

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039205.D
Acq On : 7 Jun 2022 12:02
Operator : SY/AP
Sample : VL0607ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0607ABL01

Quant Time: Jun 08 05:12:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1057281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3075818	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2704678	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2050311	9.17	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.70%

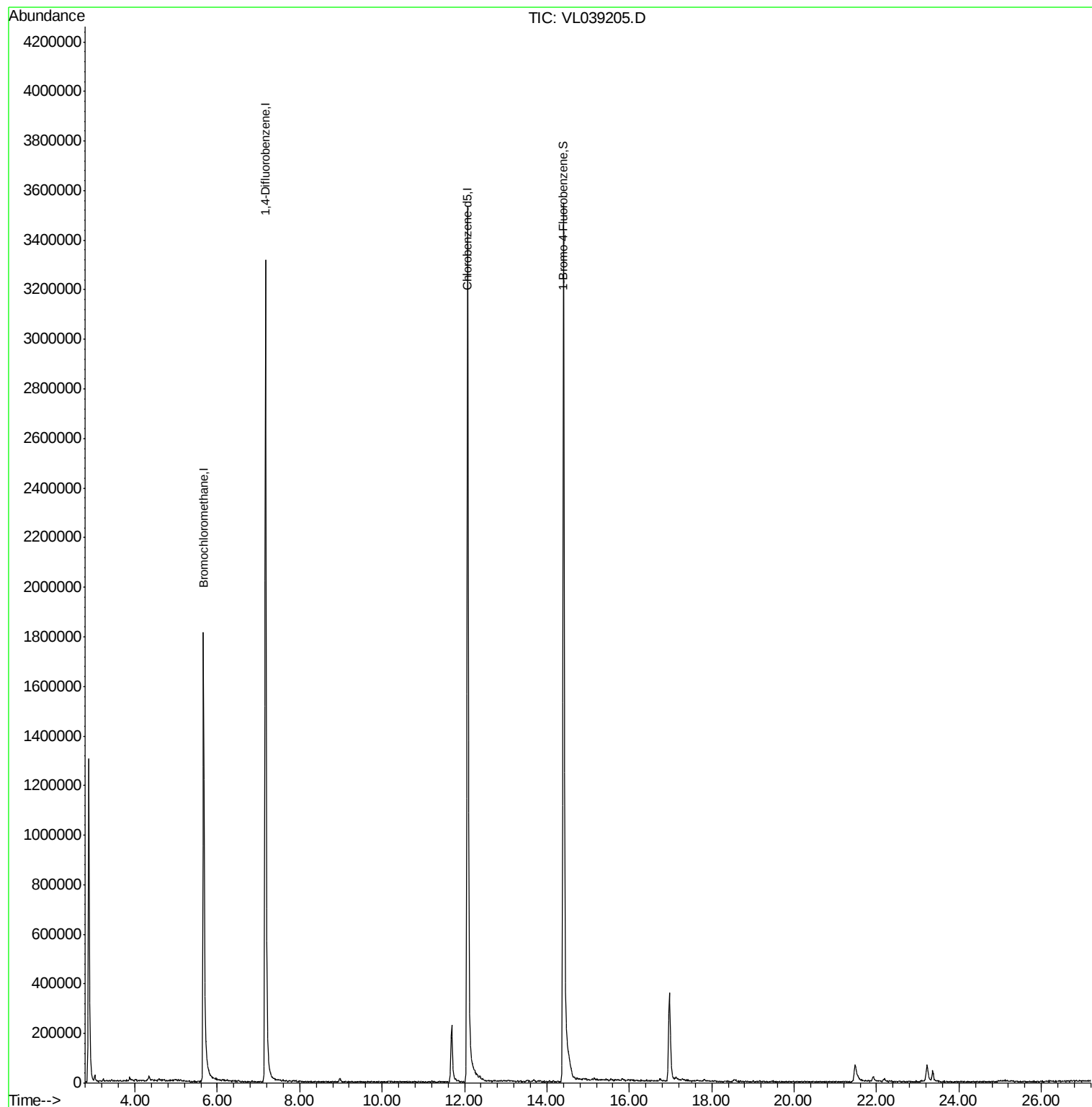
Target Compounds	Ovalue
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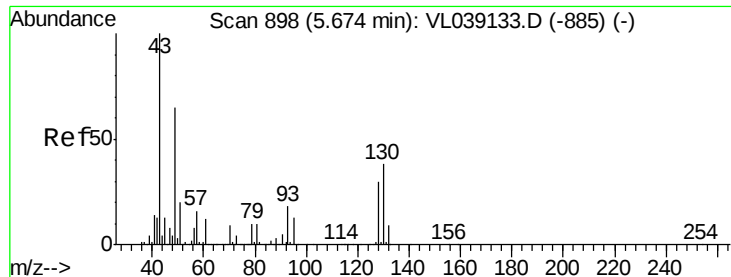
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060722\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

