

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070221\
Quantitation Report (Not Reviewed)

Data File : VL037270.D
Acq On : 2 Jul 2021 11:54
Operator : SY/AP
Sample : QC062321 CAN 10282
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062321 CAN 10282

Quant Time: Jul 02 15:15:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1299993	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3717437	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3249754	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2425718	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds						Qvalue
9) Propene	3.03	41	5328	0.066	ppbv	99
20) Methylene Chloride	4.36	84	14357	0.164	ppbv	88
39) 1,2-Dichloropropane	7.19	63	881741	7.894	ppbv #	24
80) Naphthalene,2-methyl-	25.06	142	4322	0.048	ppbv #	79

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

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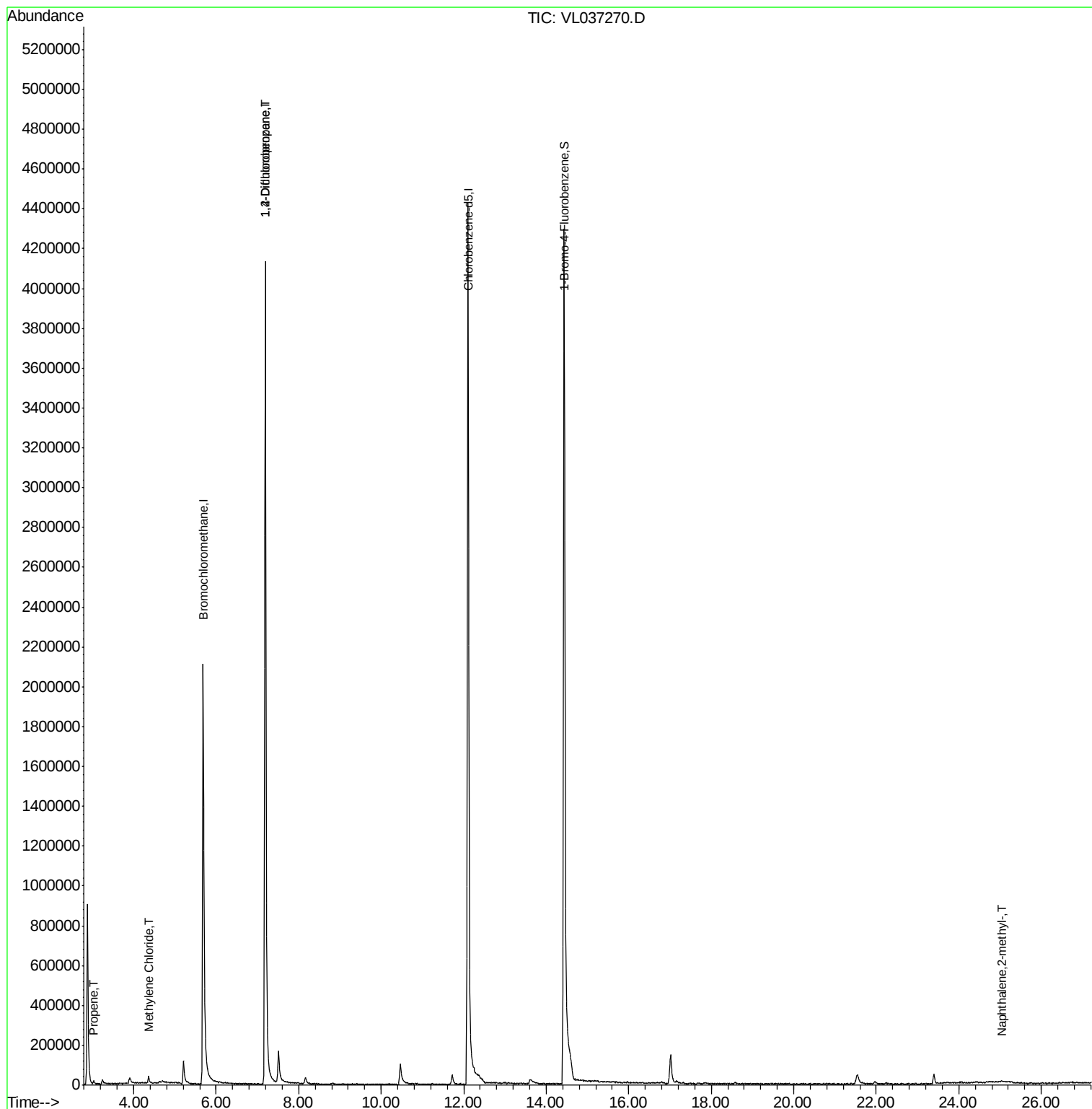
Quant Time: Jul 02 15:15:18 2021

