

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038718.D
Acq On : 23 Mar 2022 16:31
Operator : SY/AP
Sample : QC032222 CAN 10598
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC032222 CAN 10598

Quant Time: Mar 24 05:23:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	891884	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2301654	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1892844	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1357740	9.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

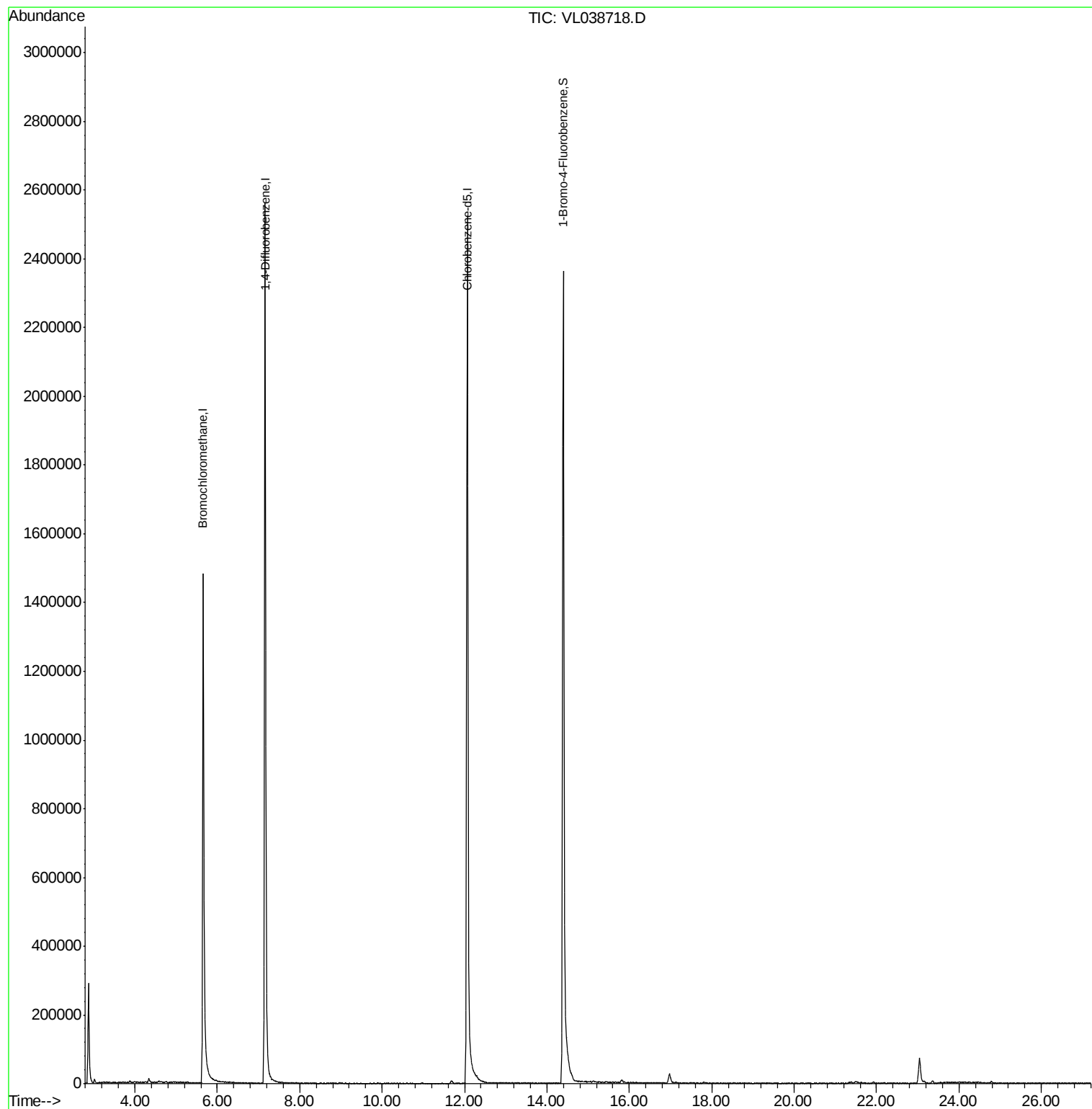
Target Compounds	Qvalue
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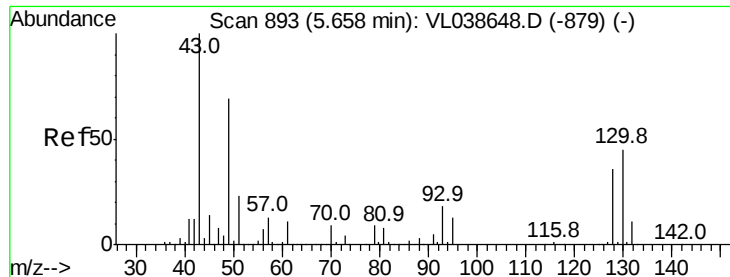
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OC032222 CAN 10598

