

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042218.D
 Acq On : 04 Apr 2025 10:44
 Operator : SY/MD
 Sample : QC040325 CAN 10401
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040325 CAN 10401

Quant Time: Apr 05 02:00:27 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	2.787	49	182567	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	493389	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	442652	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	346407	9.529	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%

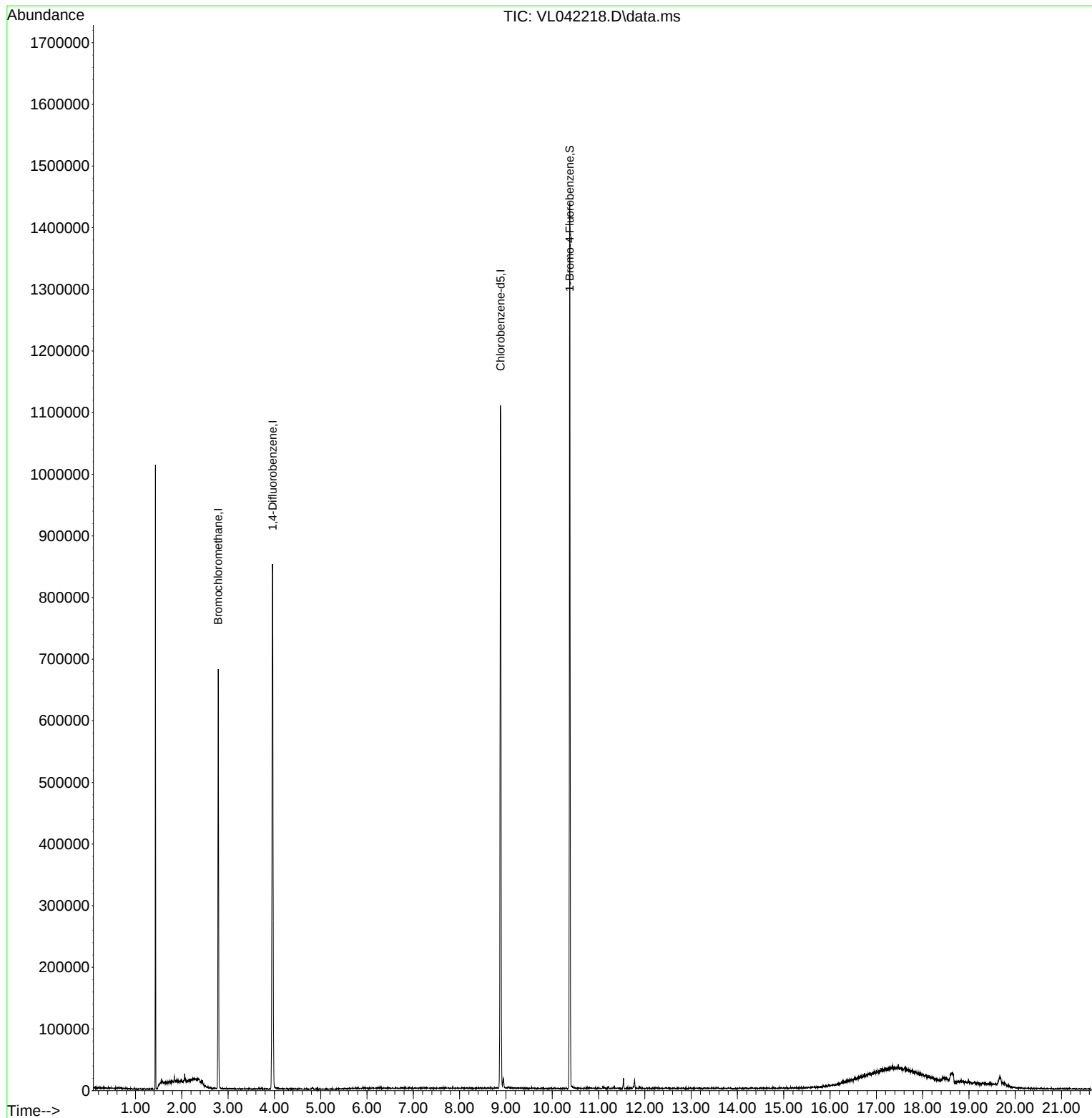
