

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037518.D
 Acq On : 3 Sep 2021 13:13
 Operator : SY/AP
 Sample : CAN 10053
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10053

Quant Time: Sep 04 04:21:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.661	49	1380165	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.166	114	4100098	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3429423	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2427573	9.964	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

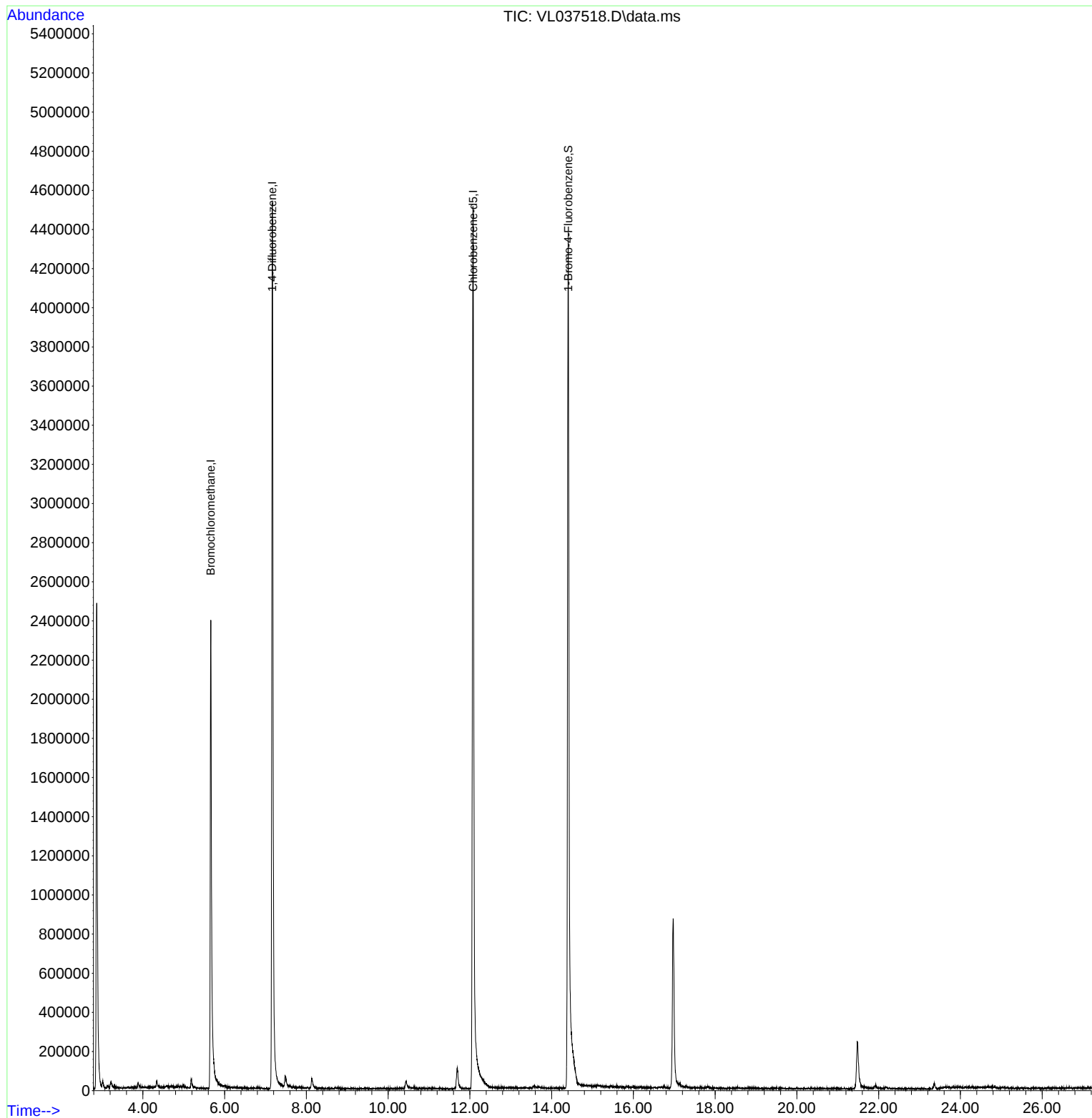
Target Compounds	Qvalue

