

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091621\
Quantitation Report (Not Reviewed)

Data File : VL037615.D
Acq On : 16 Sep 2021 12:10
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Sep 16 12:43:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 10:46:26 2021
QLast Update : Thu Sep 16 10:46:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1613721	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4663538	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4064220	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2976246	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

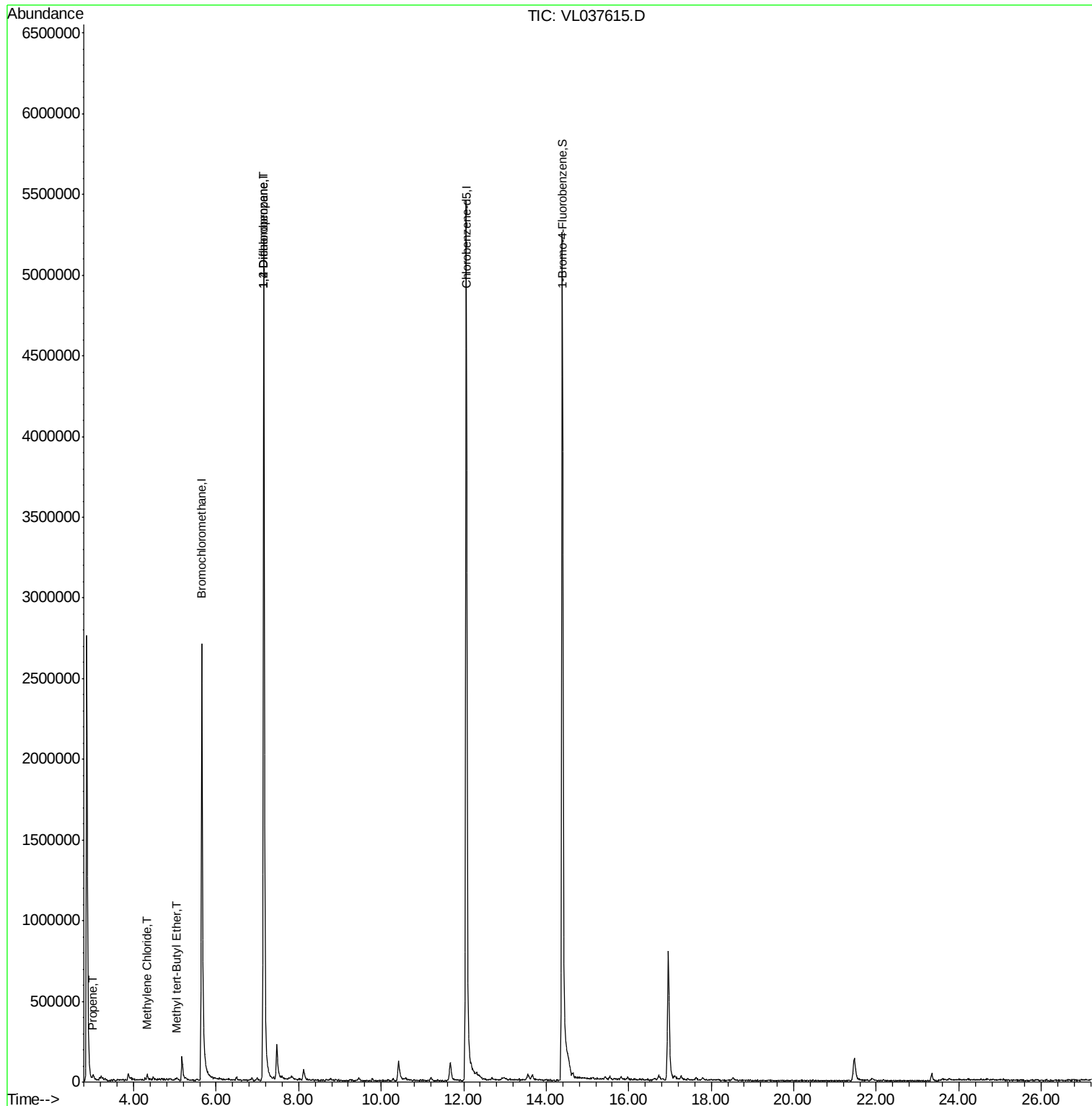
Target Compounds					Qvalue	
9) Propene	3.00	41	5933	0.054	ppbv #	23
20) Methylene Chloride	4.33	84	6073	0.074	ppbv #	69
28) Methyl tert-Butyl Ether	5.04	73	7022	0.036	ppbv #	73
39) 1,2-Dichloropropane	7.15	63	1073594	7.127	ppbv #	27

