

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037964.D
 Acq On : 2 Nov 2021 11:02
 Operator : SY/AP
 Sample : VL1102ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1102ABL01

Quant Time: Nov 03 03:49:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	1339510	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	3935308	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	3366462	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.391	95	2362857	9.656	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%

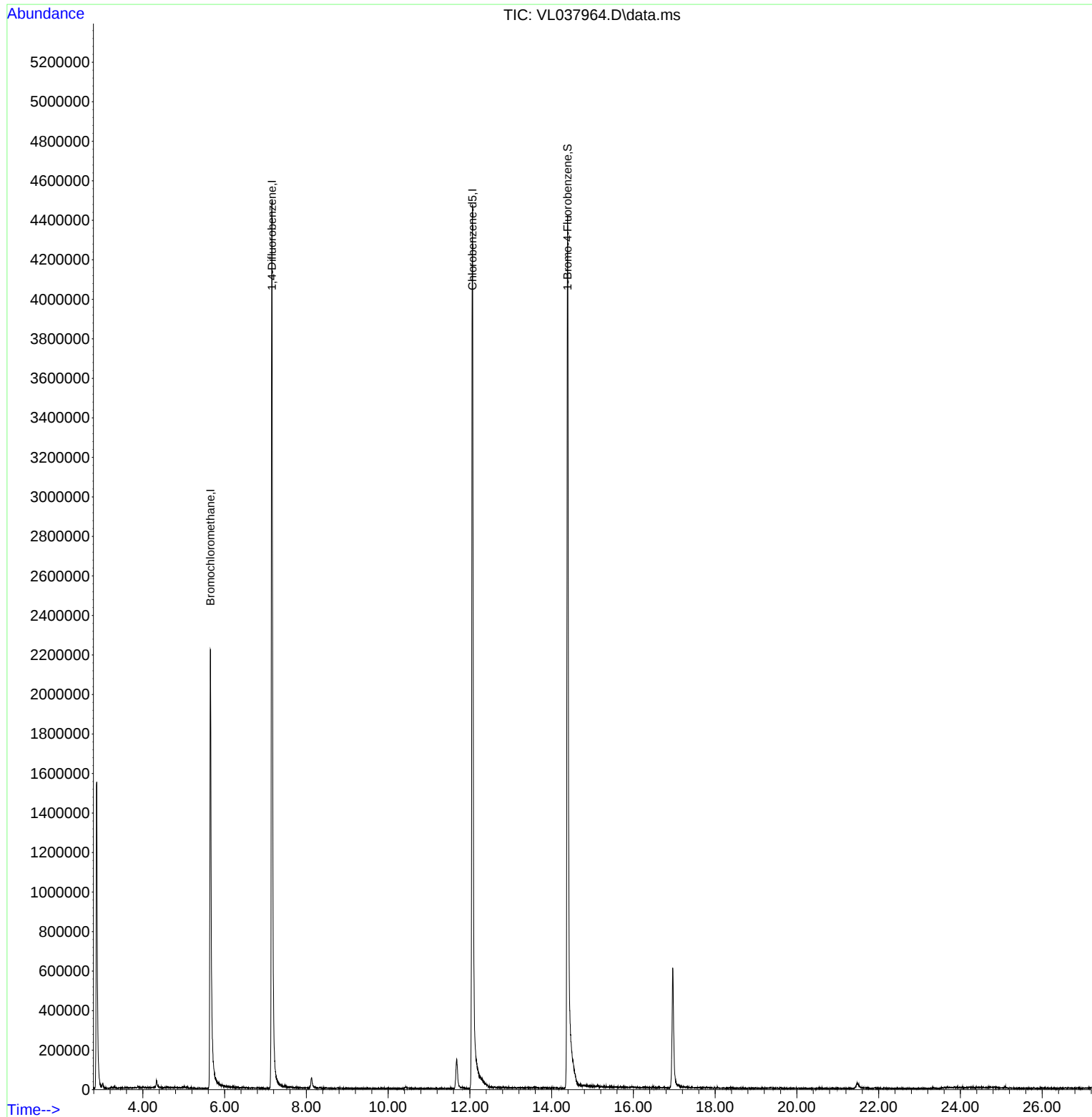
Target Compounds	Qvalue