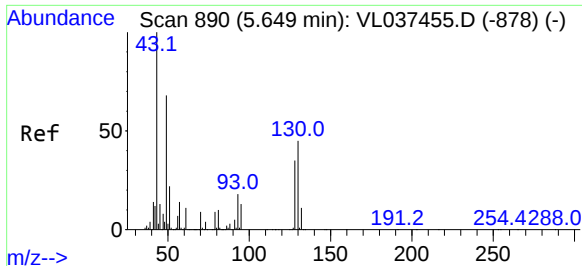
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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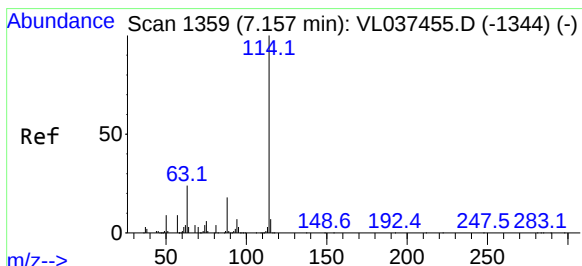
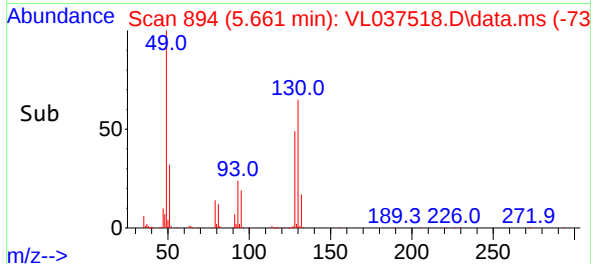
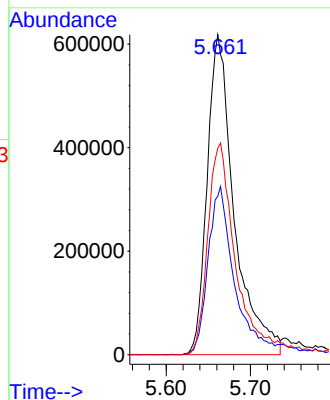
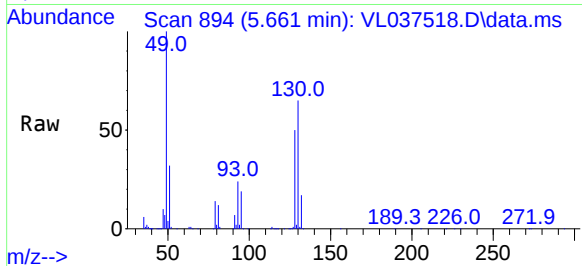




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.013 min
Lab File: VL037518.D
Acq: 3 Sep 2021 13:13

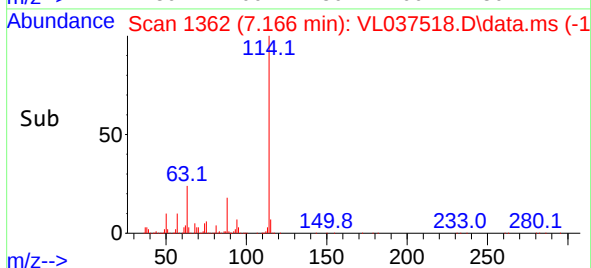
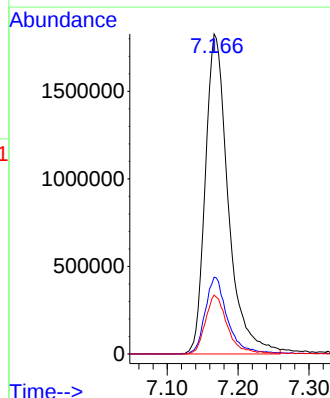
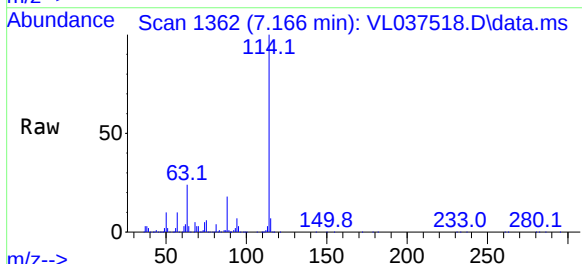
Instrument :
MSVOA_L
ClientSampleId :
CAN 10053

