

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041946.D
 Acq On : 27 Jan 2025 11:17
 Operator : SY/MD
 Sample : VL0127ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0127ABL02

Quant Time: Jan 28 02:34:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	142661	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	386765	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	337301	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	257049	9.675	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

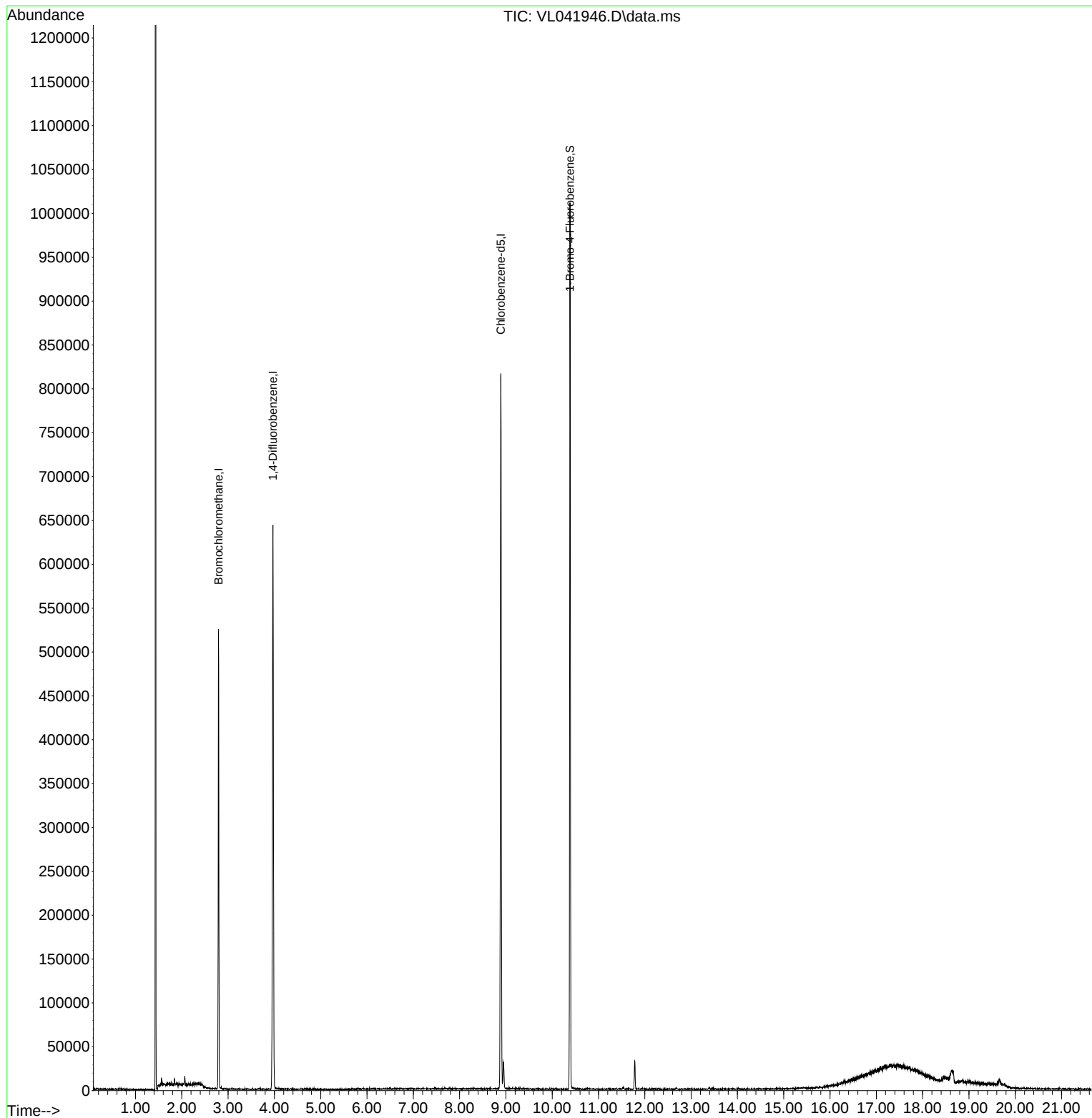
Target Compounds	Qvalue

