

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
Data File : VL038129.D
Acq On : 29 Nov 2021 10:57
Operator : SY/AP
Sample : VL1129ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1129ABL01

Quant Time: Nov 30 05:54:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1011047	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2807795	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2390694	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1915865	11.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.10%

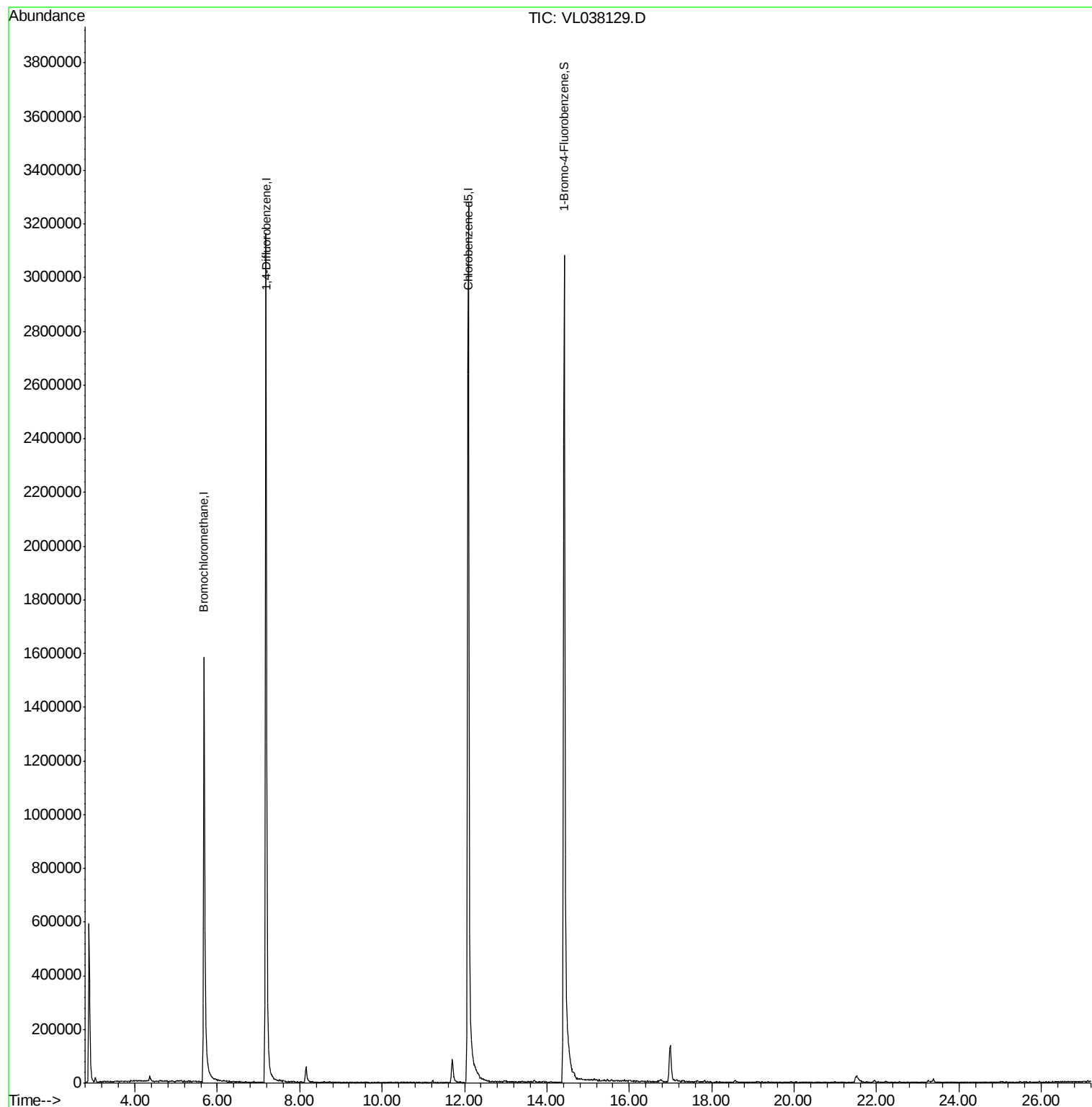
Target Compounds	Ovalue
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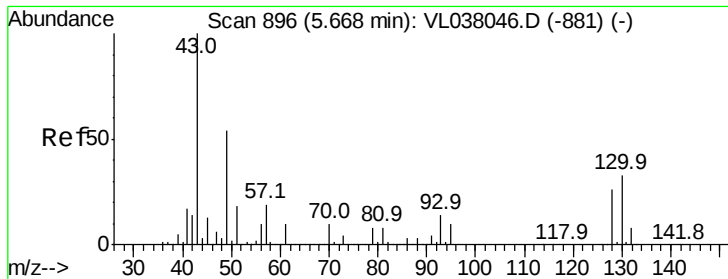
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VL1129ABL01

