

Data File : VL035736.D
Acq On : 29 Sep 2020 22:50
Operator : SY/AP
Sample : CAN 10282
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10282

Quant Time: Sep 30 02:43:14 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	5.69	49	1064865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3852869	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.13	117	3870609	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2933237	10.11	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

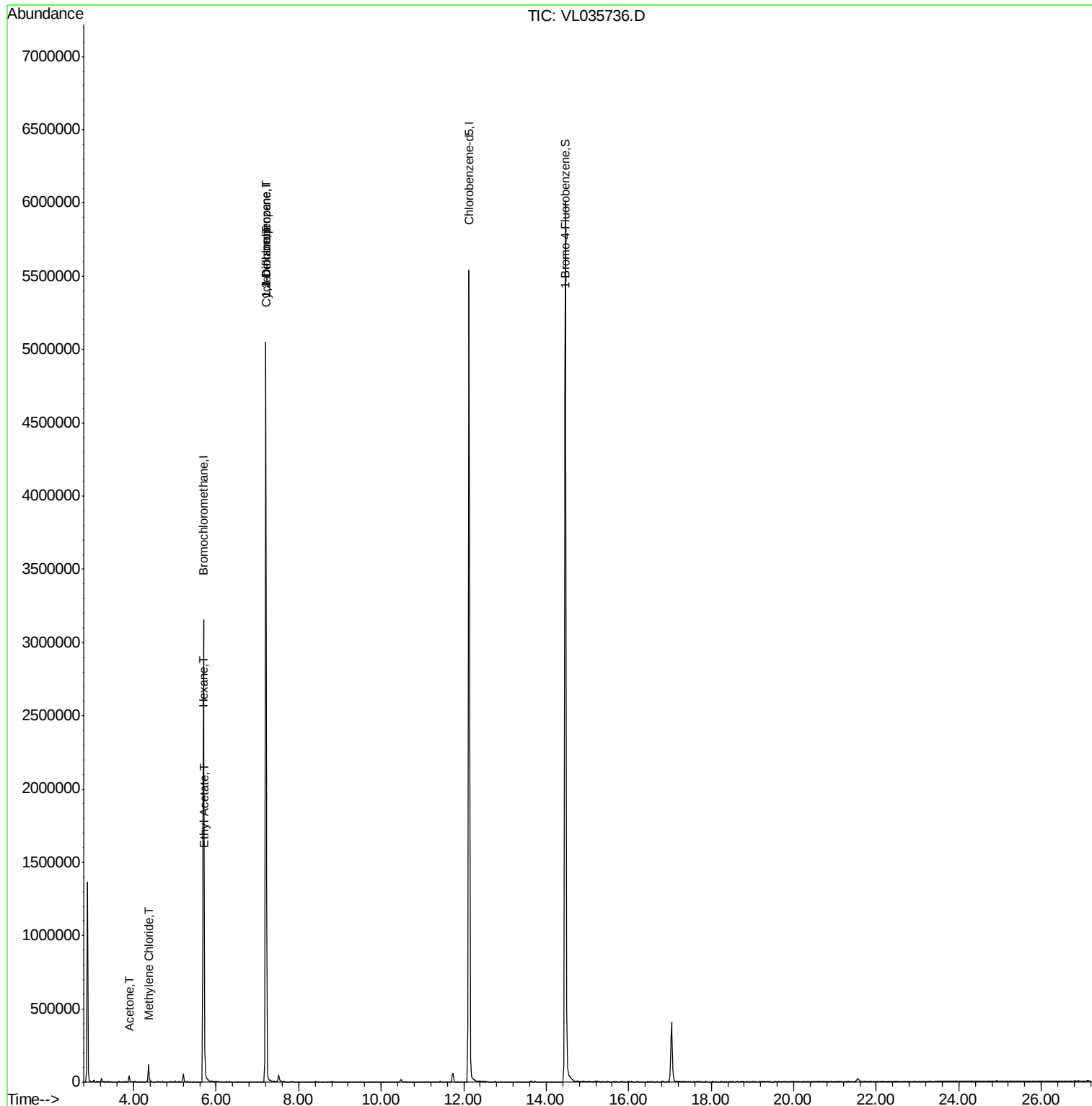
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.88	43	29516	0.258	ppbv #	29
20) Methylene Chloride	4.36	84	51243	0.609	ppbv	97
25) Ethyl Acetate	5.72	43	7224	0.035	ppbv #	73
26) Hexane	5.71	57	7560	0.067	ppbv #	1
30) Cyclohexane	7.19	84	15585	0.140	ppbv #	1
39) 1,2-Dichloropropane	7.20	63	770143	8.463	ppbv #	30

