

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040225\
 Data File : VL042213.D
 Acq On : 02 Apr 2025 12:03
 Operator : SY/MD
 Sample : QC040125 CAN 10258
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040125 CAN 10258

Quant Time: Apr 03 01:43:02 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	2.781	49	178900	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	496734	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	449065	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	354699	9.618	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%

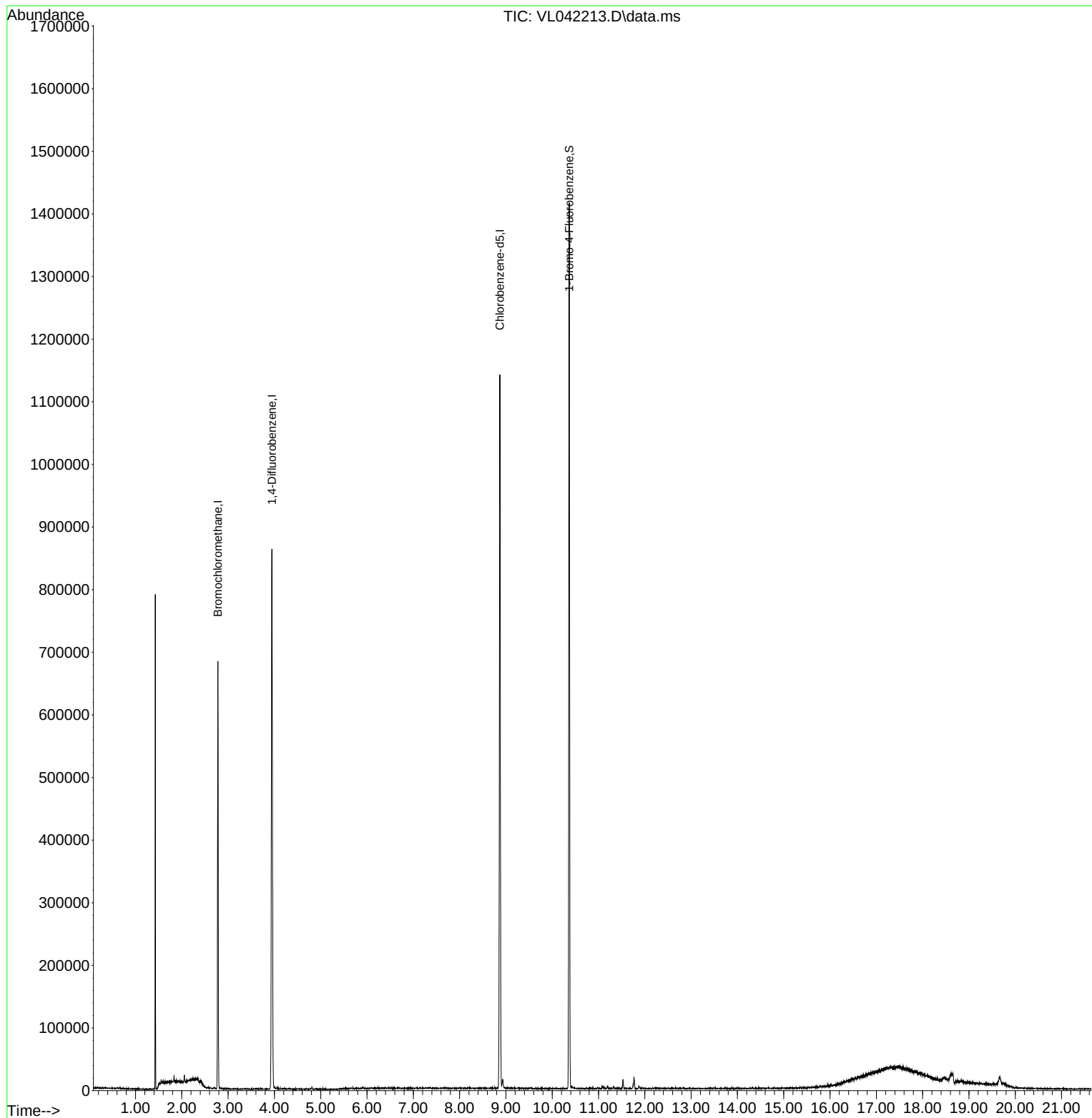
