

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037172.D
Acq On : 16 Jun 2021 16:01
Operator : SY/AP
Sample : VL0616ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0616ABL01

Quant Time: Jun 26 00:11:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1451813	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4310115	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3761208	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2869578	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

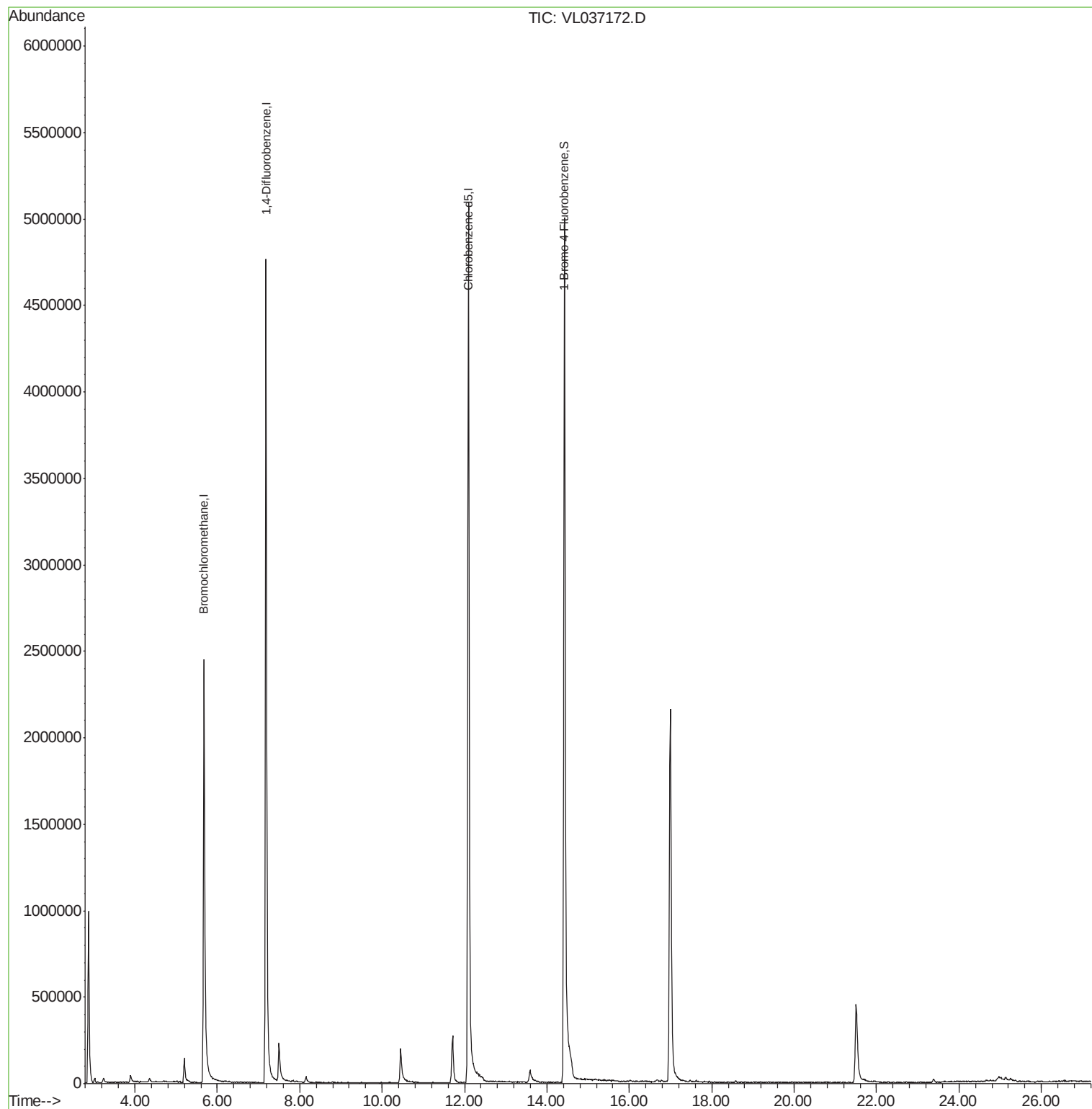
Target Compounds	Ovalue
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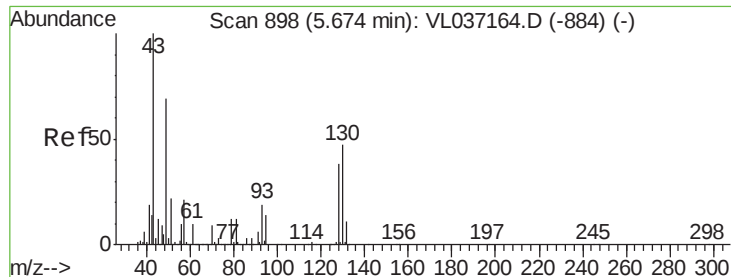
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