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.01 min

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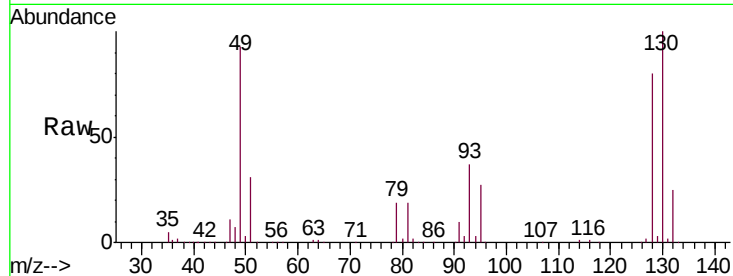
Tgt Ion: 49 Resp: 1064865

Ion Ratio Lower Upper

49 100

128 84.3 43.1 129.4

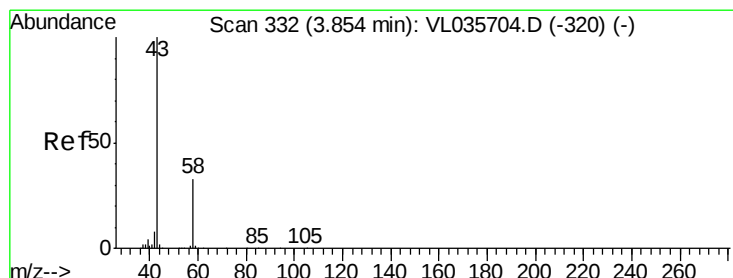
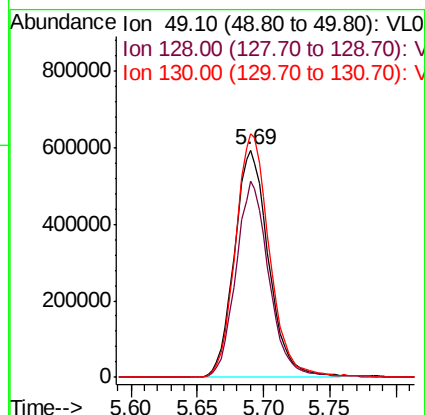
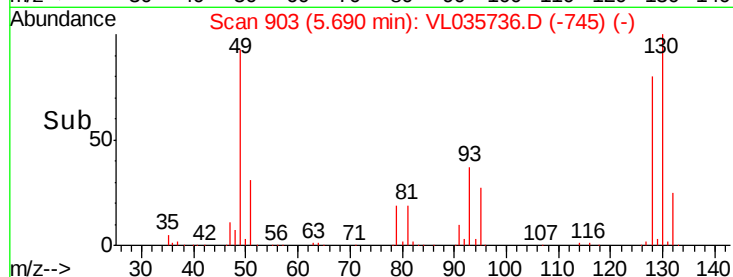
130 107.4 54.9 164.7



