

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
Data File : VL038185.D
Acq On : 16 Dec 2021 11:57
Operator : SY/AP
Sample : VL1216ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABL01

Quant Time: Dec 17 05:22:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.66	49	1087734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2899345	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2410435	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1900340	10.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.30%

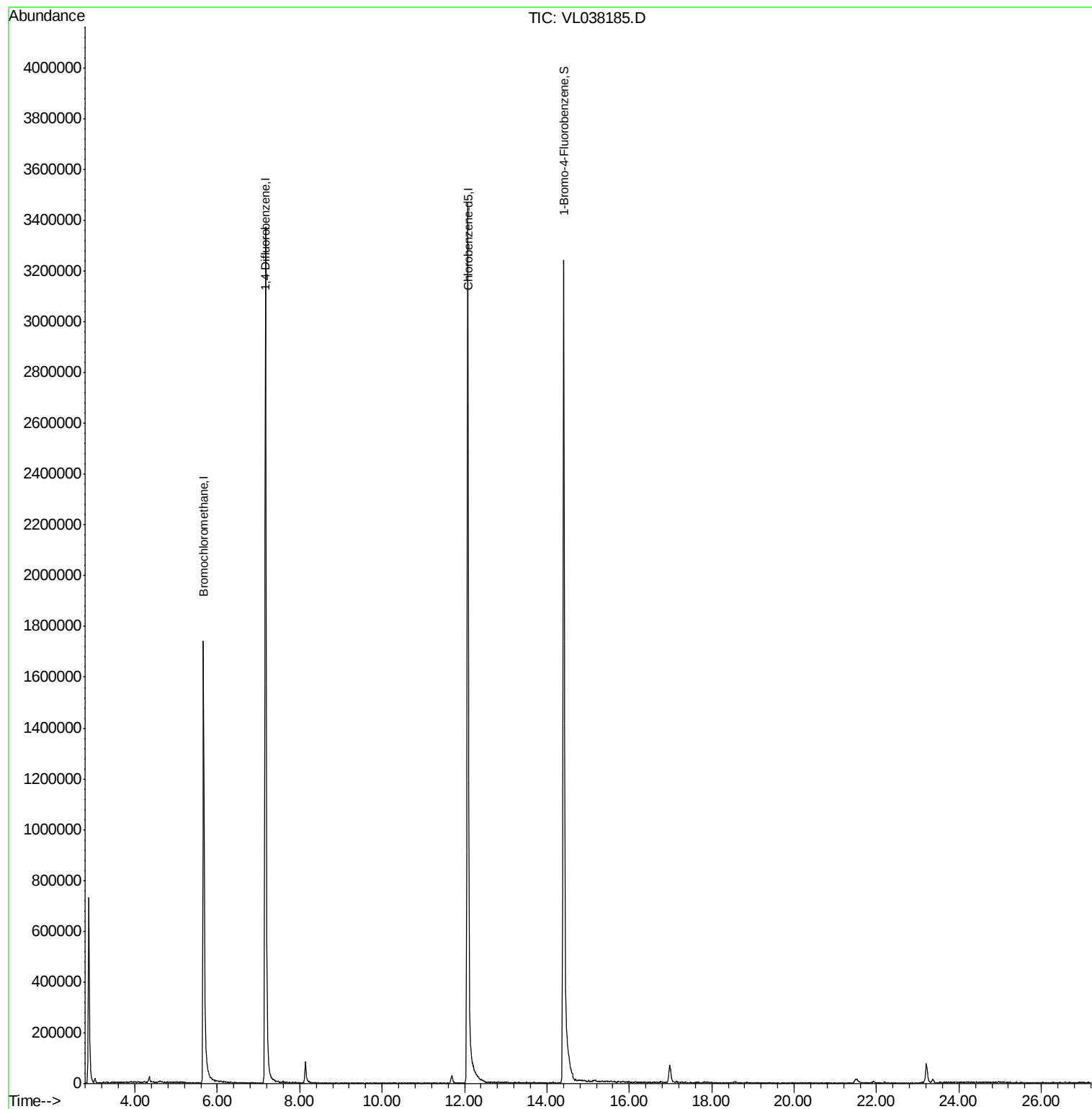
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