Target Compounds	Qvalue

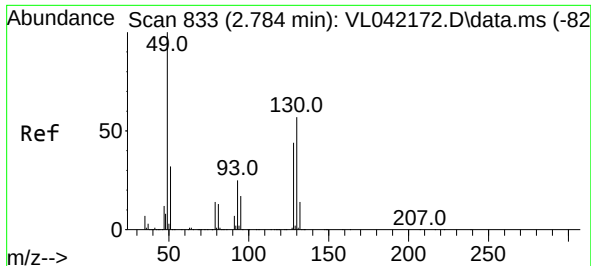
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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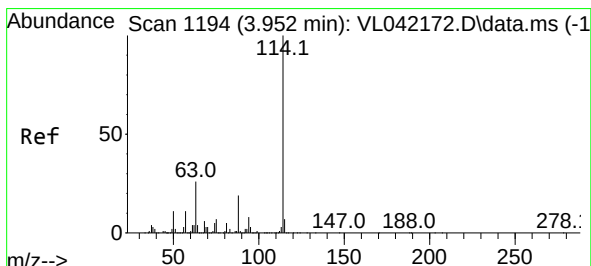
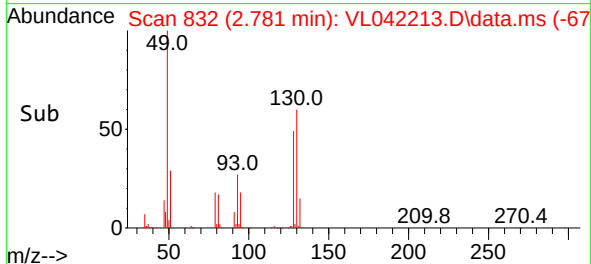
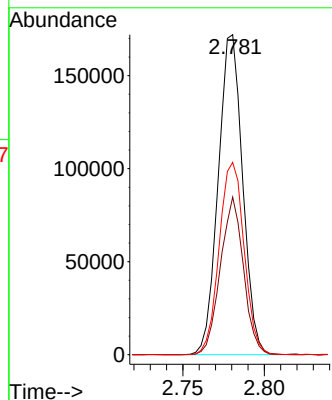
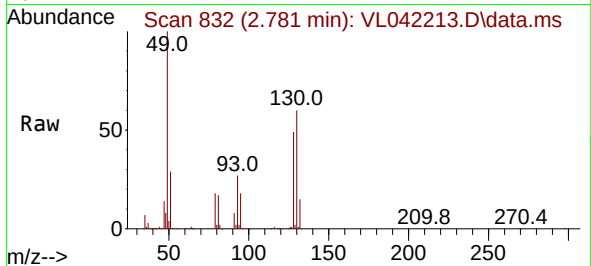




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042213.D
Acq: 02 Apr 2025 12:03

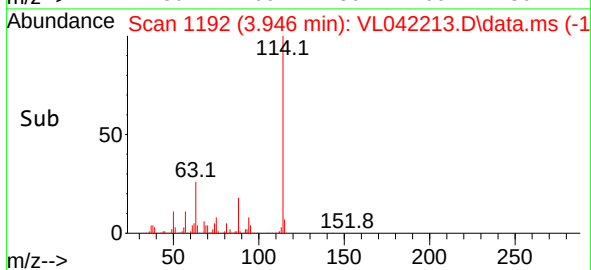
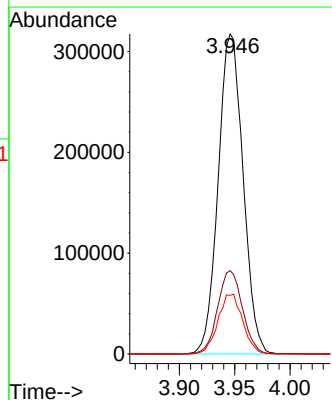
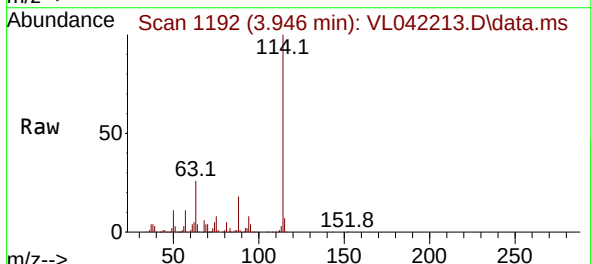
Instrument :
MSVOA_L
ClientSampleId :
QC040125 CAN 10258

