

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040953.D
 Acq On : 22 Dec 2023 10:06
 Operator : SY/MD
 Sample : VL1222ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1222ABL01

Quant Time: Dec 23 01:19:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1159203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3034569	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2582457	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1880099	9.884	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

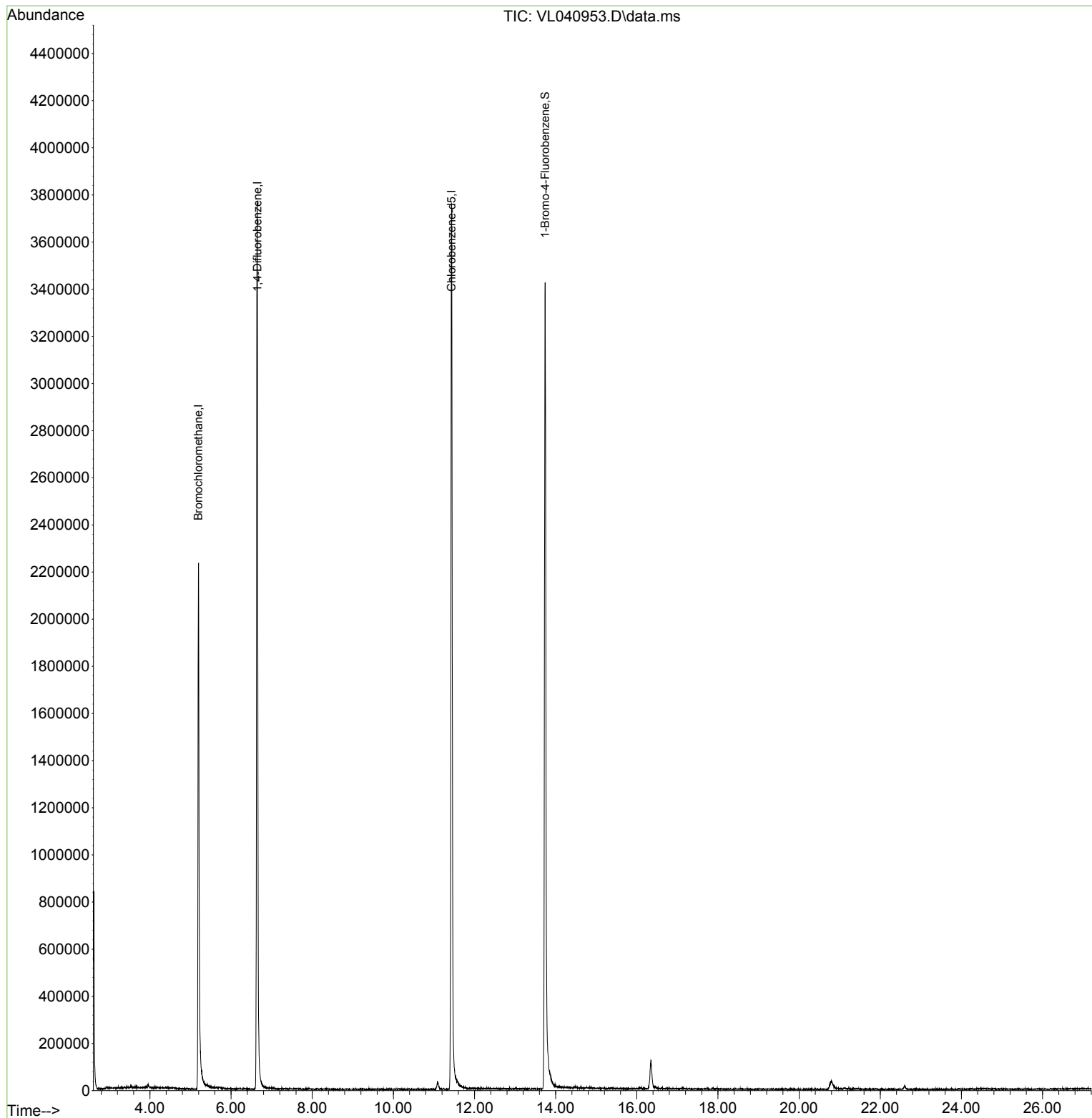