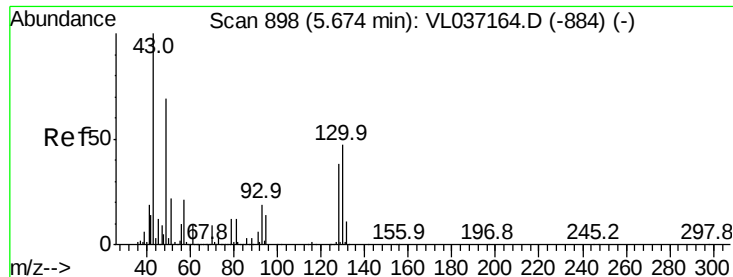
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021

QLast Update : Wed Jun 16 14:06:32 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL037270.D

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Instrument :

MSVOA_L

ClientSampleId :

QC062321 CAN 10282

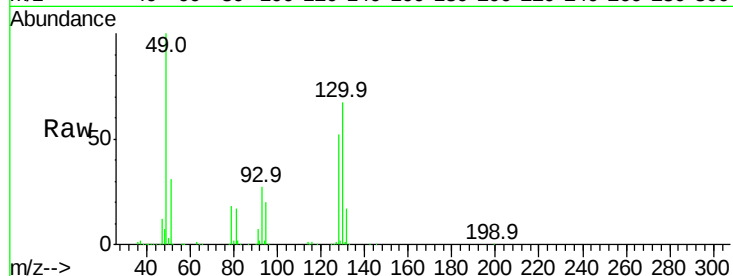
Tgt Ion: 49 Resp: 1299993

Ion Ratio Lower Upper

49 100

128 56.0 29.3 88.0

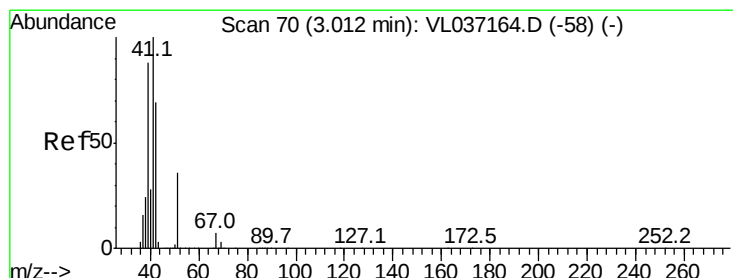
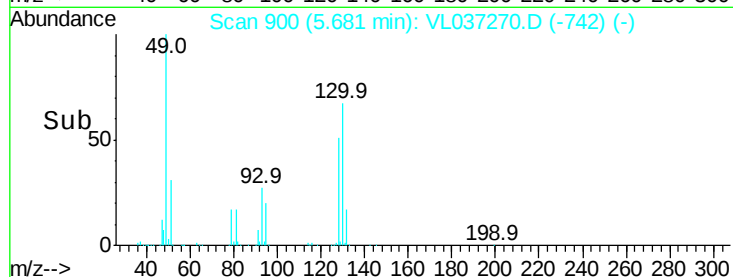
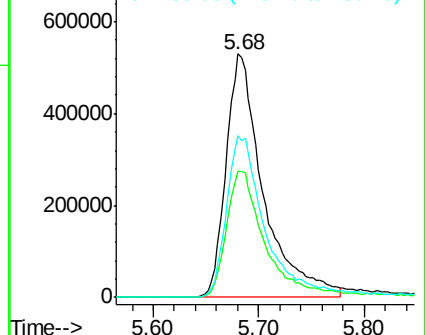
130 72.5 35.9 107.8



