

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081321\
Quantitation Report (Not Reviewed)

Data File : VL037443.D
Acq On : 13 Aug 2021 11:19
Operator : SY/AP
Sample : VL0813ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0813ABL01

Quant Time: Aug 13 12:22:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 15:26:13 2021
QLast Update : Thu Aug 12 15:26:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1282872	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3916224	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3255053	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2376447	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	3913	0.046	ppbv #	16
20) Methylene Chloride	4.35	84	2745	0.038	ppbv	98
39) 1,2-Dichloropropane	7.17	63	927027	7.369	ppbv #	27
80) Naphthalene,2-methyl-	24.98	142	3609	0.078	ppbv #	1

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

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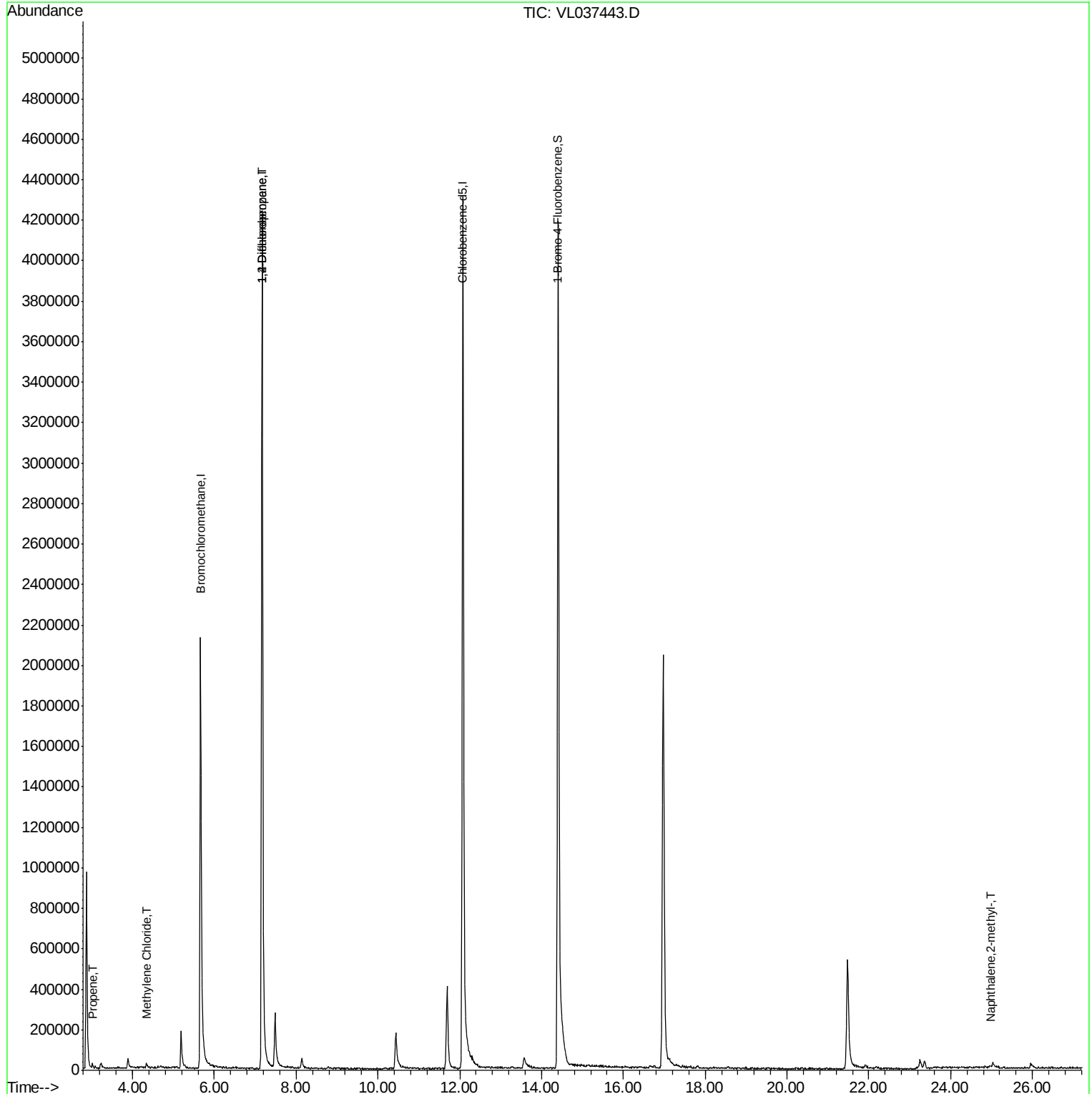
Quant Time: Aug 13 12:22:39 2021

