

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
Data File : VL041773.D
Acq On : 17 Dec 2024 11:07
Operator : SY/MD
Sample : VL1217ABL02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1217ABL02

Quant Time: Dec 21 01:23:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	60836	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	158497	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	136312	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	113575	9.998	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

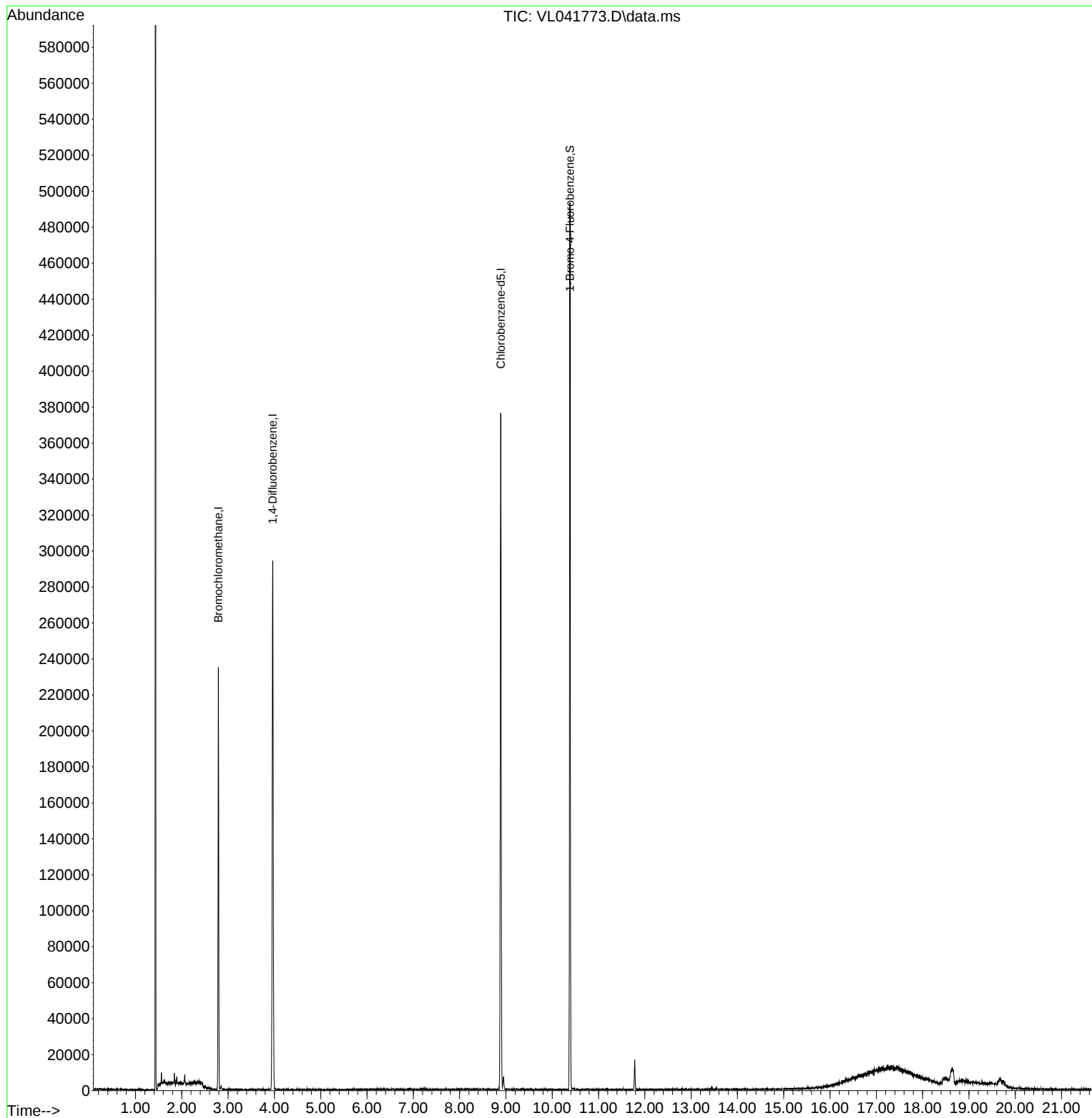
