

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040028.D
 Acq On : 19 Dec 2022 14:53
 Operator : SY/MD
 Sample : VL1219ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABL01

Quant Time: Dec 20 04:58:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1054586	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2962255	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2581318	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1936209	9.819	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

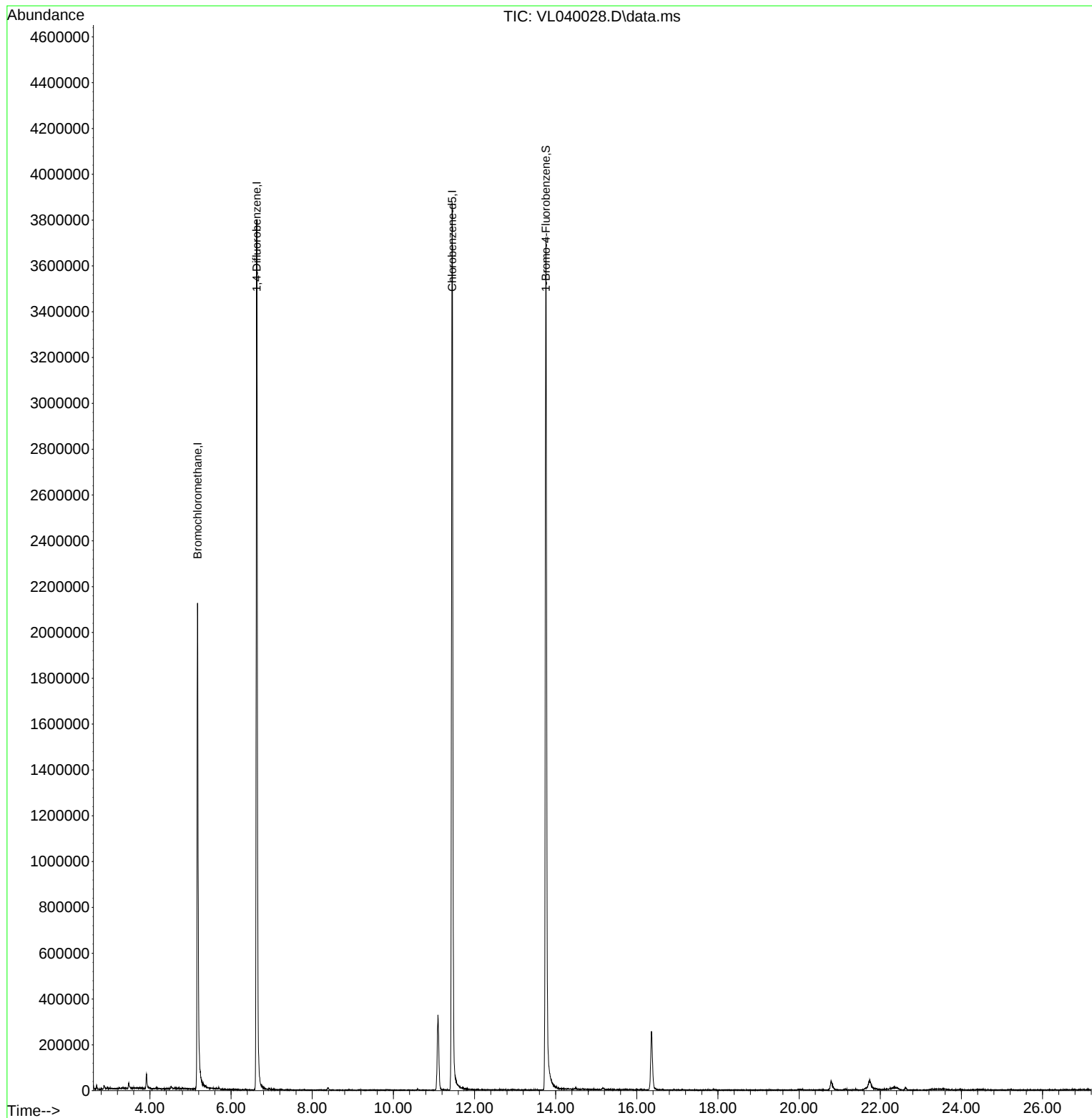
Target Compounds	Qvalue

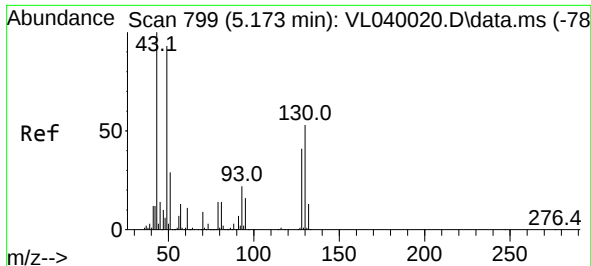
