

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
Data File : VL037665.D
Acq On : 23 Sep 2021 16:39
Operator : SY/AP
Sample : CAN 10605
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10605

Quant Time: Sep 24 09:52:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1447113	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	4272899	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3635900	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2544899	9.68	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

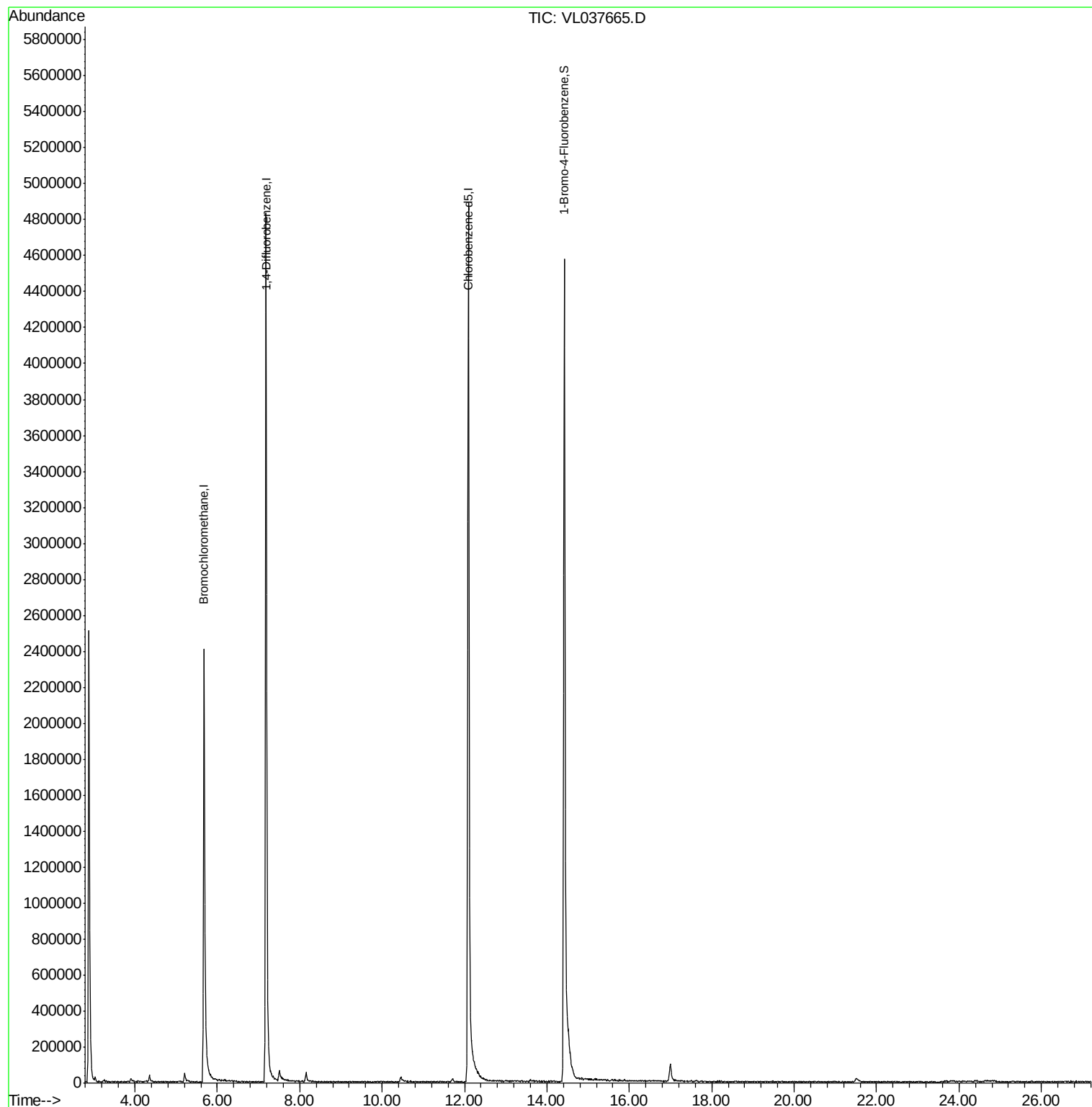
Target Compounds	Qvalue
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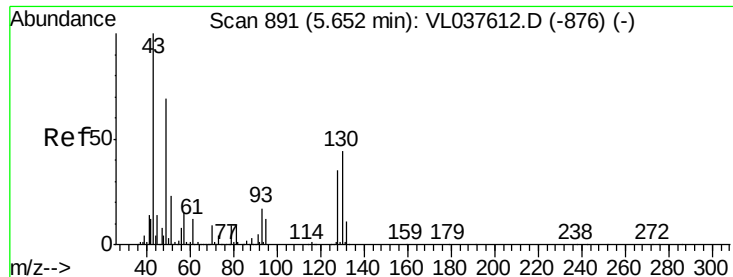
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

