

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
Data File : VL038008.D
Acq On : 10 Nov 2021 13:34
Operator : SY/AP
Sample : VL1110ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

Quant Time: Nov 11 04:39:08 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1417943	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4155997	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3568999	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2608430	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

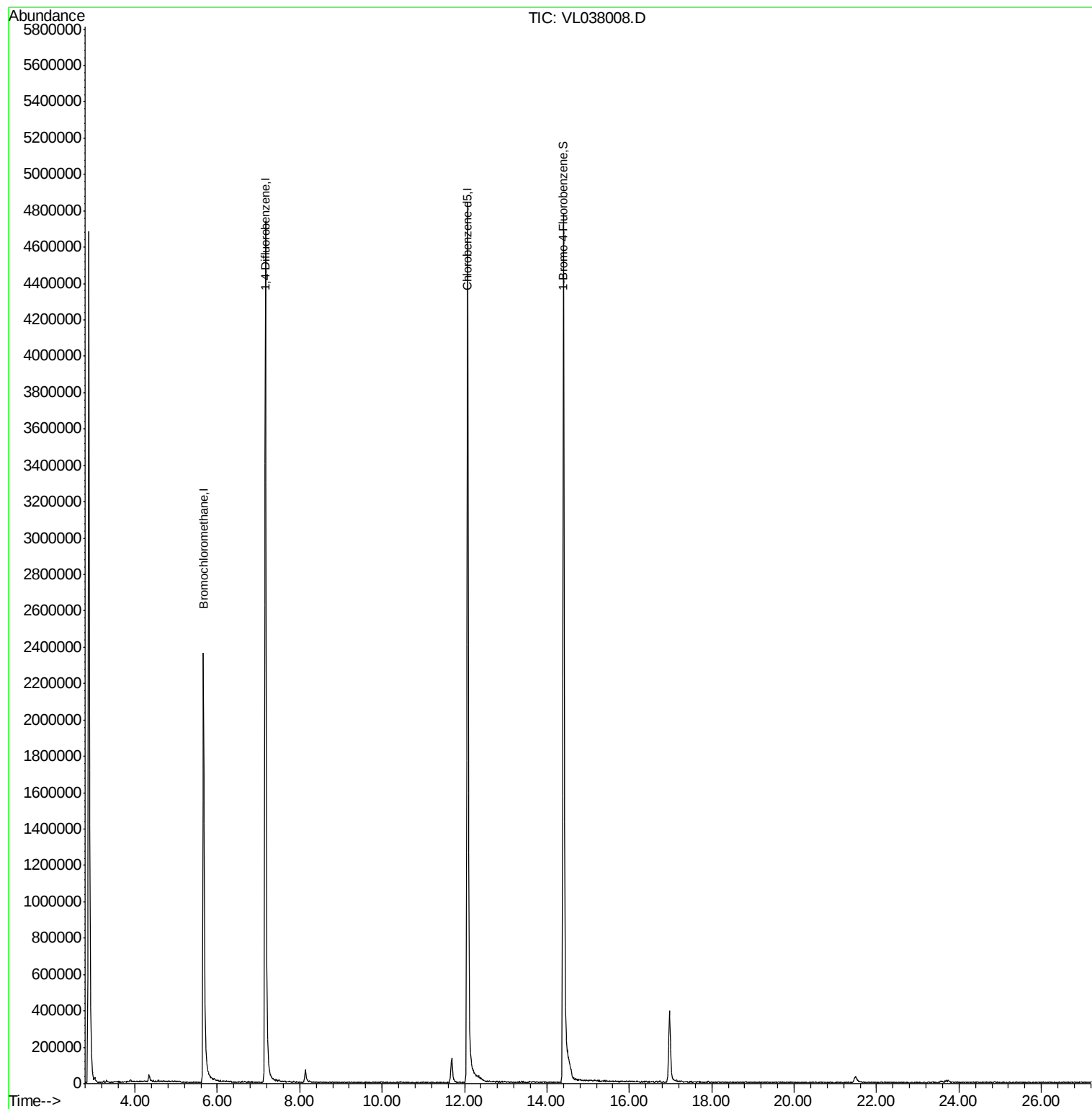
Target Compounds	Ovalue
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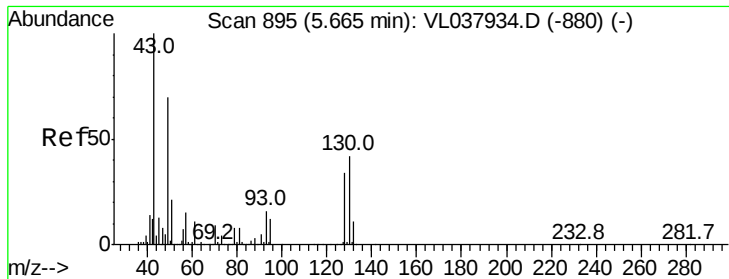
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1110ABL01

