

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037591.D
 Acq On : 9 Sep 2021 3:56
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 09 09:16:46 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	5.677	49	1550033	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	4517638	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.101	117	4025729	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.429	95	2739257	9.578	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%

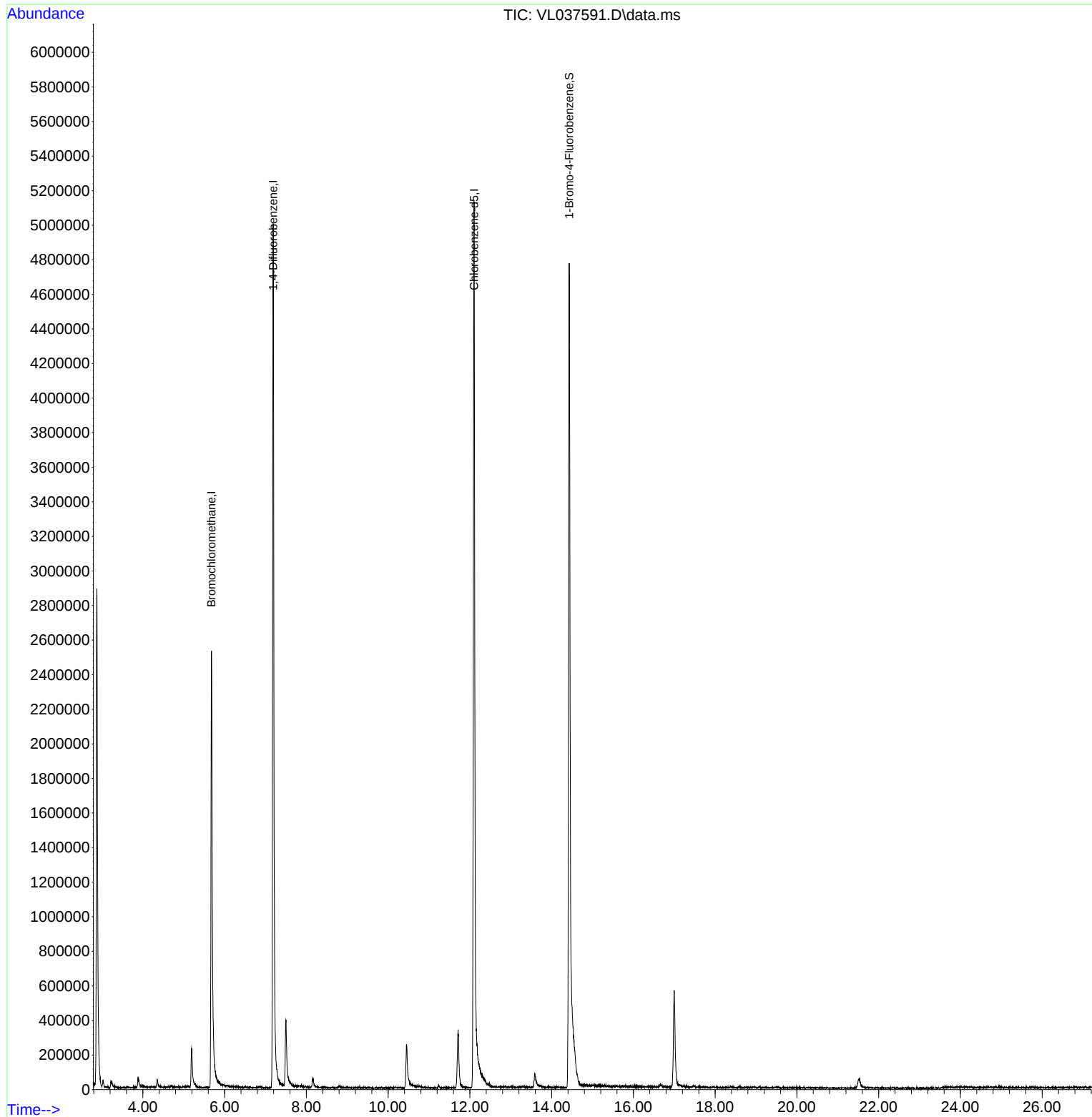
Target Compounds	Qvalue

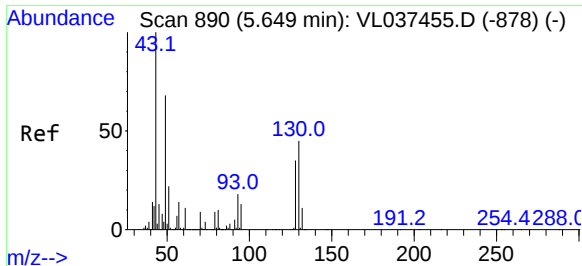