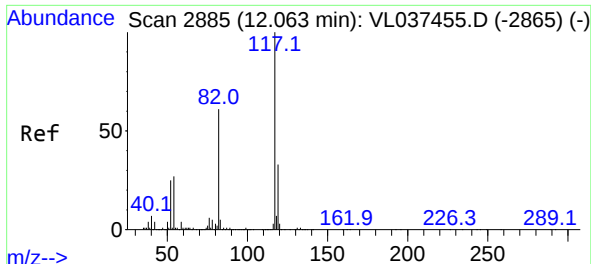
Tgt Ion: 49 Resp: 1380165
Ion Ratio Lower Upper
49 100
128 52.9 27.5 82.4
130 70.7 34.0 101.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL037518.D
Acq: 3 Sep 2021 13:13

Tgt Ion: 114 Resp: 4100098
Ion Ratio Lower Upper
114 100
63 23.7 19.3 28.9
88 17.8 14.2 21.4

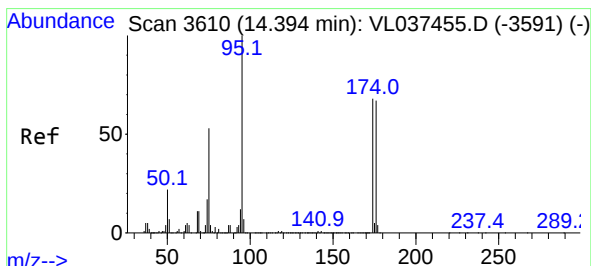
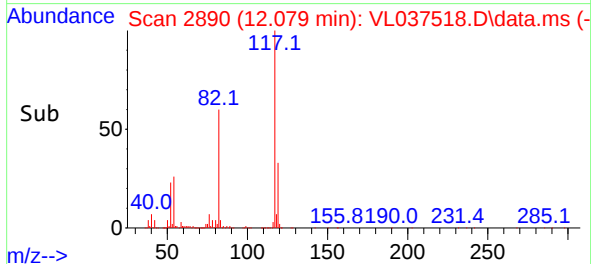
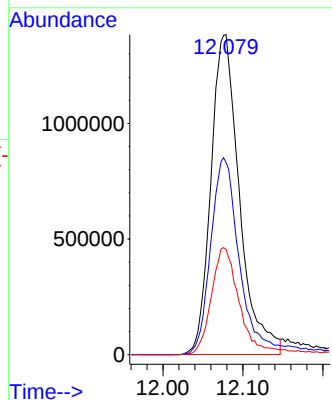
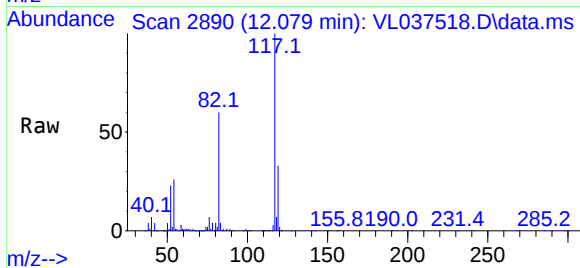




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. 0.016 min
Lab File: VL037518.D
Acq: 3 Sep 2021 13:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10053

Tgt Ion:117 Resp: 3429423
Ion Ratio Lower Upper
117 100
82 65.0 52.9 79.3
119 34.7 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.964 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. 0.013 min
Lab File: VL037518.D
Acq: 3 Sep 2021 13:13

Tgt Ion: 95 Resp: 2427573
Ion Ratio Lower Upper
95 100
174 75.9 59.6 89.4
175 5.7 4.6 7.0

