

Data File : VL037150.D
Acq On : 14 Jun 2021 15:29
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jun 14 16:26:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1612420	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4704880	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4132784	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3054425	9.84	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds					Qvalue
3) Chlorodifluoromethane	3.00	51	9094	0.031	ppbv 93
9) Propene	3.01	41	3210	0.030	ppbv # 16
15) Acetone	3.89	43	6467	0.039	ppbv # 45
20) Methylene Chloride	4.35	84	3651	0.041	ppbv # 71
39) 1,2-Dichloropropane	7.19	63	1127541	7.223	ppbv # 25

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061421\

Quantitation Report (Not Reviewed)

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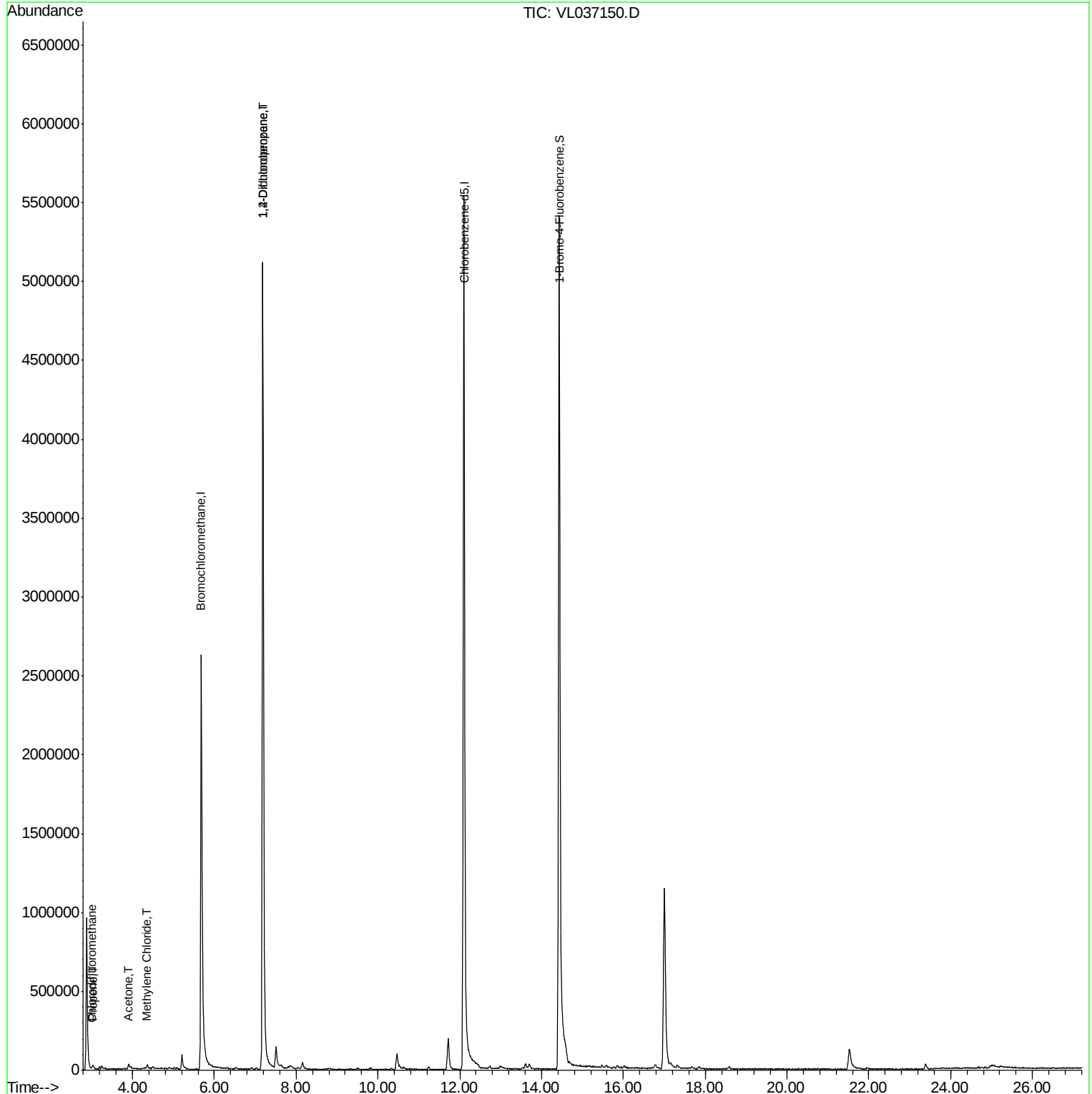
Quant Time: Jun 14 16:26:23 2021

