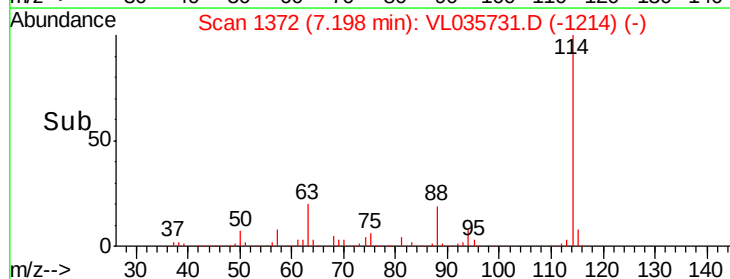
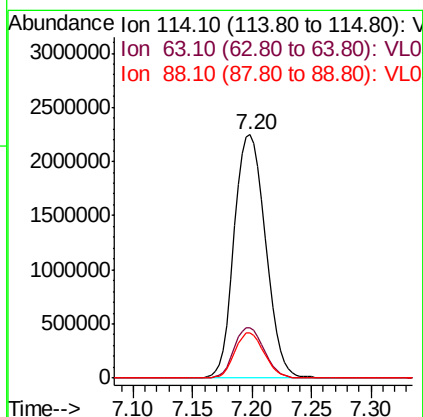
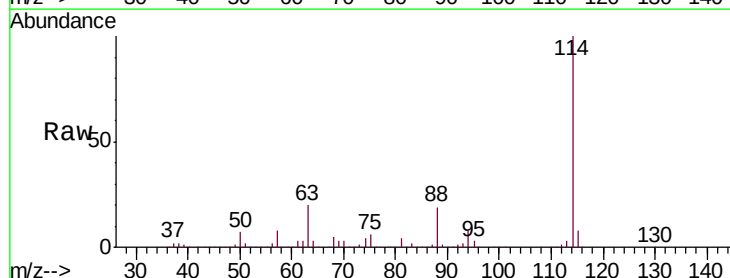
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QC092320 CAN 10126

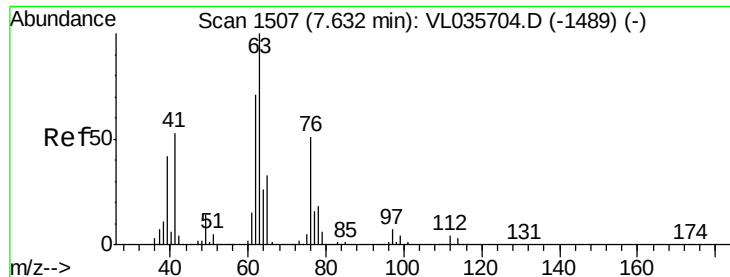
Tgt Ion: 84 Resp: 9349
Ion Ratio Lower Upper
84 100
56 0.0 84.6 127.0#
41 0.0 41.1 61.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.01 min
Lab File: VL035731.D
Acq: 29 Sep 2020 19:26

Tgt Ion: 114 Resp: 4132142
Ion Ratio Lower Upper
114 100
63 20.0 16.1 24.1
88 17.6 14.1 21.1





#39

1,2-Dichloropropane

Concen: 8.453 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. -0.44 min

Lab File: VL035731.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_L

ClientSampleId :