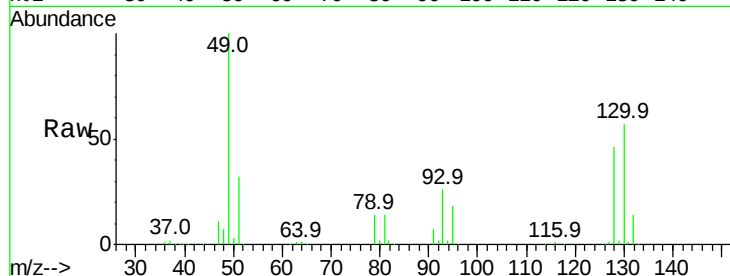
Delta R.T. ClientSampleId:

Lab File: VL1216ABL01

Acq: 16 Dec 2021 11:57

Tot Ion: 49 Resp: 1087734

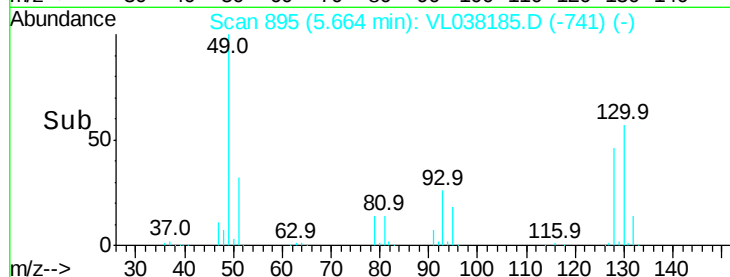
Ion	Ratio	Lower	Upper
49	100		
128	47.8	26.5	79.5
130	61.2	32.5	97.4



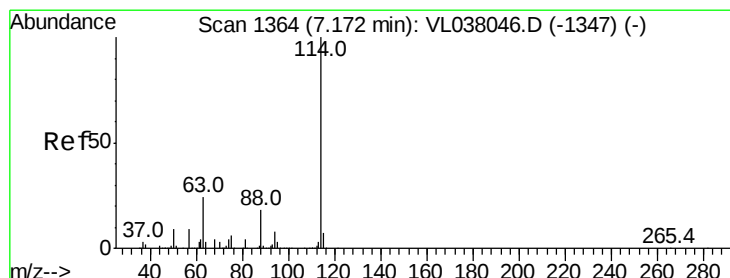
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

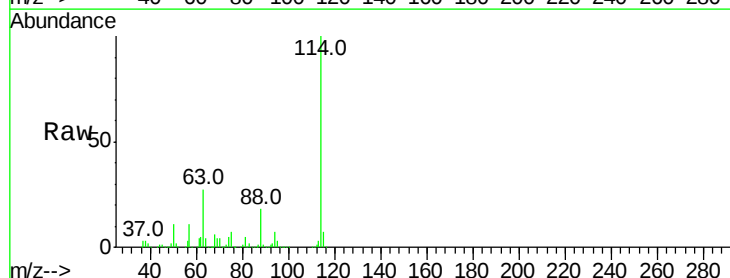
Delta R.T. -0.00 min

Lab File: VL038185.D

Acq: 16 Dec 2021 11:57

Tgt Ion:114 Resp: 2899345

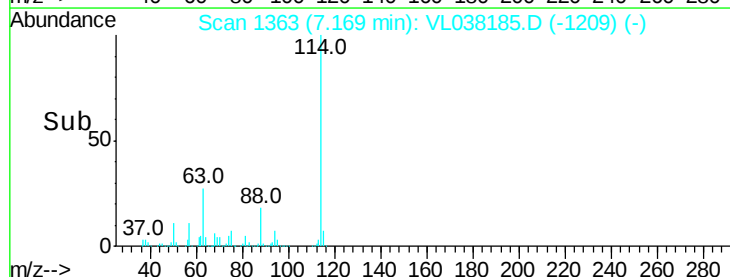
Ion	Ratio	Lower	Upper
114	100		
63	26.9	19.7	29.5
88	18.8	14.4	21.6



