

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042217.D
 Acq On : 04 Apr 2025 10:13
 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 05 02:00:05 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	2.790	49	183378	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	501262	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	446987	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	346584	9.442	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%

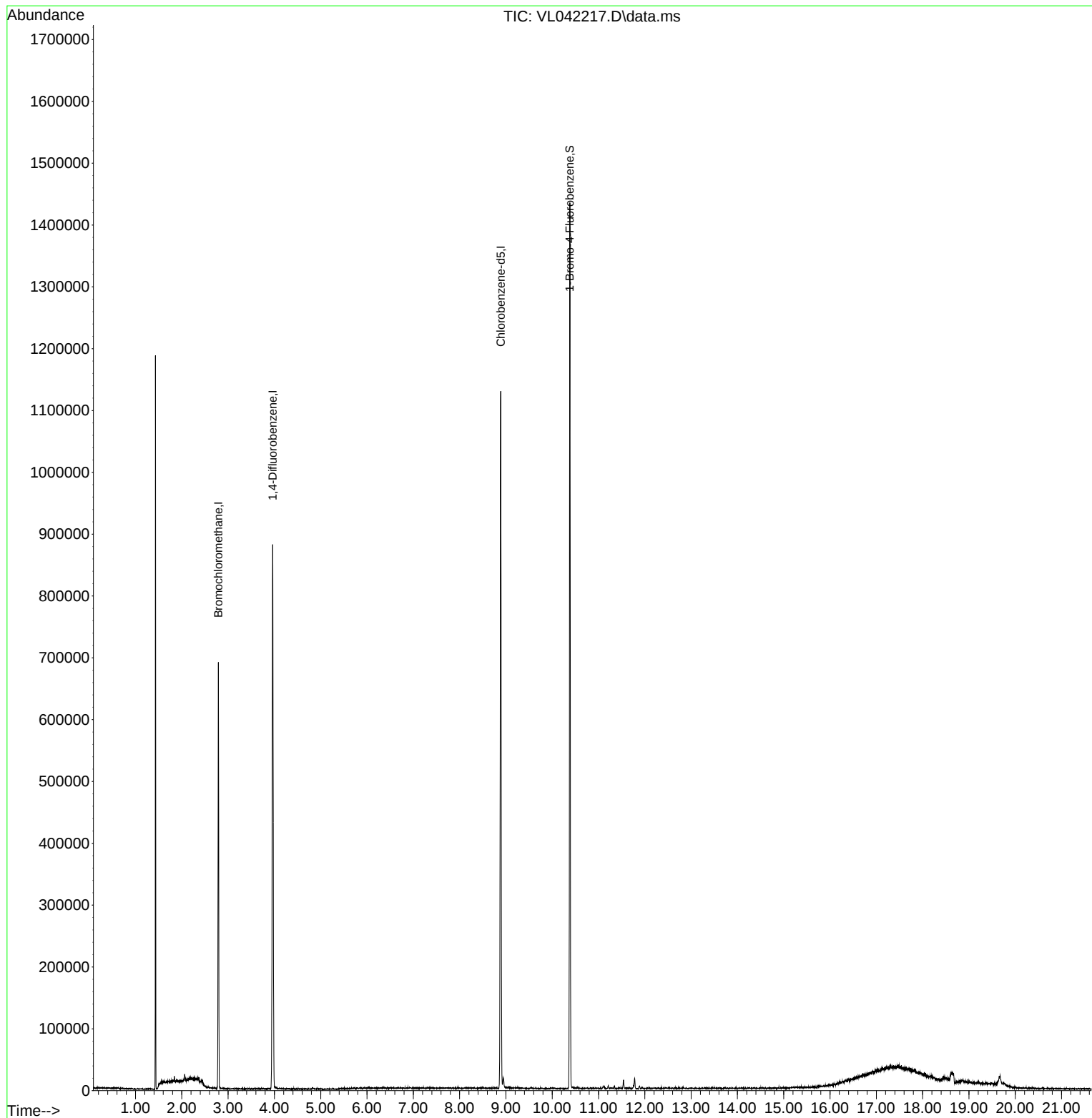
Target Compounds	Qvalue

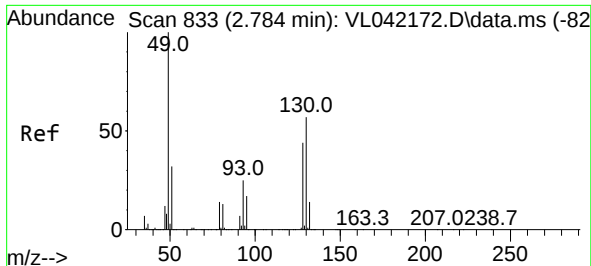
