

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043233.D
 Acq On : 19 Nov 2025 11:11
 Operator : SY/MD
 Sample : VL1119ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1119ABL01

Quant Time: Nov 20 00:02:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	100515	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	277905	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	219972	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	161002	9.985	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%

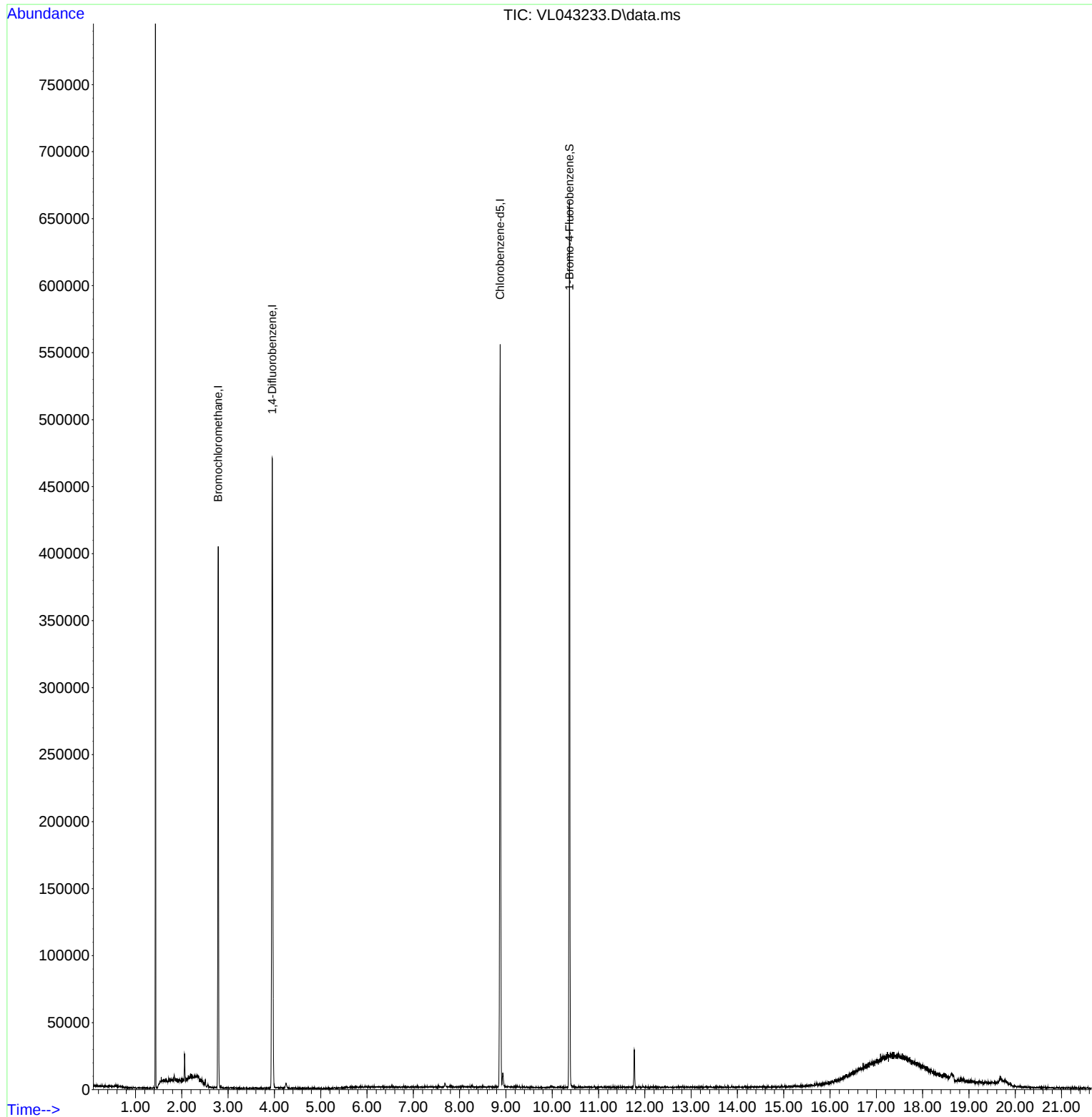
Target Compounds	Qvalue