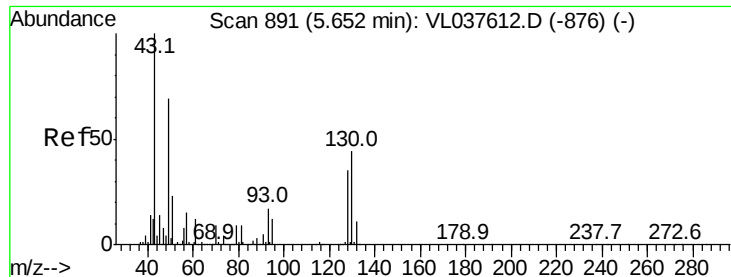
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL037615.D
Acq On : 16 Sep 2021 12:10
Operator : SY/AP
Sample : VSTDIC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Quant Time: Sep 16 12:43:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 10:46:26 2021
QLast Update : Thu Sep 16 10:46:26 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

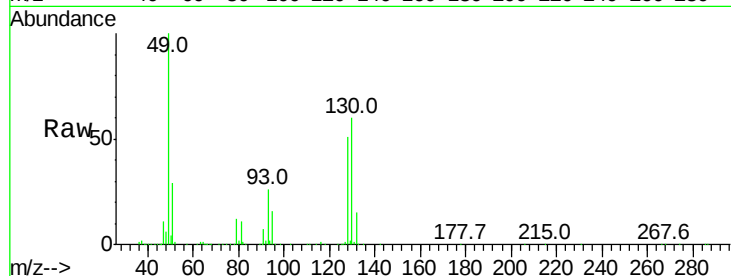
Tgt Ion: 49 Resp: 1613721

Ion Ratio Lower Upper

49 100

128 53.9 27.9 83.6

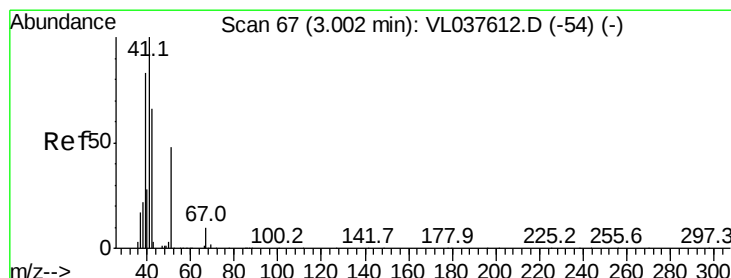
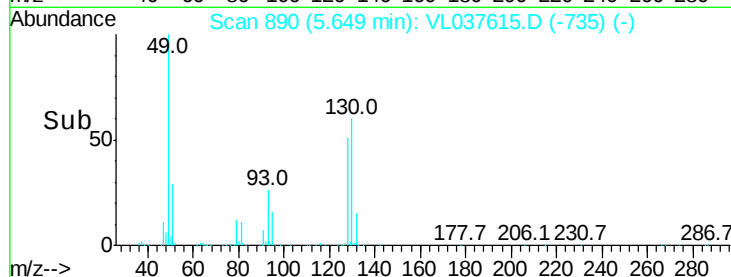
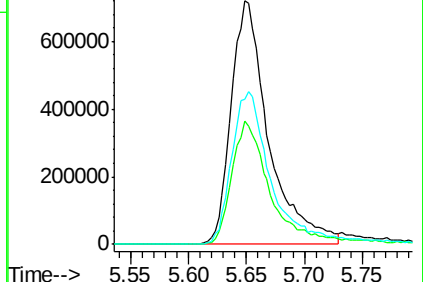
130 68.0 33.9 101.7



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: 0.054 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.00 min