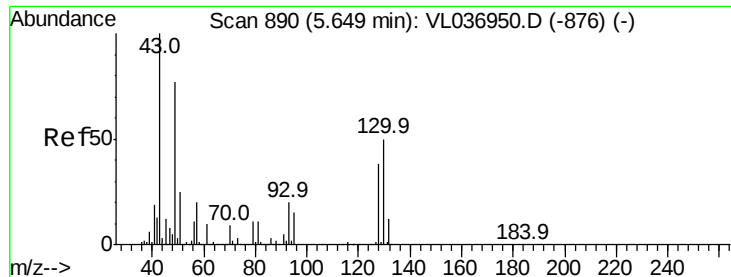
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061421AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021

QLast Update : Tue May 18 12:00:15 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

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Instrument :

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ClientSampleId :

VSTDIC0.03

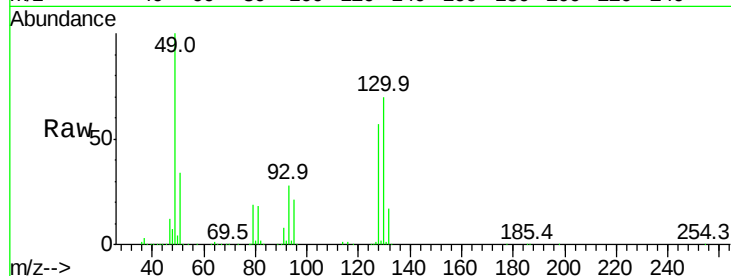
Tgt Ion: 49 Resp: 1612420

Ion Ratio Lower Upper

49 100

128 58.1 26.9 80.7

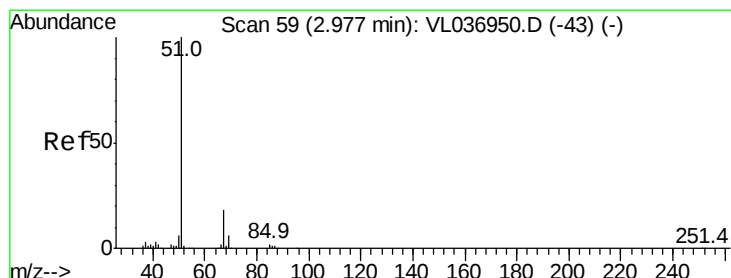
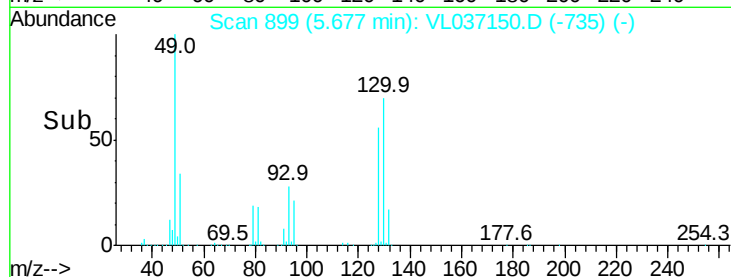
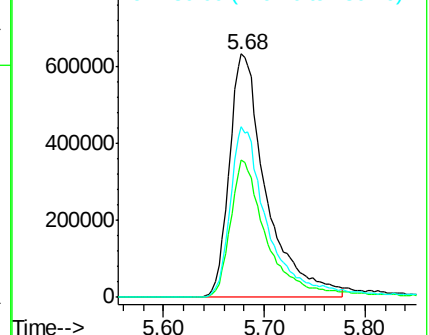
130 73.4 33.8 101.4