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



#15

Acetone

Concen: 0.258 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL035736.D

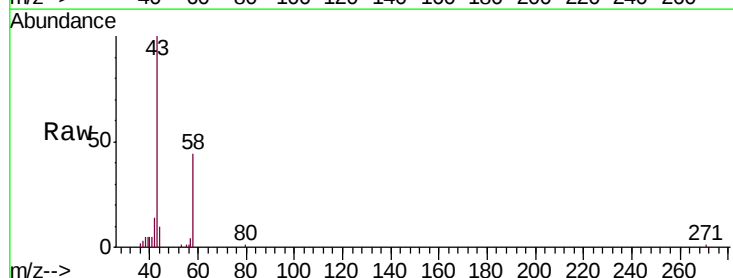
Acq: 29 Sep 2020 22:50

Tgt Ion: 43 Resp: 29516

Ion Ratio Lower Upper

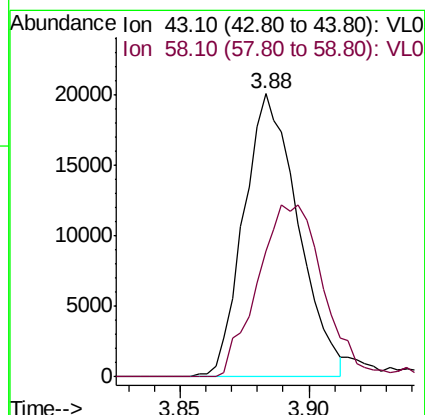
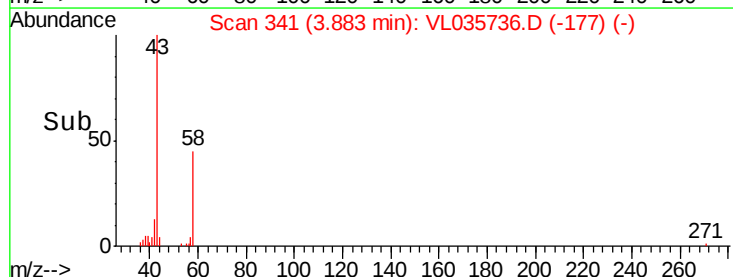
43 100

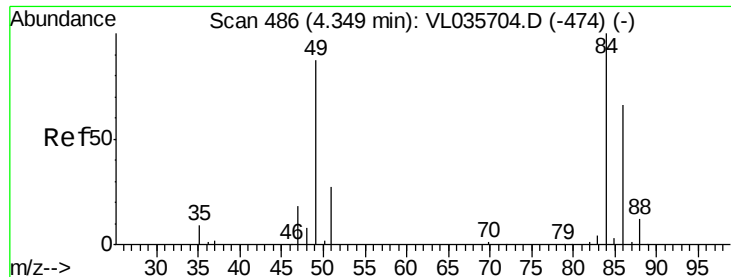
58 74.7 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

