

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042310.D
 Acq On : 10 Apr 2025 15:54
 Operator : SY/MD
 Sample : CAN10607
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10607

Quant Time: Apr 11 01:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	162463	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	373188	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	319344	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	239632	9.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%

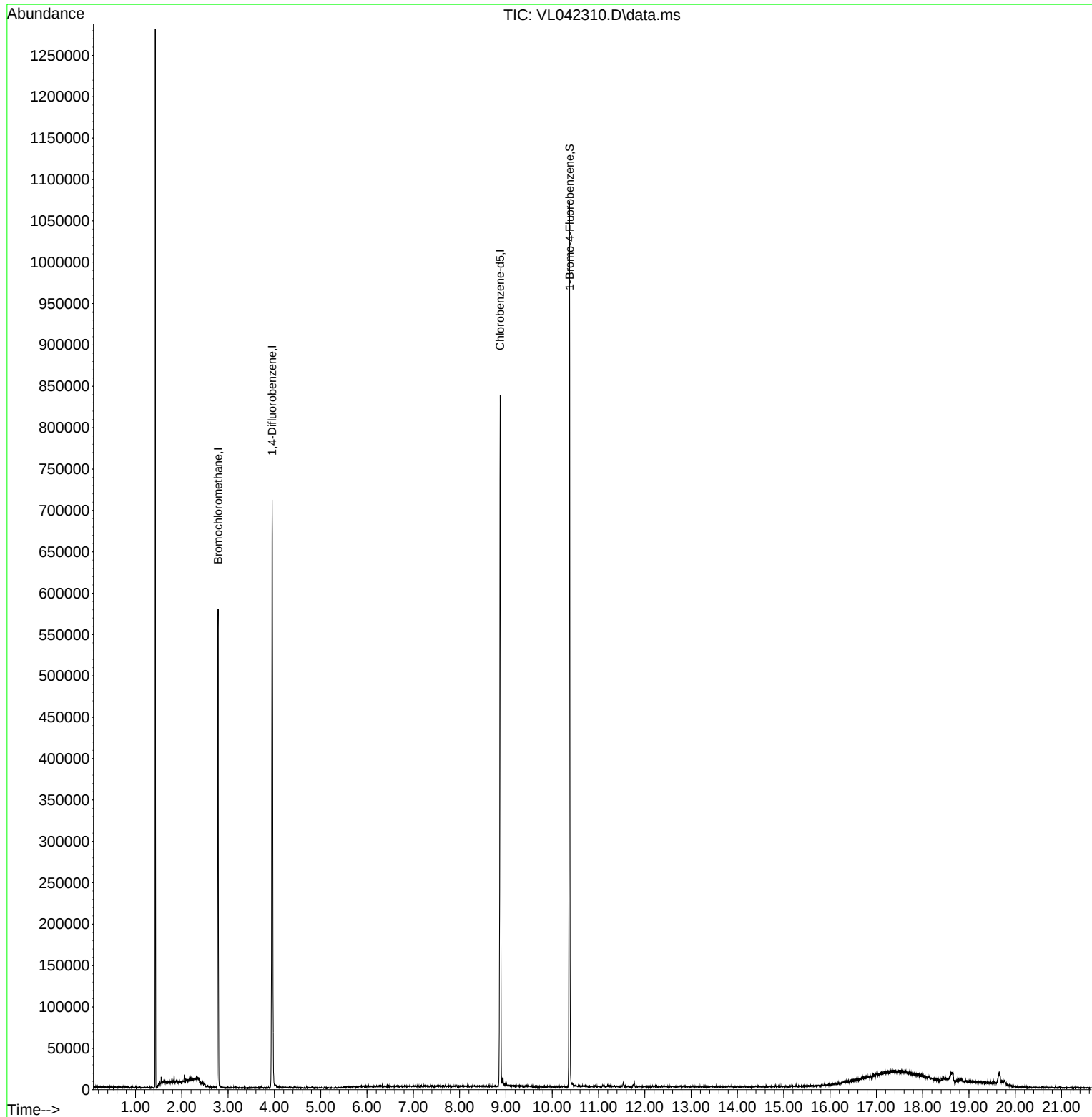