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



#3

Chlorodifluoromethane

Concen: 0.031 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.02 min

Lab File: VL037150.D

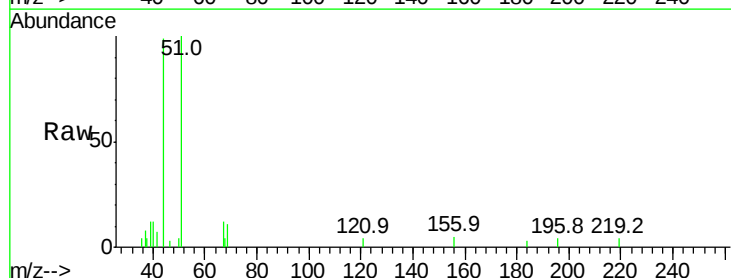
Acq: 14 Jun 2021 15:29

Tgt Ion: 51 Resp: 9094

Ion Ratio Lower Upper

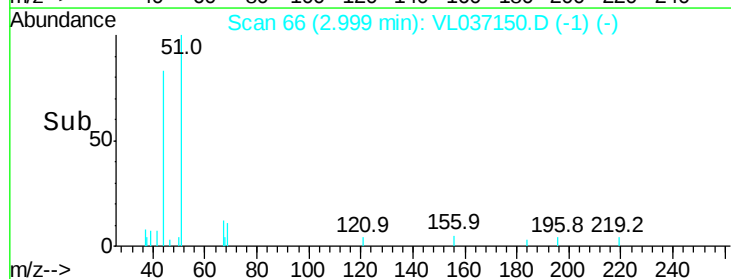
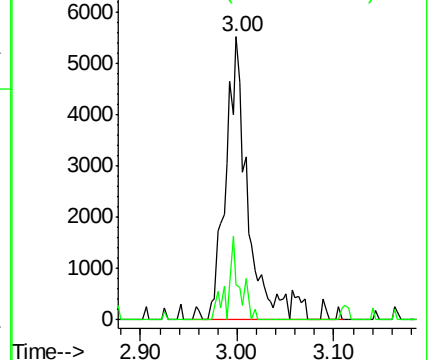
51 100

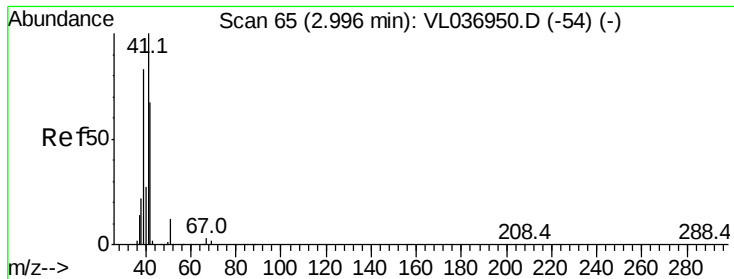
67 15.0 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.030 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL037150.D

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Instrument :

MSVOA_L

ClientSampleId :