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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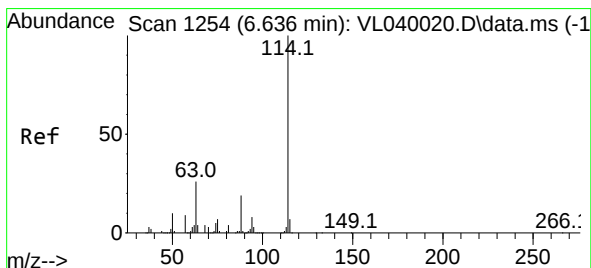
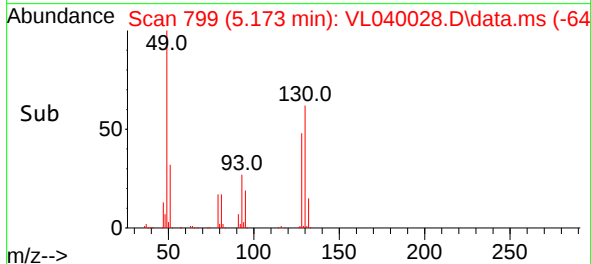
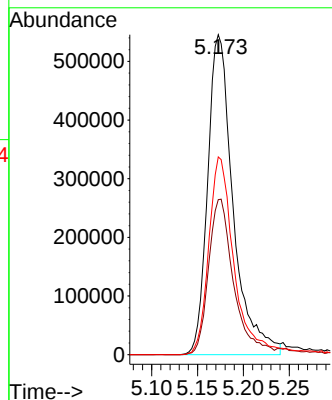
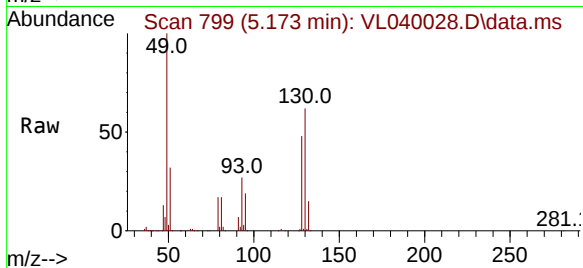




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 799
Delta R.T. -0.000 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

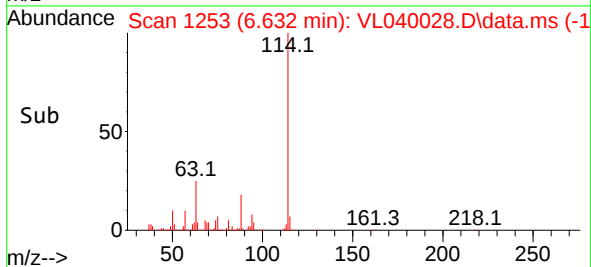
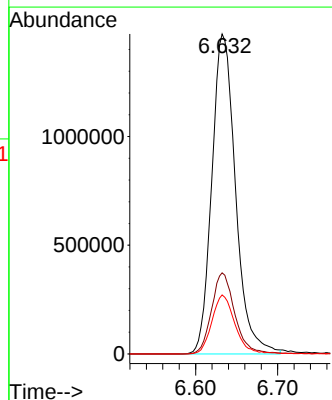
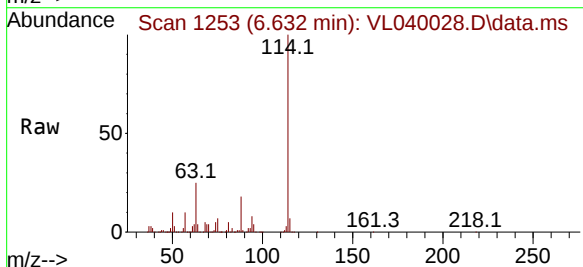
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABL01