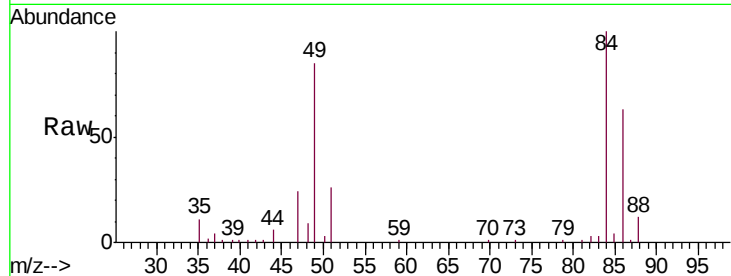




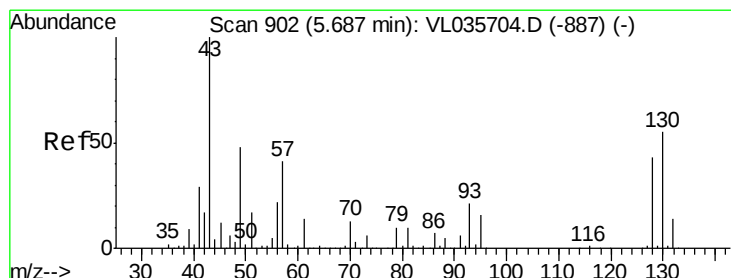
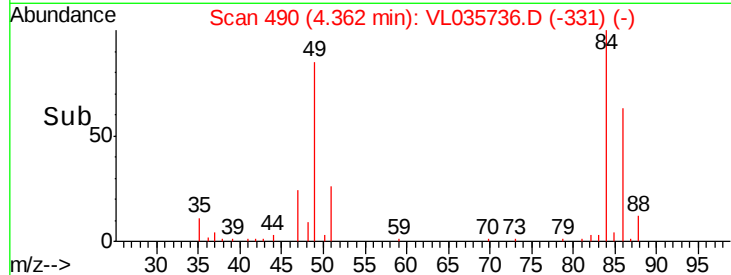
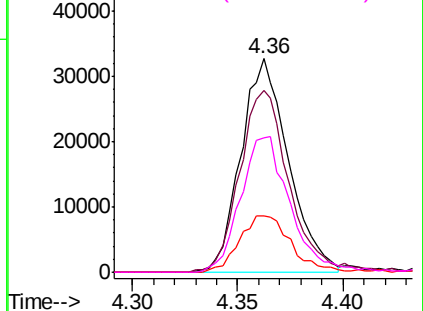
#20
Methylene Chloride
Concen: 0.609 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

Instrument :
MSVOA_L
ClientSampled :
CAN 10282

Tgt Ion:	84	Resp:	51243
Ion	Ratio	Lower	Upper
84	100		
49	85.0	69.8	104.6
51	26.3	21.8	32.8
86	62.9	52.6	78.8

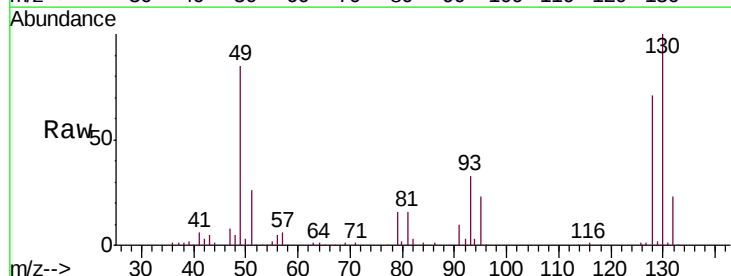


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

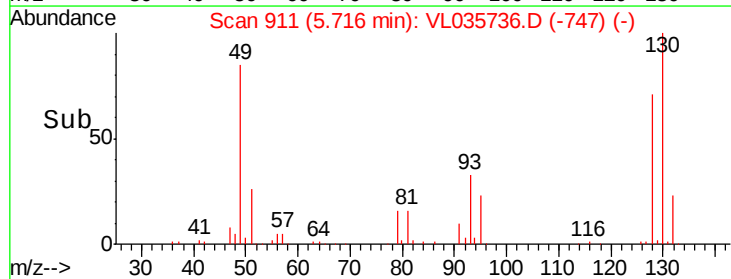
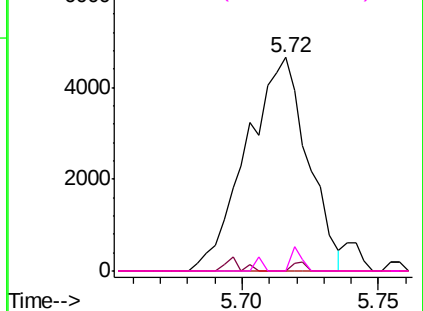


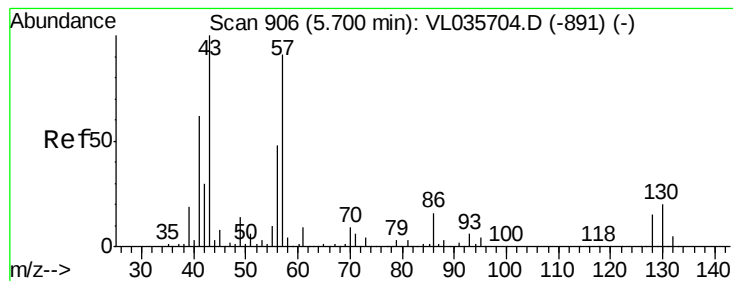
#25
Ethyl Acetate
Concen: 0.035 ppbv
RT: 5.72 min Scan# 911
Delta R.T. 0.03 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

