

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039207.D
Acq On : 7 Jun 2022 13:34
Operator : SY/AP
Sample : QC060622 CAN 10598
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC060622 CAN 10598

Quant Time: Jun 08 05:21:27 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	1073614	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2913799	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2482063	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1935722	9.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

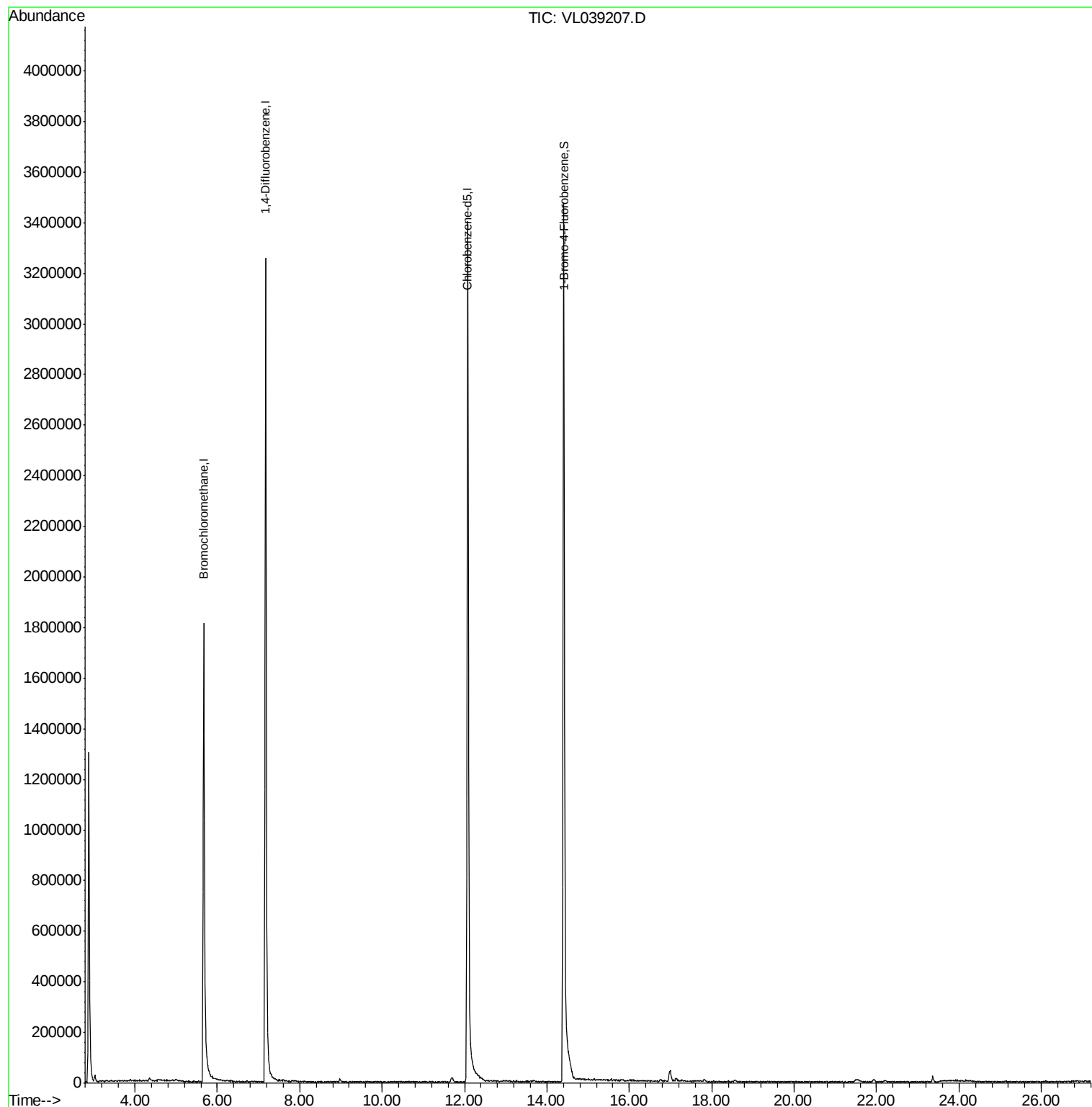
Target Compounds	Ovalue
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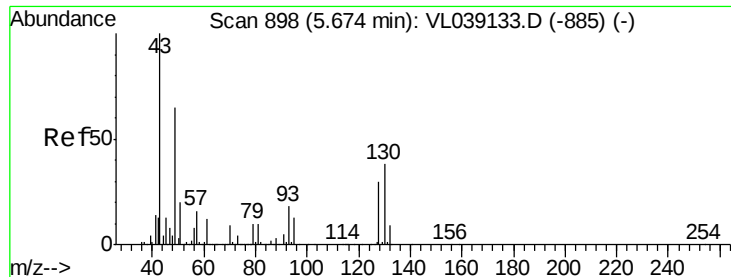
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 13:34 QC060622 CAN 10598

