

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
Data File : VL036226.D
Acq On : 13 Jan 2021 15:18
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jan 15 08:41:29 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1534951	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3217726	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2932108	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2381174	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

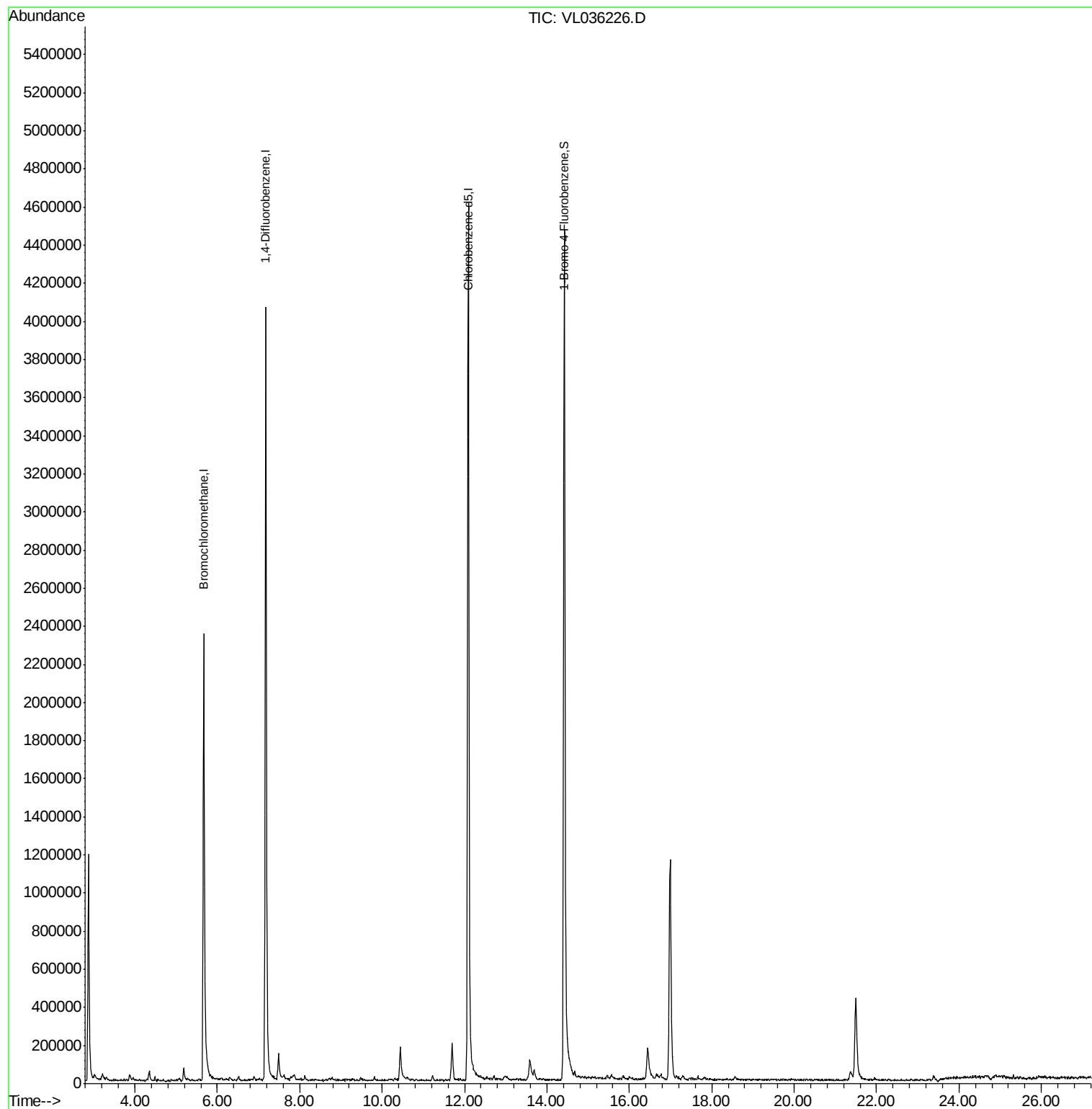
Target Compounds	Ovalue
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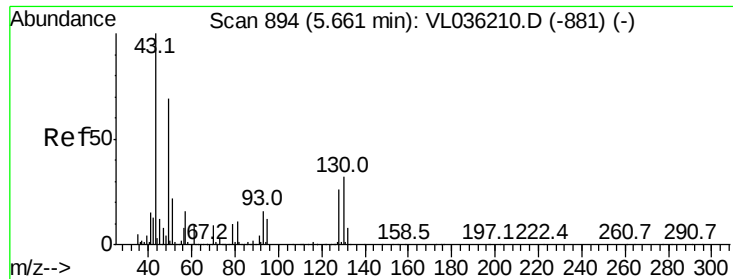
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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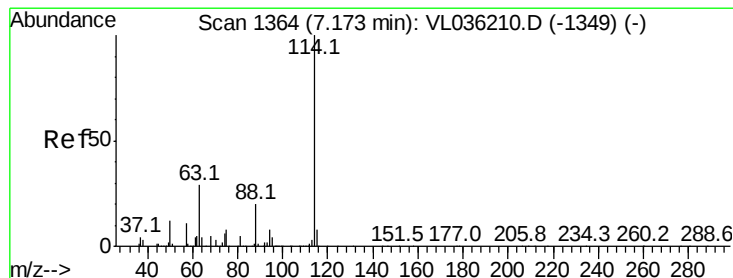
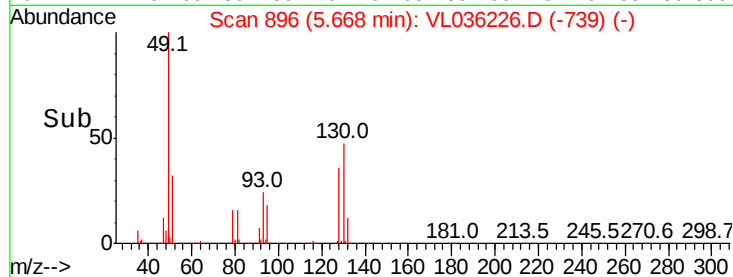
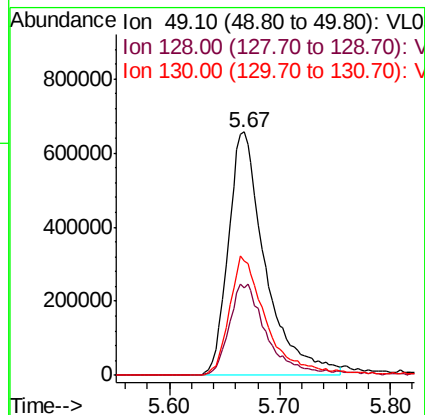
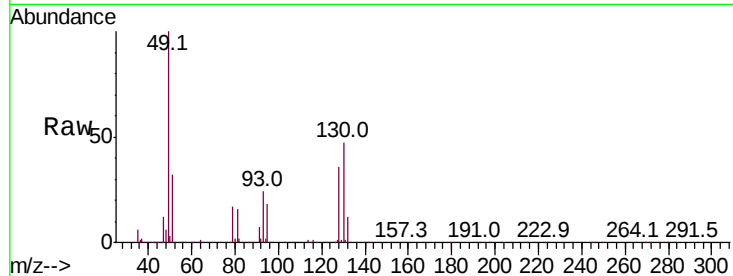


