

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037532.D
 Acq On : 3 Sep 2021 22:00
 Operator : SY/AP
 Sample : CAN 10599
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10599

Quant Time: Sep 04 04:23:25 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	1599145	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.169	114	4735038	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.076	117	4135648	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	3065141	10.432	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

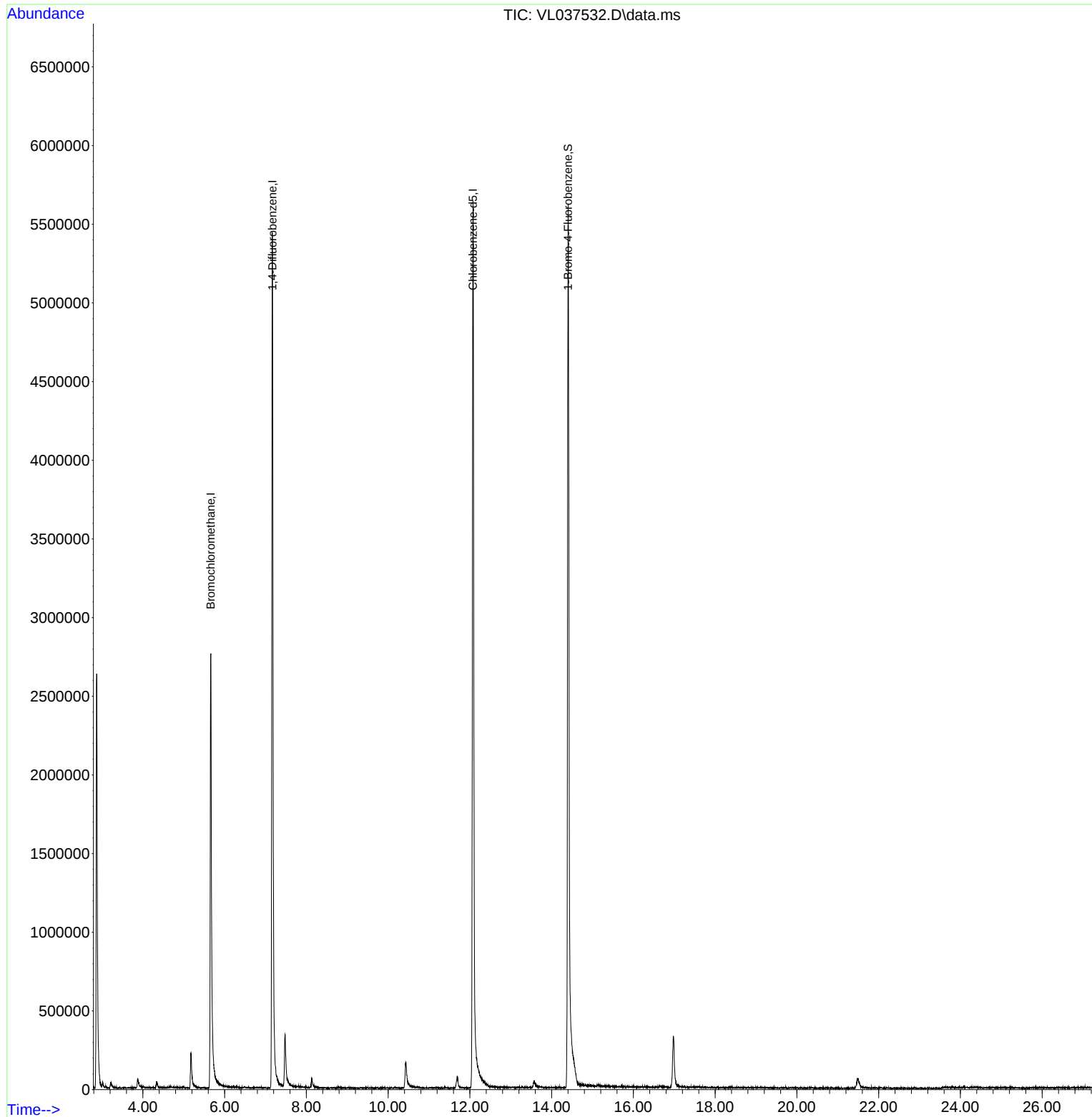
Target Compounds	Qvalue

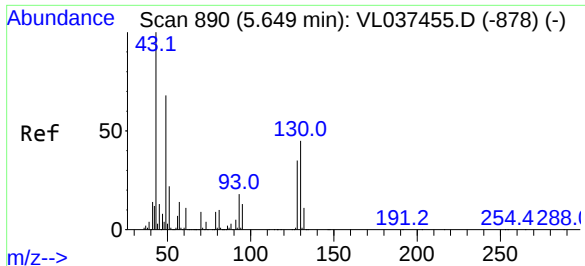