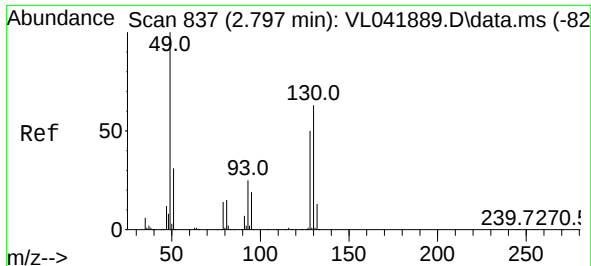
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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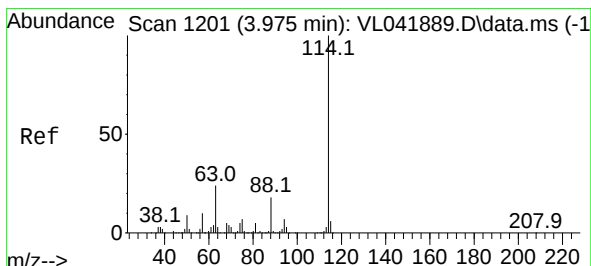
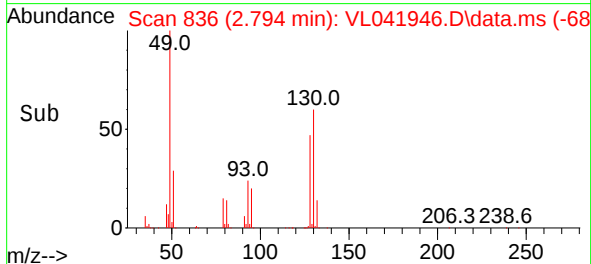
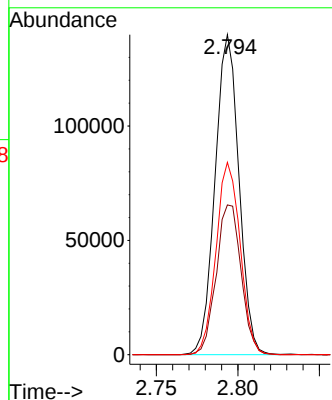
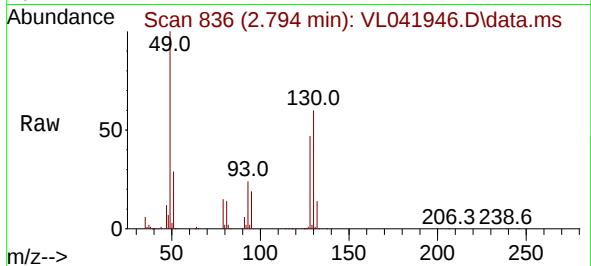




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041946.D
Acq: 27 Jan 2025 11:17

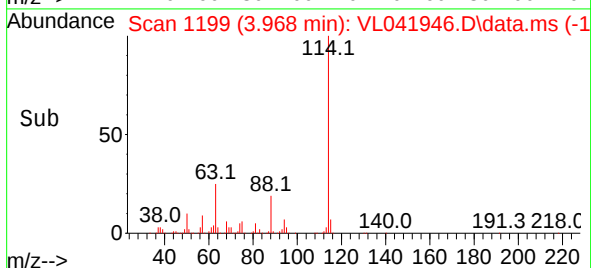
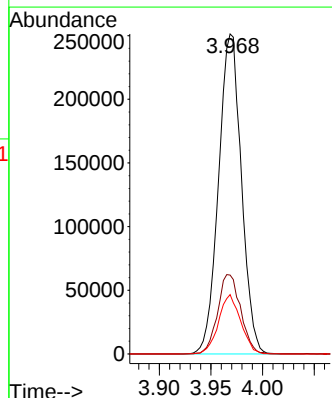
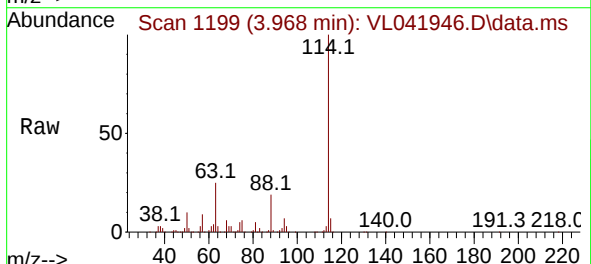
Instrument :
MSVOA_L
ClientSampleId :
VL0127ABL02