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VL036226.D
 Acq: 13 Jan 2021 15:18

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

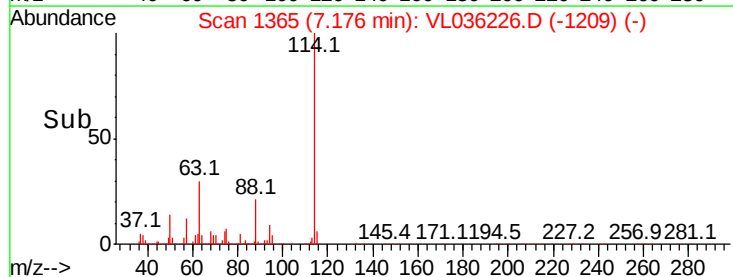
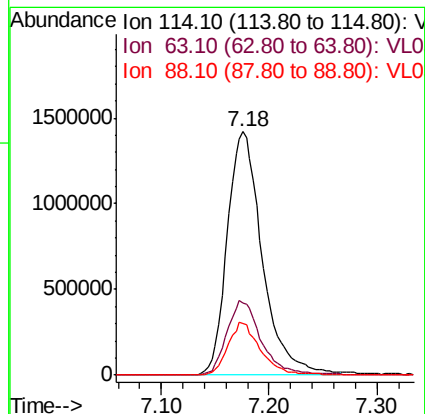
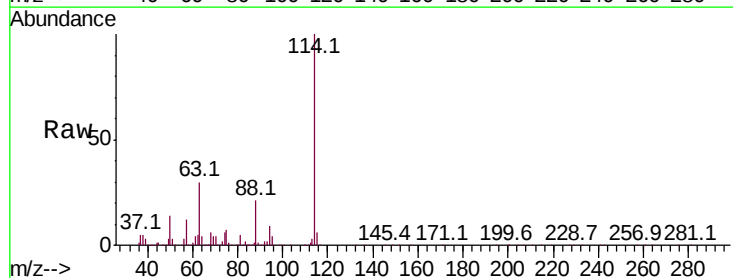
Tot Ion: 49 Resp: 1534951
 Ion Ratio Lower Upper
 49 100
 128 39.4 20.1 60.2
 130 49.8 25.3 75.9

