

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081621\
Quantitation Report (Not Reviewed)

Data File : VL037463.D
Acq On : 16 Aug 2021 16:00
Operator : SY/AP
Sample : VL0816ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Quant Time: Aug 16 16:30:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 16 14:55:18 2021
QLast Update : Mon Aug 16 14:55:18 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1480460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4553592	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3855548	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2783294	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

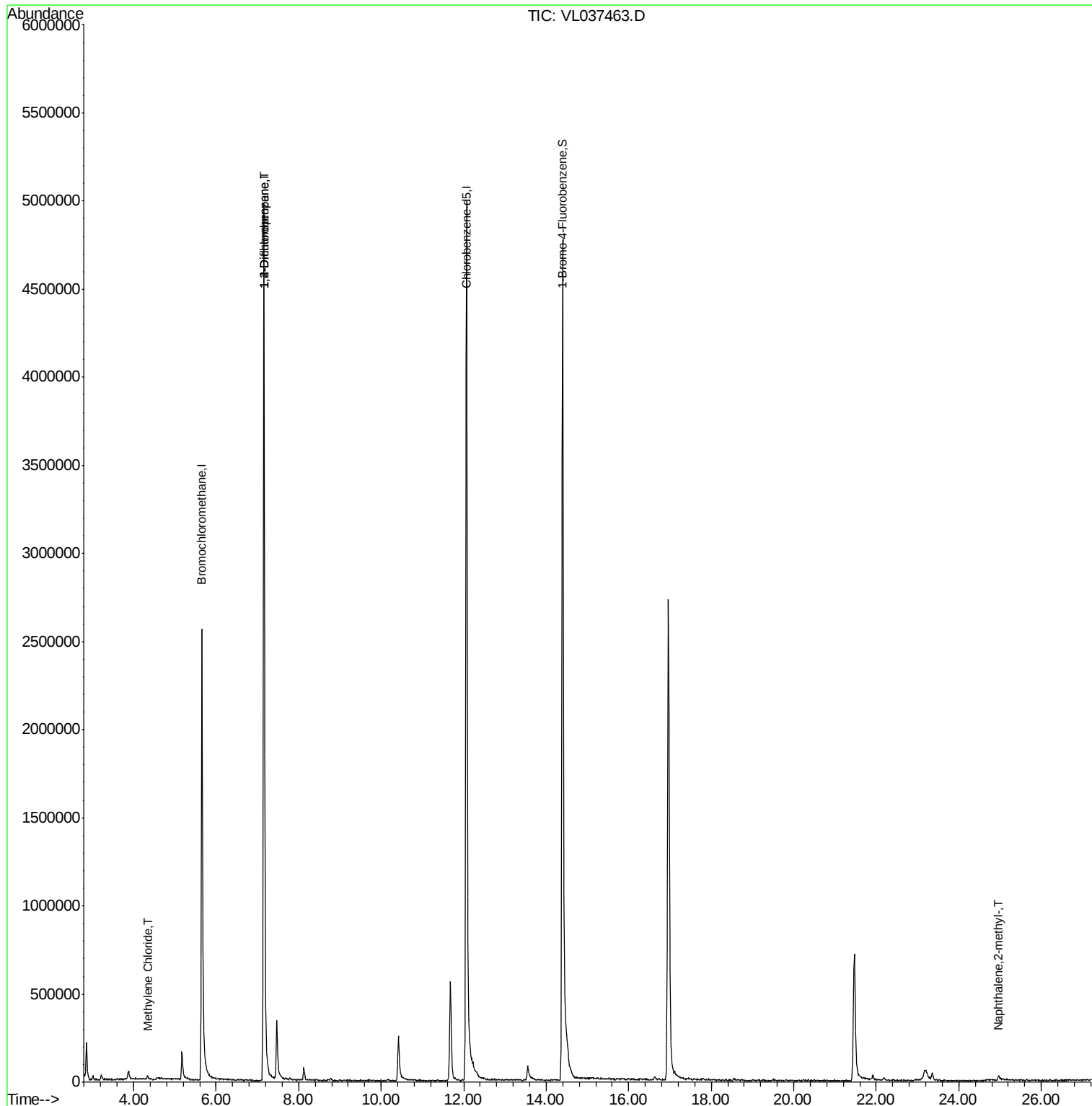
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	5105	0.068	ppbv #	42
39) 1,2-Dichloropropane	7.15	63	1059090	7.200	ppbv #	28
80) Naphthalene,2-methyl-	24.97	142	17934	0.189	ppbv	95