Target Compounds	Qvalue

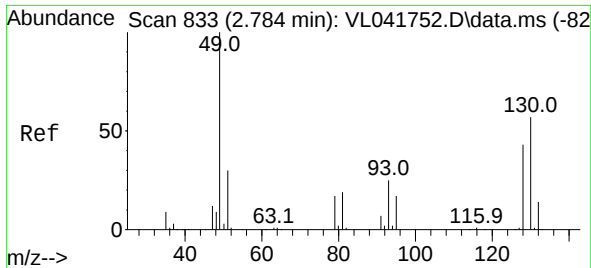
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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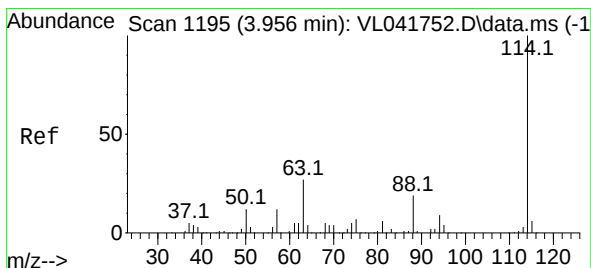
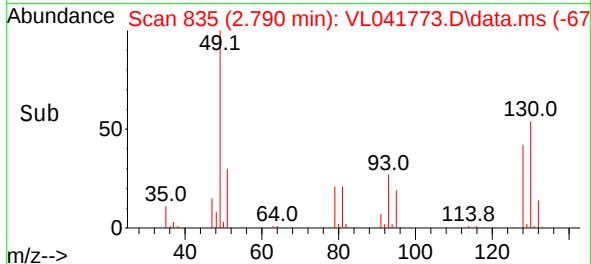
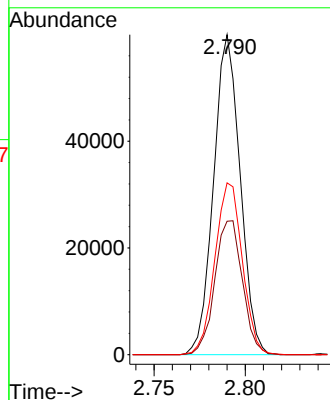
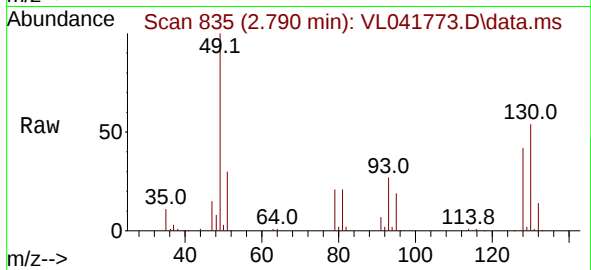




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

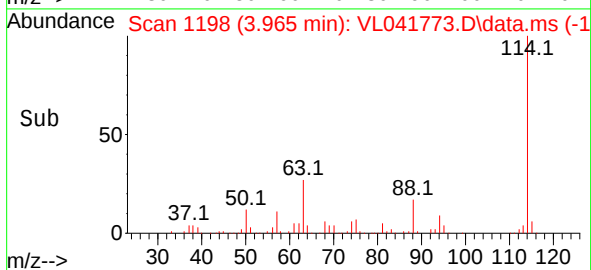
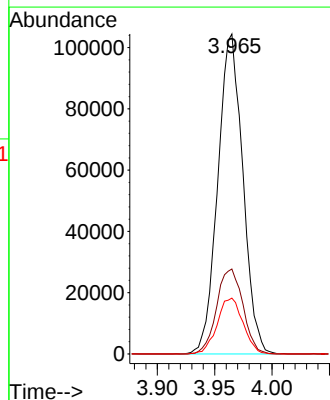
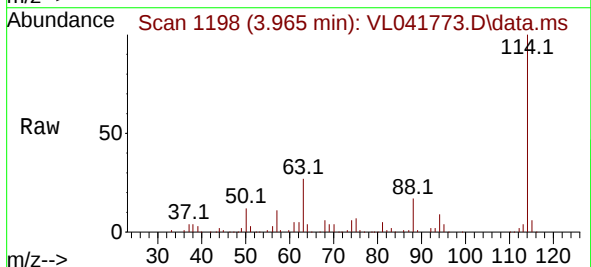
Instrument :
MSVOA_1
ClientSampleId :
VL1217ABL02