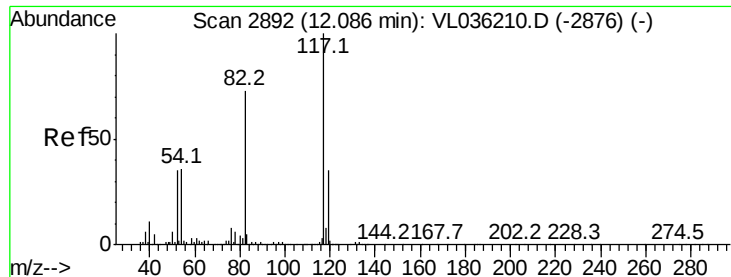


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL036226.D
 Acq: 13 Jan 2021 15:18

Tgt Ion: 114 Resp: 3217726
 Ion Ratio Lower Upper
 114 100
 63 30.5 24.7 37.1
 88 20.4 16.6 24.8

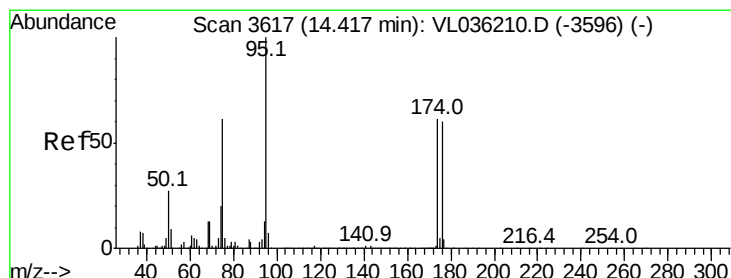
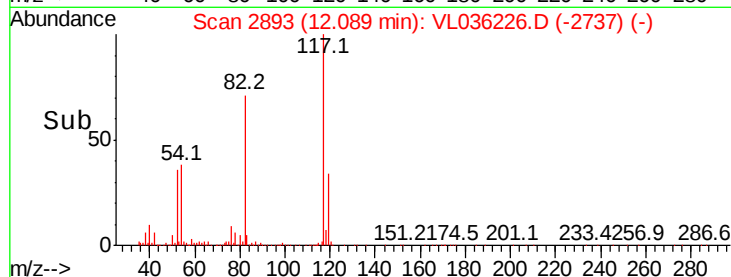
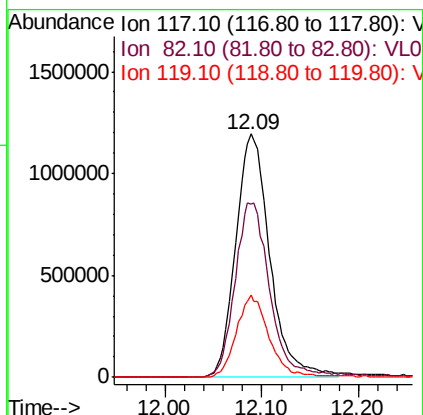
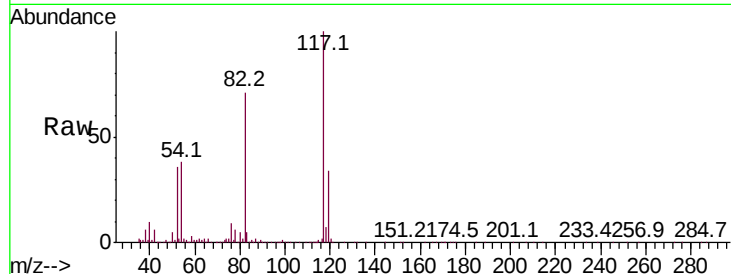




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL036226.D
Acq: 13 Jan 2021 15:18

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2932108
Ion Ratio Lower Upper
117 100
82 74.9 59.7 89.5
119 33.2 28.6 43.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.811 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL036226.D
Acq: 13 Jan 2021 15:18

Tgt Ion: 95 Resp: 2381174
Ion Ratio Lower Upper
95 100
174 62.7 49.4 74.0
175 4.6 3.8 5.8