Acq: 10 Nov 2021 13:34

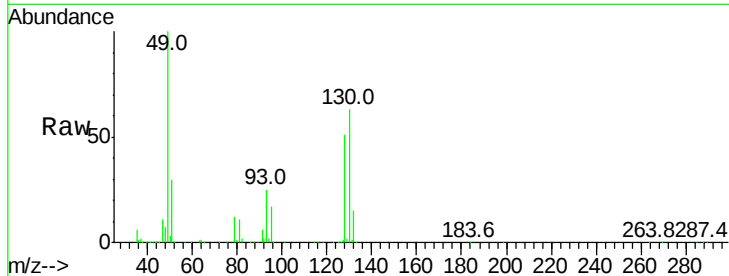
Tot Ion: 49 Resp: 1417943

Ion Ratio Lower Upper

49 100

128 53.6 27.0 81.0

130 69.1 33.4 100.2



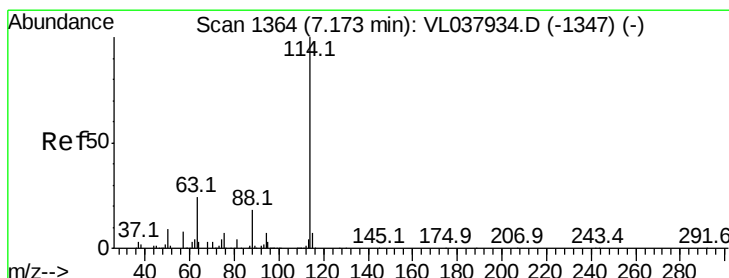
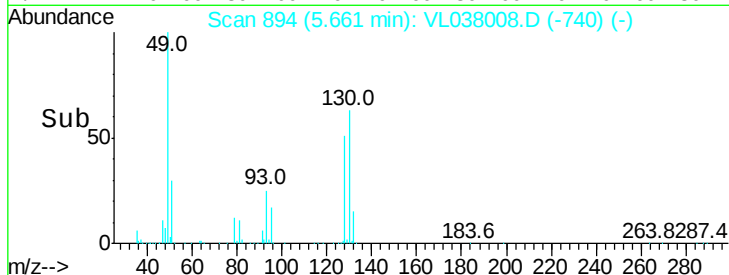
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.66

Time--> 5.55 5.60 5.65 5.70 5.75



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL038008.D

Acq: 10 Nov 2021 13:34

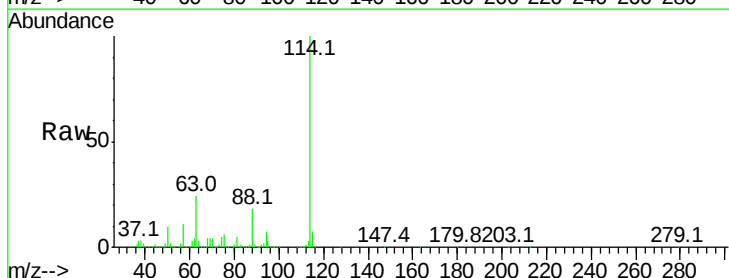
Tgt Ion:114 Resp: 4155997

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.0

88 17.7 14.2 21.4



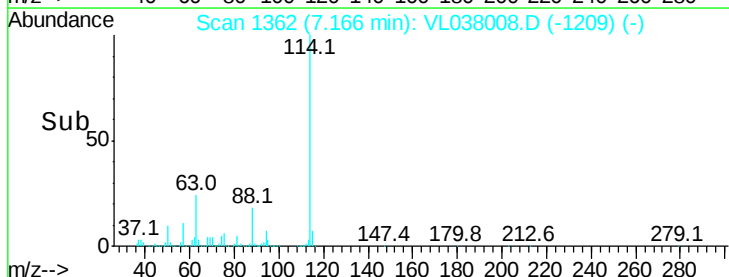
Abundance Ion 114.10 (113.80 to 114.80): V