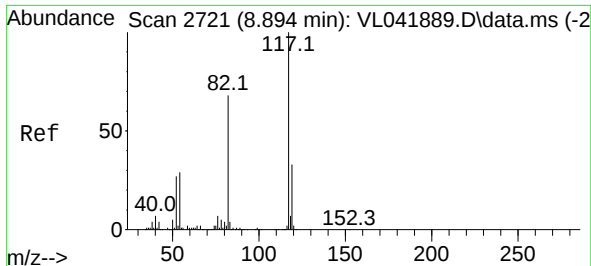
Tgt Ion: 49 Resp: 142661
Ion Ratio Lower Upper
49 100
128 48.8 24.3 73.0
130 60.7 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL041946.D
Acq: 27 Jan 2025 11:17

Tgt Ion:114 Resp: 386765
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 18.0 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041946.D

Acq: 27 Jan 2025 11:17

Instrument :

MSVOA_L

ClientSampleId :

VL0127ABL02

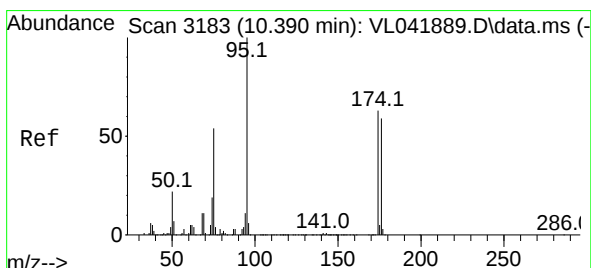
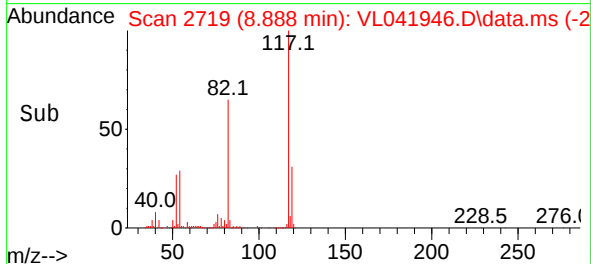
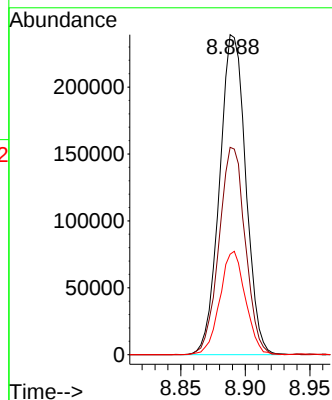
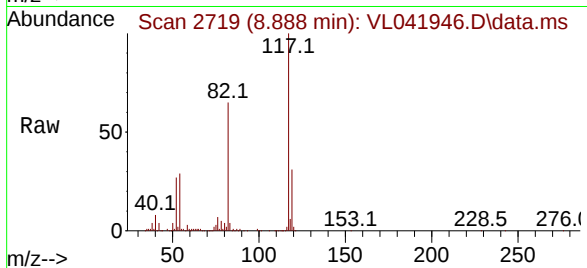
Tgt Ion:117 Resp: 337301

Ion Ratio Lower Upper

117 100

82 65.0 54.2 81.4

119 31.5 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.675 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. -0.006 min

Lab File: VL041946.D

Acq: 27 Jan 2025 11:17

Tgt Ion: 95 Resp: 257049

Ion Ratio Lower Upper

95 100

174 59.2 49.0 73.4

175 4.5 3.8 5.8