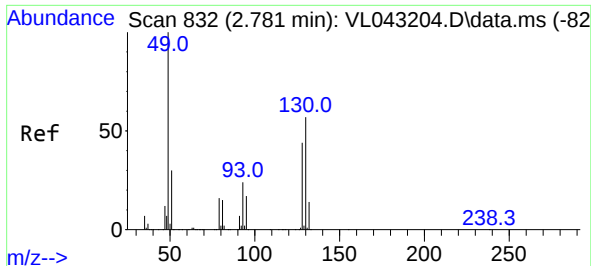
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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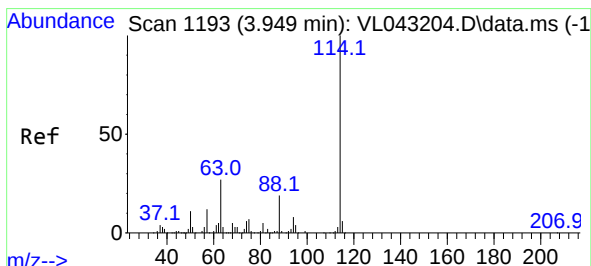
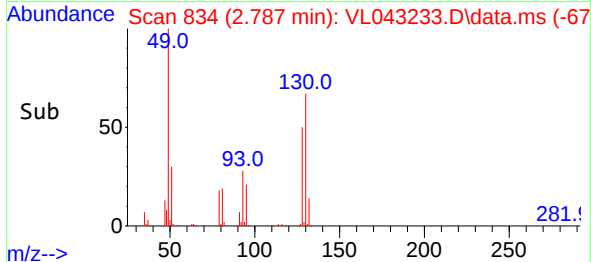
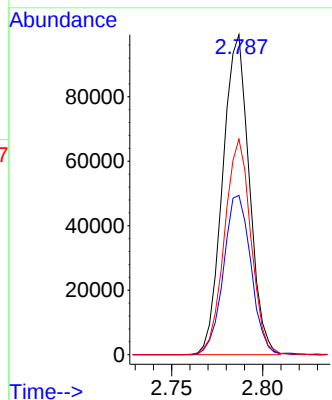
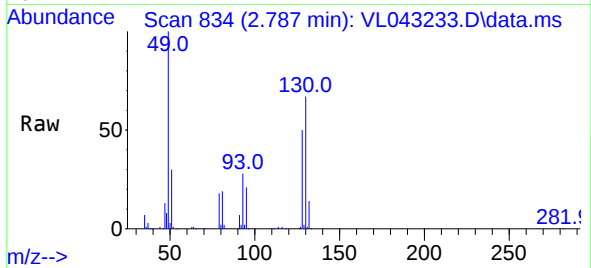




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043233.D
Acq: 19 Nov 2025 11:11

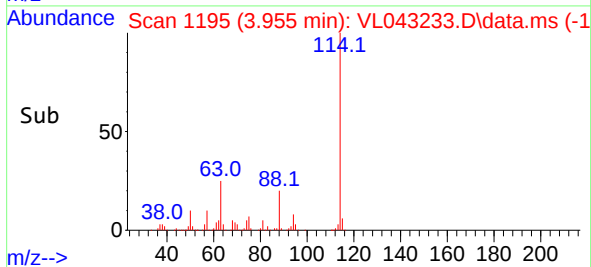
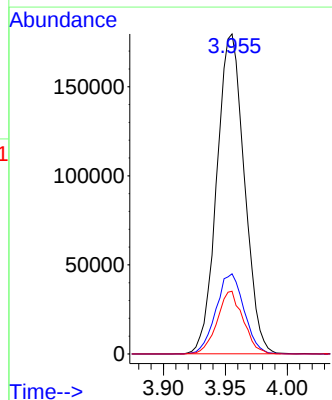
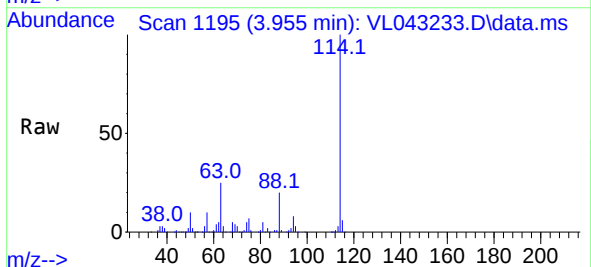
Instrument :
MSVOA_L
ClientSampleId :
VL1119ABL01