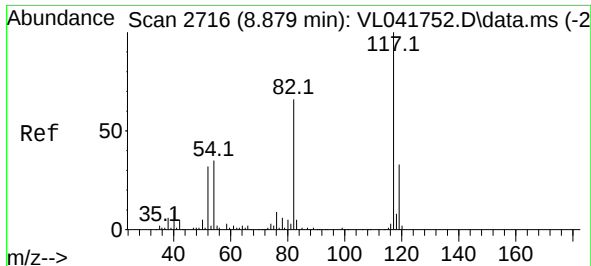
Tgt Ion: 49 Resp: 60836
Ion Ratio Lower Upper
49 100
128 43.5 21.6 64.6
130 55.5 28.3 85.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.009 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

Tgt Ion: 114 Resp: 158497
Ion Ratio Lower Upper
114 100
63 27.8 21.8 32.8
88 18.0 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Instrument :

MSVOA_1

ClientSampleId :

VL1217ABL02

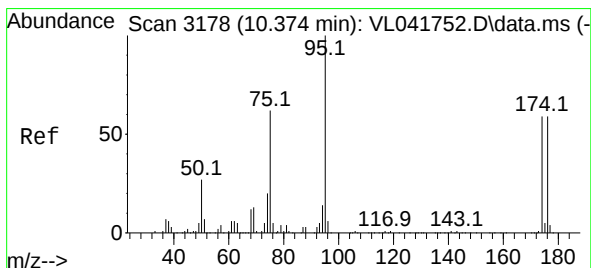
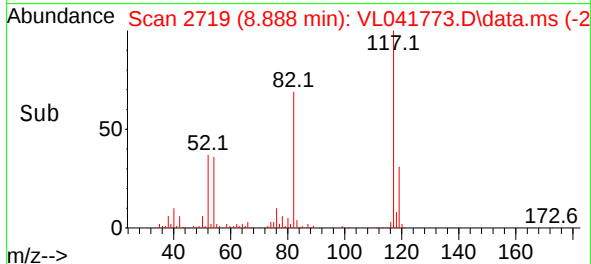
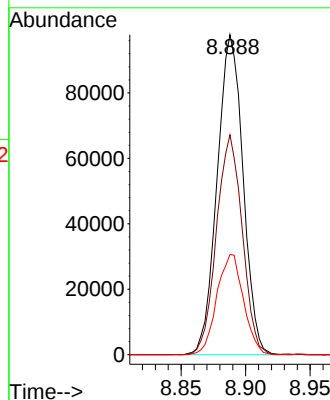
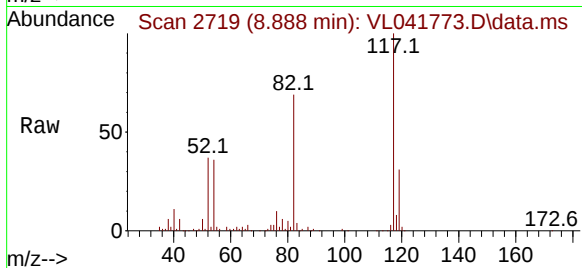
Tgt Ion:117 Resp: 136312

Ion Ratio Lower Upper

117 100

82 68.4 53.8 80.8

119 32.2 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.998 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Tgt Ion: 95 Resp: 113575

Ion Ratio Lower Upper

95 100

174 57.9 47.6 71.4

175 4.5 3.7 5.5