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Instrument :

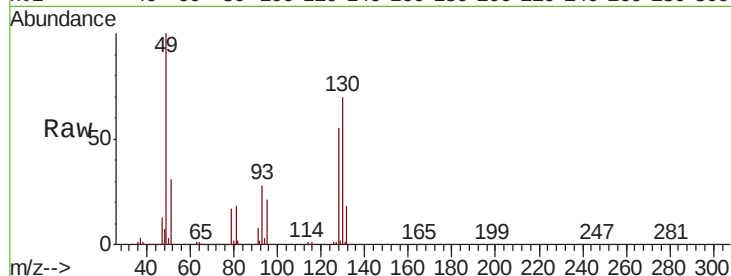
MSVOA_L

ClientSampleId :

VL0616ABL01

Tot Ion: 49 Resp: 1451813

Ion	Ratio	Lower	Upper
49	100		
128	57.8	29.3	88.0
130	73.5	35.9	107.8

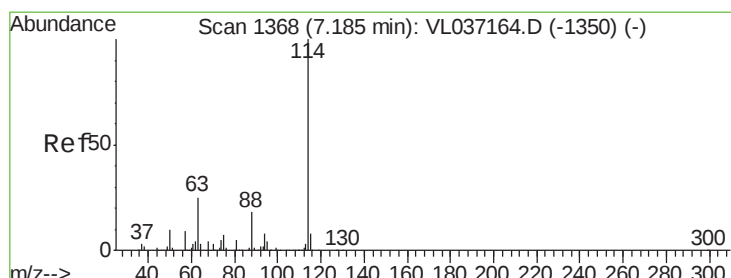
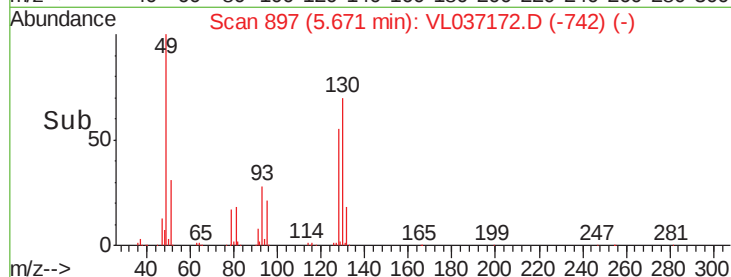
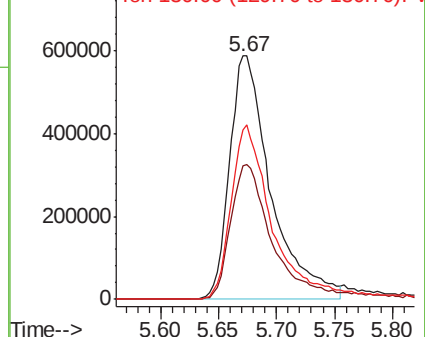


Abundance

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: 7.18 min Scan# 1367

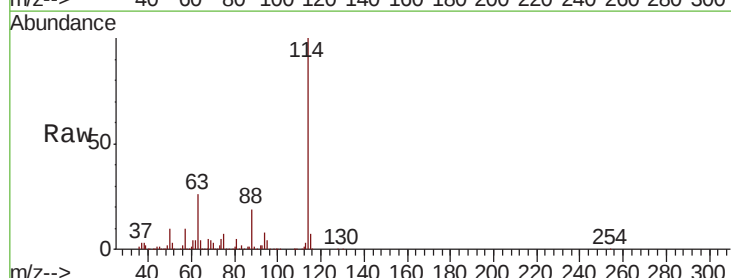
Delta R.T. -0.00 min

Lab File: VL037172.D

Acq: 16 Jun 2021 16:01

Tgt Ion: 114 Resp: 4310115

Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.6	29.4
88	18.1	14.2	21.2

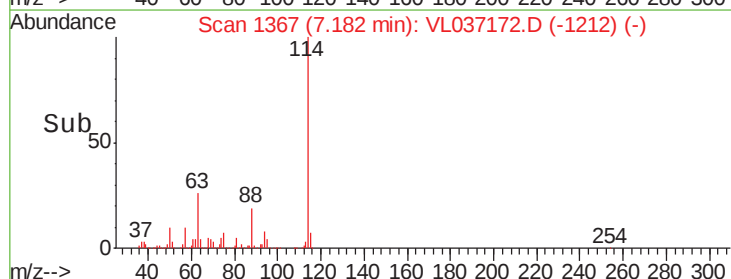
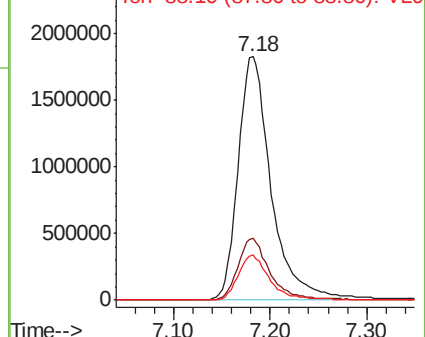