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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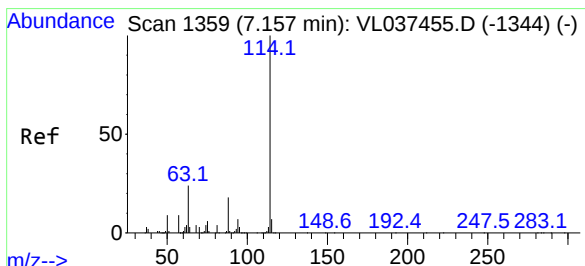
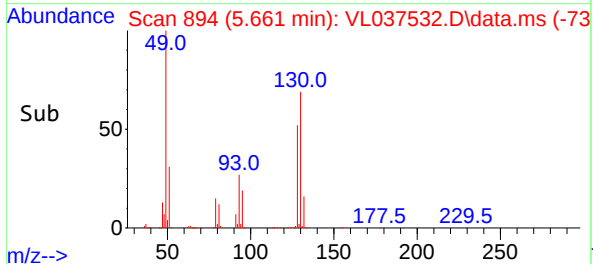
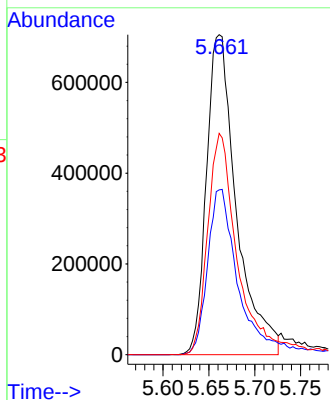
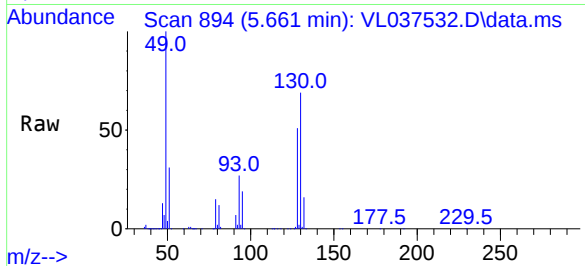


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.013 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10599

Tgt Ion: 49 Resp: 1599145

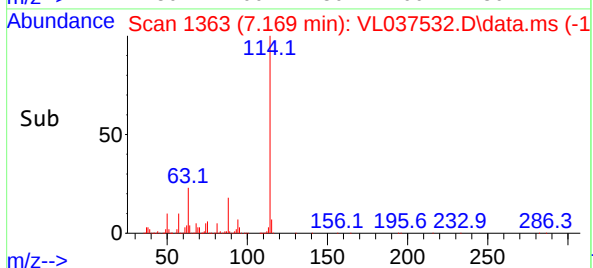
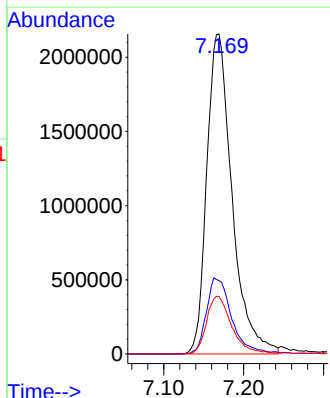
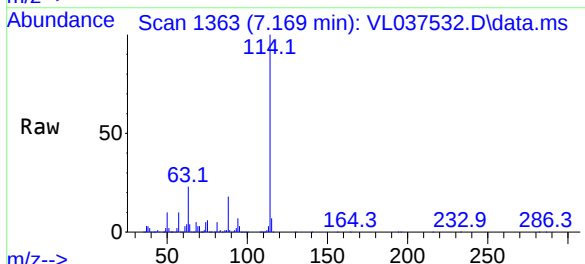
Ion	Ratio	Lower	Upper
49	100		
128	54.6	27.5	82.4
130	71.5	34.0	101.8