Tgt Ion:	43	Resp:	7224
Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.6	12.8#
61	0.0	10.4	15.6#
70	2.9	8.9	13.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.067 ppbv

RT: 5.71 min Scan# 909

Delta R.T. 0.01 min

Lab File: VL035736.D

Acq: 29 Sep 2020 22:50

Instrument :

MSVOA_L

ClientSampleId :

CAN 10282

Tgt Ion: 57 Resp: 7560

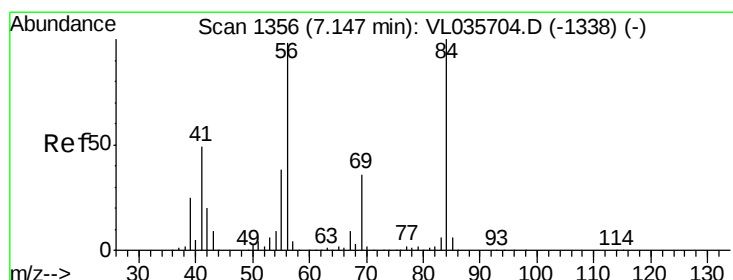
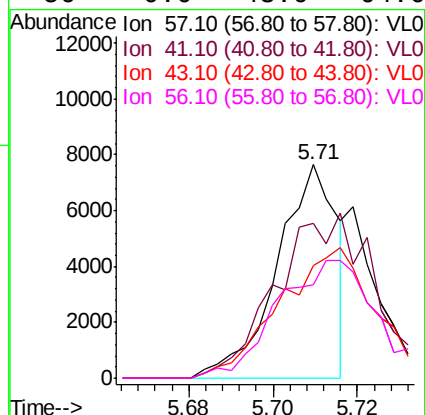
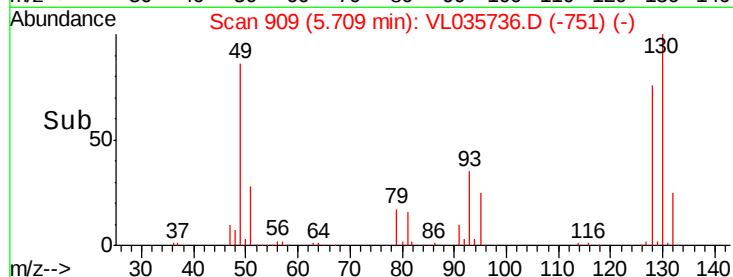
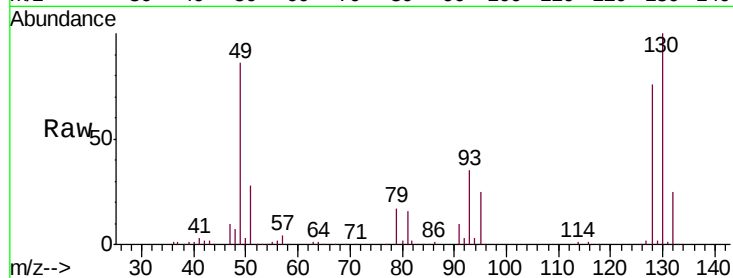
Ion Ratio Lower Upper