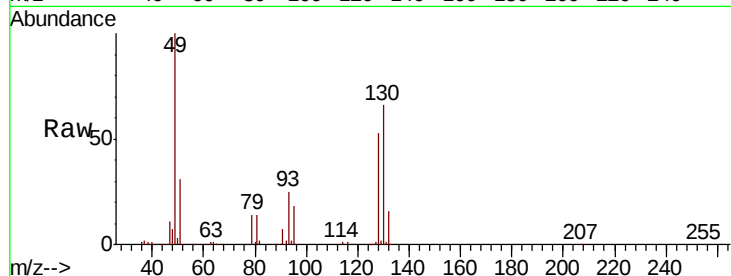
Delta R.T. ClientSampleId:

Lab File: VL0607ABL01

Acq: 7 Jun 2022 12:02

Tot Ion: 49 Resp: 1057281

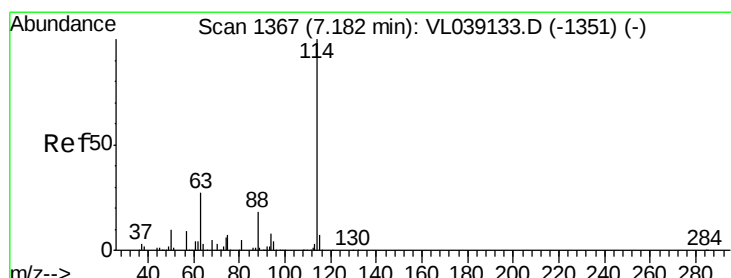
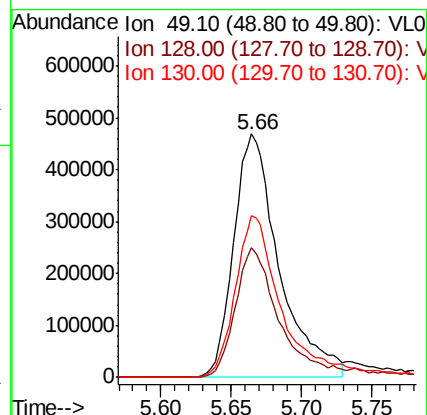
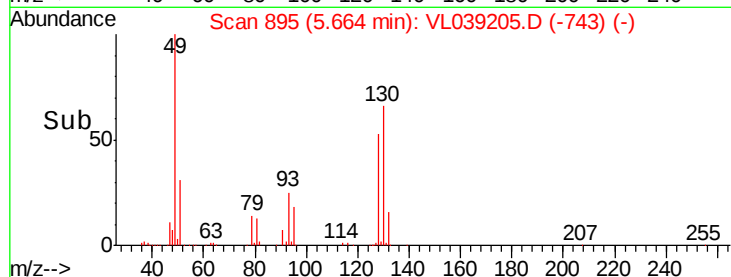
Ion	Ratio	Lower	Upper
49	100		
128	54.5	24.7	74.1
130	71.2	31.4	94.0



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

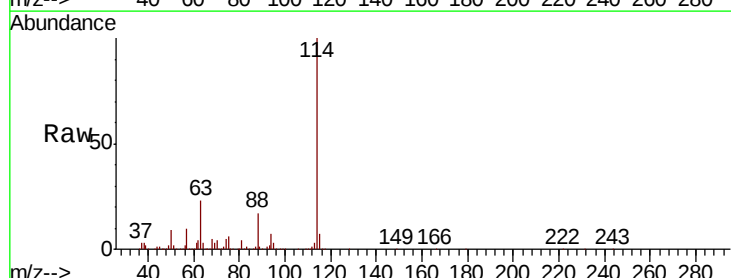
Delta R.T. -0.01 min

Lab File: VL039205.D

Acq: 7 Jun 2022 12:02

Tgt Ion:114 Resp: 3075818

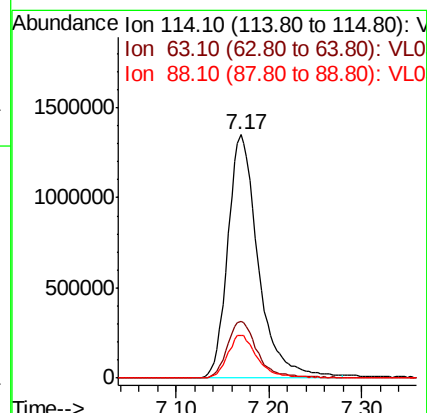
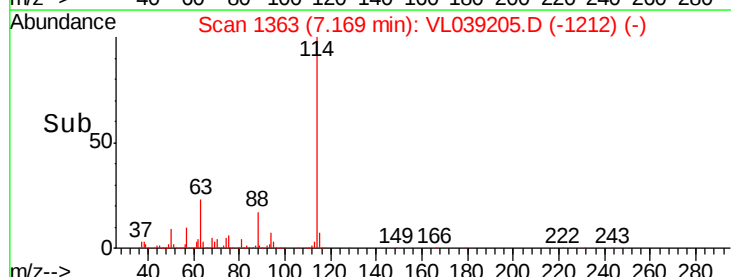
Ion	Ratio	Lower	Upper
114	100		
63	23.7	21.7	32.5
88	17.5	14.8	22.2