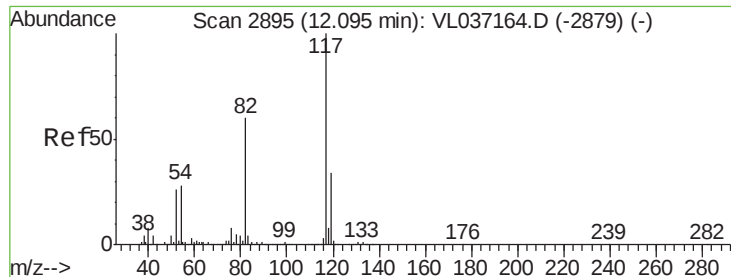
Abundance

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

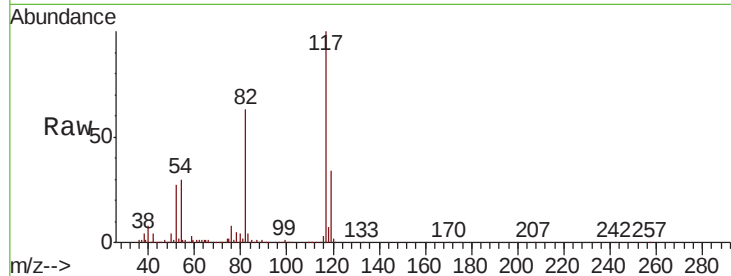




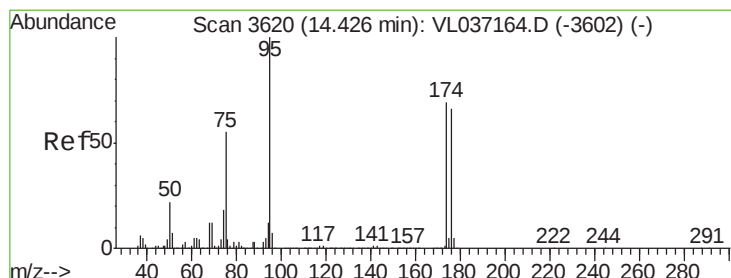
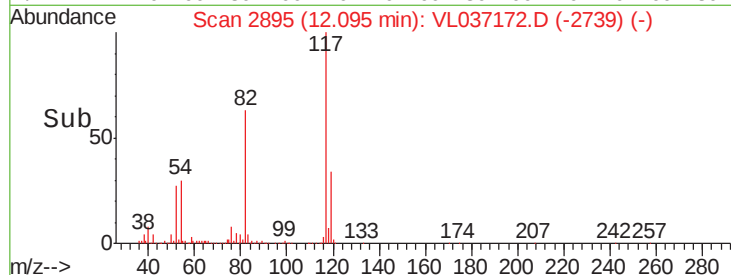
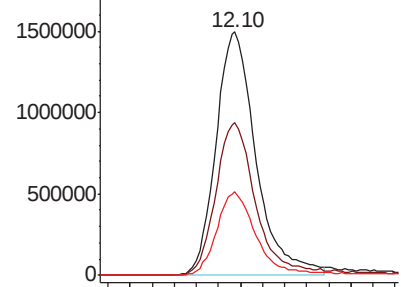
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL037172.D
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Tot Ion:117 Resp: 3761208
Ion Ratio Lower Upper
117 100
82 65.4 51.7 77.5
119 35.0 47.6 71.4#

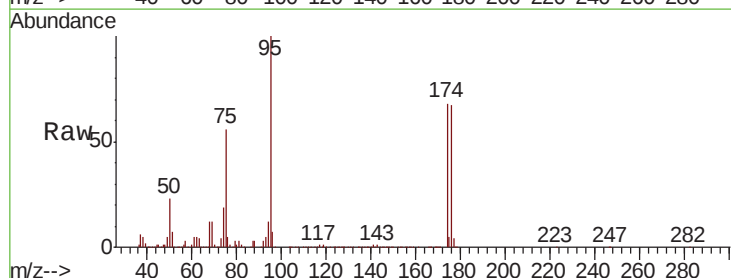


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.068 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL037172.D
Acq: 16 Jun 2021 16:01

Tgt Ion: 95 Resp: 2869578
Ion Ratio Lower Upper
95 100
174 73.6 57.0 85.4
175 5.6 4.4 6.6



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