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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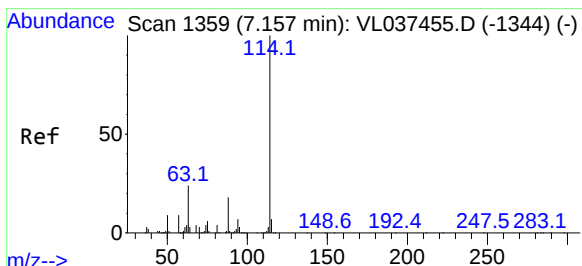
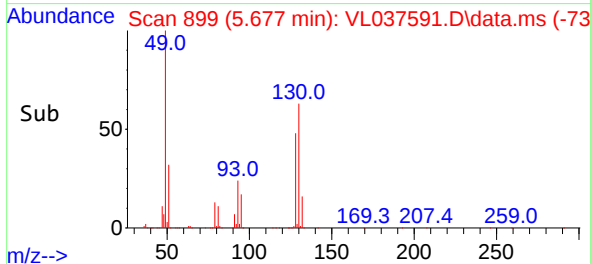
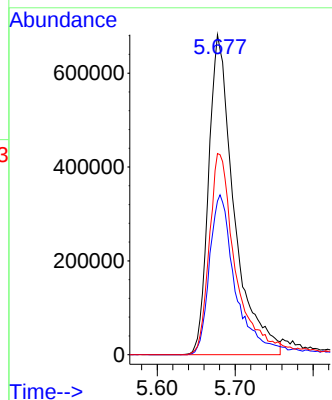
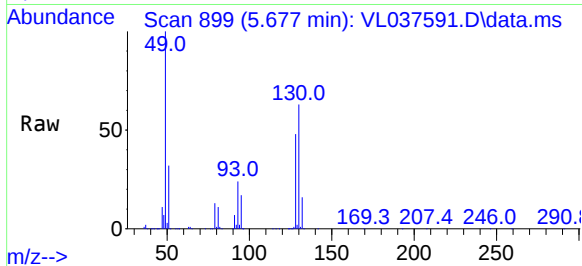




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.029 min
Lab File: VL037591.D
Acq: 9 Sep 2021 3:56

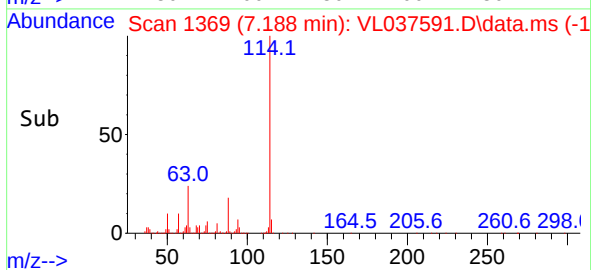
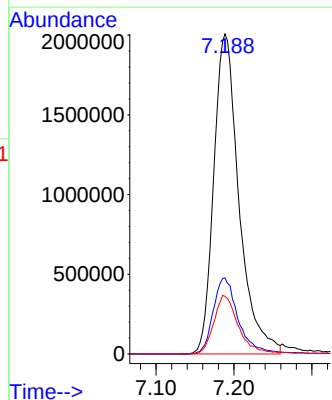
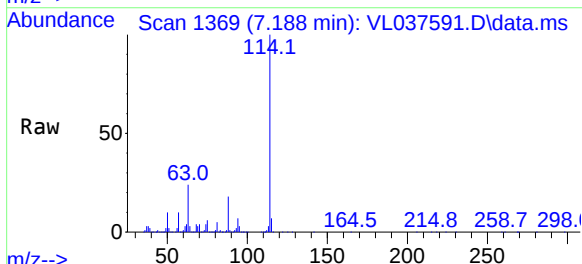
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