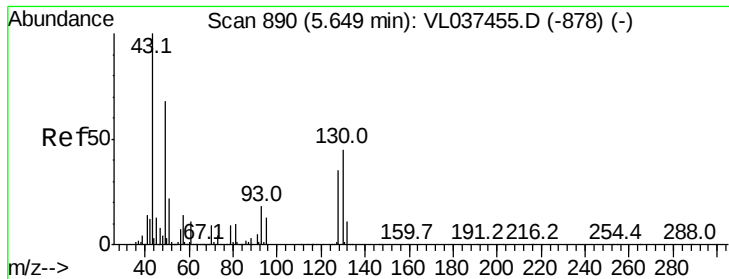
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

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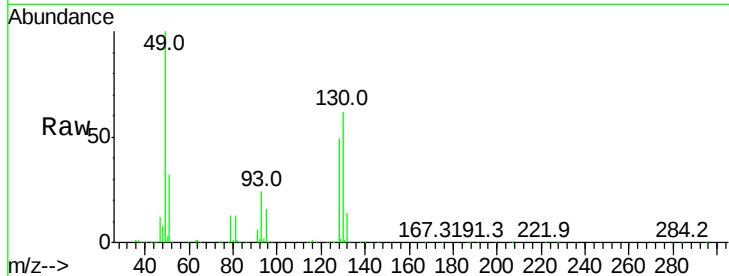
Tgt Ion: 49 Resp: 1480460

Ion Ratio Lower Upper

49 100

128 55.3 27.5 82.4

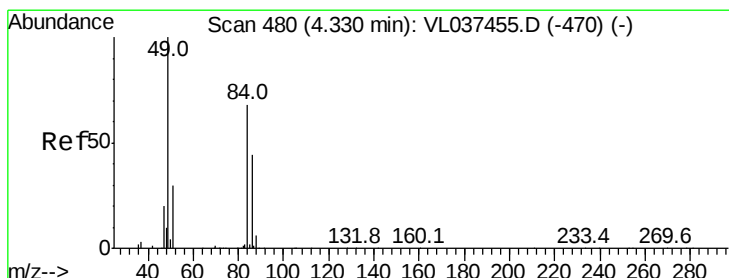
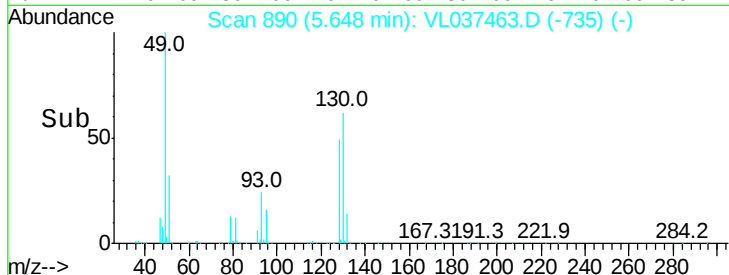
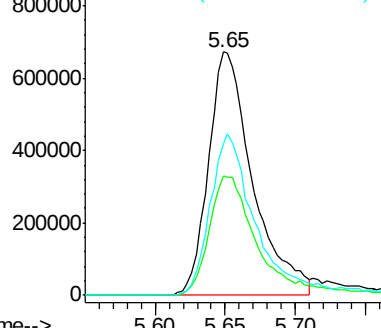
130 71.4 34.0 101.8