Target Compounds	Qvalue

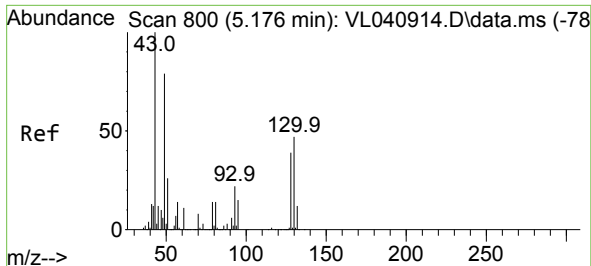
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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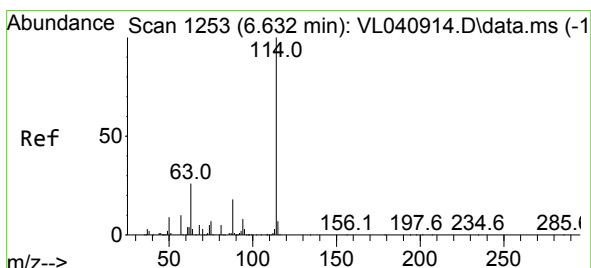
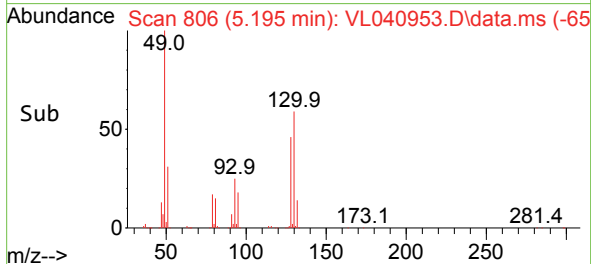
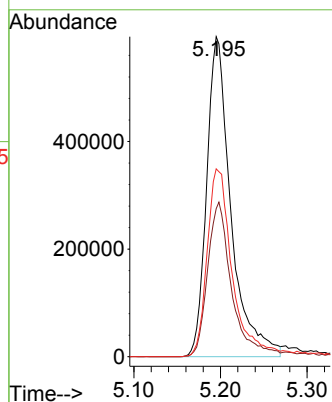
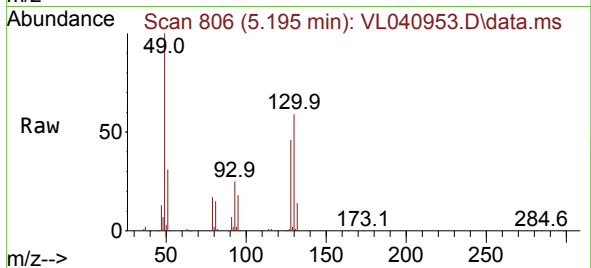




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

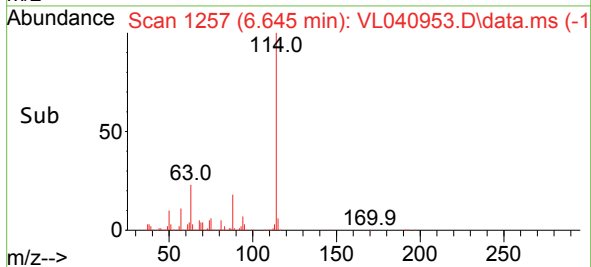
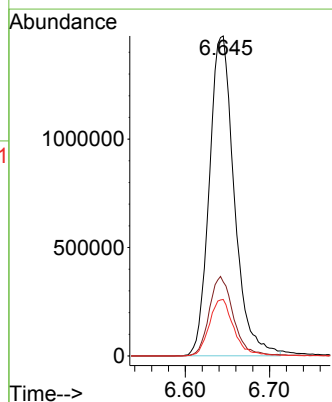
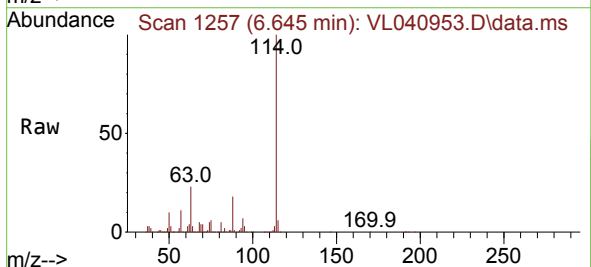
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABL01