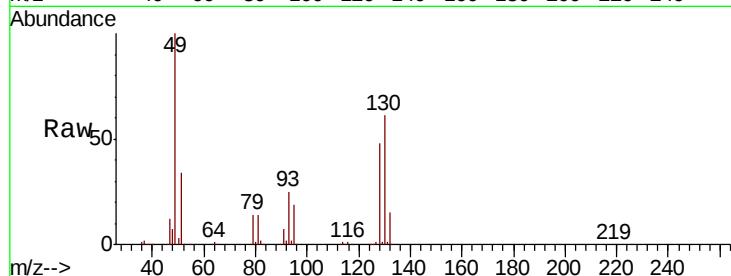
Tot Ion: 49 Resp: 1073614

Ion Ratio Lower Upper

49 100

128 52.9 24.7 74.1

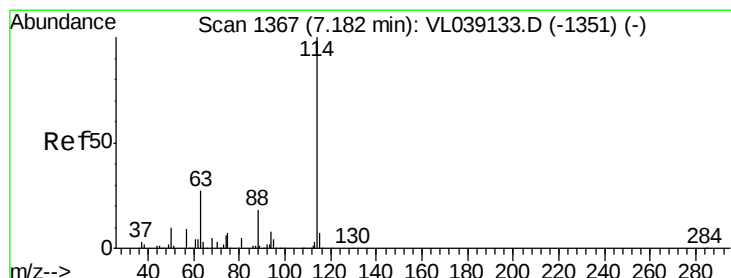
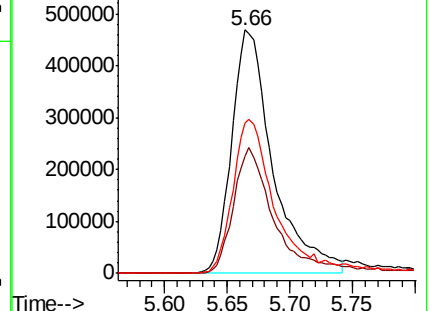
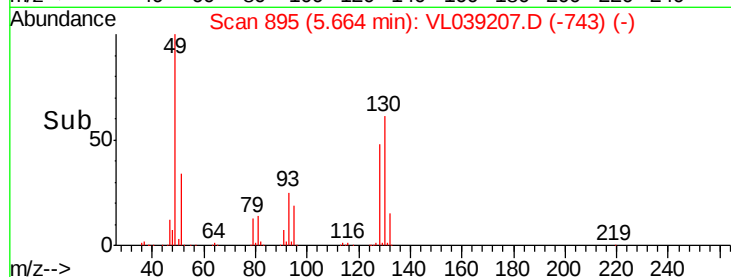
130 67.4 31.4 94.0