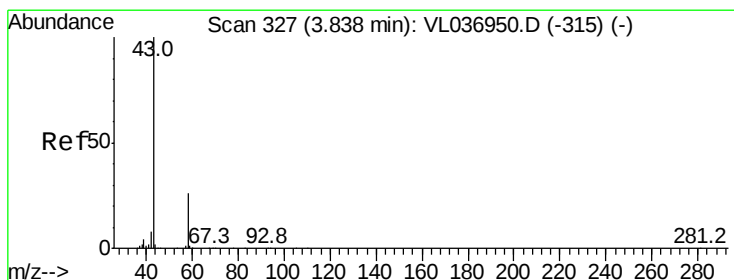
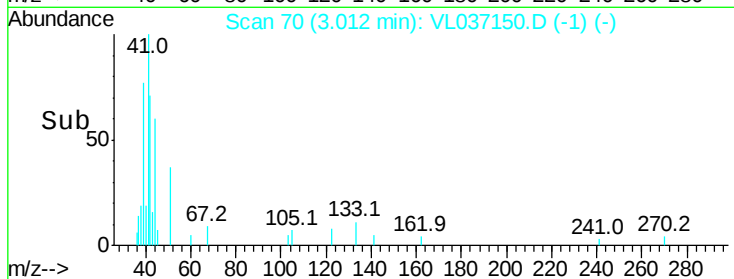
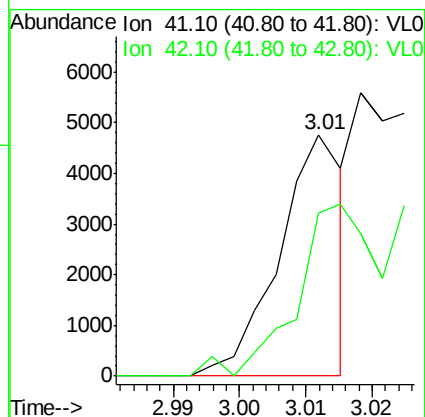
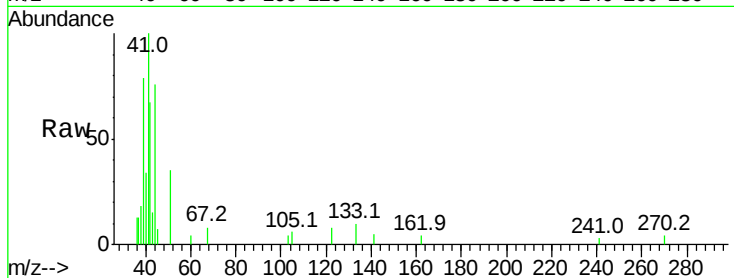
VSTDIC0.03

Tgt Ion: 41 Resp: 3210

Ion Ratio Lower Upper

41 100

42 0.0 53.9 80.9#



#15

Acetone

Concen: 0.039 ppbv

RT: 3.89 min Scan# 342

Delta R.T. 0.05 min

Lab File: VL037150.D

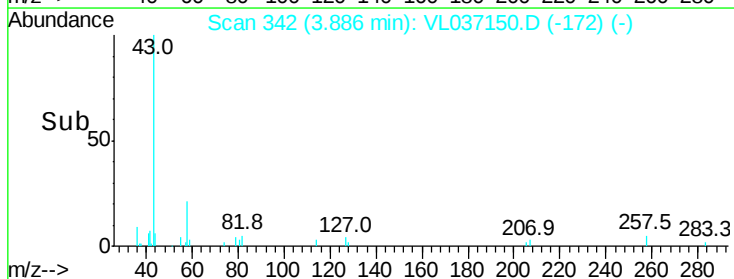
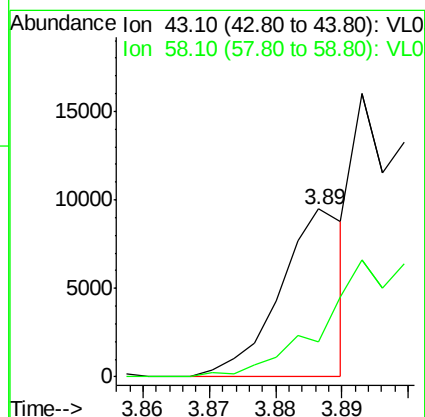
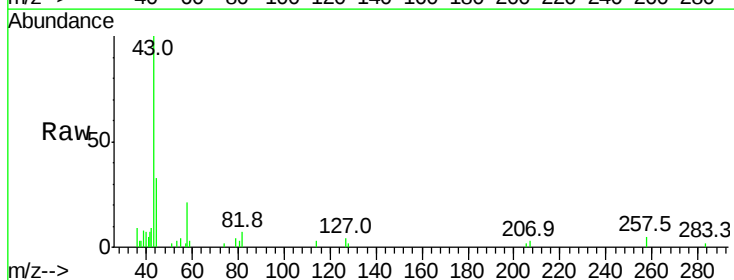
Acq: 14 Jun 2021 15:29

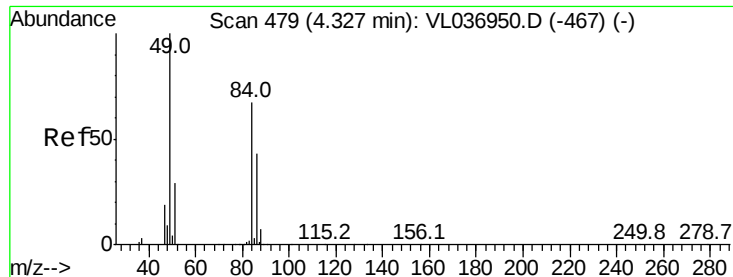
Tgt Ion: 43 Resp: 6467

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#





#20

Methylene Chloride

Concen: 0.041 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL037150.D

Acq: 14 Jun 2021 15:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 84 Resp: 3651