Acq: 29 Nov 2021 10:57

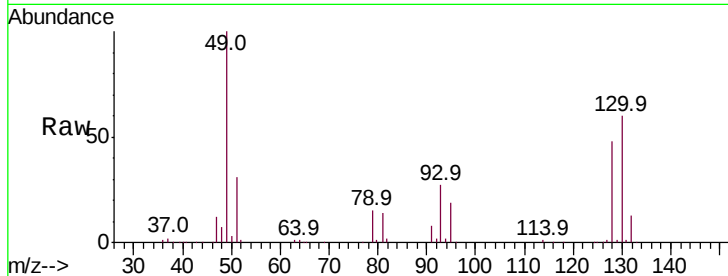
Tot Ion: 49 Resp: 1011047

Ion Ratio Lower Upper

49 100

128 48.8 26.5 79.5

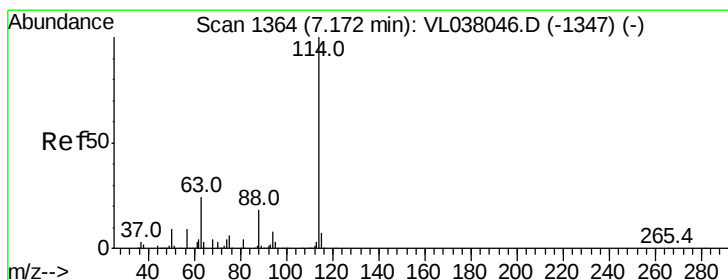
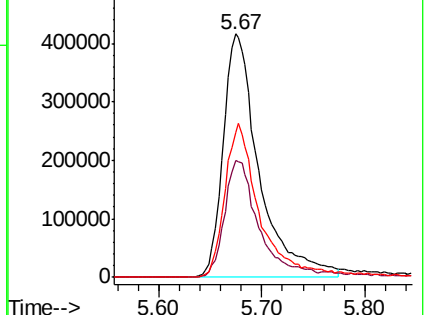
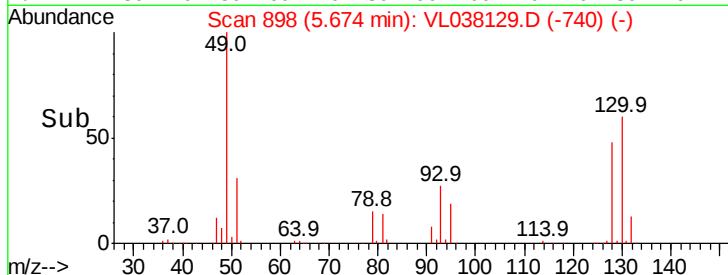
130 62.7 32.5 97.4



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038129.D

Acq: 29 Nov 2021 10:57

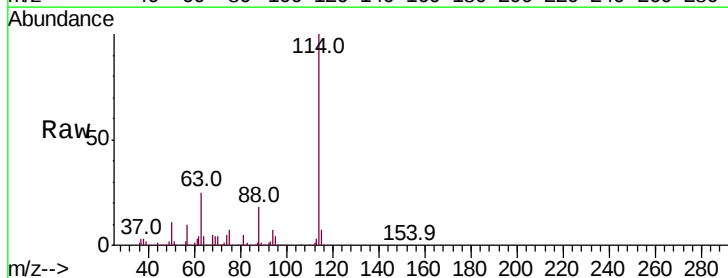
Tgt Ion:114 Resp: 2807795

Ion Ratio Lower Upper

114 100

63 26.4 19.7 29.5

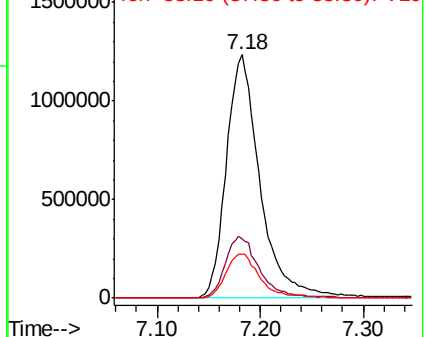
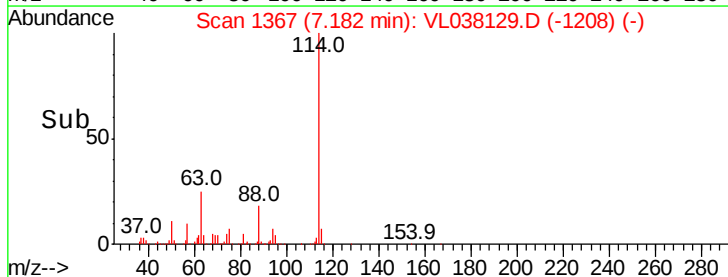
88 18.9 14.4 21.6