57 100

41 0.0 57.9 86.9#

43 0.0 143.8 215.6#

56 0.0 43.0 64.6#



#30

Cyclohexane

Concen: 0.140 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VL035736.D

Acq: 29 Sep 2020 22:50

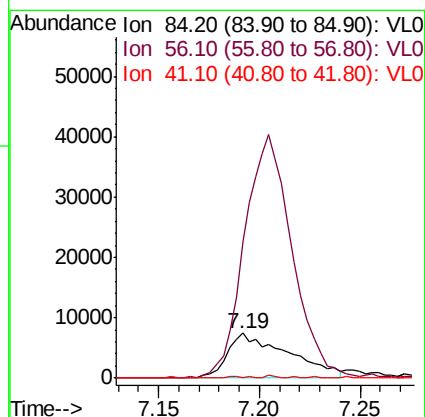
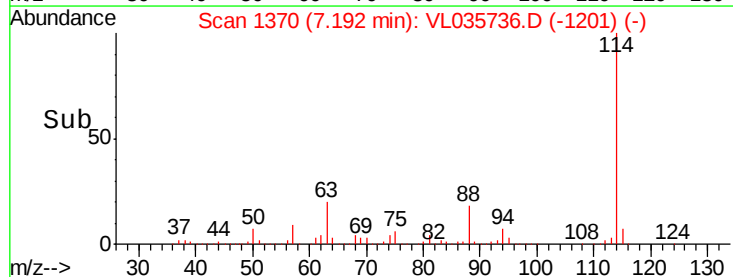
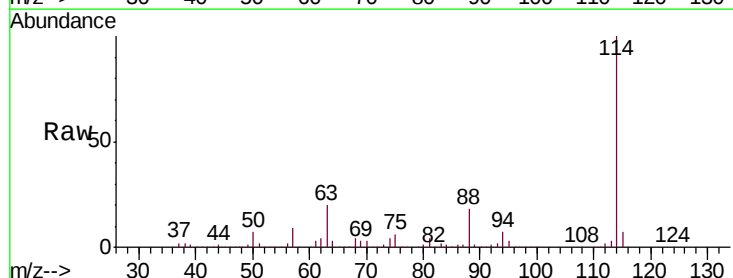
Tgt Ion: 84 Resp: 15585

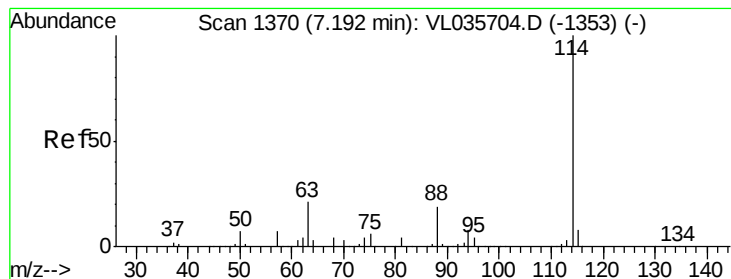
Ion Ratio Lower Upper

84 100

56 432.9 84.6 127.0#

41 0.0 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VL035736.D

Acq: 29 Sep 2020 22:50

Instrument :

MSVOA_L

ClientSampled :