Lab File: VL037615.D

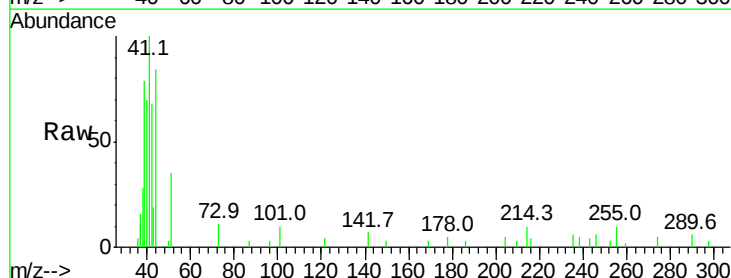
Acq: 16 Sep 2021 12:10

Tgt Ion: 41 Resp: 5933

Ion Ratio Lower Upper

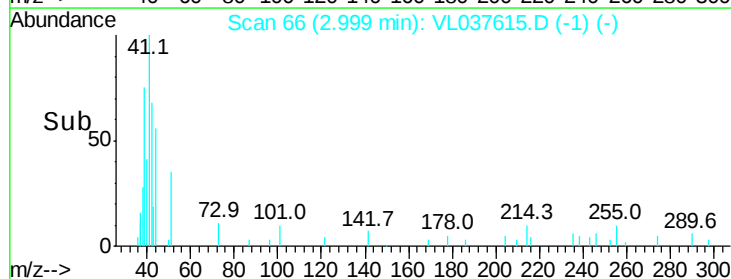
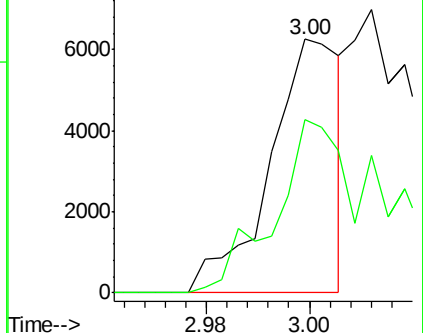
41 100

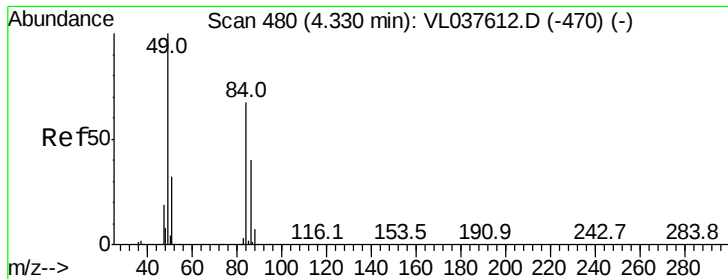
42 135.3 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#20

Methylene Chloride

Concen: 0.074 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 84 Resp: 6073

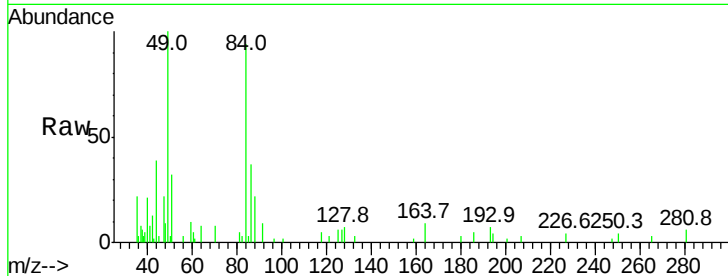
Ion Ratio Lower Upper

84 100

49 105.7 120.0 180.0#

51 35.8 38.0 57.0#

86 34.9 48.2 72.2#

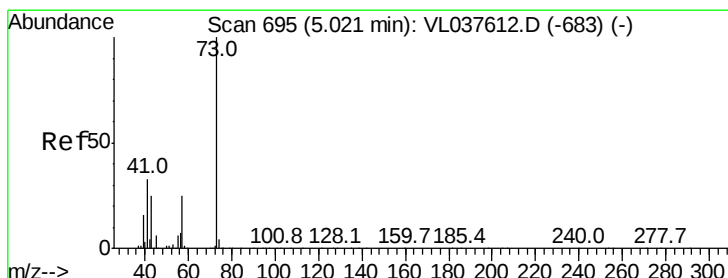
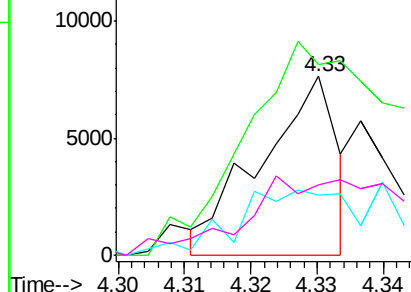
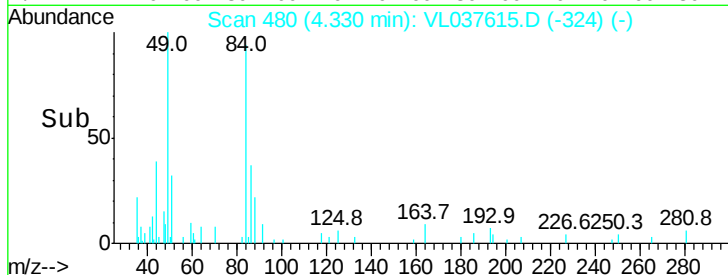