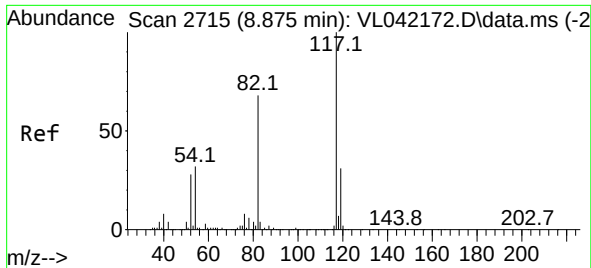
Tgt Ion: 49 Resp: 178900
Ion Ratio Lower Upper
49 100
128 46.6 22.9 68.5
130 61.5 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. -0.007 min
Lab File: VL042213.D
Acq: 02 Apr 2025 12:03

Tgt Ion: 114 Resp: 496734
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 18.5 15.0 22.4

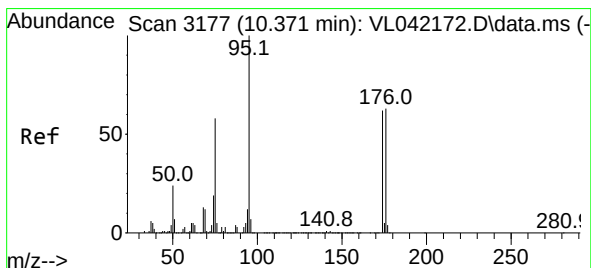
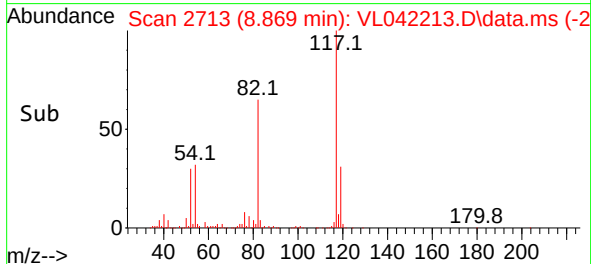
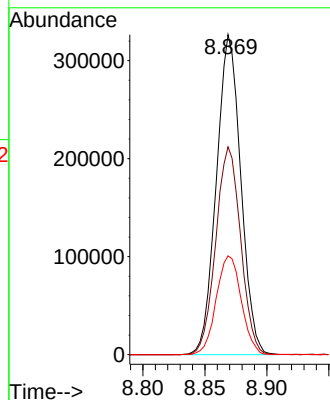
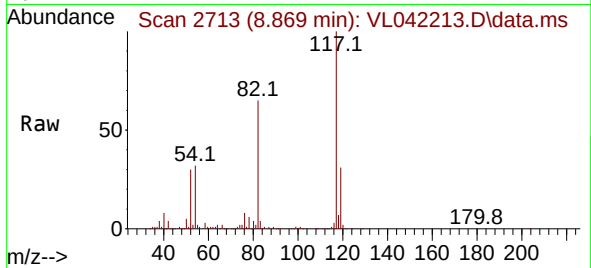




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042213.D
Acq: 02 Apr 2025 12:03

Instrument :
MSVOA_1
ClientSampleId :
QC040125 CAN 10258

Tgt Ion:117 Resp: 449065
Ion Ratio Lower Upper
117 100
82 66.2 55.8 83.6
119 31.7 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.618 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.007 min
Lab File: VL042213.D
Acq: 02 Apr 2025 12:03

Tgt Ion: 95 Resp: 354699
Ion Ratio Lower Upper
95 100
174 59.6 50.6 76.0
175 4.5 3.8 5.6