QC092320 CAN 10126

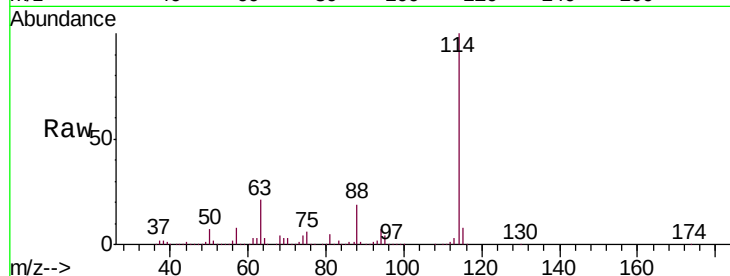
Tgt Ion: 63 Resp: 824949

Ion Ratio Lower Upper

63 100

41 0.0 42.6 63.8#

62 16.5 56.5 84.7#

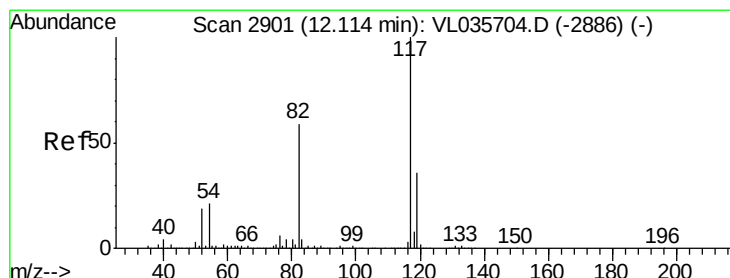
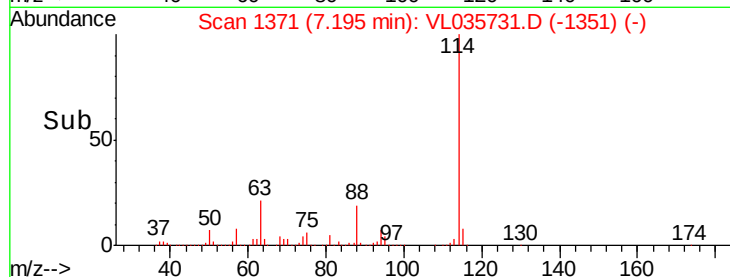
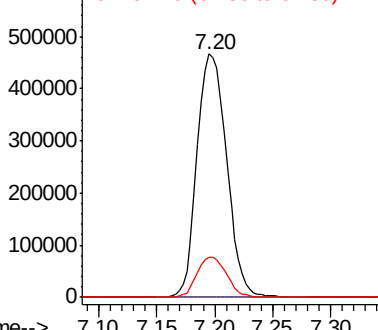


Abundance

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# 2903

Delta R.T. 0.01 min

Lab File: VL035731.D

Acq: 29 Sep 2020 19:26

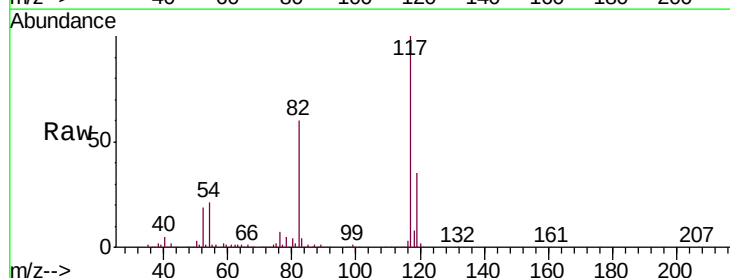
Tgt Ion: 117 Resp: 4235745

Ion Ratio Lower Upper

117 100

82 59.0 46.1 69.1

119 34.5 28.0 42.0

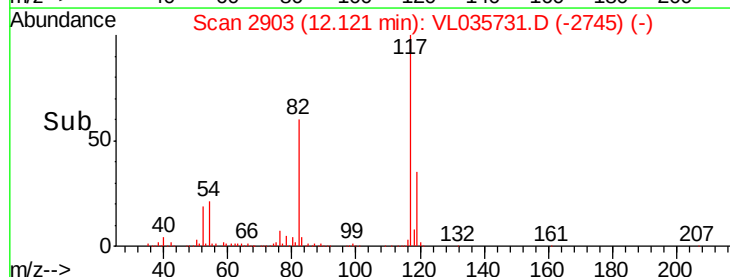
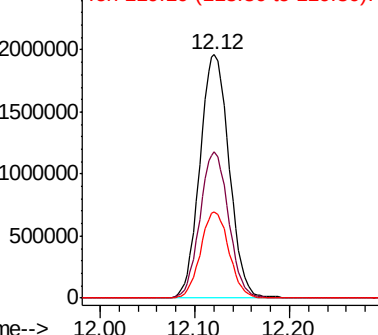


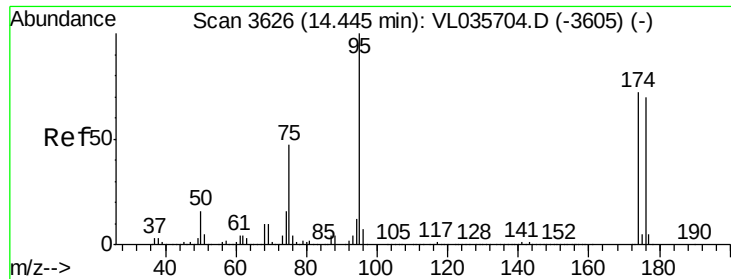
Abundance

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: 10.061 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.01 min

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Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_L

ClientSampleId :

QC092320 CAN 10126

Tgt Ion: 95 Resp: 3193437

Ion Ratio Lower Upper

95 100

174 77.4 59.6 89.4

175 5.7 4.2 6.4