Target Compounds	Qvalue

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

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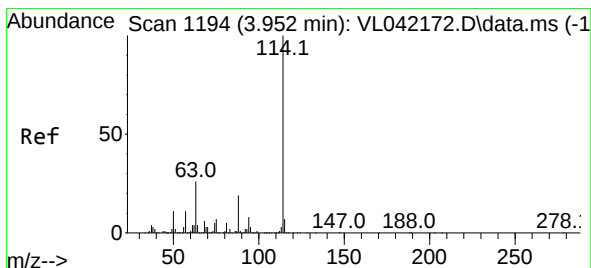
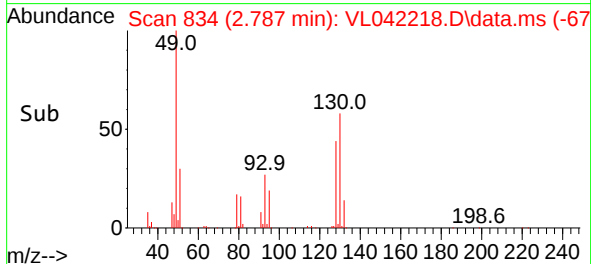
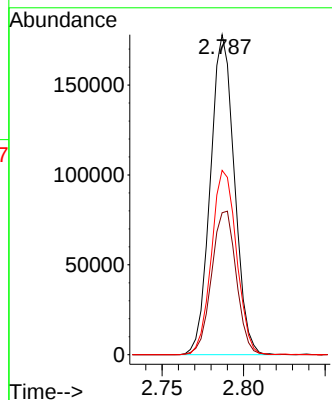
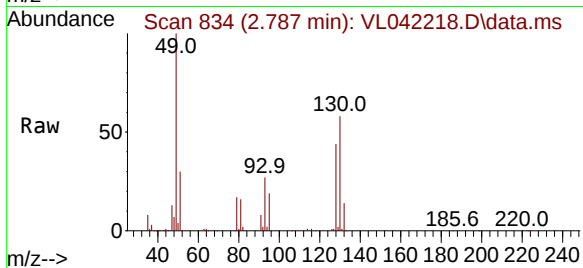




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042218.D
Acq: 04 Apr 2025 10:44

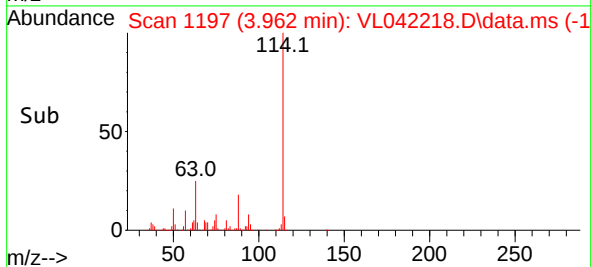
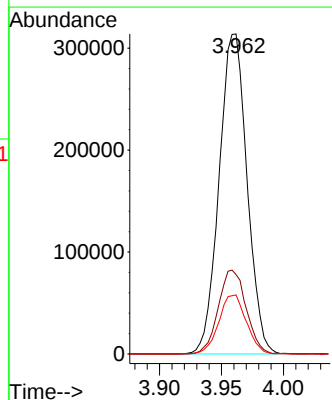
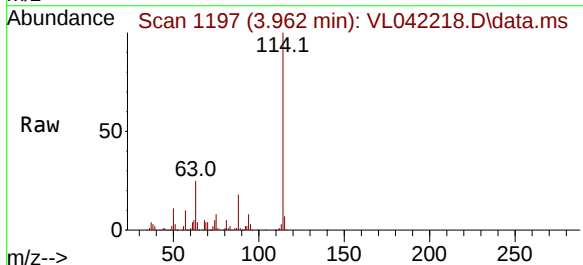
Instrument :
MSVOA_L
ClientSampleId :
QC040325 CAN 10401

