

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037516.D
 Acq On : 3 Sep 2021 11:57
 Operator : SY/AP
 Sample : VL0903ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0903ABL01

Quant Time: Sep 04 04:21:18 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	5.658	49	1369628	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	4166059	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3535057	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	2528536	10.068	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

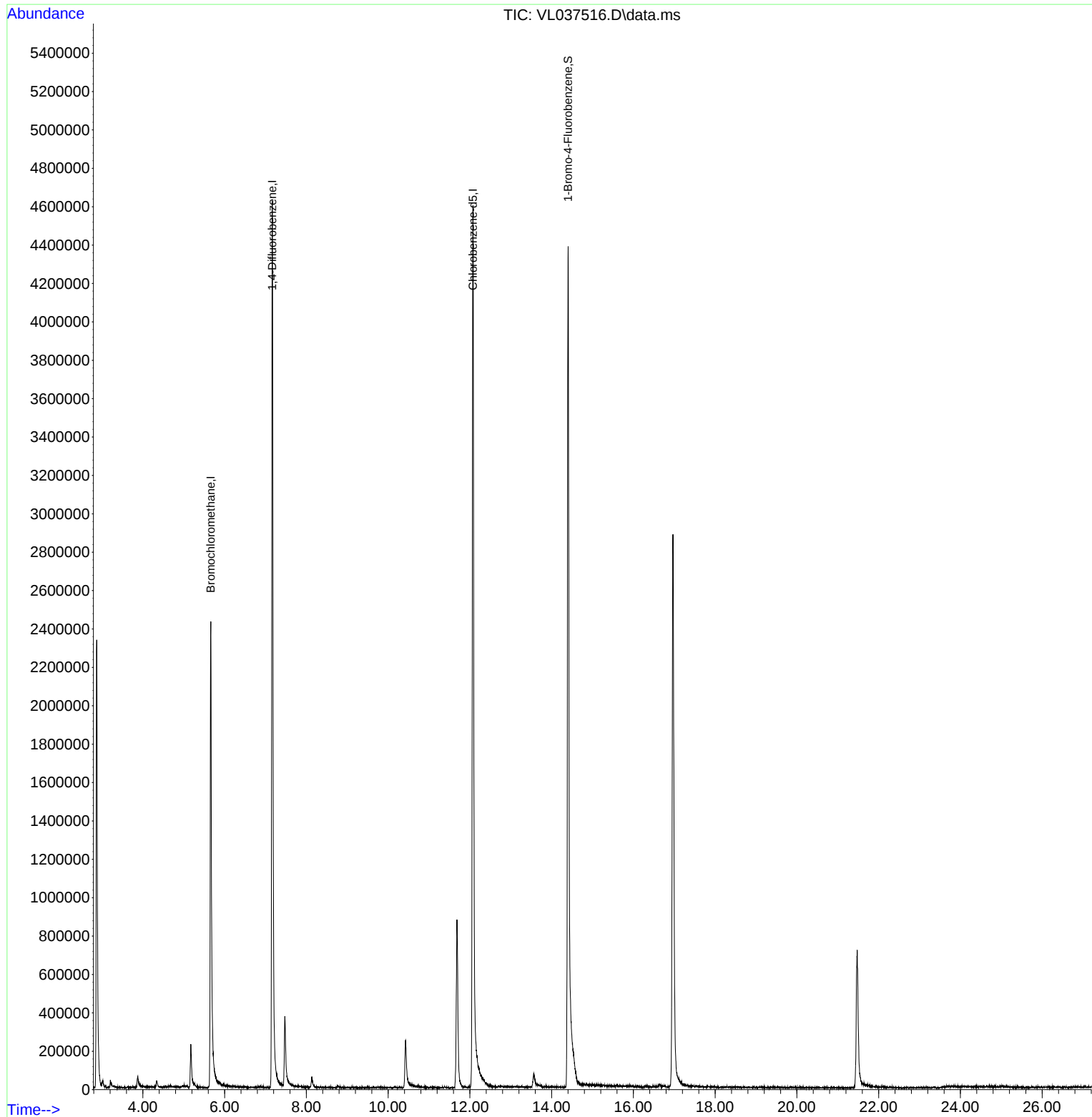
Target Compounds	Qvalue

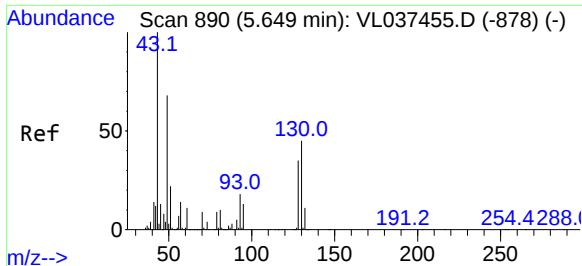
