

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040762.D
 Acq On : 11 Oct 2023 18:42
 Operator : SY/MD
 Sample : VL1011ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABL01

Quant Time: Oct 12 00:27:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	982353	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2786359	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2536926	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	1896900	10.162	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

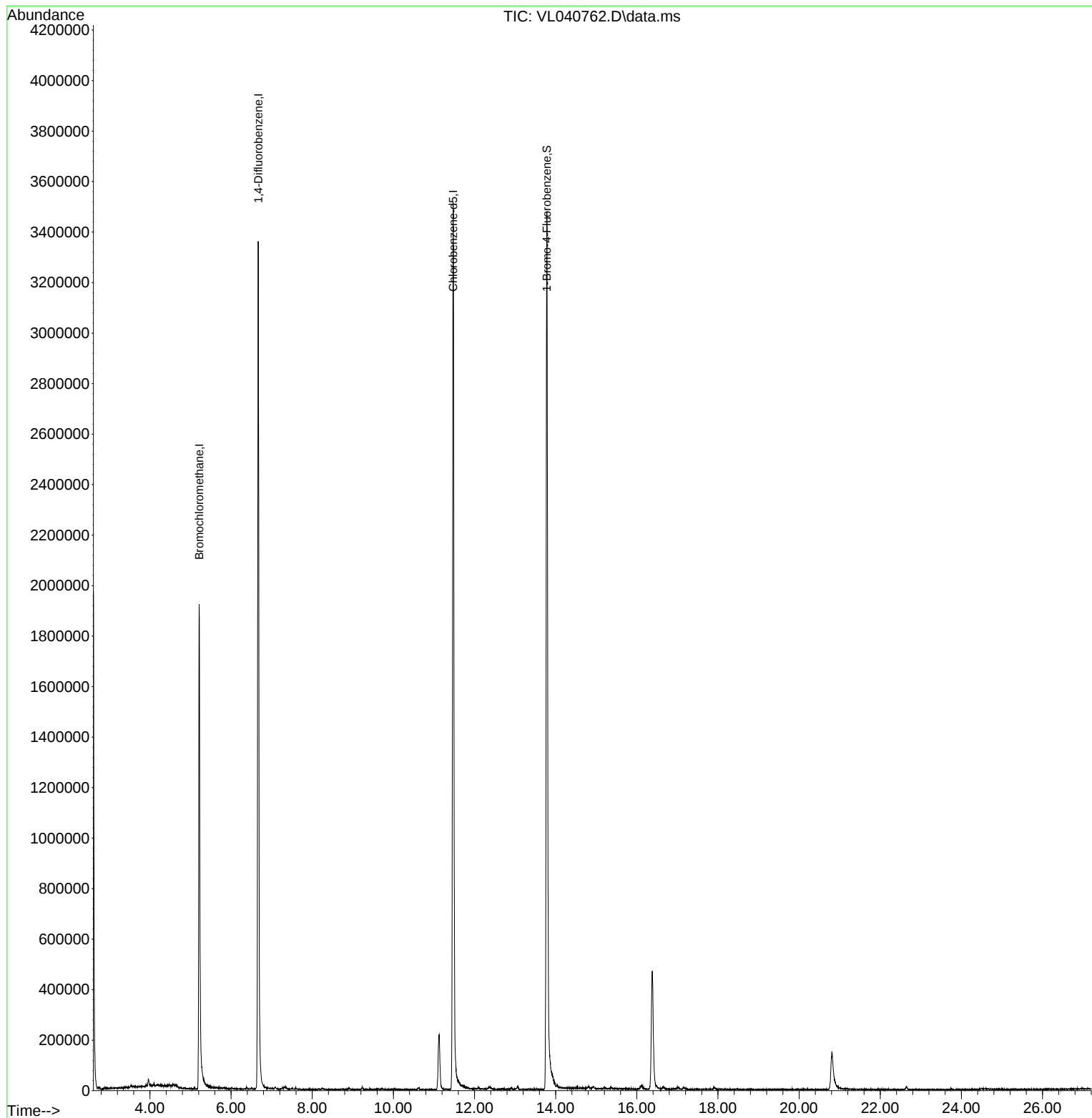