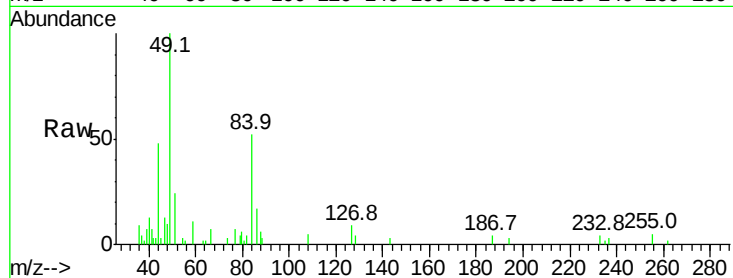
Ion Ratio Lower Upper

84 100

49 190.7 119.8 179.6#

51 44.8 35.1 52.7

86 33.0 50.9 76.3#

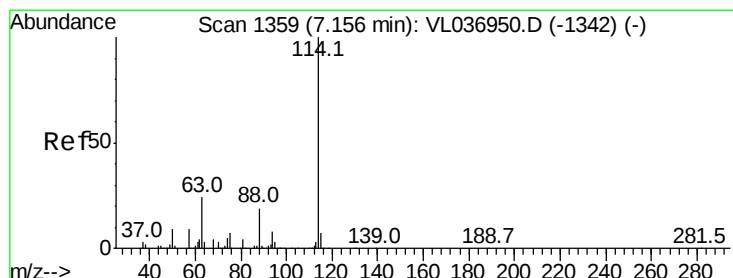
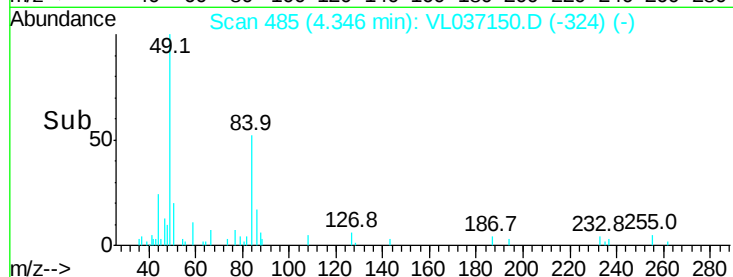
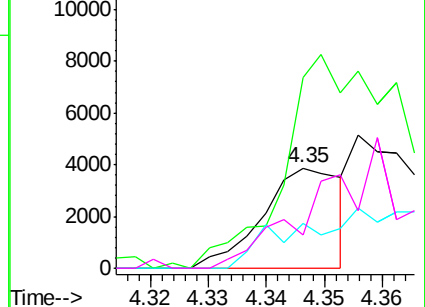