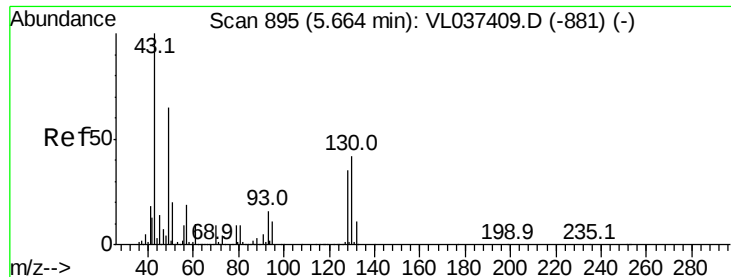
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037443.D

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MSVOA_L

ClientSampleId :

VL0813ABL01

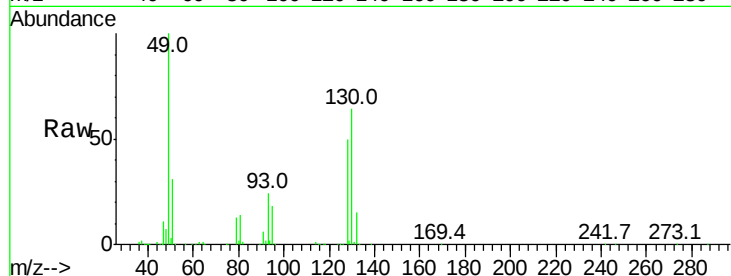
Tgt Ion: 49 Resp: 1282872

Ion Ratio Lower Upper

49 100

128 53.6 27.9 83.6

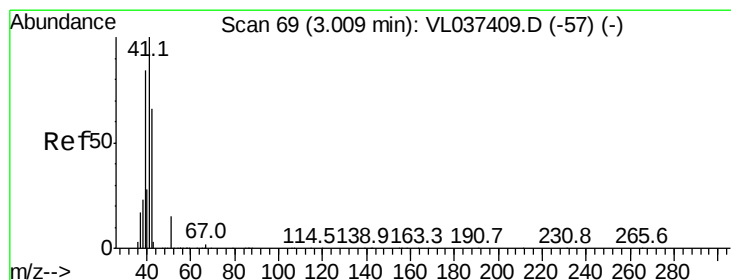
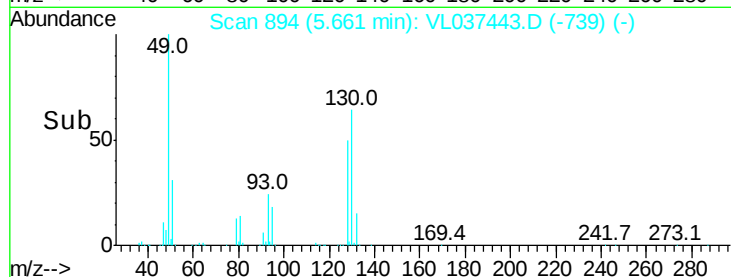
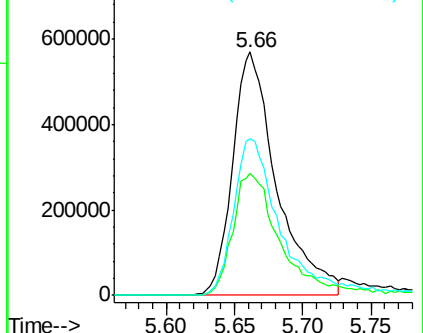
130 70.8 34.6 103.8



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: 0.046 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL037443.D