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# 1364

Delta R.T. -0.01 min

Lab File: VL039207.D

Acq: 7 Jun 2022 13:34

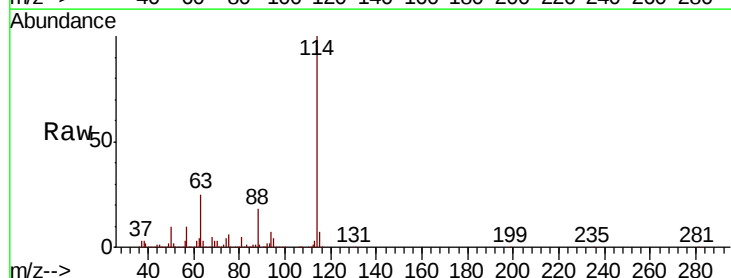
Tgt Ion: 114 Resp: 2913799

Ion Ratio Lower Upper

114 100

63 24.9 21.7 32.5

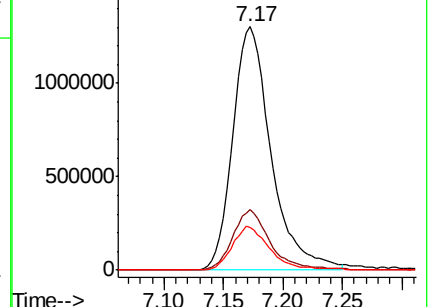
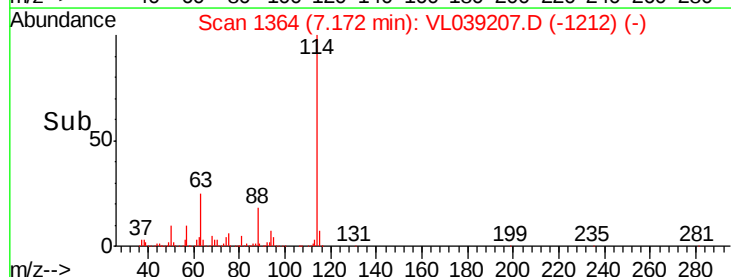
88 18.0 14.8 22.2

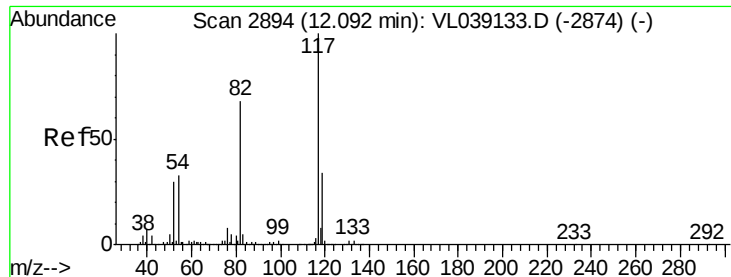


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

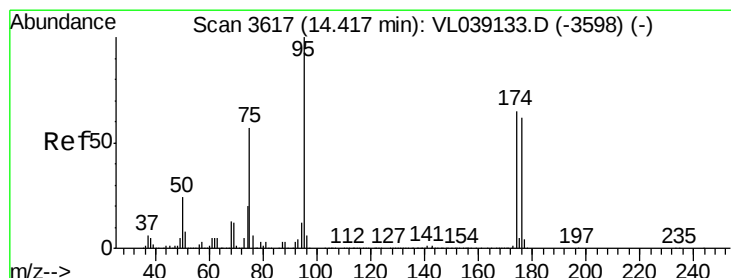
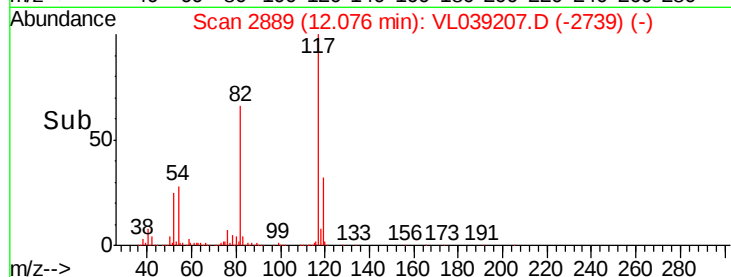
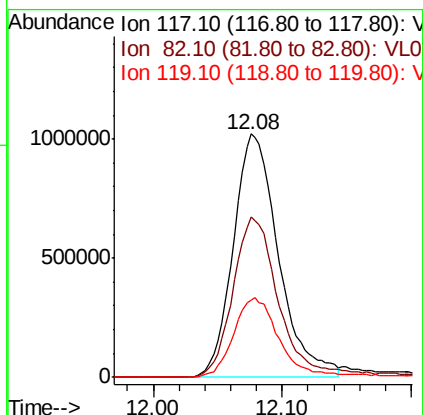
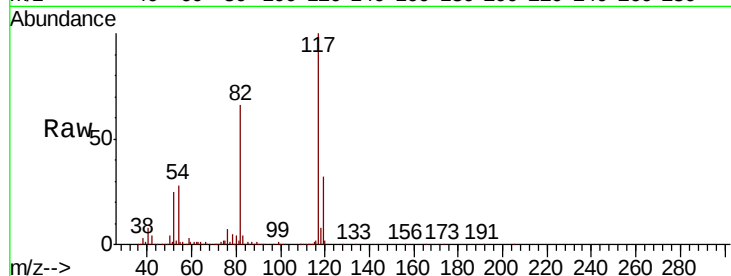




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 13:34
QC060622 CAN 10598

Tot Ion: 117 Resp: 2482063

Ion	Ratio	Lower	Upper
117	100		
82	69.4	55.1	82.7
119	34.3	24.7	37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.433 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: -0.01 min
Lab File: VL039207.D
Acq: 7 Jun 2022 13:34

Tgt Ion: 95 Resp: 1935722

Ion	Ratio	Lower	Upper
95	100		
174	71.5	53.8	80.8
175	4.9	4.1	6.1