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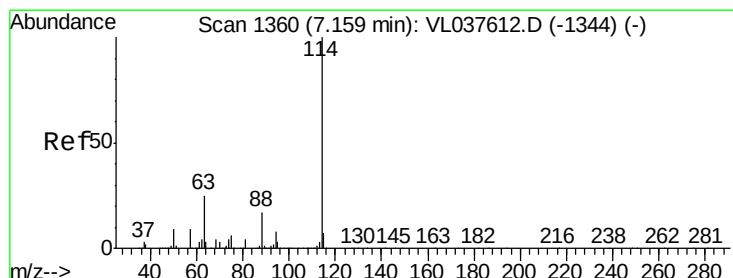
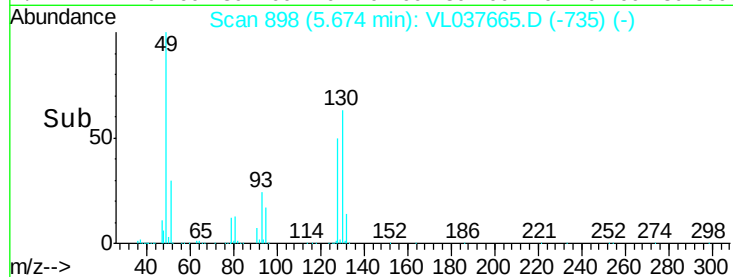
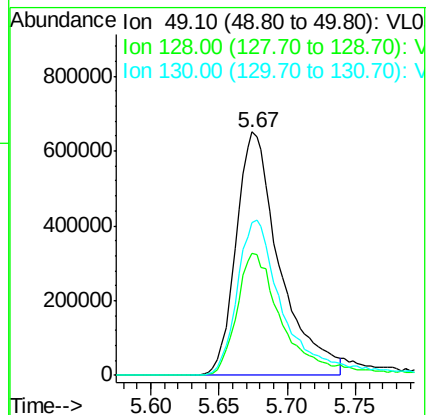
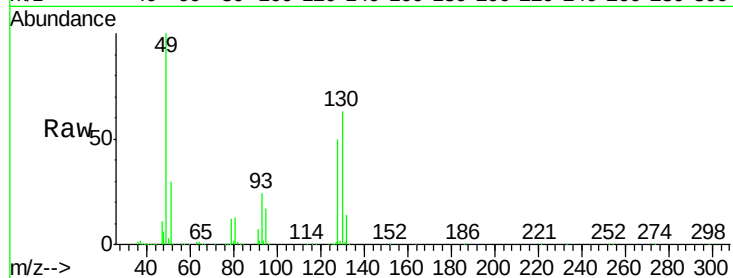
Tgt Ion: 49 Resp: 1447113

Ion Ratio Lower Upper

49 100

128 53.8 27.9 83.6

130 70.1 33.9 101.7



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VL037665.D

Acq: 23 Sep 2021 16:39

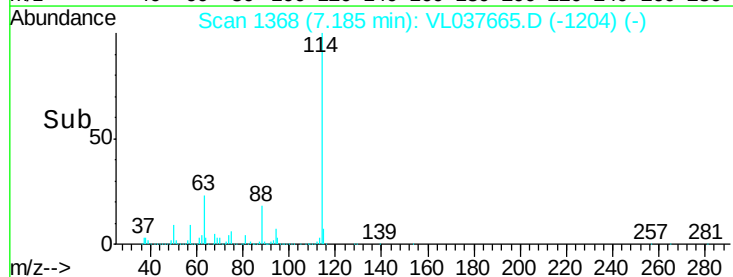
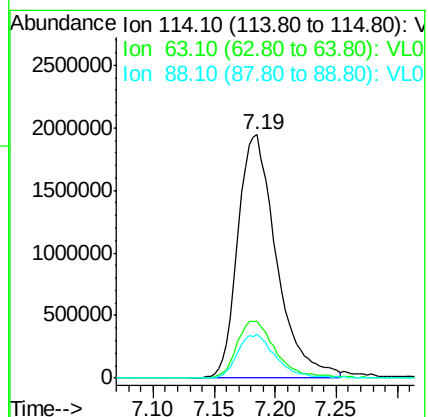
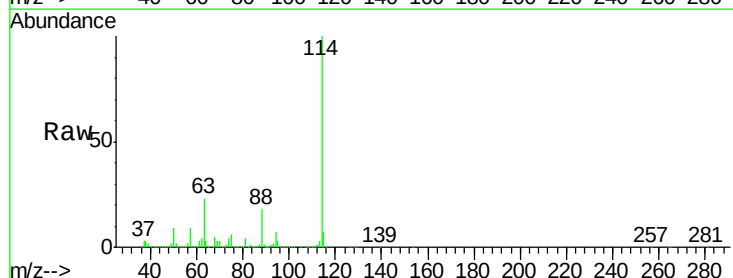
Tgt Ion: 114 Resp: 4272899