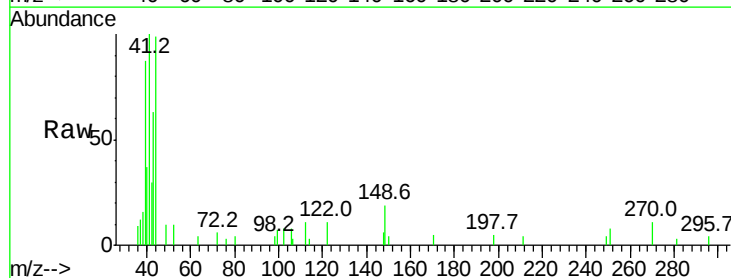
Acq: 13 Aug 2021 11:19

Tgt Ion: 41 Resp: 3913

Ion Ratio Lower Upper

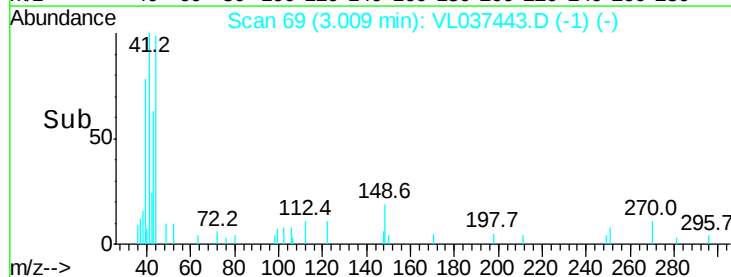
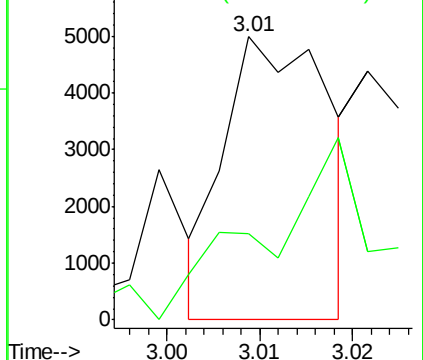
41 100

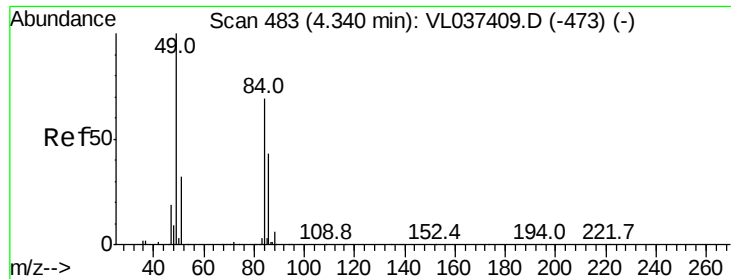
42 0.0 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

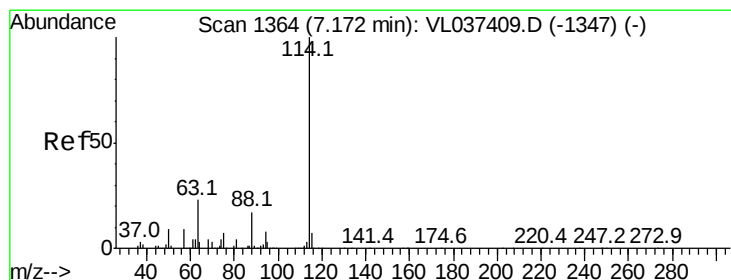
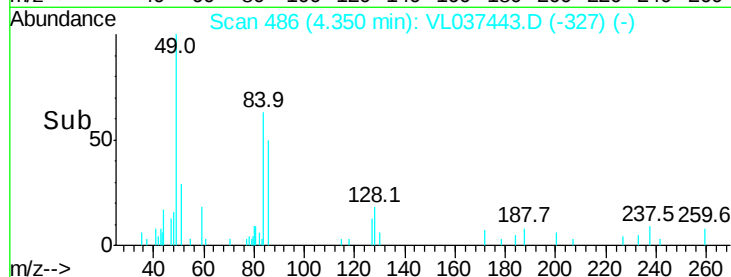
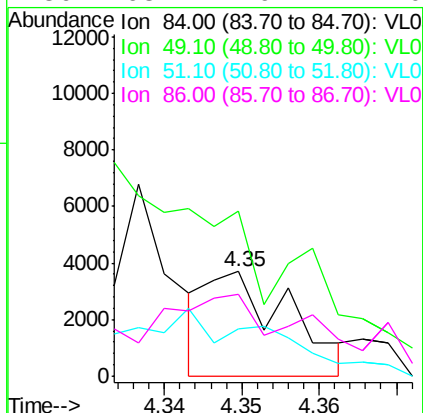
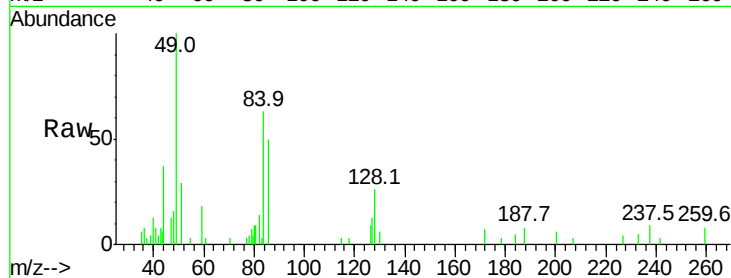