Target Compounds	Qvalue

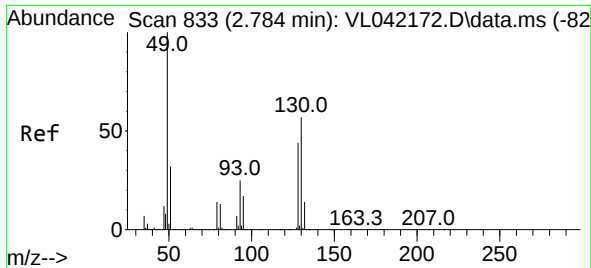
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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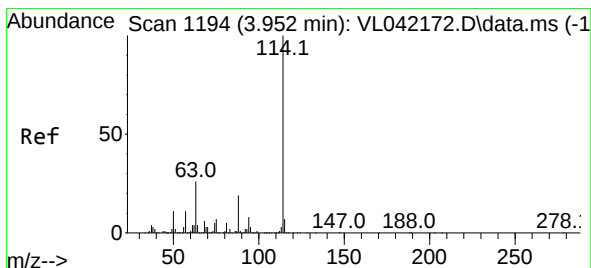
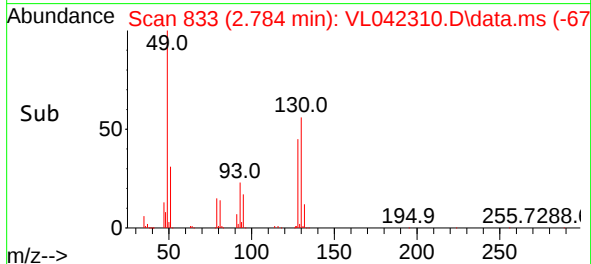
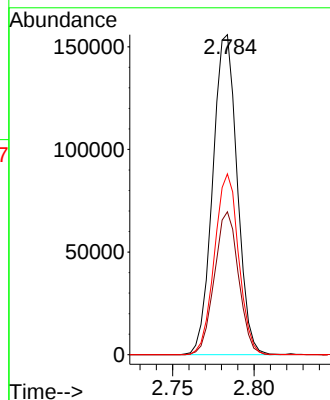
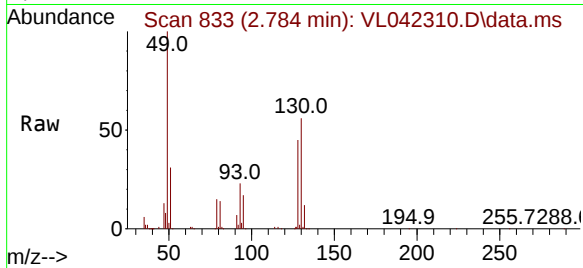




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

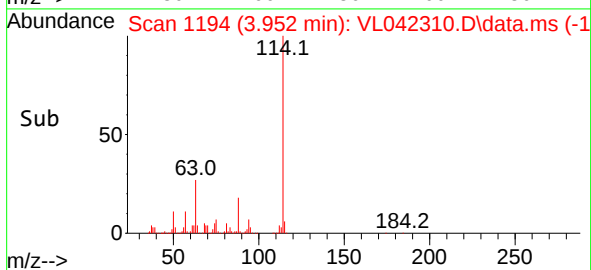
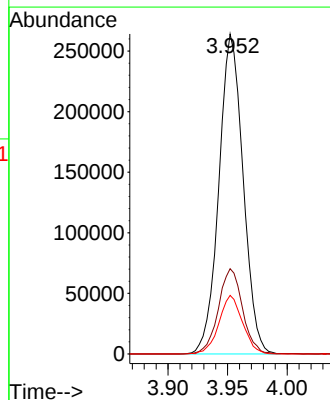
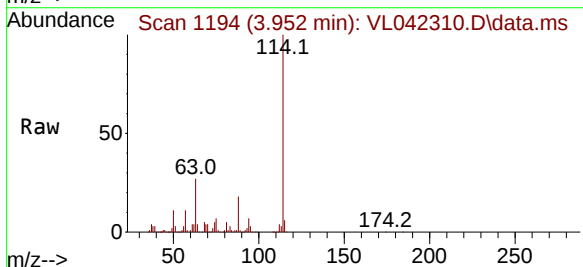
Instrument :
MSVOA_L
ClientSampleId :
CAN10607