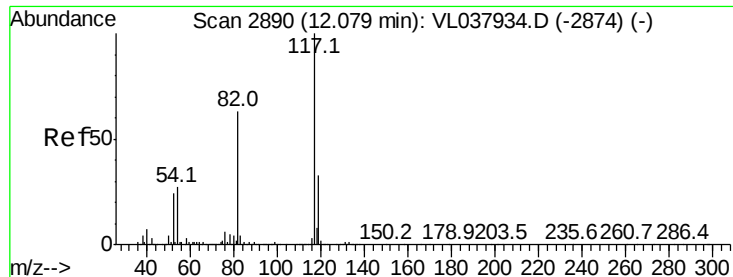
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.17

Time--> 7.10 7.15 7.20 7.25

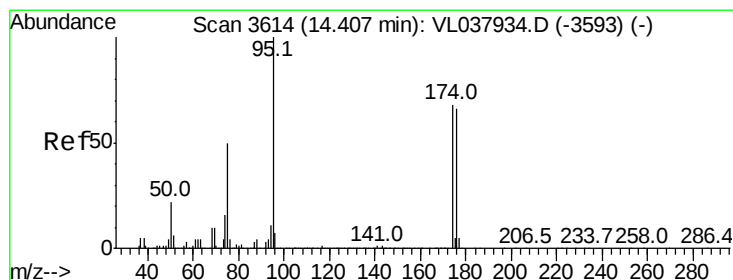
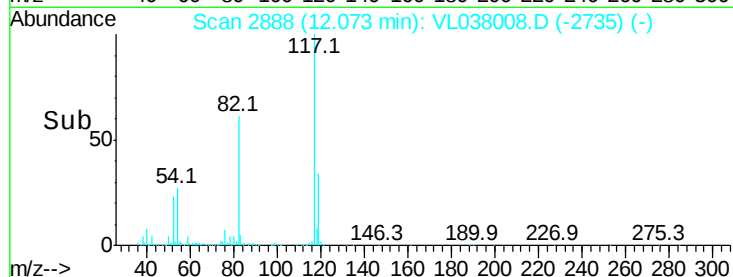
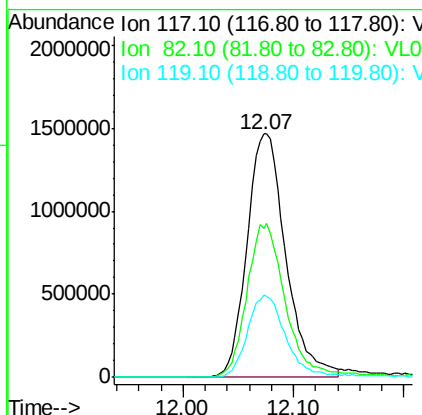
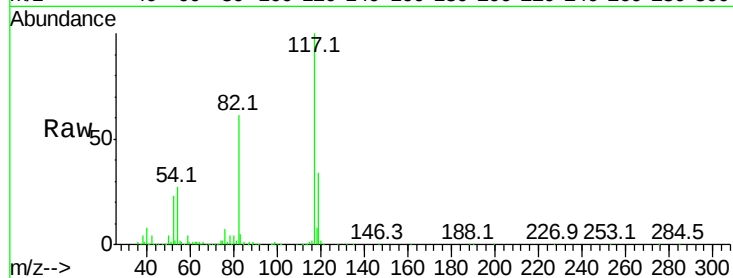




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABL01
Acq: 10 Nov 2021 13:34

Tot Ion: 117 Resp: 3568999

Ion	Ratio	Lower	Upper
117	100		
82	65.1	51.0	76.6
119	34.3	26.9	40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.054 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: -0.00 min
Lab File: VL038008.D
Acq: 10 Nov 2021 13:34

Tgt Ion: 95 Resp: 2608430

Ion	Ratio	Lower	Upper
95	100		
174	73.3	58.3	87.5
175	5.3	4.6	6.8