#20
Methylene Chloride
Concen: 0.038 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

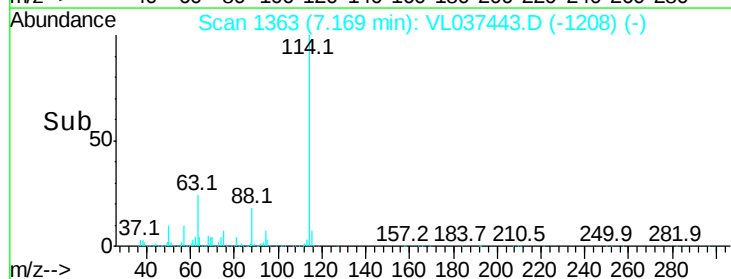
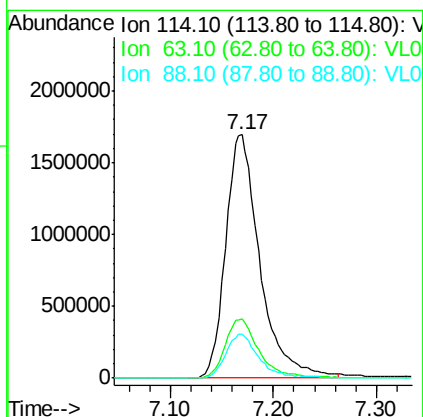
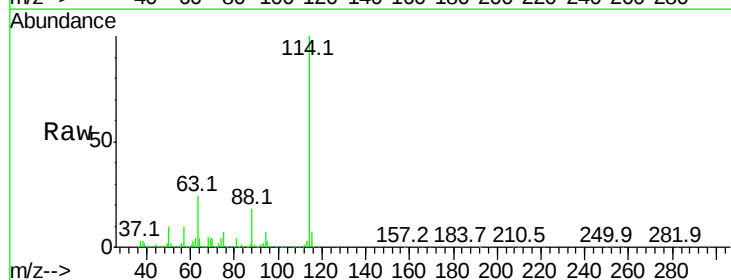
Instrument :
MSVOA_L
ClientSampleId :
VL0813ABL01

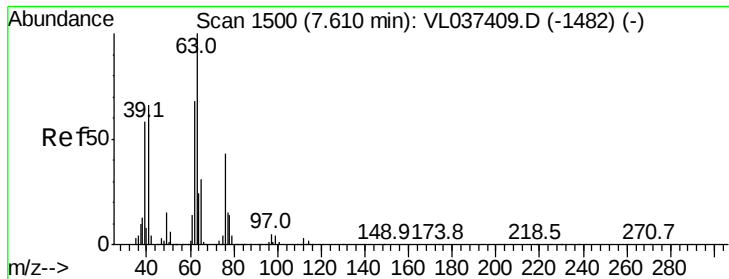
Tgt Ion:	84	Resp:	2745
Ion	Ratio	Lower	Upper
84	100		
49	143.6	116.0	174.0
51	48.7	37.1	55.7
86	63.1	49.4	74.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

Tgt Ion:	114	Resp:	3916224
Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.2
88	17.8	14.2	21.4





#39

1,2-Dichloropropane

Concen: 7.369 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.44 min

Lab File: VL037443.D

Acq: 13 Aug 2021 11:19

Instrument :

MSVOA_L

ClientSampleId :