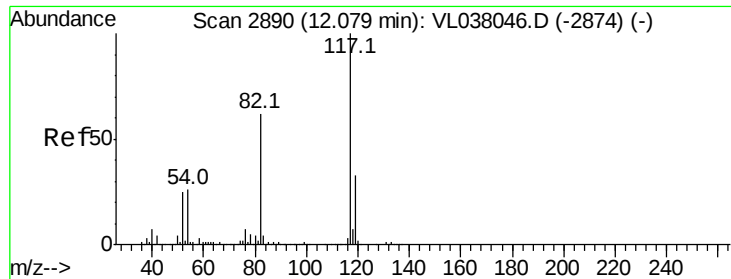
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



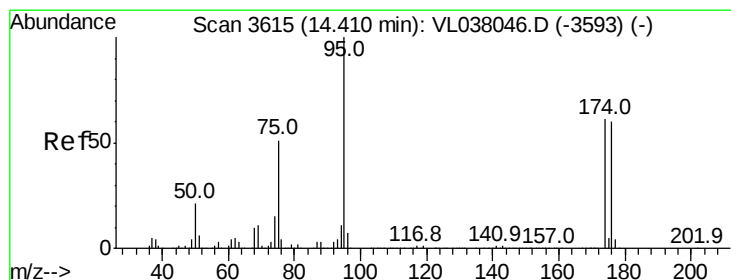
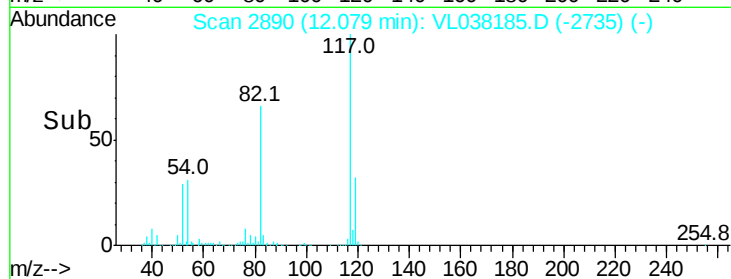
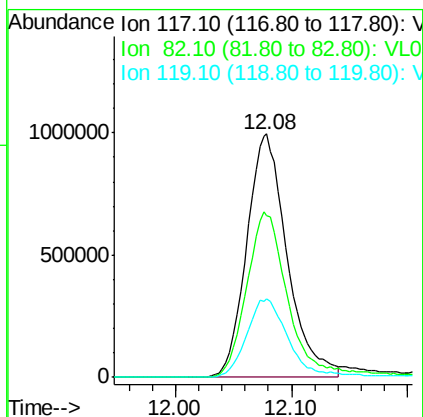
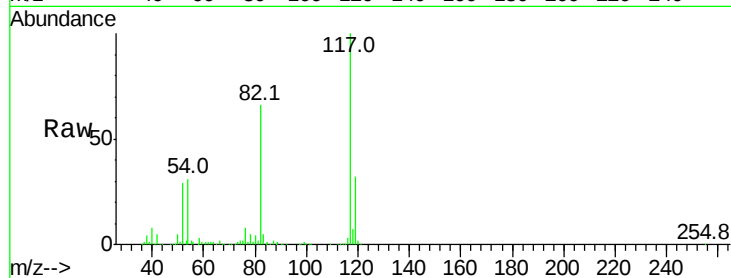
Time-->



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1216ABL01
Acq: 16 Dec 2021 11:57

Tot Ion:117 Resp: 2410435

Ion	Ratio	Lower	Upper
117	100		
82	72.8	52.8	79.2
119	34.3	26.8	40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.930 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.00 min
Lab File: VL038185.D
Acq: 16 Dec 2021 11:57

Tgt Ion: 95 Resp: 1900340

Ion	Ratio	Lower	Upper
95	100		
174	62.4	53.1	79.7
175	4.5	4.0	6.0