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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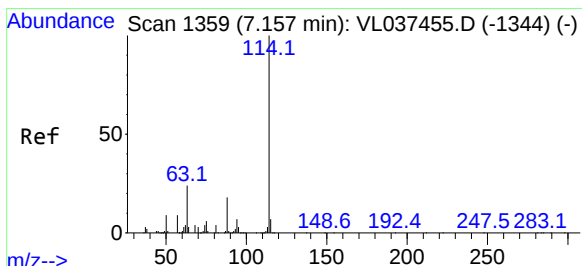
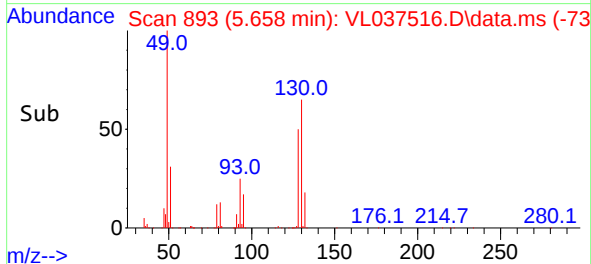
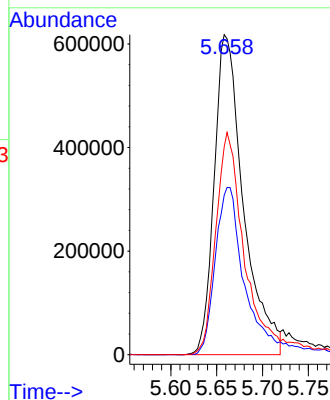
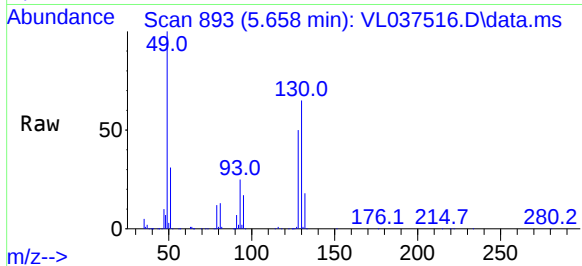


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.010 min
Lab File: VL037516.D
Acq: 3 Sep 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0903ABL01

Tgt Ion: 49 Resp: 1369628

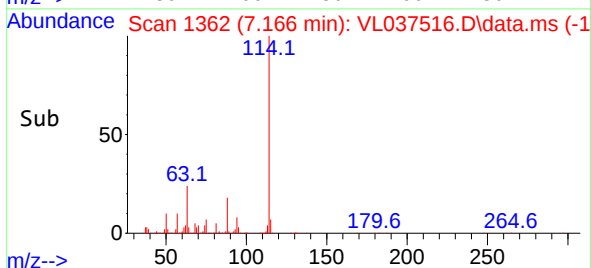
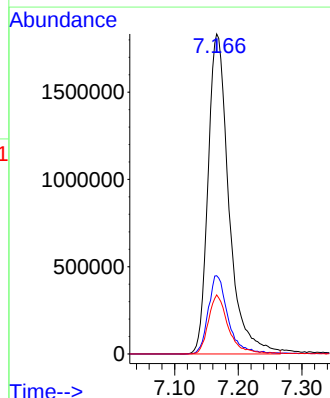
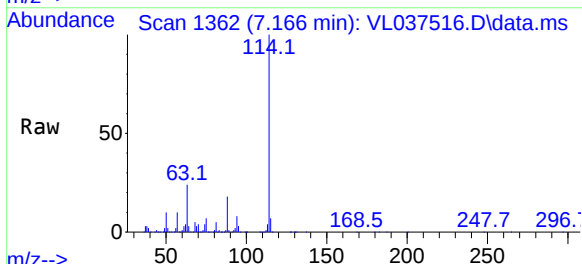
Ion	Ratio	Lower	Upper
49	100		
128	55.2	27.5	82.4
130	72.2	34.0	101.8