VL0813ABL01

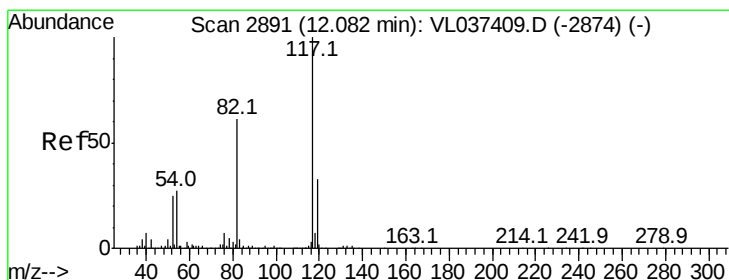
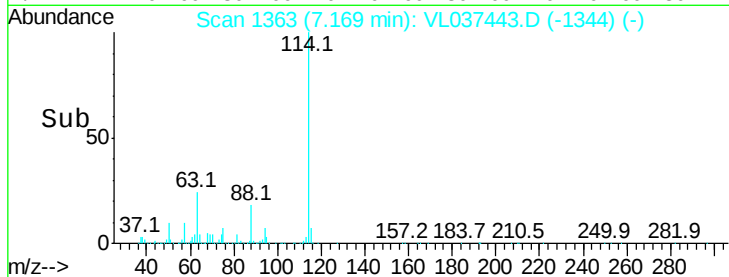
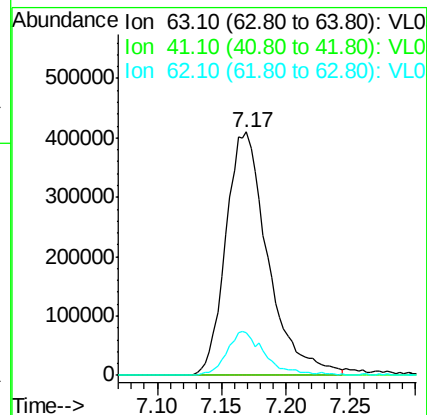
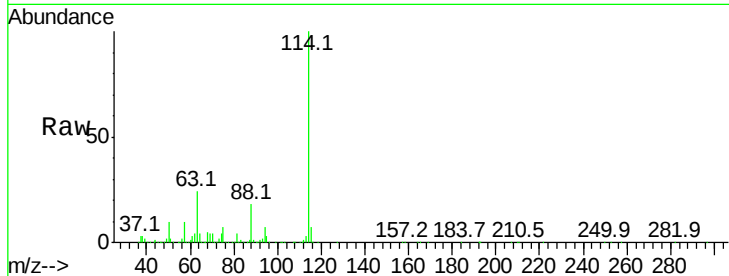
Tgt Ion: 63 Resp: 927027

Ion Ratio Lower Upper

63 100

41 0.0 53.0 79.6#

62 17.3 54.5 81.7#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL037443.D

Acq: 13 Aug 2021 11:19

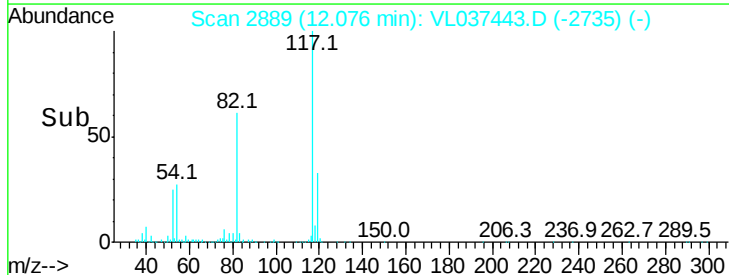
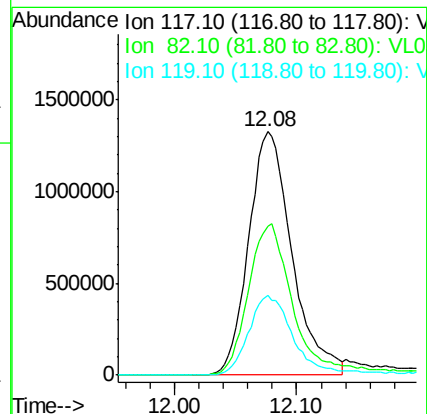
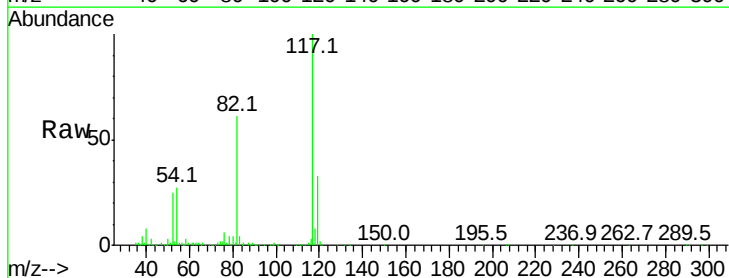
Tgt Ion: 117 Resp: 3255053