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



#9

Propene

Concen: 0.066 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037270.D

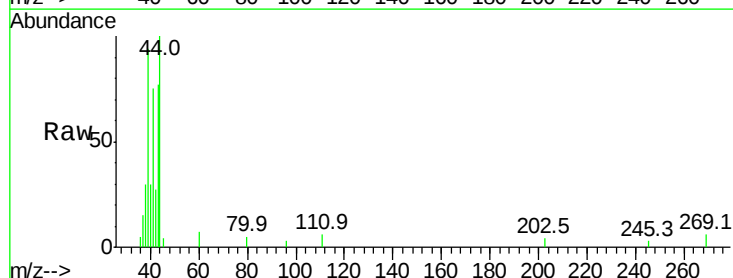
Acq: 2 Jul 2021 11:54

Tgt Ion: 41 Resp: 5328

Ion Ratio Lower Upper

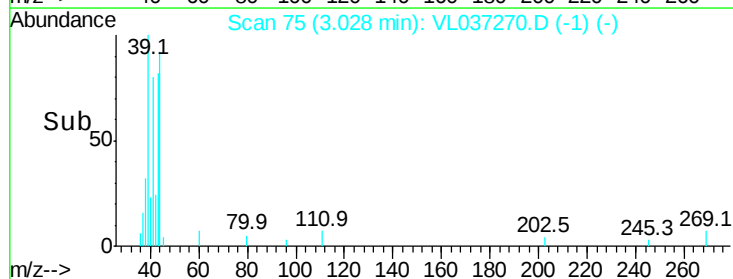
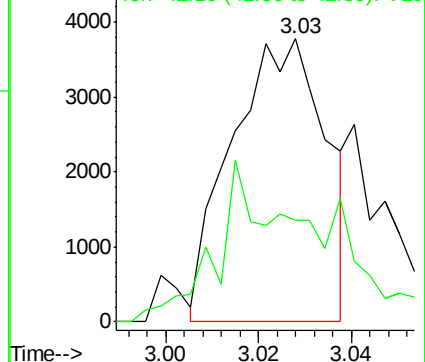
41 100

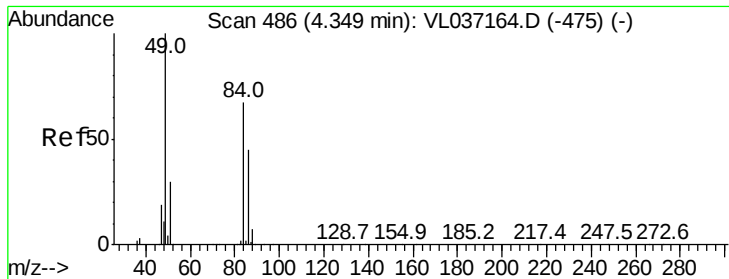
42 69.3 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

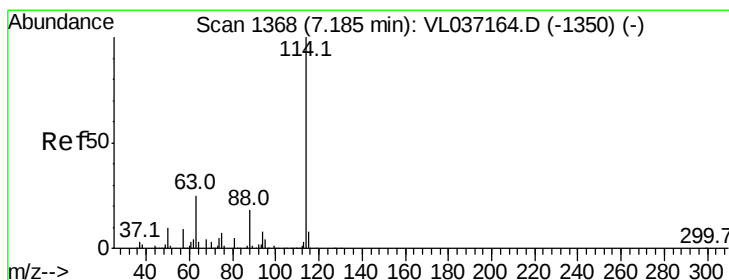
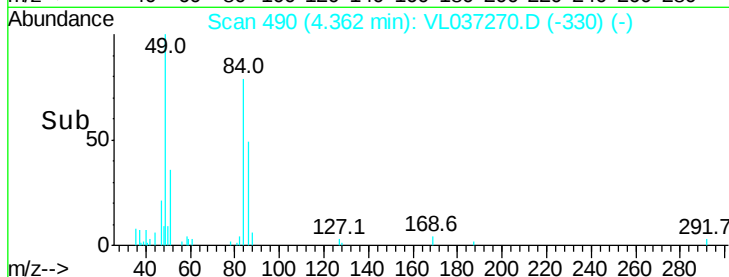
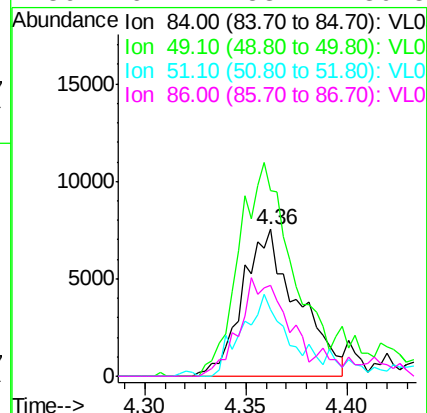
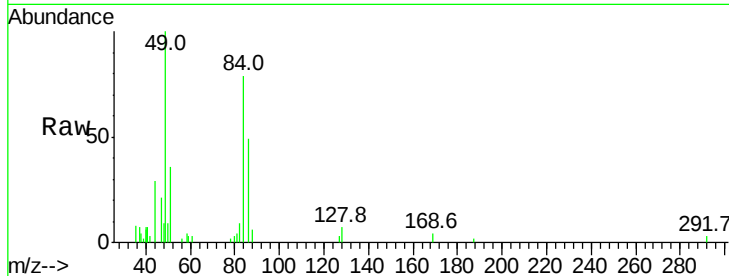