CAN 10282

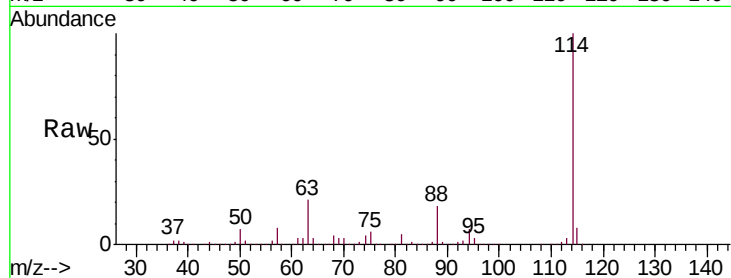
Tgt Ion:114 Resp: 3852869

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

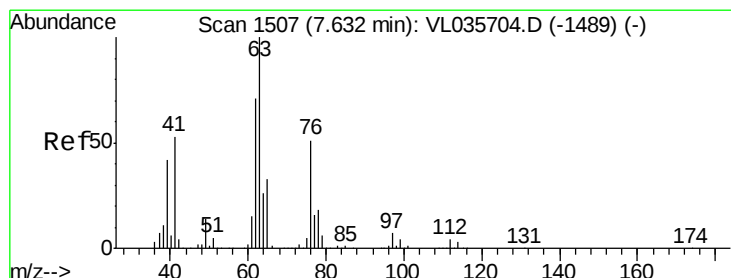
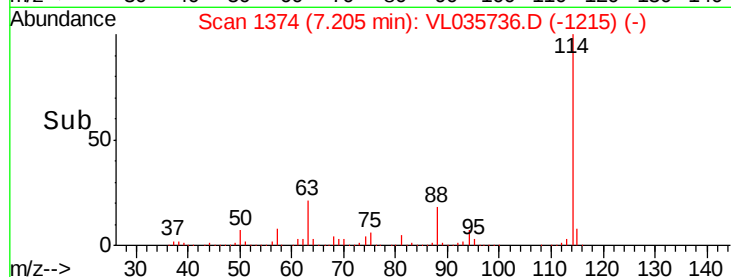
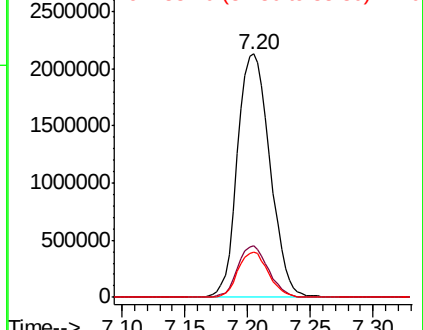
88 17.6 14.1 21.1



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 8.463 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. -0.43 min

Lab File: VL035736.D

Acq: 29 Sep 2020 22:50

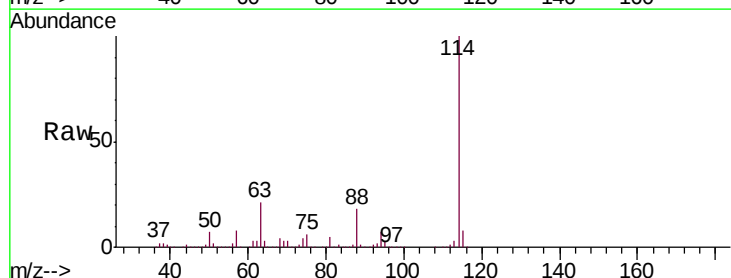
Tgt Ion: 63 Resp: 770143

Ion Ratio Lower Upper

63 100

41 0.1 42.6 63.8#

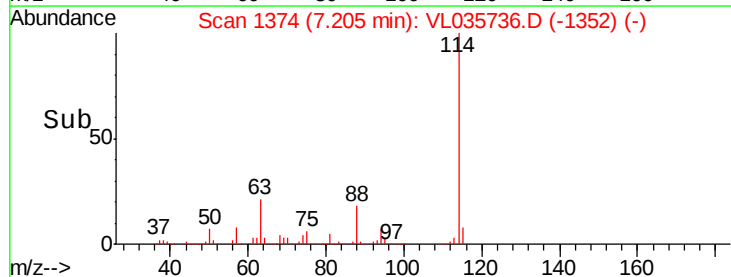
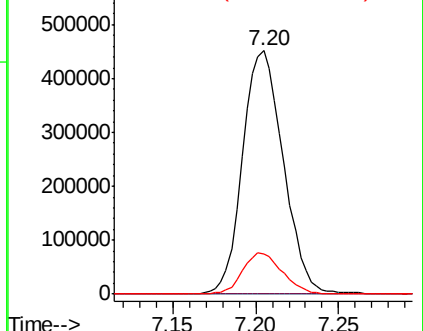
62 16.3 56.5 84.7#

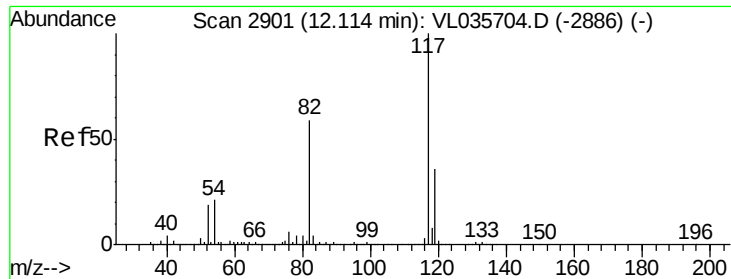


Abundance Ion 63.10 (62.80 to 63.80): VL0

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: 12.13 min Scan# 2906

Delta R.T. 0.02 min

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ClientSampleId :

