

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041728.D
 Acq On : 11 Dec 2024 19:28
 Operator : SY/MD
 Sample : VL1211ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABL01

Quant Time: Dec 12 13:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	272196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	1359828	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1203529	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	788122	9.961	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

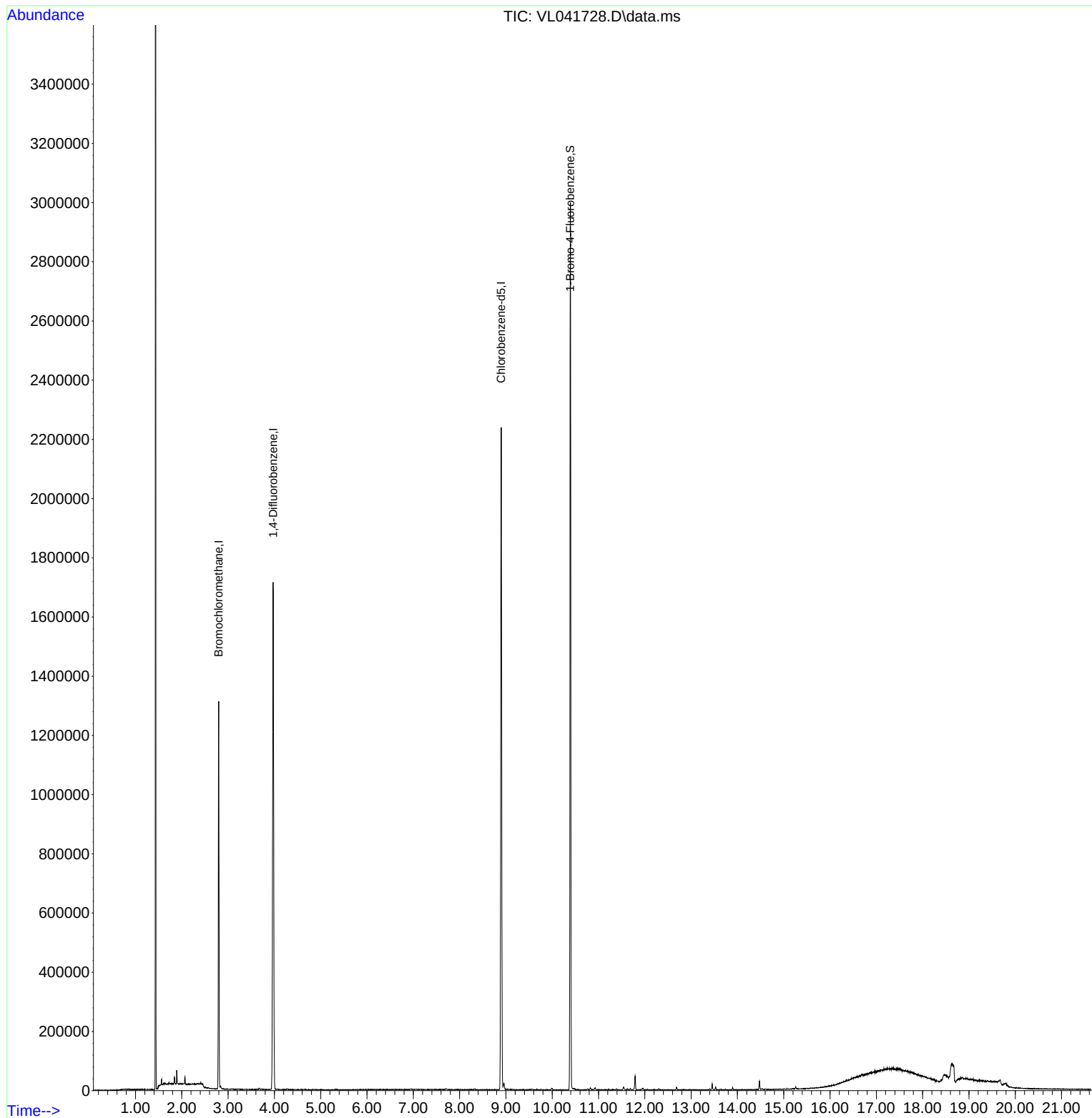
Target Compounds	Qvalue