#20
Methylene Chloride
Concen: 0.164 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL037270.D
Acq: 2 Jul 2021 11:54

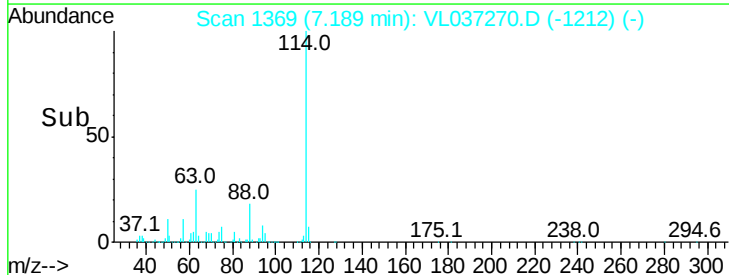
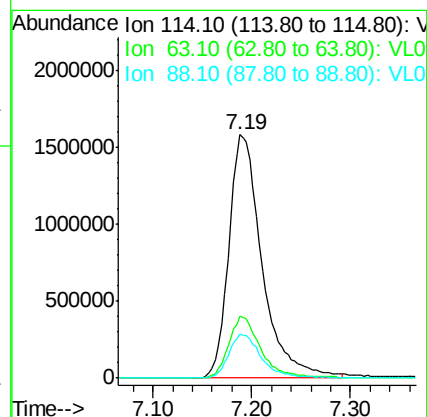
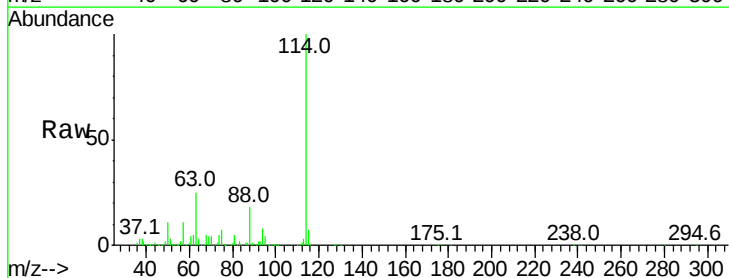
Instrument :
MSVOA_L
ClientSampleId :
QC062321 CAN 10282

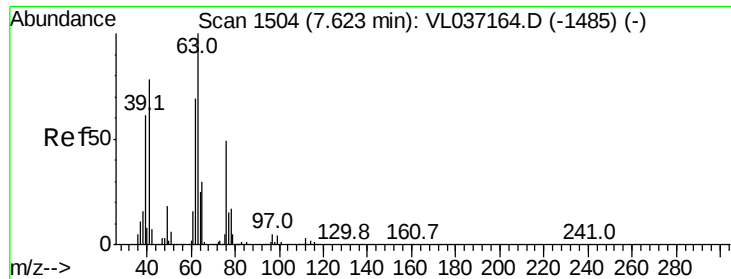
Tgt Ion:	84	Resp:	14357
Ion	Ratio	Lower	Upper
84	100		
49	126.8	119.7	179.5
51	42.9	36.1	54.1
86	62.1	53.7	80.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL037270.D
Acq: 2 Jul 2021 11:54

Tgt Ion:	114	Resp:	3717437
Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.6	29.4
88	18.0	14.2	21.2