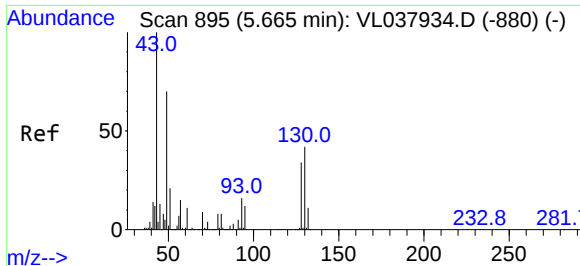
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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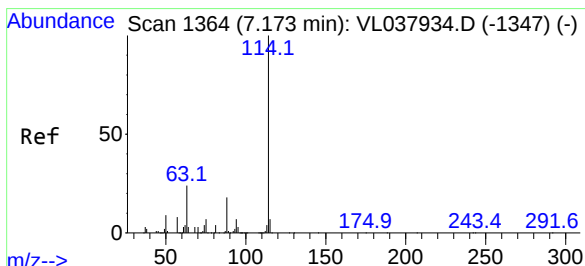
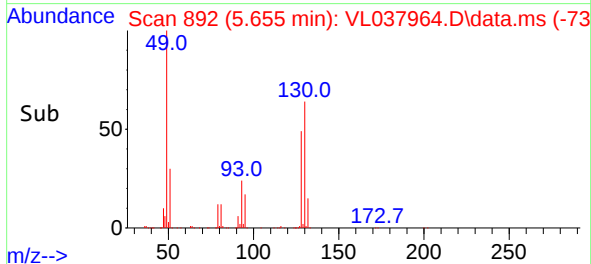
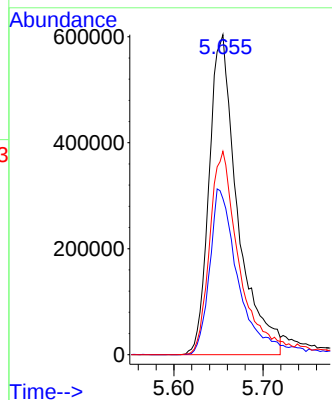
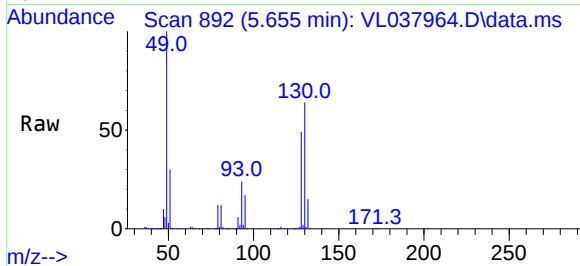




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL037964.D
Acq: 2 Nov 2021 11:02

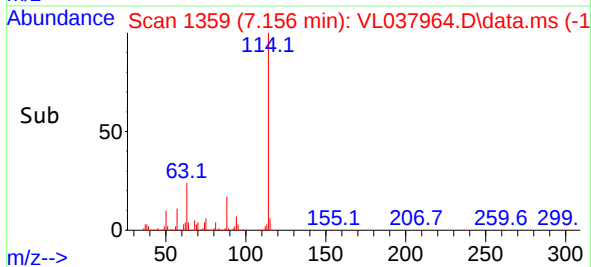
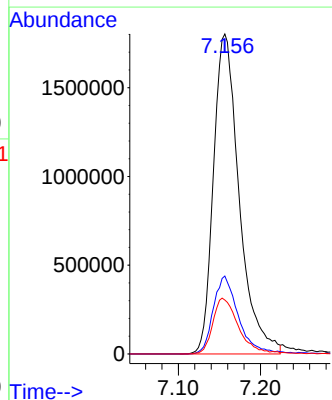
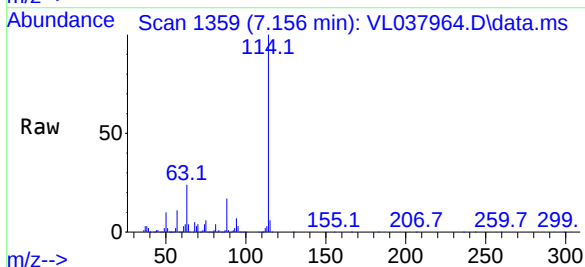
Instrument :
MSVOA_1
ClientSampleId :
VL1102ABL01