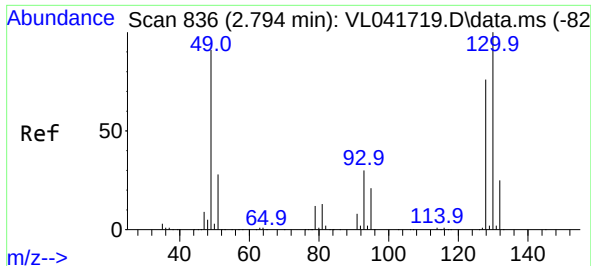
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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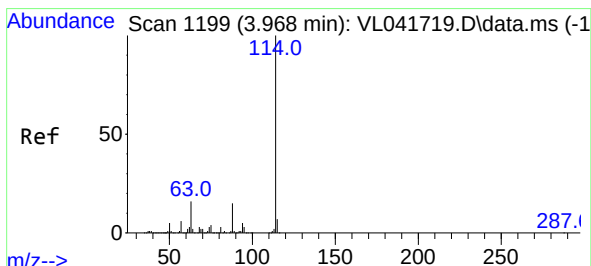
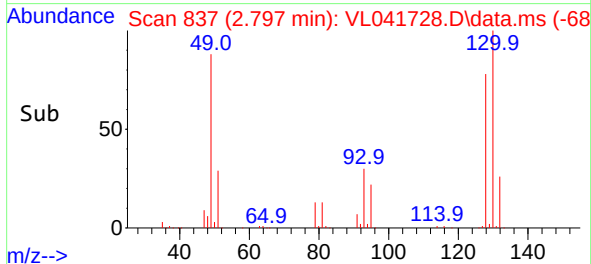
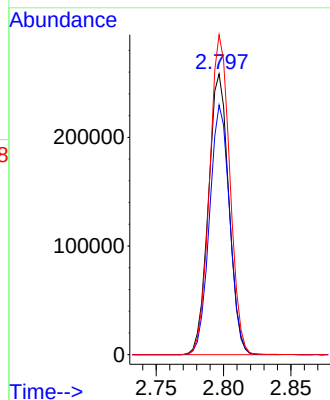
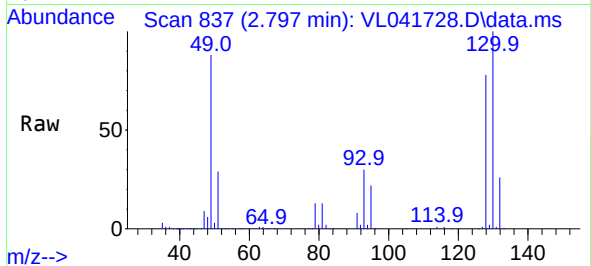




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041728.D
Acq: 11 Dec 2024 19:28

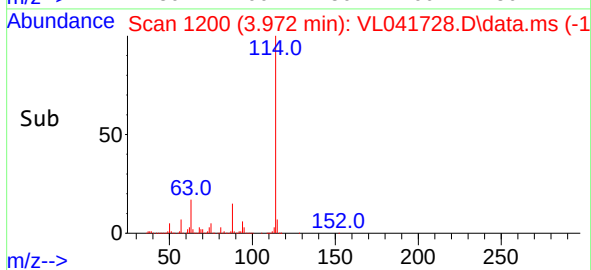
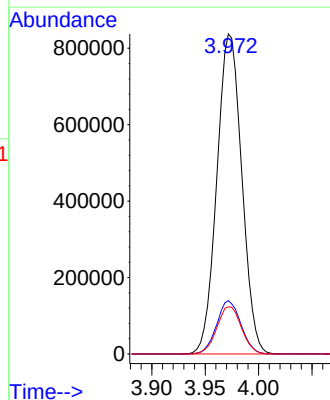
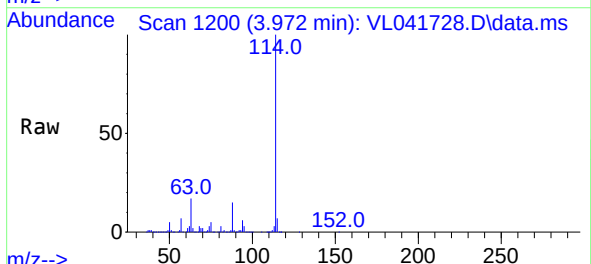
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABL01