Target Compounds	Qvalue

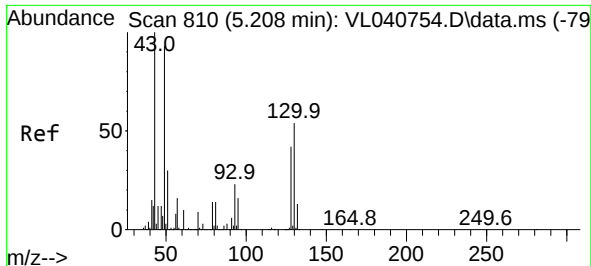
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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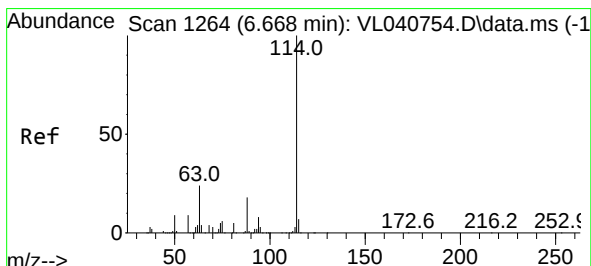
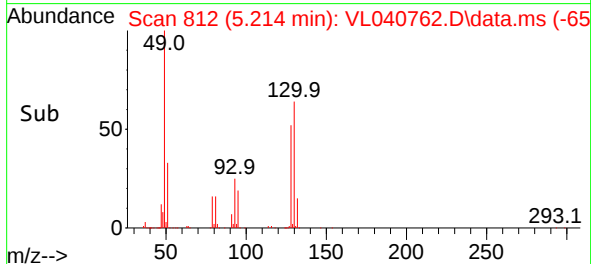
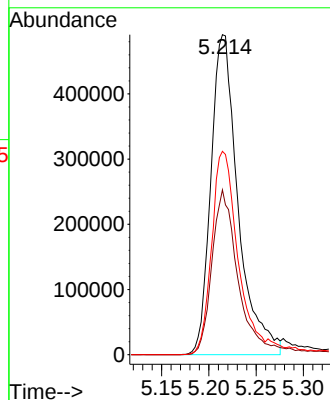
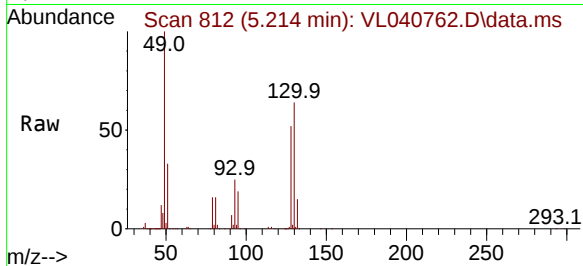




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

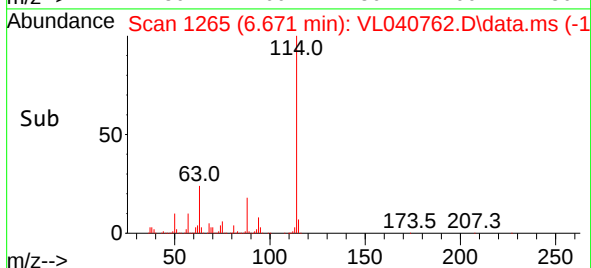
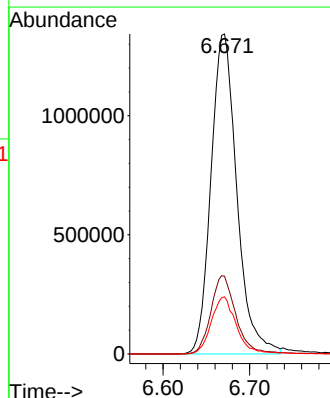
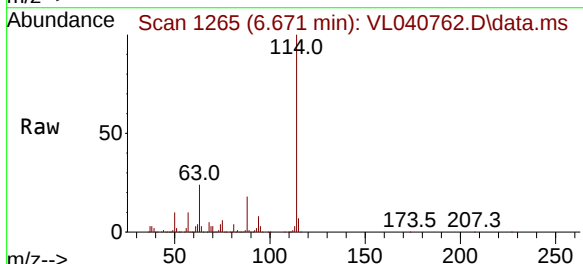
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