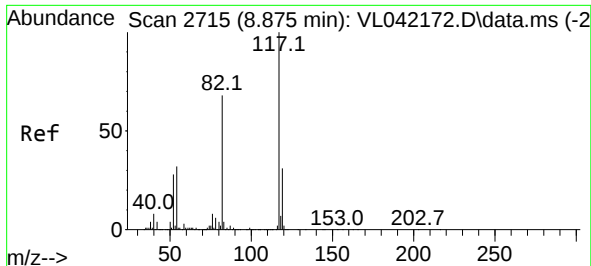
Tgt Ion: 49 Resp: 182567
Ion Ratio Lower Upper
49 100
128 46.2 22.9 68.5
130 60.0 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.009 min
Lab File: VL042218.D
Acq: 04 Apr 2025 10:44

Tgt Ion: 114 Resp: 493389
Ion Ratio Lower Upper
114 100
63 26.2 20.7 31.1
88 18.2 15.0 22.4

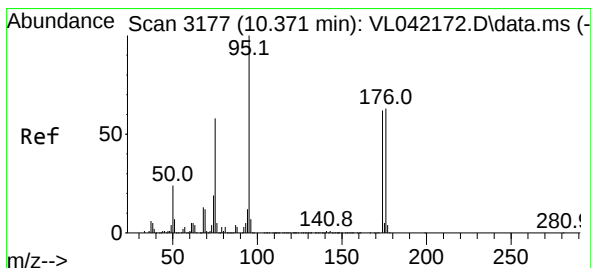
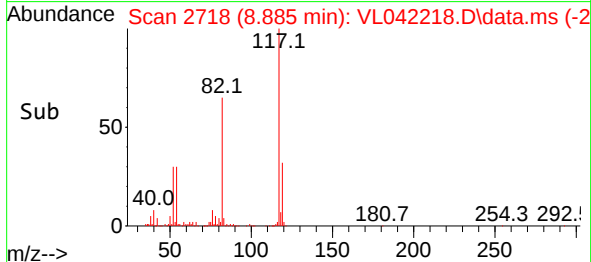
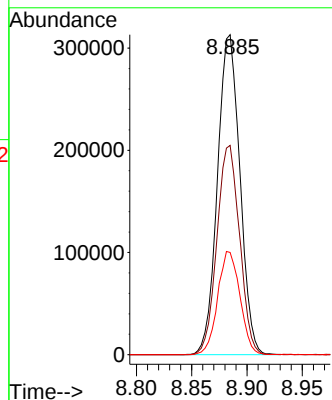
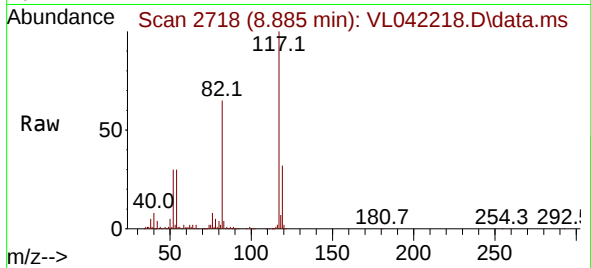




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042218.D
Acq: 04 Apr 2025 10:44

Instrument :
MSVOA_L
ClientSampleId :
QC040325 CAN 10401

Tgt Ion: 117 Resp: 442652
Ion Ratio Lower Upper
117 100
82 66.0 55.8 83.6
119 32.0 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.529 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042218.D
Acq: 04 Apr 2025 10:44

Tgt Ion: 95 Resp: 346407
Ion Ratio Lower Upper
95 100
174 60.6 50.6 76.0
175 4.5 3.8 5.6