#39

1,2-Dichloropropane

Concen: 7.894 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.43 min

Lab File: VL037270.D

Acq: 2 Jul 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

QC062321 CAN 10282

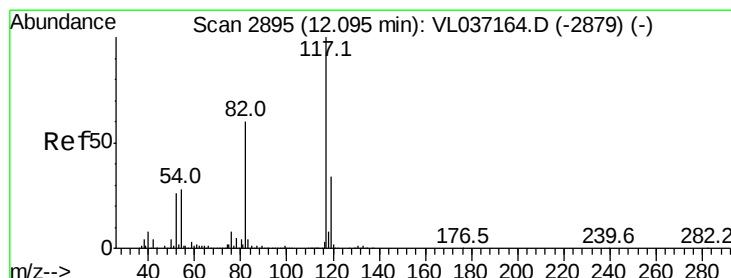
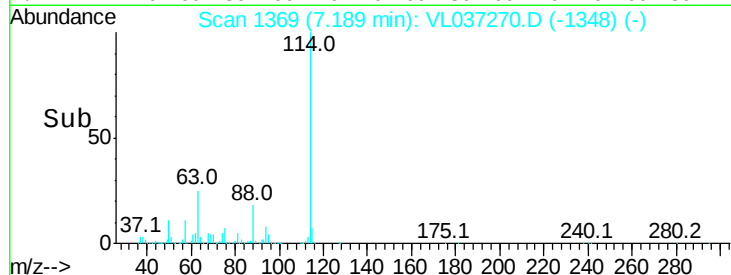
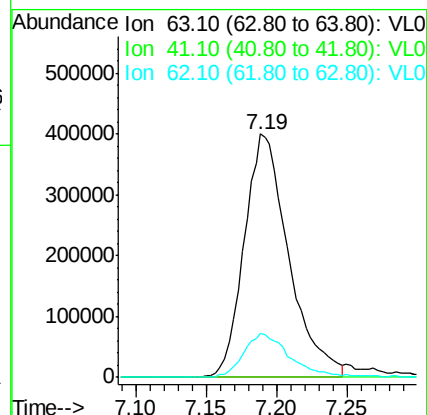
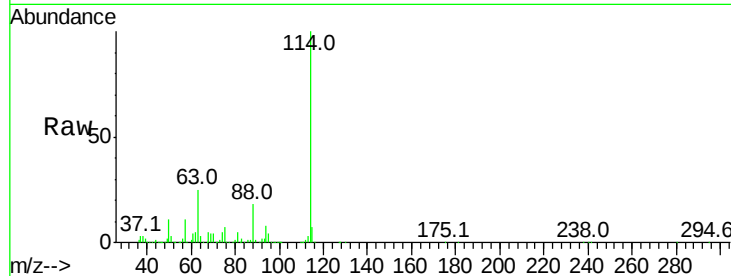
Tgt Ion: 63 Resp: 881741

Ion Ratio Lower Upper

63 100

41 0.1 62.0 93.0#

62 18.3 54.9 82.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.01 min

Lab File: VL037270.D

Acq: 2 Jul 2021 11:54

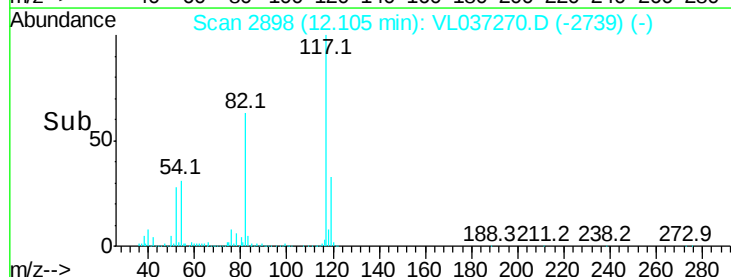
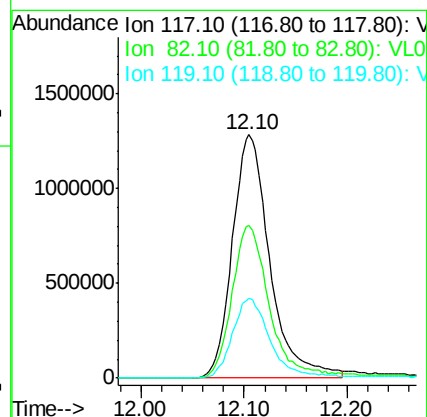
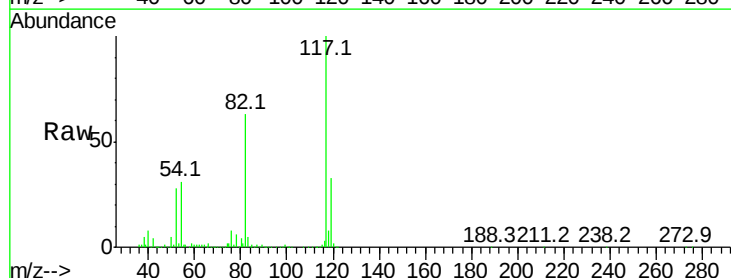
Tgt Ion: 117 Resp: 3249754