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



#20

Methylene Chloride

Concen: 0.068 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.01 min

Lab File: VL037463.D

Acq: 16 Aug 2021 16:00

Tgt Ion: 84 Resp: 5105

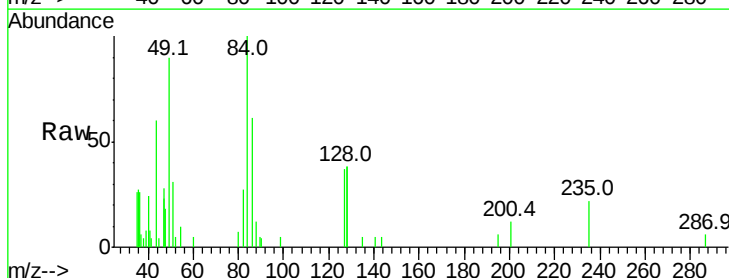
Ion Ratio Lower Upper

84 100

49 39.2 118.2 177.2#

51 20.7 36.6 55.0#

86 59.8 51.8 77.6

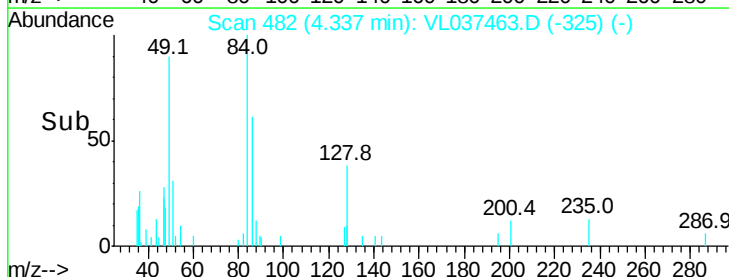
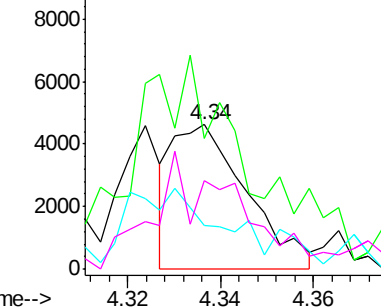


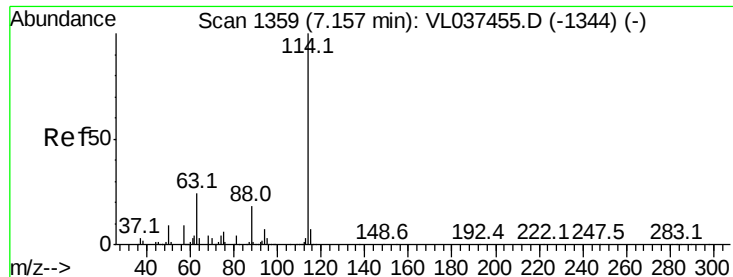
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.16 min Scan# 1359

Delta R.T. -0.00 min

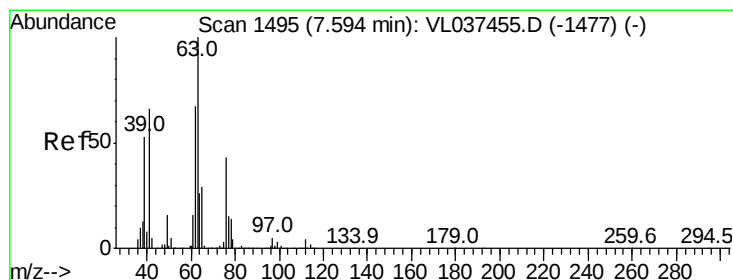
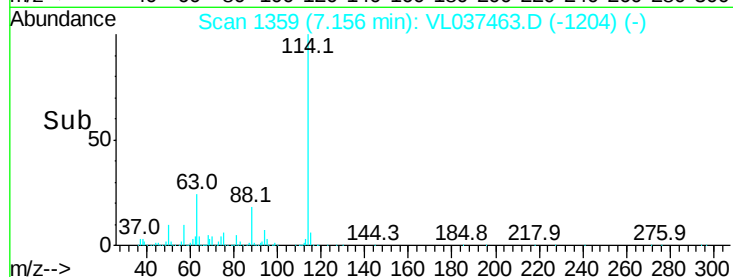
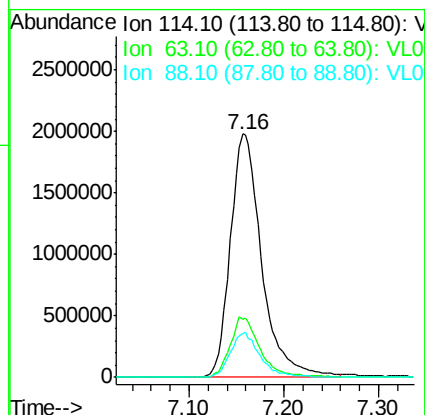
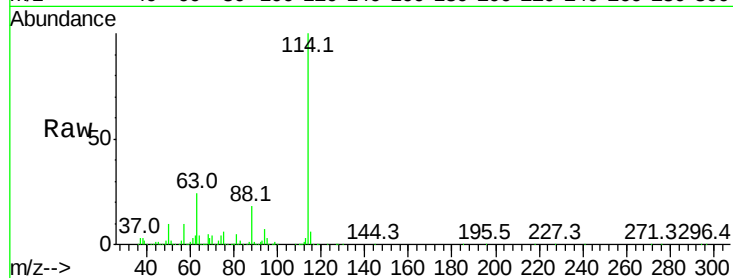
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MSVOA_L
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VL0816ABL01

Tgt Ion: 114 Resp: 4553592

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.3	28.9
88	17.8	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.200 ppbv