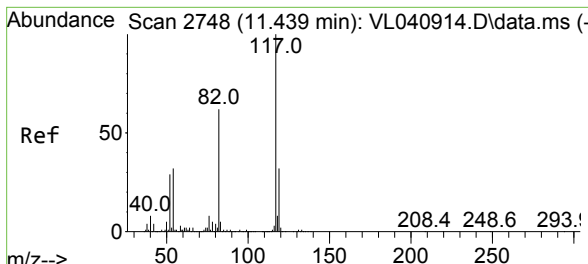
Tgt Ion: 49 Resp: 1159203
Ion Ratio Lower Upper
49 100
128 50.0 23.8 71.2
130 63.3 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

Tgt Ion:114 Resp: 3034569
Ion Ratio Lower Upper
114 100
63 24.5 21.0 31.6
88 17.6 14.3 21.5

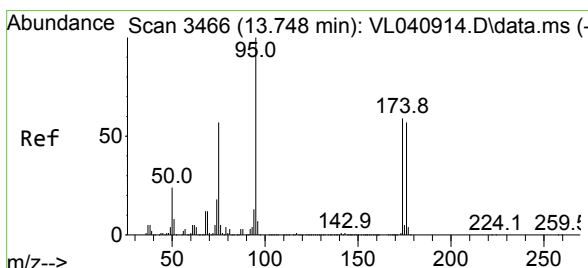
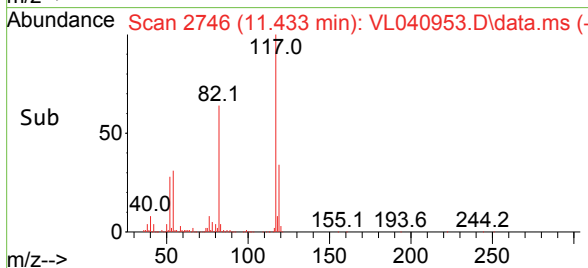
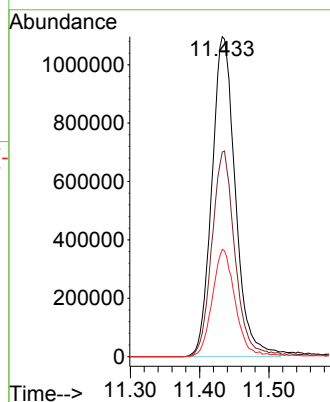
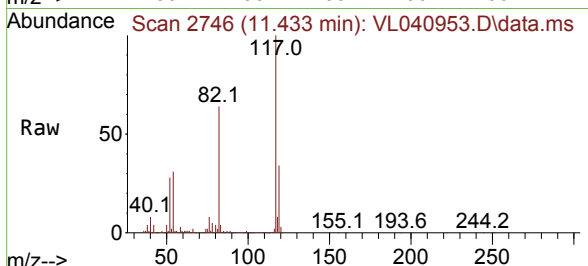




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABL01

Tgt Ion:117 Resp: 2582457
Ion Ratio Lower Upper
117 100
82 64.7 49.6 74.4
119 33.2 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.884 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

Tgt Ion: 95 Resp: 1880099
Ion Ratio Lower Upper
95 100
174 63.4 48.0 72.0
175 4.6 3.7 5.5