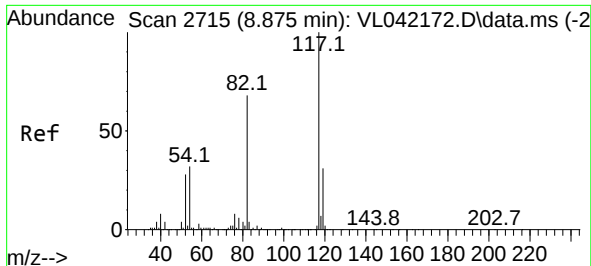
Tgt Ion: 49 Resp: 162463
Ion Ratio Lower Upper
49 100
128 44.1 22.9 68.5
130 55.9 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion: 114 Resp: 373188
Ion Ratio Lower Upper
114 100
63 26.7 20.7 31.1
88 17.8 15.0 22.4

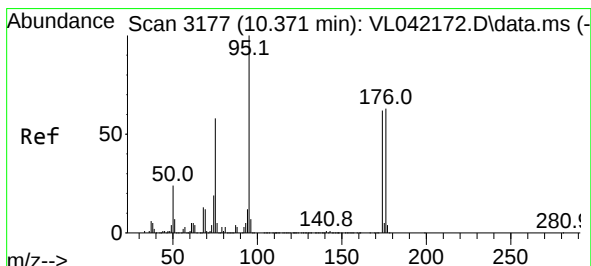
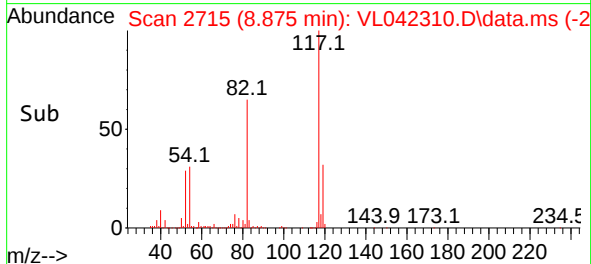
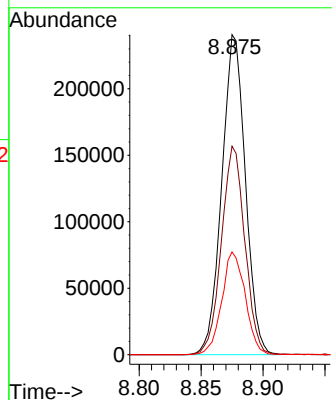
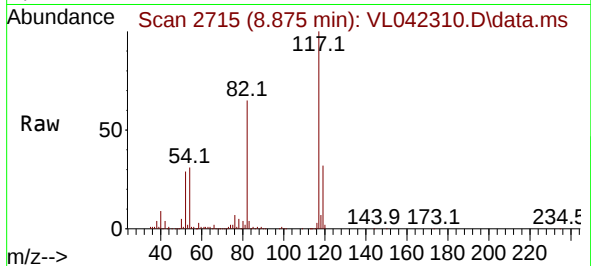




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

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Tgt Ion:117 Resp: 319344
Ion Ratio Lower Upper
117 100
82 64.8 55.8 83.6
119 32.1 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.138 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.003 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion: 95 Resp: 239632
Ion Ratio Lower Upper
95 100
174 63.8 50.6 76.0
175 4.6 3.8 5.6