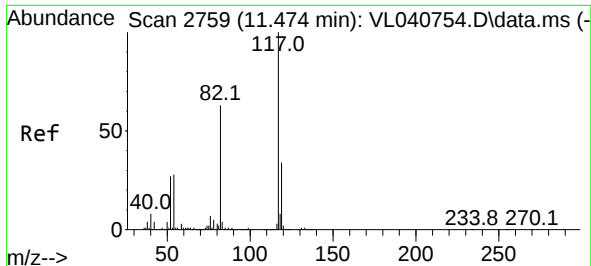
Tgt Ion: 49 Resp: 982353
Ion Ratio Lower Upper
49 100
128 51.5 23.9 71.7
130 66.5 30.7 92.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Tgt Ion: 114 Resp: 2786359
Ion Ratio Lower Upper
114 100
63 24.0 19.8 29.6
88 17.6 14.2 21.2

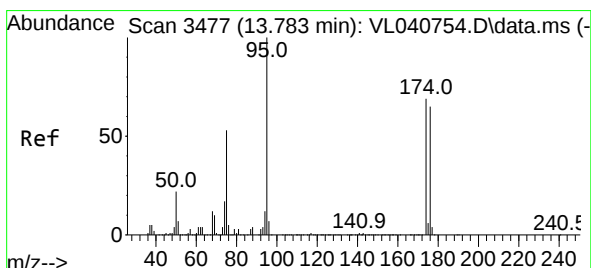
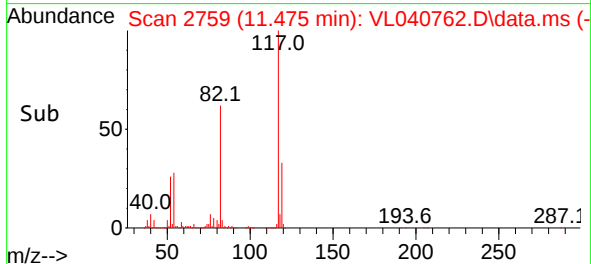
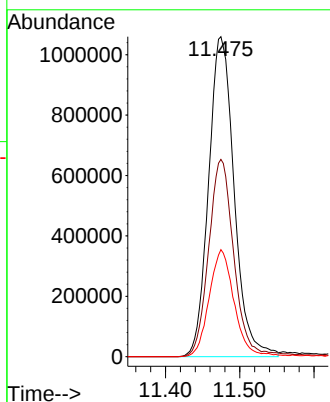
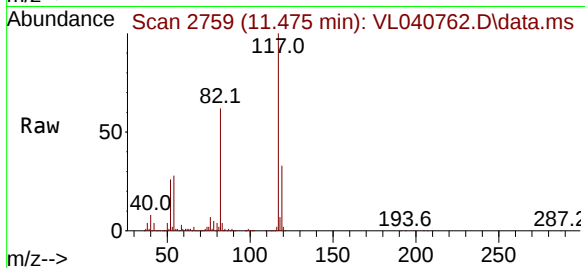




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

Tgt Ion:117 Resp: 2536926
Ion Ratio Lower Upper
117 100
82 61.5 46.6 70.0
119 33.3 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.162 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Tgt Ion: 95 Resp: 1896900
Ion Ratio Lower Upper
95 100
174 70.0 54.7 82.1
175 5.2 4.2 6.4