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VL037150.D

Acq: 14 Jun 2021 15:29

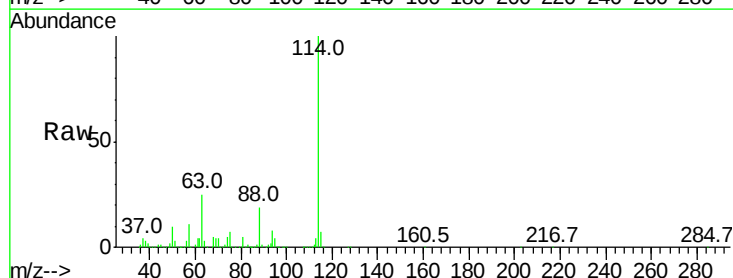
Tgt Ion: 114 Resp: 4704880

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

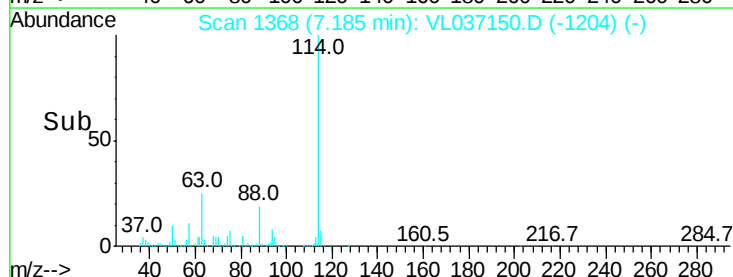
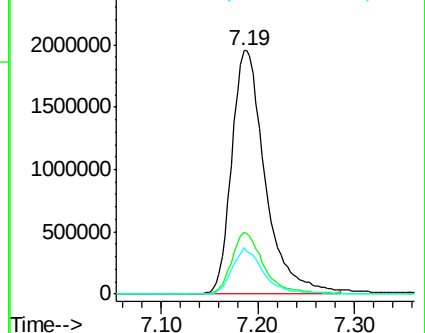
88 17.8 14.6 21.8

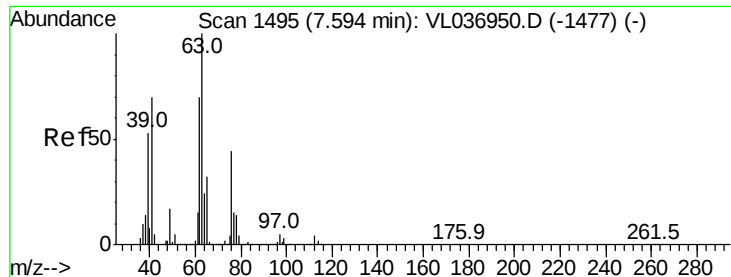


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 7.223 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.41 min

Lab File: VL037150.D

Acq: 14 Jun 2021 15:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

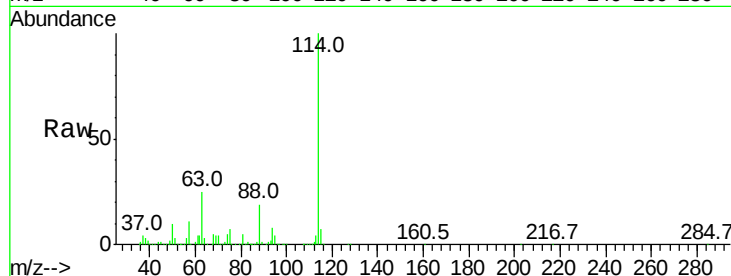
Tgt Ion: 63 Resp: 1127541

Ion Ratio Lower Upper

63 100

41 0.0 55.7 83.5#

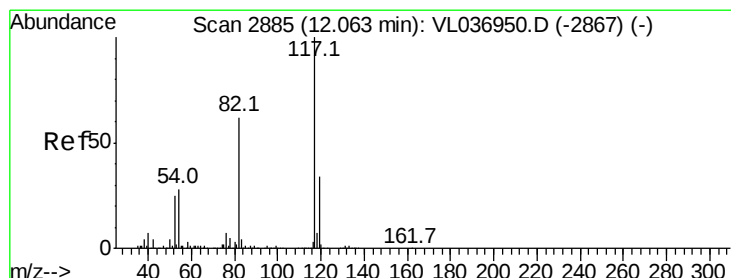
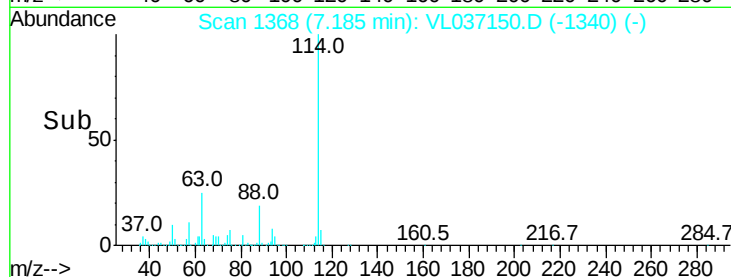
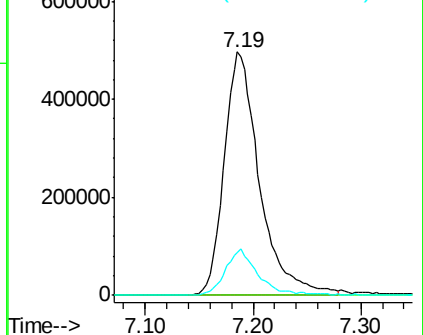
62 17.5 56.2 84.4#