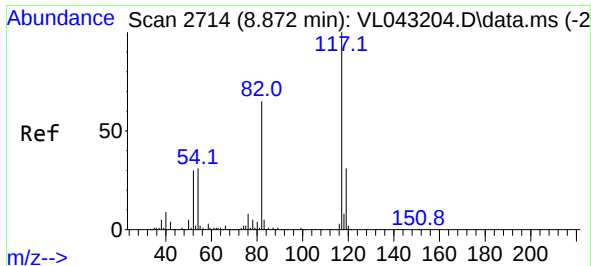
Tgt Ion: 49 Resp: 100515
Ion Ratio Lower Upper
49 100
128 51.6 23.0 69.0
130 67.4 29.9 89.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VL043233.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 114 Resp: 277905
Ion Ratio Lower Upper
114 100
63 25.7 21.0 31.6
88 18.5 14.9 22.3

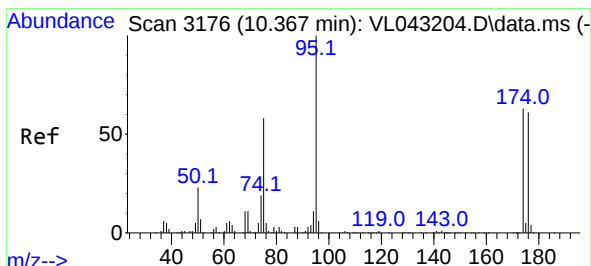
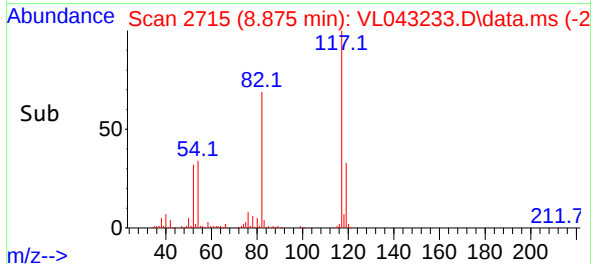
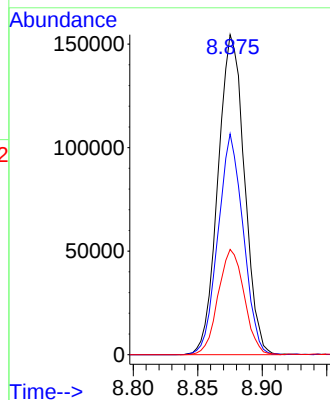
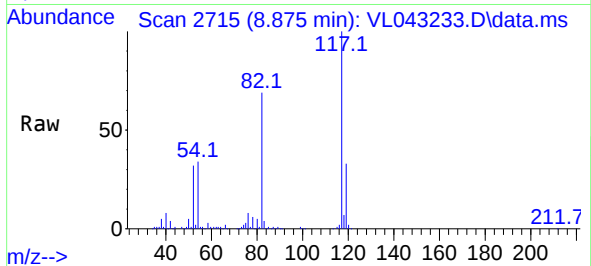




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043233.D
Acq: 19 Nov 2025 11:11

Instrument :
MSVOA_1
ClientSampleId :
VL1119ABL01

Tgt Ion:117 Resp: 219972
Ion Ratio Lower Upper
117 100
82 66.0 56.1 84.1
119 32.6 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.985 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL043233.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 95 Resp: 161002
Ion Ratio Lower Upper
95 100
174 66.0 50.2 75.2
175 4.9 4.1 6.1