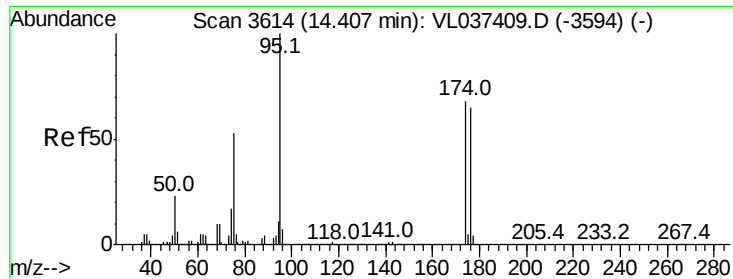
Ion Ratio Lower Upper

117 100

82 66.0 53.1 79.7

119 34.6 28.0 42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.178 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL037443.D

Acq: 13 Aug 2021 11:19

Instrument :

MSVOA_L

ClientSampleId :

VL0813ABL01

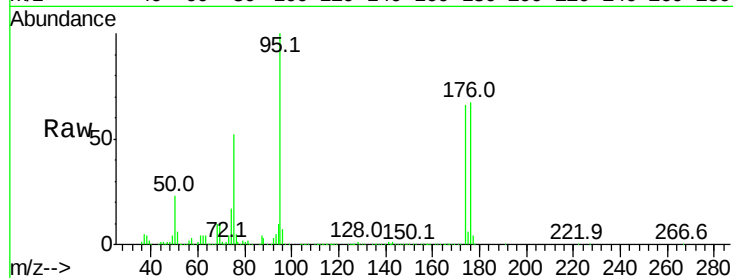
Tgt Ion: 95 Resp: 2376447

Ion Ratio Lower Upper

95 100

174 76.6 59.6 89.4

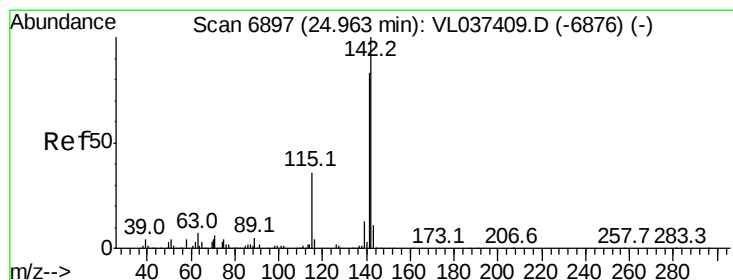
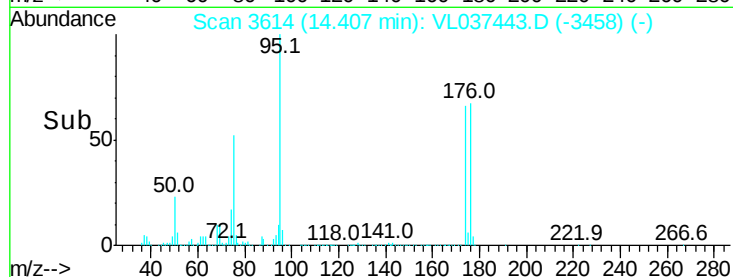
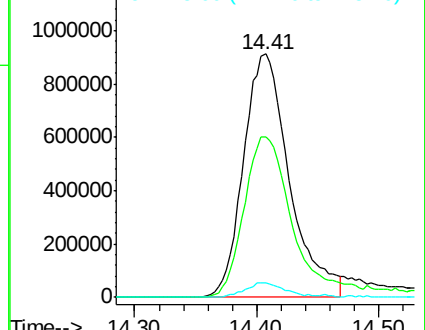
175 6.1 4.3 6.5



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



#80

Naphthalene, 2-methyl-

Concen: 0.078 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. 0.01 min

Lab File: VL037443.D

Acq: 13 Aug 2021 11:19

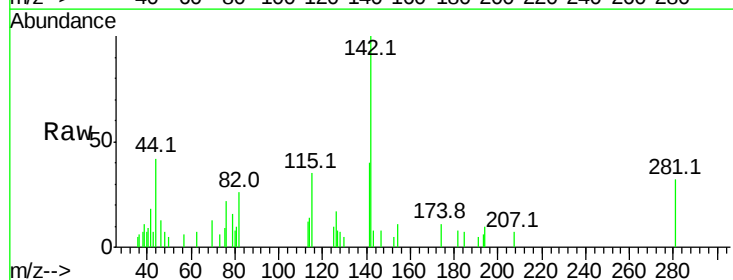
Tgt Ion: 142 Resp: 3609

Ion Ratio Lower Upper

142 100

141 260.3 68.7 103.1#

115 89.5 32.7 49.1#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