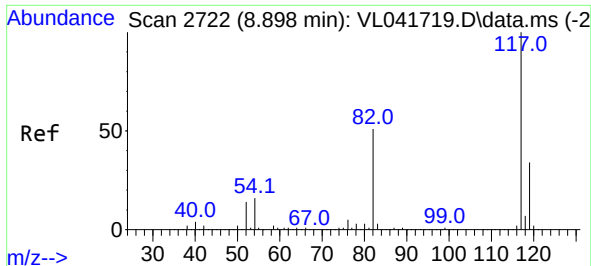
Tgt Ion: 49 Resp: 272196
Ion Ratio Lower Upper
49 100
128 88.0 42.8 128.3
130 113.1 55.8 167.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.003 min
Lab File: VL041728.D
Acq: 11 Dec 2024 19:28

Tgt Ion: 114 Resp: 1359828
Ion Ratio Lower Upper
114 100
63 16.2 12.9 19.3
88 14.7 11.8 17.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041728.D

Acq: 11 Dec 2024 19:28

Instrument :

MSVOA_1

ClientSampleId :

VL1211ABL01

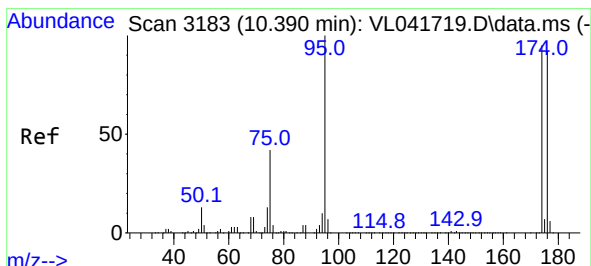
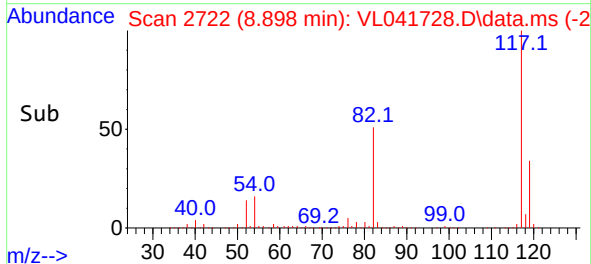
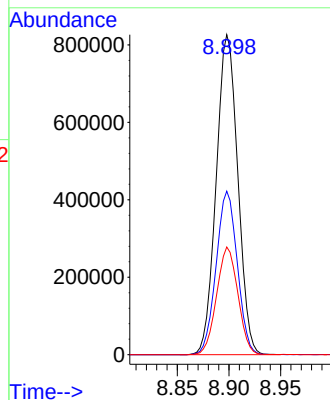
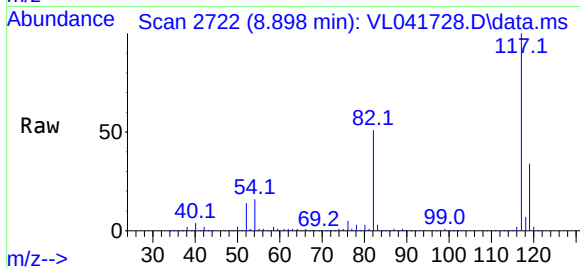
Tgt Ion:117 Resp: 1203529

Ion Ratio Lower Upper

117 100

82 50.1 41.3 61.9

119 33.2 25.8 38.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.961 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041728.D

Acq: 11 Dec 2024 19:28

Tgt Ion: 95 Resp: 788122

Ion Ratio Lower Upper

95 100

174 97.3 76.7 115.1

175 6.7 5.4 8.2