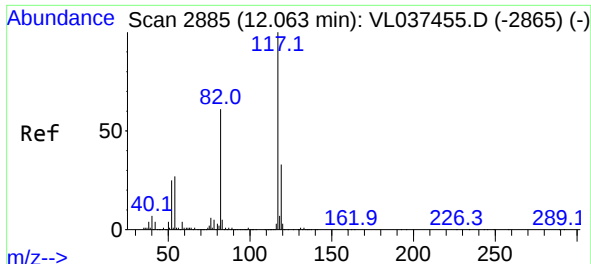


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL037516.D
Acq: 3 Sep 2021 11:57

Tgt Ion: 114 Resp: 4166059

Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.3	28.9
88	17.7	14.2	21.4



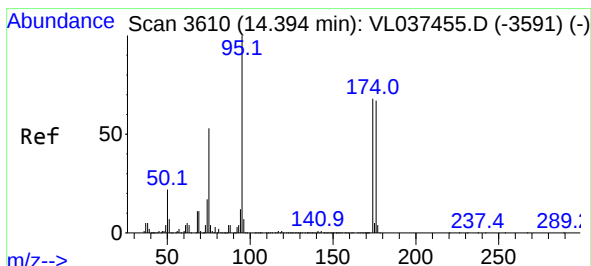
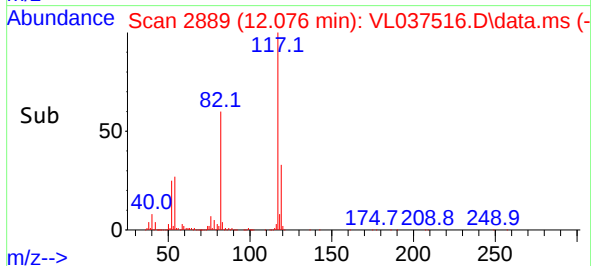
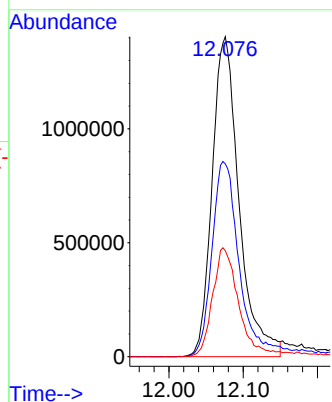
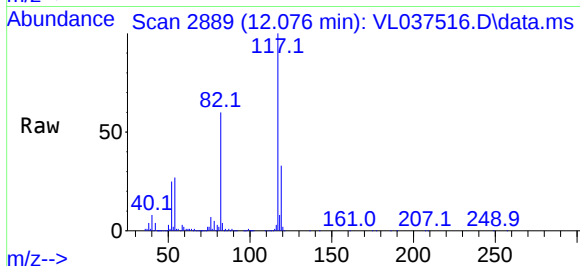


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. 0.013 min
Lab File: VL037516.D
Acq: 3 Sep 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0903ABL01

Tgt Ion:117 Resp: 3535057

Ion	Ratio	Lower	Upper
117	100		
82	65.2	52.9	79.3
119	35.3	24.8	37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.068 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. 0.010 min
Lab File: VL037516.D
Acq: 3 Sep 2021 11:57

Tgt Ion: 95 Resp: 2528536

Ion	Ratio	Lower	Upper
95	100		
174	75.5	59.6	89.4
175	5.7	4.6	7.0