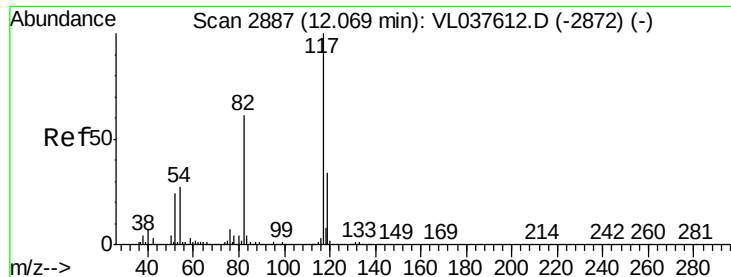
Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

88 18.2 14.2 21.4

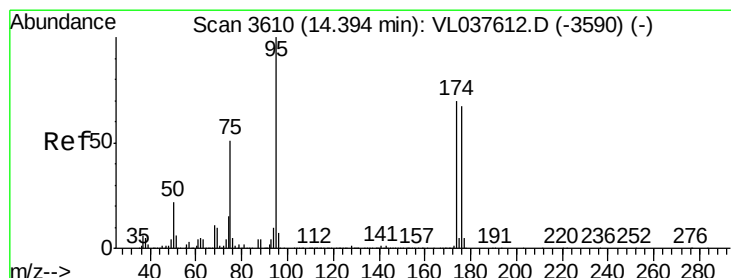
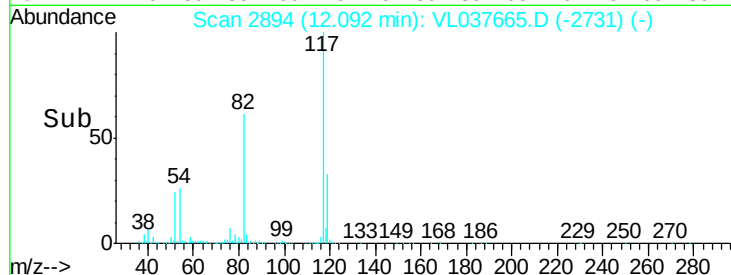
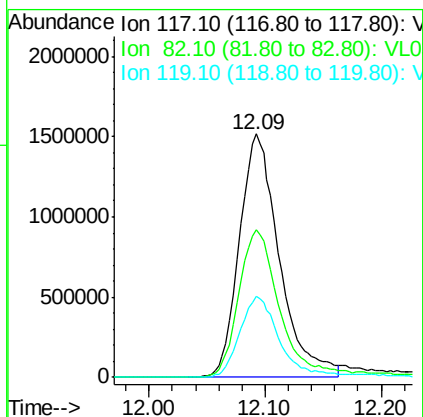
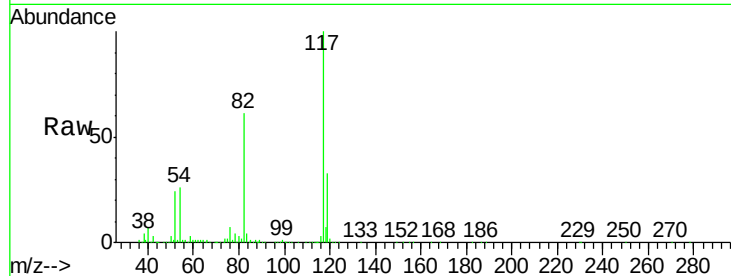




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.02 min
Lab File: VL037665.D
Acq: 23 Sep 2021 16:39

Instrument :
MSVOA_L
ClientSampleId :
CAN 10605

Tgt Ion: 117 Resp: 3635900
Ion Ratio Lower Upper
117 100
82 67.0 50.6 75.8
119 34.1 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.685 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.03 min
Lab File: VL037665.D
Acq: 23 Sep 2021 16:39

Tgt Ion: 95 Resp: 2544899
Ion Ratio Lower Upper
95 100
174 77.1 56.3 84.5
175 5.4 4.4 6.6