Acq: 23 Mar 2022 16:31

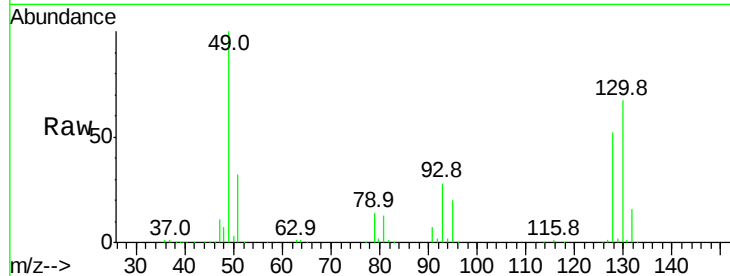
Tgt Ion: 49 Resp: 891884

Ion Ratio Lower Upper

49 100

128 54.9 26.2 78.6

130 69.9 33.7 101.1



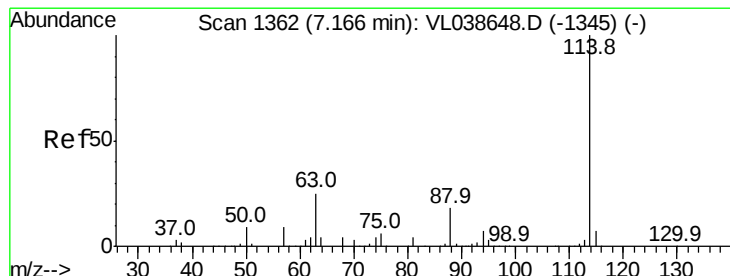
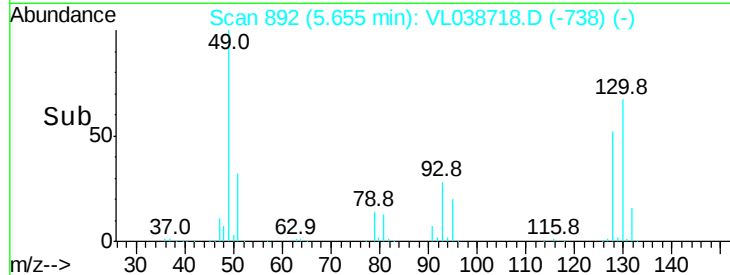
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VL038718.D

Acq: 23 Mar 2022 16:31

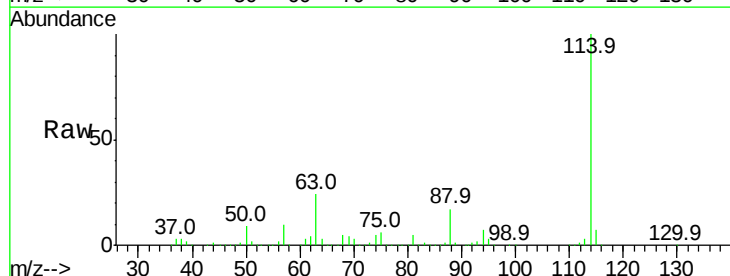
Tgt Ion: 114 Resp: 2301654

Ion Ratio Lower Upper

114 100

63 24.2 19.4 29.0

88 17.6 13.9 20.9



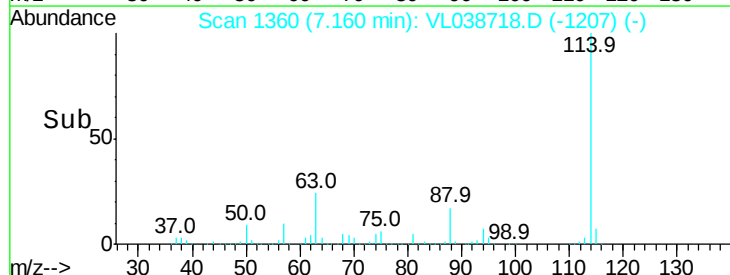
Abundance Ion 114.10 (113.80 to 114.80): VL0