RT: 7.15 min Scan# 1358

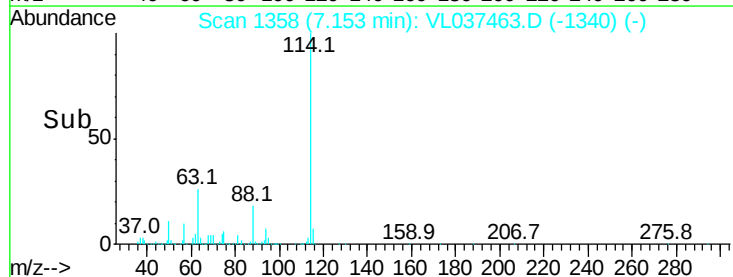
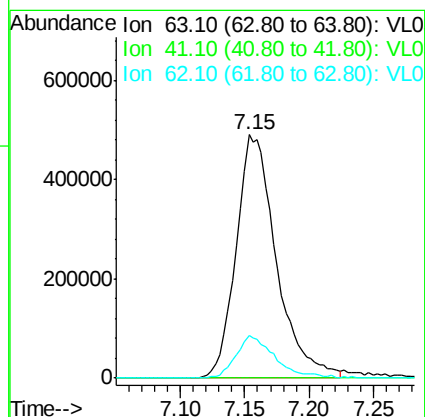
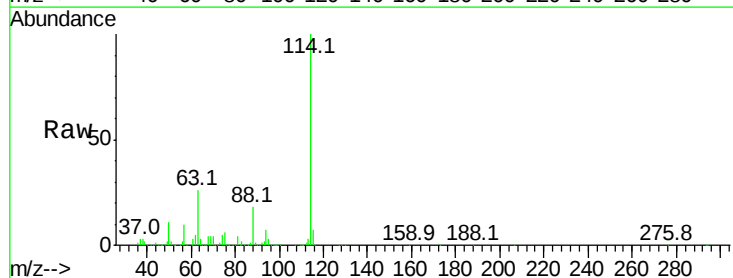
Delta R.T. -0.44 min

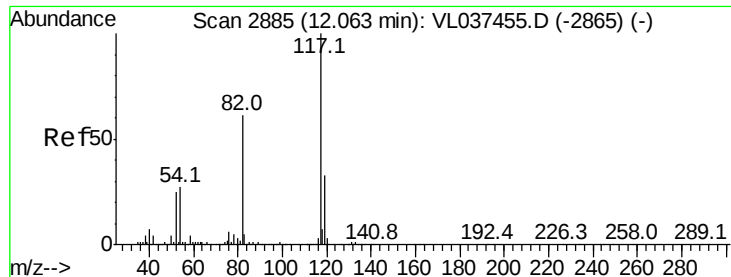
Lab File: VL037463.D

Acq: 16 Aug 2021 16:00

Tgt Ion: 63 Resp: 1059090

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	17.4	53.6	80.4#

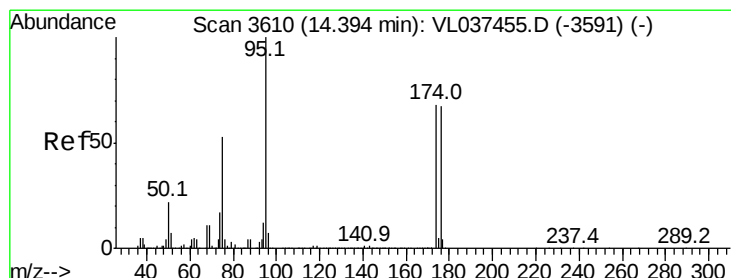
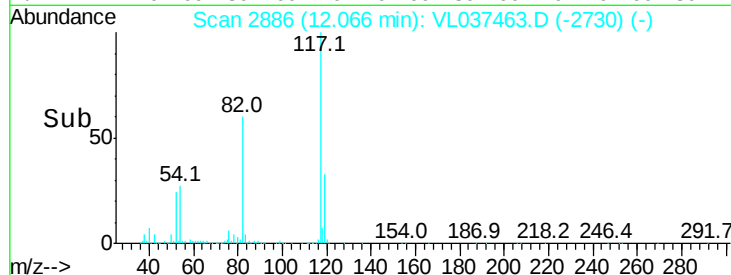
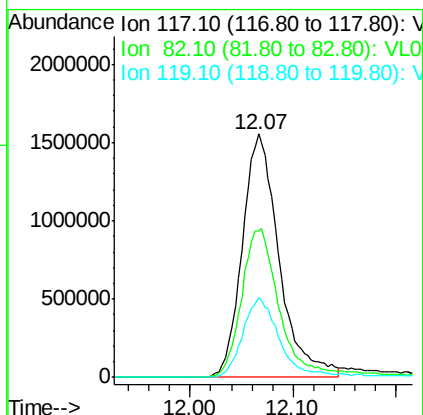
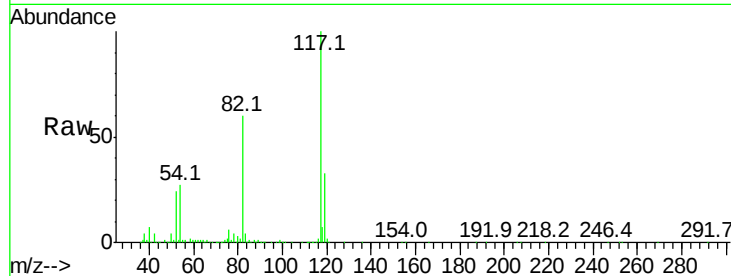