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: 12.10 min Scan# 2897

Delta R.T. 0.04 min

Lab File: VL037150.D

Acq: 14 Jun 2021 15:29

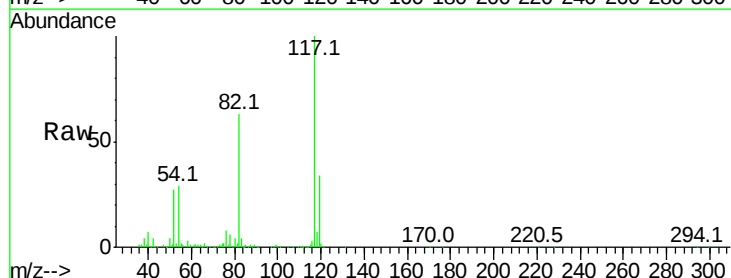
Tgt Ion: 117 Resp: 4132784

Ion Ratio Lower Upper

117 100

82 64.6 52.6 79.0

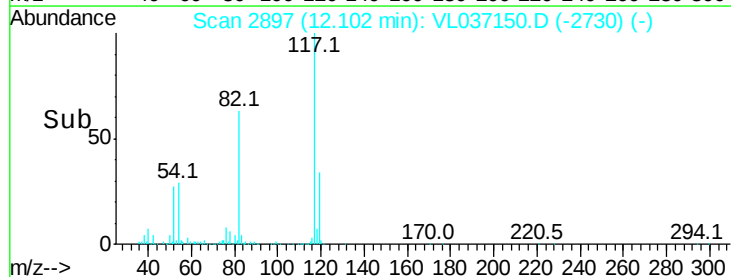
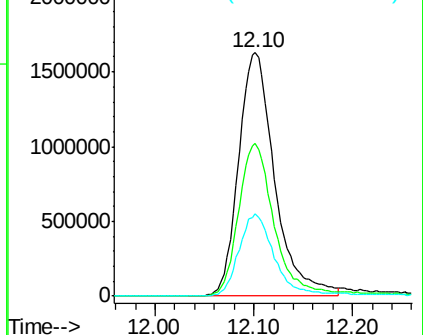
119 34.5 46.6 70.0#

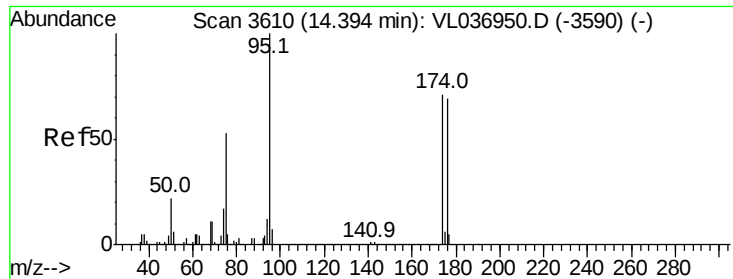


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.838 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.04 min

Lab File: VL037150.D

Acq: 14 Jun 2021 15:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

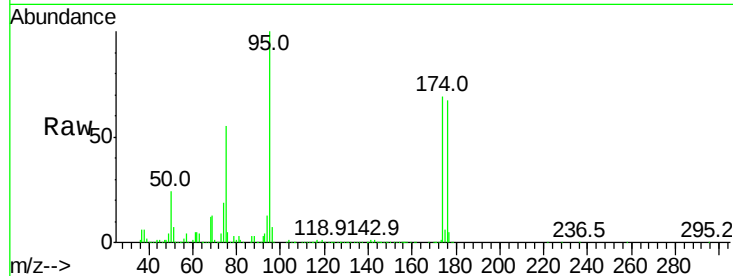
Tgt Ion: 95 Resp: 3054425

Ion Ratio Lower Upper

95 100

174 74.1 58.4 87.6

175 5.3 4.4 6.6



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