CAN 10282

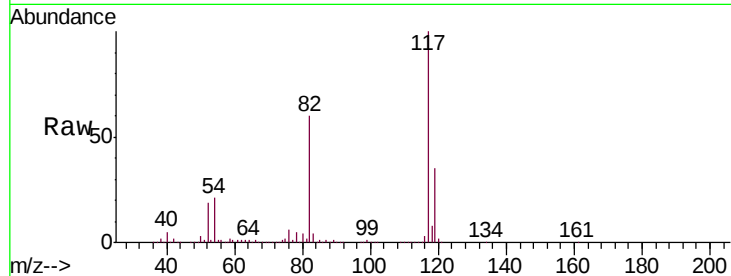
Tgt Ion:117 Resp: 3870609

Ion Ratio Lower Upper

117 100

82 59.1 46.1 69.1

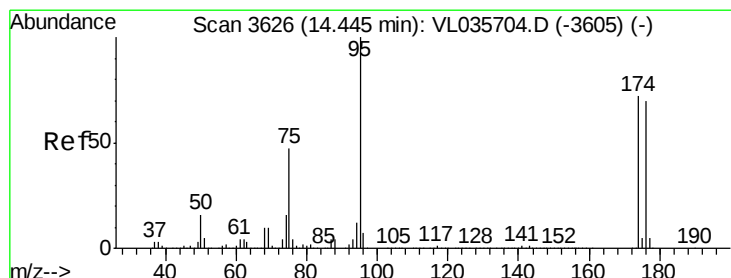
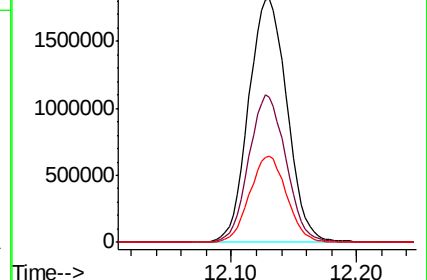
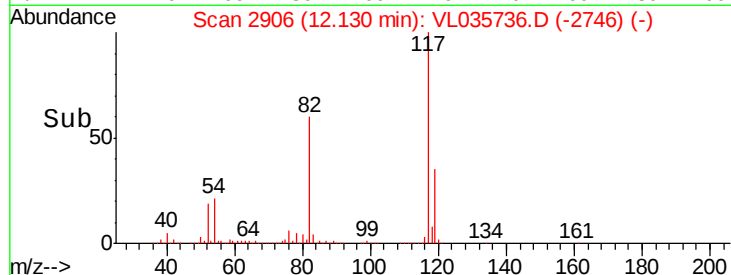
119 34.2 28.0 42.0



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: 10.113 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.02 min

Lab File: VL035736.D

Acq: 29 Sep 2020 22:50

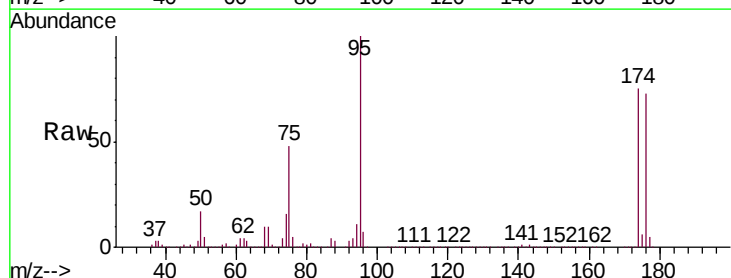
Tgt Ion: 95 Resp: 2933237

Ion Ratio Lower Upper

95 100

174 76.8 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