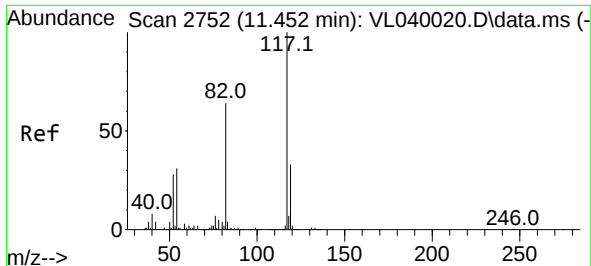
Tgt Ion: 49 Resp: 1054586
Ion Ratio Lower Upper
49 100
128 51.2 22.4 67.3
130 63.3 28.9 86.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Tgt Ion: 114 Resp: 2962255
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 18.1 14.6 21.8

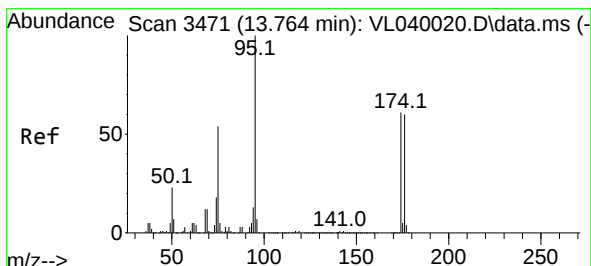
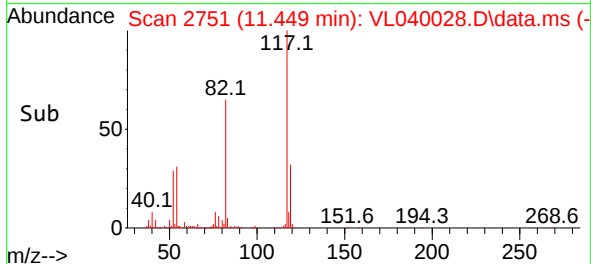
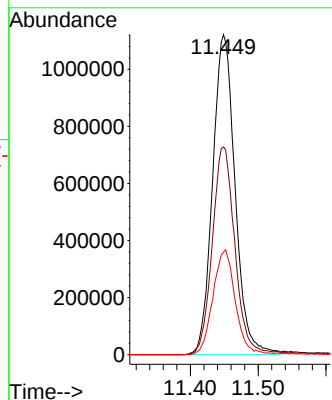
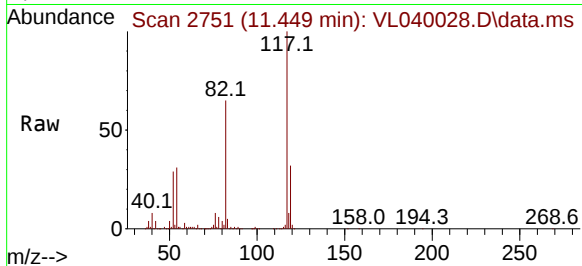




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABL01

Tgt Ion:117 Resp: 2581318
Ion Ratio Lower Upper
117 100
82 66.3 51.2 76.8
119 33.0 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Tgt Ion: 95 Resp: 1936209
Ion Ratio Lower Upper
95 100
174 62.1 48.6 73.0
175 4.4 3.4 5.2