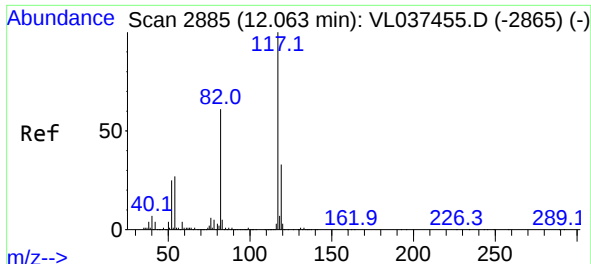


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Tgt Ion: 114 Resp: 4735038

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	18.3	14.2	21.4

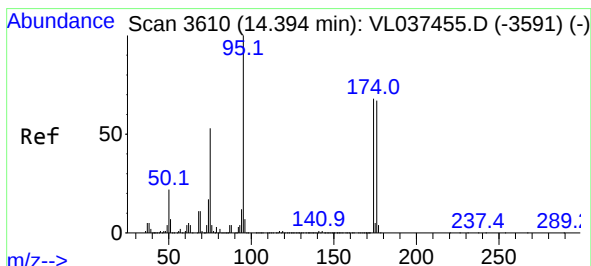
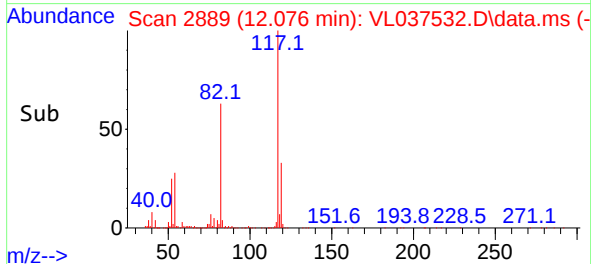
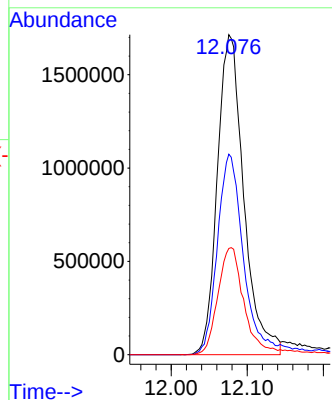
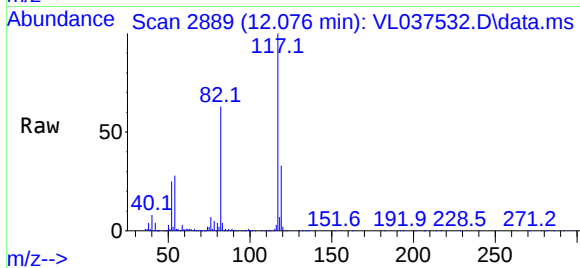




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. 0.013 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10599

Tgt Ion:117 Resp: 4135648
Ion Ratio Lower Upper
117 100
82 66.5 52.9 79.3
119 34.6 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.432 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. 0.009 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Tgt Ion: 95 Resp: 3065141
Ion Ratio Lower Upper
95 100
174 75.1 59.6 89.4
175 5.5 4.6 7.0