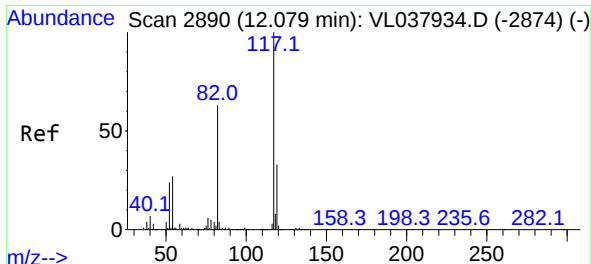
Tgt Ion: 49 Resp: 1339510
Ion Ratio Lower Upper
49 100
128 54.6 27.0 81.0
130 70.2 33.4 100.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.016 min
Lab File: VL037964.D
Acq: 2 Nov 2021 11:02

Tgt Ion: 114 Resp: 3935308
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.0
88 17.6 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.063 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL037964.D

Acq: 2 Nov 2021 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1102ABL01

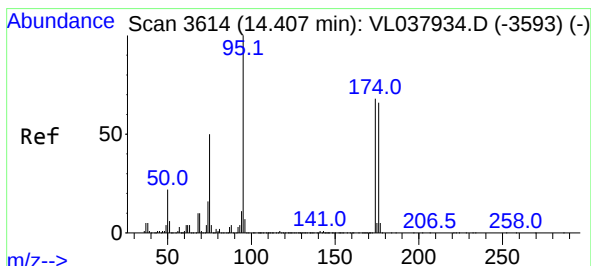
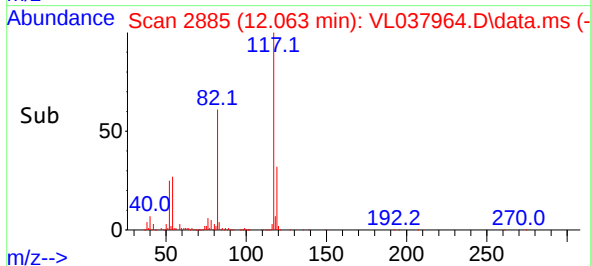
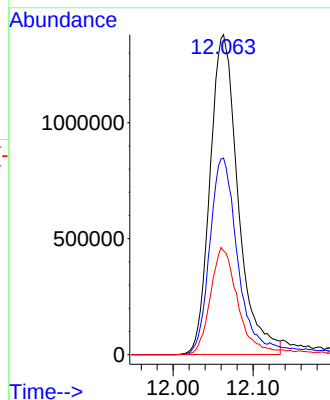
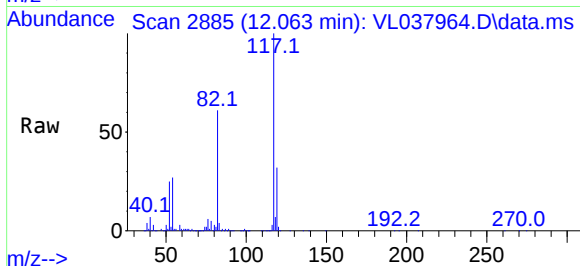
Tgt Ion:117 Resp: 3366462

Ion Ratio Lower Upper

117 100

82 64.6 51.0 76.6

119 34.6 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.656 ppbv

RT: 14.391 min Scan# 3609

Delta R.T. -0.016 min

Lab File: VL037964.D

Acq: 2 Nov 2021 11:02

Tgt Ion: 95 Resp: 2362857

Ion Ratio Lower Upper

95 100

174 76.7 58.3 87.5

175 5.7 4.6 6.8