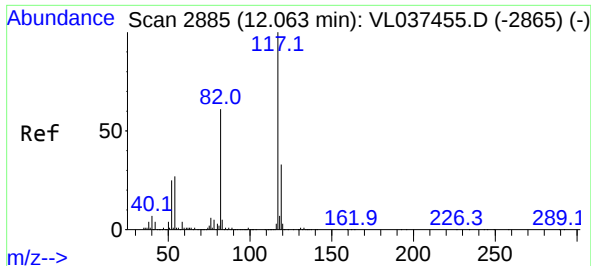
Tgt Ion: 49 Resp: 1550033
Ion Ratio Lower Upper
49 100
128 53.9 27.5 82.4
130 68.3 34.0 101.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL037591.D
Acq: 9 Sep 2021 3:56

Tgt Ion: 114 Resp: 4517638
Ion Ratio Lower Upper
114 100
63 24.3 19.3 28.9
88 18.3 14.2 21.4



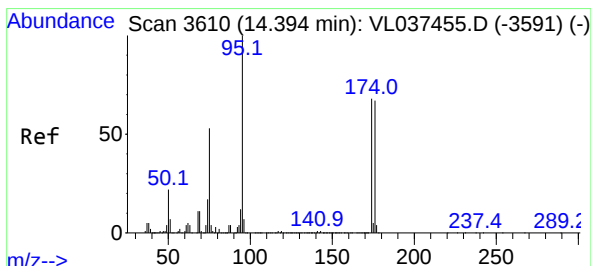
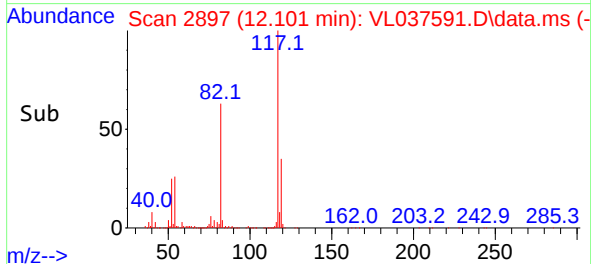
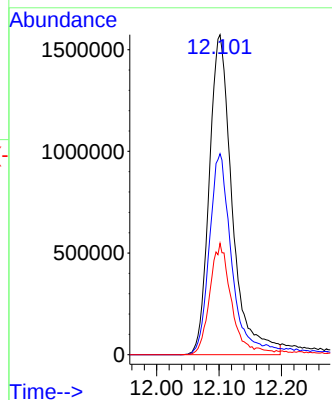
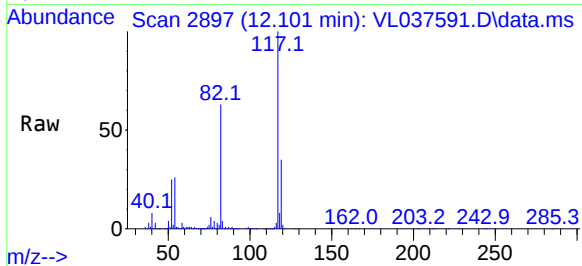


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.101 min Scan# 2897
Delta R.T. 0.038 min
Lab File: VL037591.D
Acq: 9 Sep 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 4025729

Ion	Ratio	Lower	Upper
117	100		
82	61.7	52.9	79.3
119	34.9	24.8	37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.578 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.035 min
Lab File: VL037591.D
Acq: 9 Sep 2021 3:56

Tgt Ion: 95 Resp: 2739257

Ion	Ratio	Lower	Upper
95	100		
174	81.3	59.6	89.4
175	5.7	4.6	7.0