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#28

Methyl tert-Butyl Ether

Concen: 0.036 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL037615.D

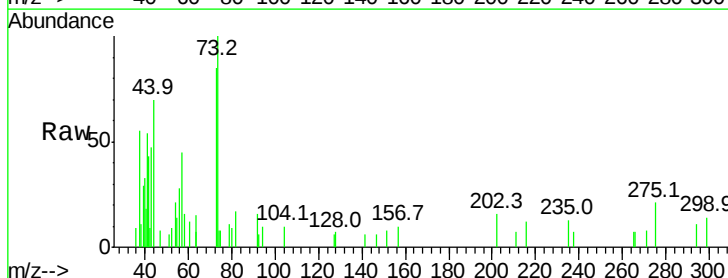
Acq: 16 Sep 2021 12:10

Tgt Ion: 73 Resp: 7022

Ion Ratio Lower Upper

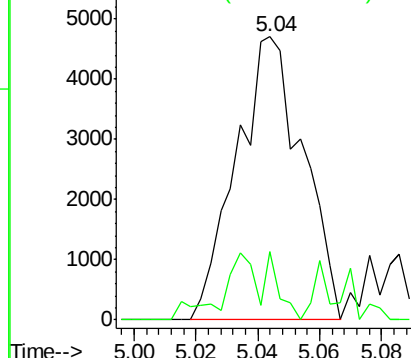
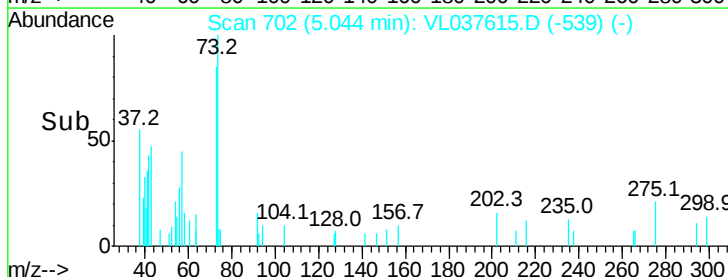
73 100

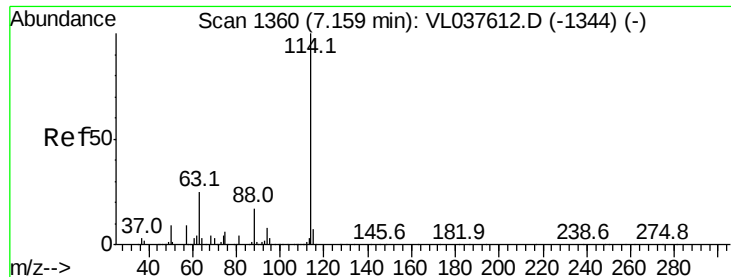
57 11.5 20.1 30.1#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.00 min