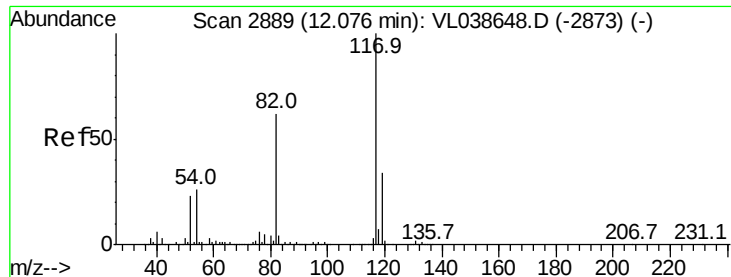
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.16

Time-->

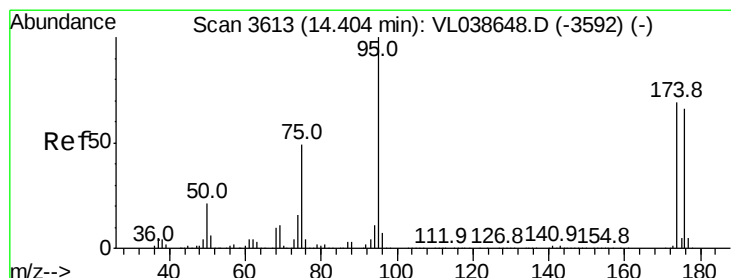
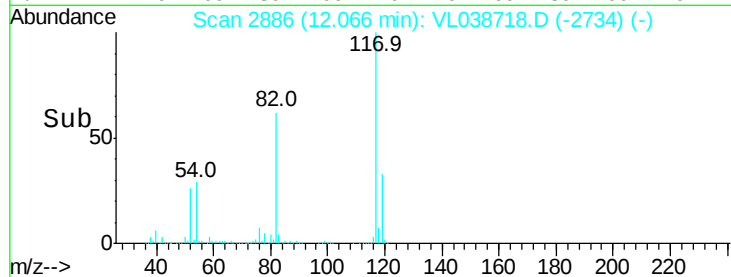
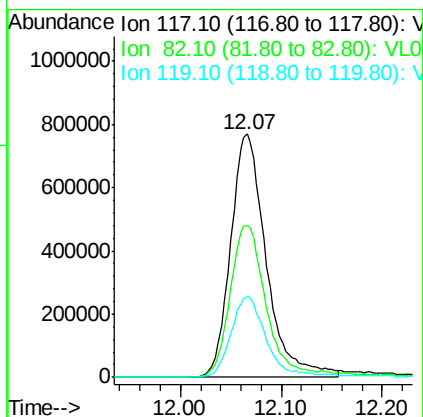
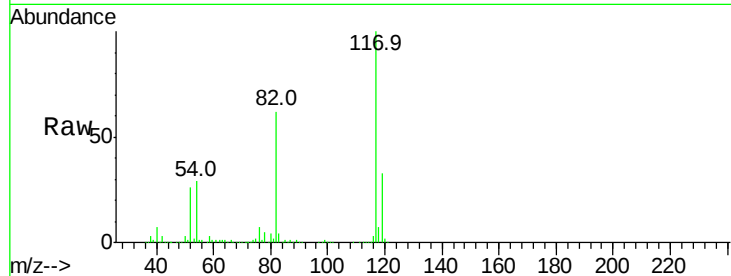




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 16:31
OC032222 CAN 10598

Tgt Ion: 117 Resp: 1892844

Ion	Ratio	Lower	Upper
117	100		
82	66.7	51.6	77.4
119	34.2	26.9	40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.36 ppbv
RT: 14.39 min Scan# 3610
Delta R.T.: -0.01 min
Lab File: VL038718.D
Acq: 23 Mar 2022 16:31

Tgt Ion: 95 Resp: 1357740

Ion	Ratio	Lower	Upper
95	100		
174	72.7	56.1	84.1
175	5.2	4.2	6.2