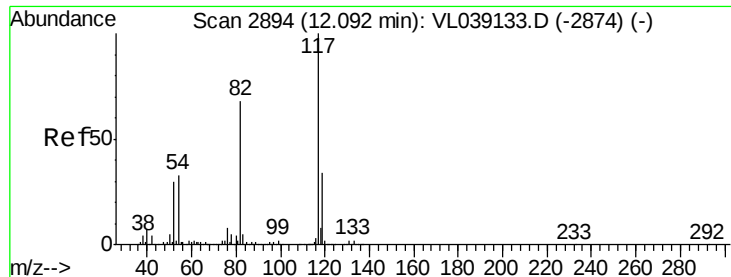


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

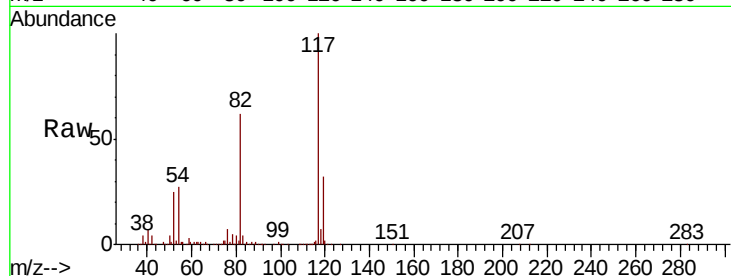




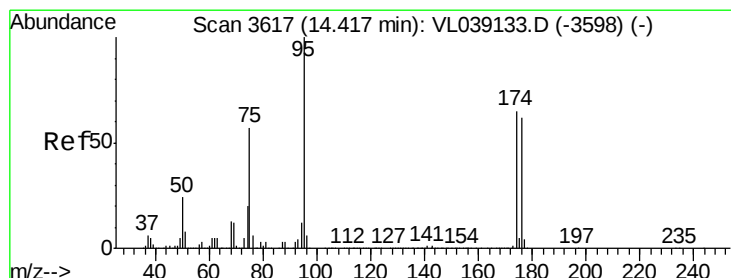
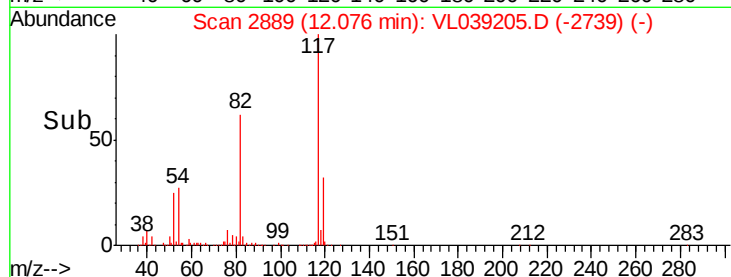
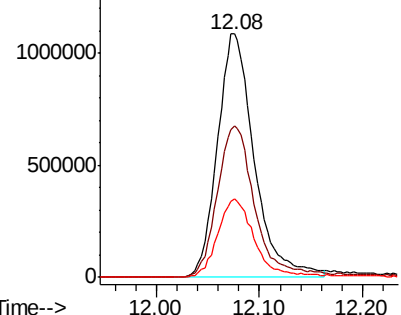
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0607ABL01
Acq: 7 Jun 2022 12:02

Tot Ion: 117 Resp: 2704678

Ion	Ratio	Lower	Upper
117	100		
82	65.6	55.1	82.7
119	33.5	24.7	37.1



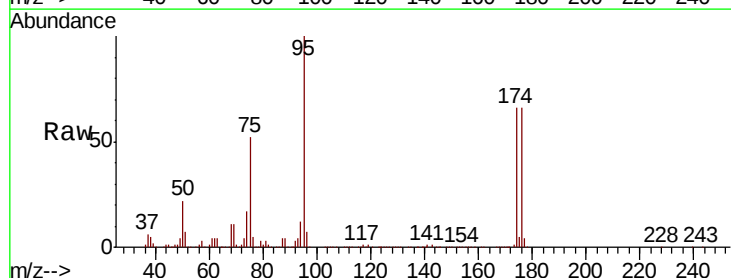
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.169 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: -0.01 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

Tgt Ion: 95 Resp: 2050311

Ion	Ratio	Lower	Upper
95	100		
174	71.1	53.8	80.8
175	5.0	4.1	6.1



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