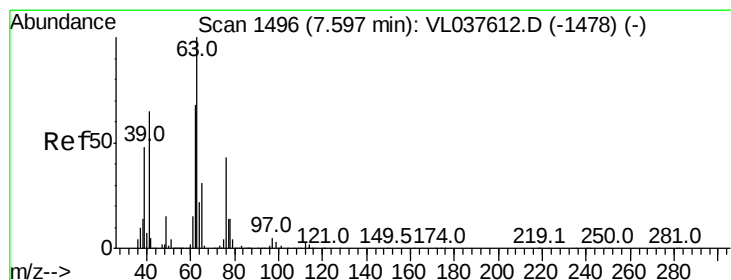
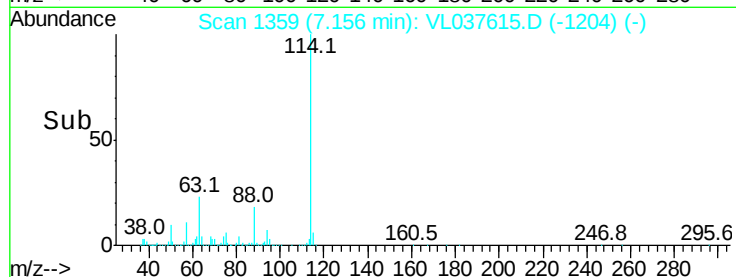
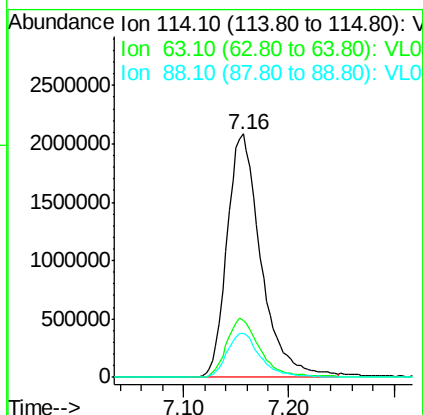
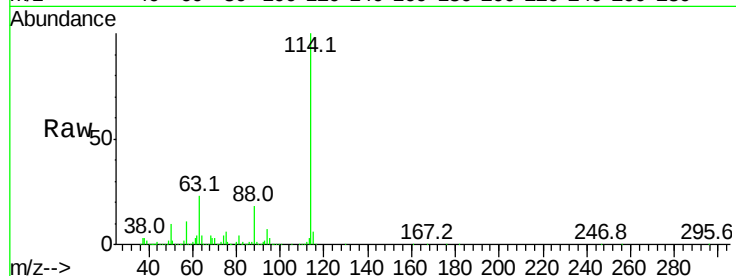
Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion:114 Resp: 4663538

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	18.1	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.127 ppbv

RT: 7.15 min Scan# 1358

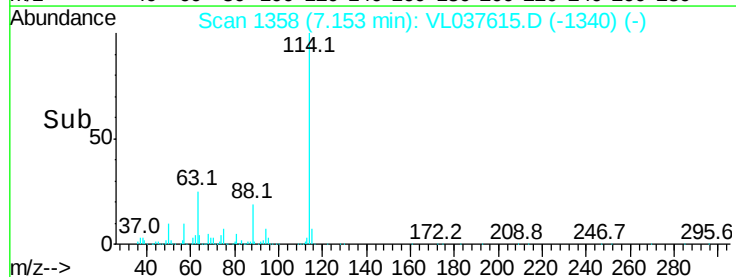
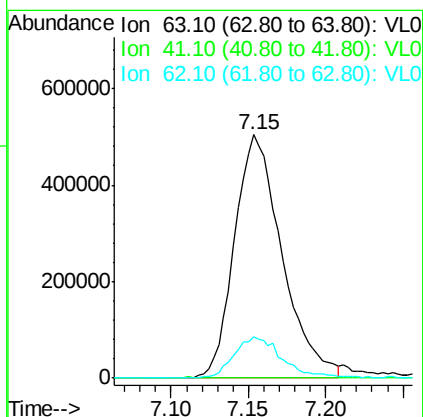
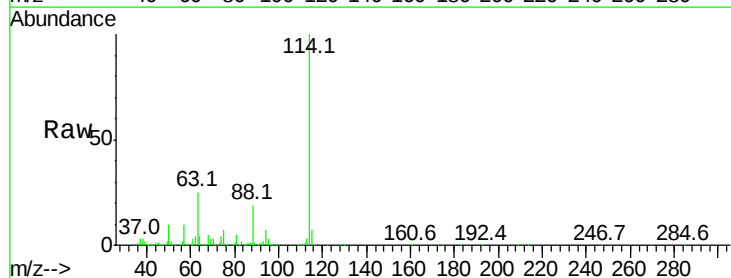
Delta R.T. -0.44 min