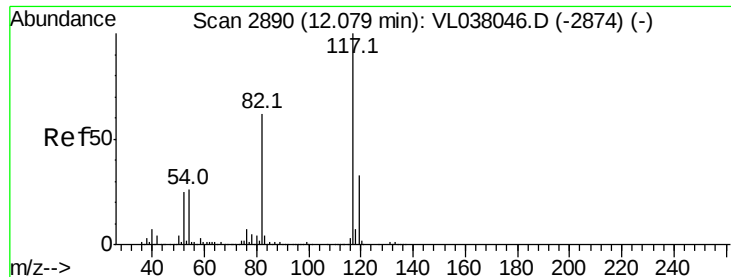


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

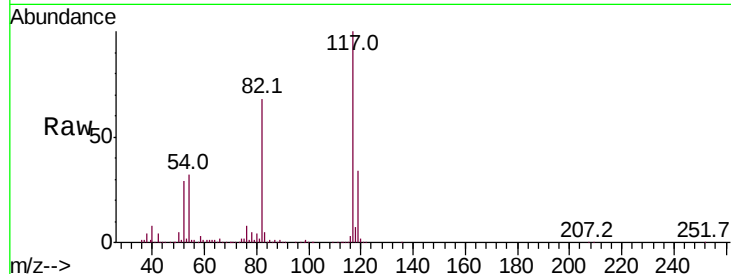




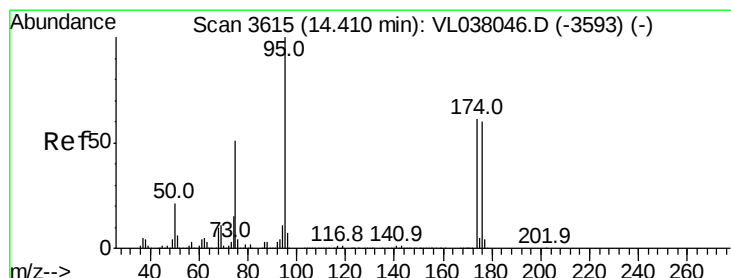
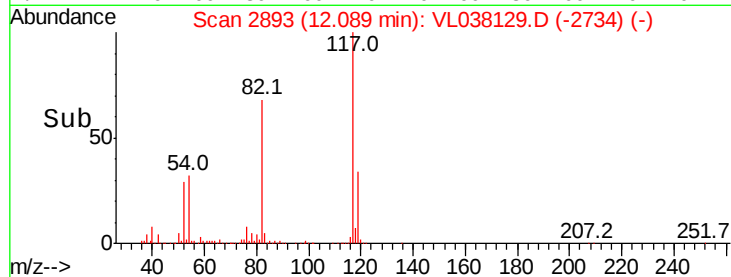
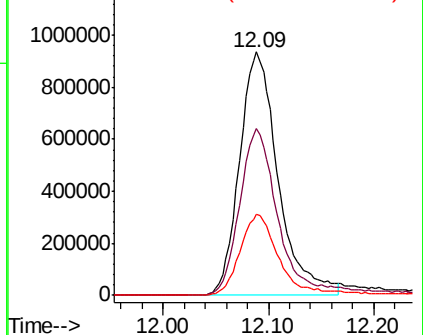
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1129ABL01
Client Sample ID: VL1129ABL01
Acq: 29 Nov 2021 10:57

Tot Ion: 117 Resp: 2390694

Ion	Ratio	Lower	Upper
117	100		
82	71.7	52.8	79.2
119	34.8	26.8	40.2



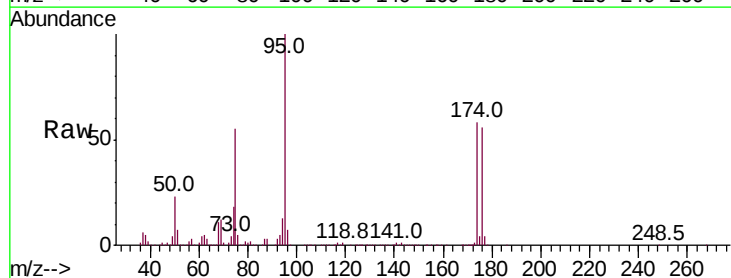
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 11.110 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038129.D
Acq: 29 Nov 2021 10:57

Tgt Ion: 95 Resp: 1915865

Ion	Ratio	Lower	Upper
95	100		
174	62.1	53.1	79.7
175	4.4	4.0	6.0



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