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL037463.D
Acq: 16 Aug 2021 16:00

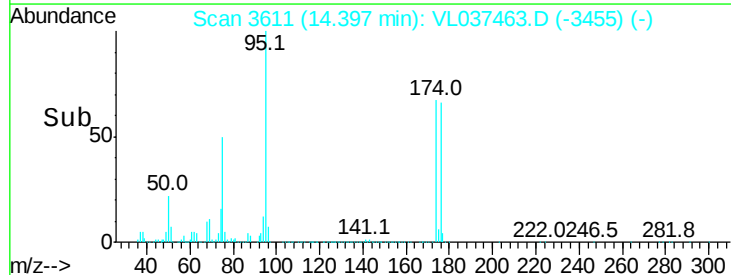
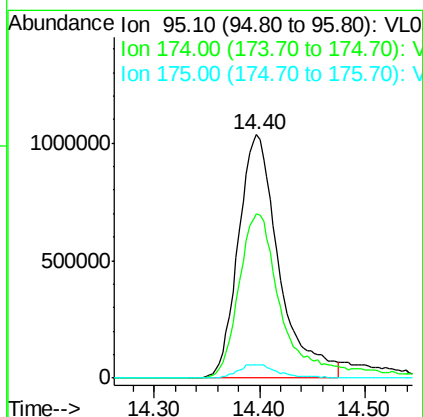
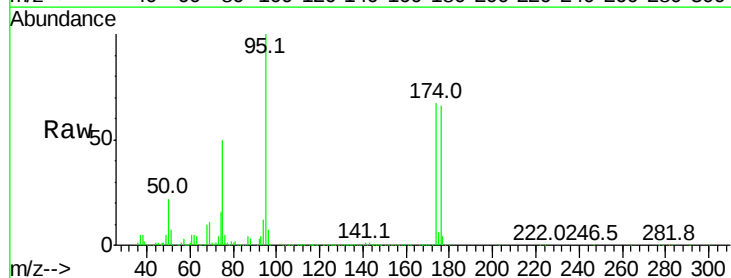
Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

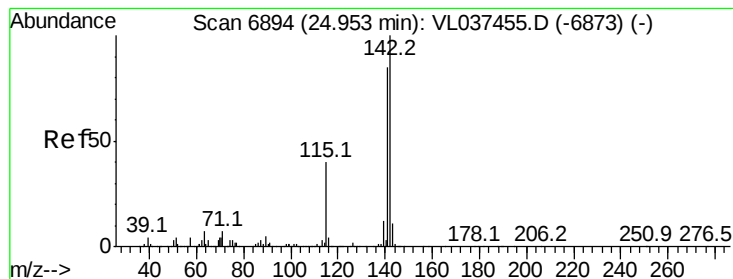
Tgt Ion: 117 Resp: 3855548
Ion Ratio Lower Upper
117 100
82 66.5 52.9 79.3
119 34.5 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.161 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL037463.D
Acq: 16 Aug 2021 16:00

Tgt Ion: 95 Resp: 2783294
Ion Ratio Lower Upper
95 100
174 74.8 59.6 89.4
175 5.5 4.6 7.0





#80

Naphthalene, 2-methyl-

Concen: 0.189 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.02 min

Lab File: VL037463.D

Acq: 16 Aug 2021 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0816ABL01

Tgt Ion:142 Resp: 17934

Ion Ratio Lower Upper

142 100

141 78.5 64.7 97.1

115 41.9 28.4 42.6