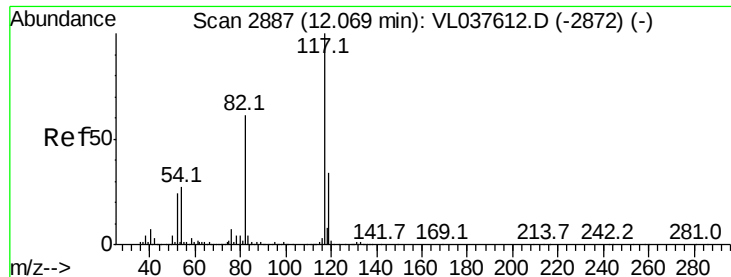
Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

Tgt Ion: 63 Resp: 1073594

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	16.8	54.6	81.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.01 min

Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

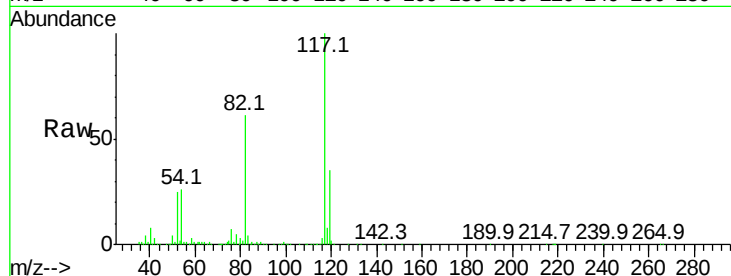
Tgt Ion:117 Resp: 4064220

Ion Ratio Lower Upper

117 100

82 62.0 50.6 75.8

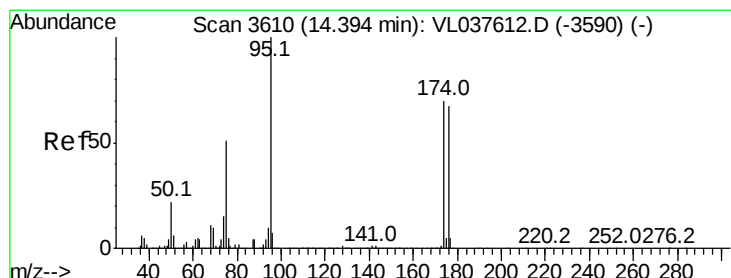
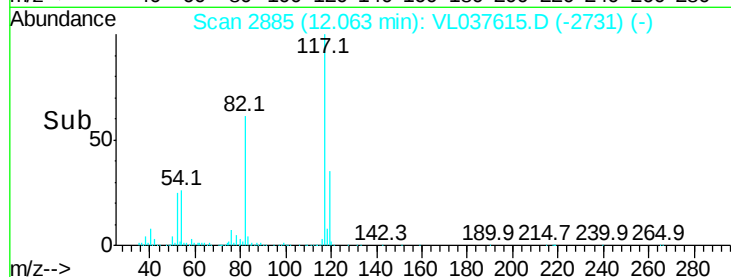
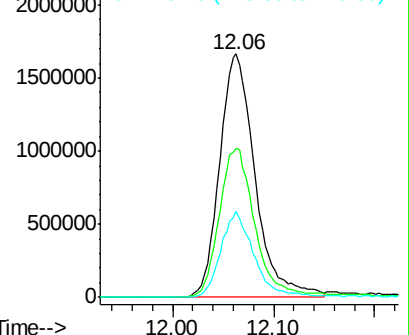
119 34.2 26.2 39.2



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: 10.308 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.01 min

Lab File: VL037615.D

Acq: 16 Sep 2021 12:10

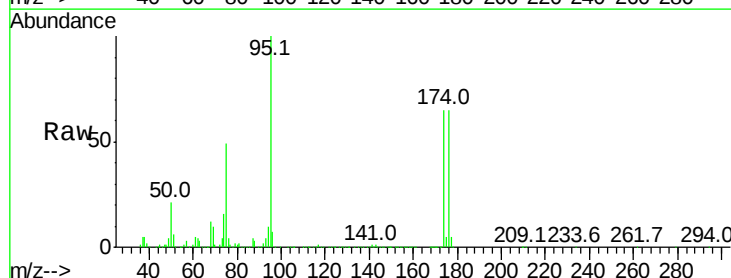
Tgt Ion: 95 Resp: 2976246

Ion Ratio Lower Upper

95 100

174 71.9 56.3 84.5

175 5.5 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