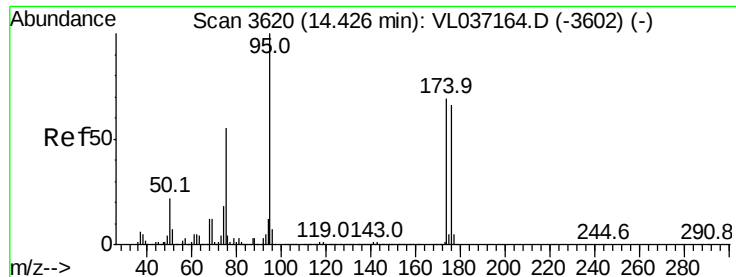
Ion Ratio Lower Upper

117 100

82 65.2 51.7 77.5

119 34.8 47.6 71.4#

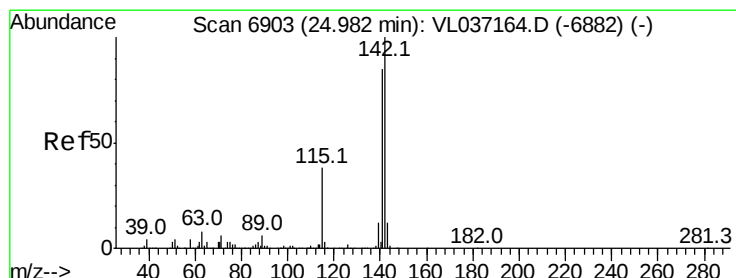
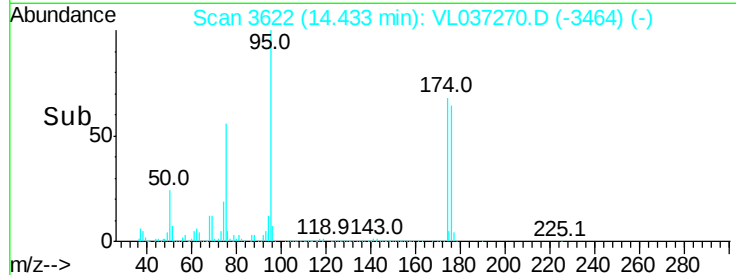
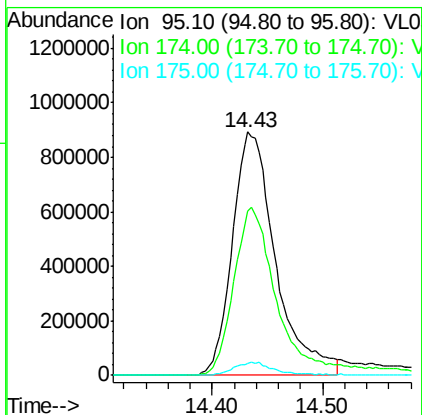
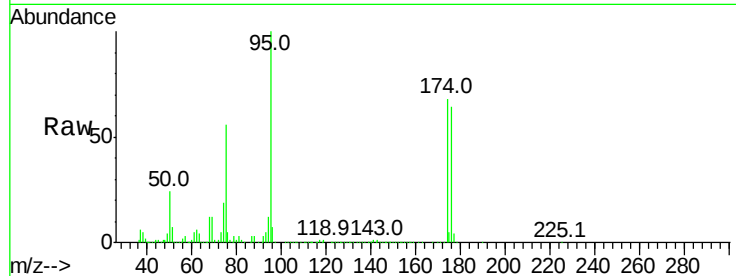




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.850 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.01 min
 Lab File: VL037270.D
 Acq: 2 Jul 2021 11:54

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 QC062321 CAN 10282

Tgt Ion: 95 Resp: 2425718
 Ion Ratio Lower Upper
 95 100
 174 73.9 57.0 85.4
 175 5.3 4.4 6.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.048 ppbv
 RT: 25.06 min Scan# 6927
 Delta R.T. 0.08 min
 Lab File: VL037270.D
 Acq: 2 Jul 2021 11:54

Tgt Ion: 142 Resp: 4322
 Ion Ratio Lower Upper
 142 100
 141 70.9 63.7 95.5
 115 11.2 30.6 45.8#