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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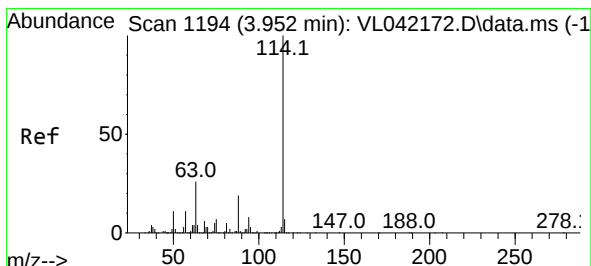
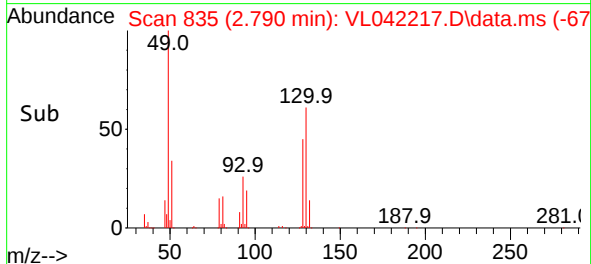
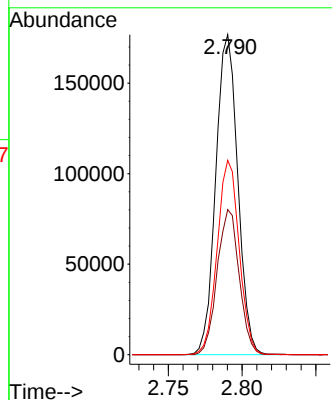
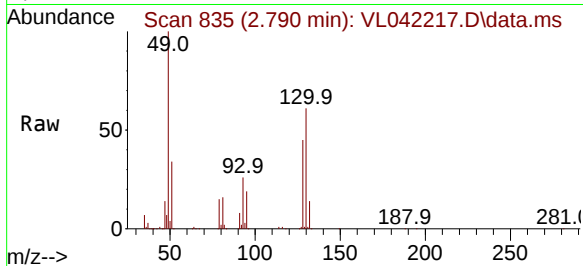




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042217.D
 Acq: 04 Apr 2025 10:13

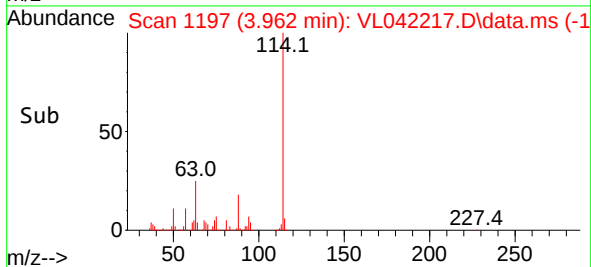
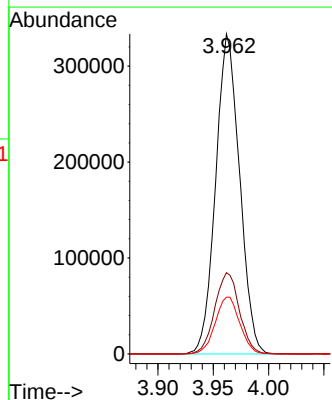
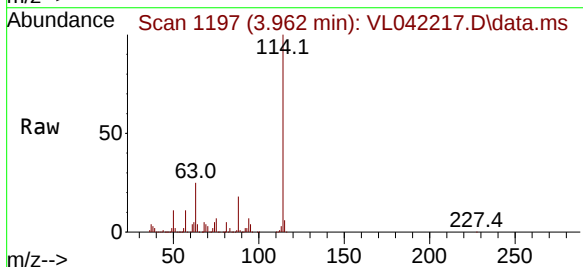
Instrument :
 MSVOA_L
 ClientSampleId :
 QC040125 CAN 10258

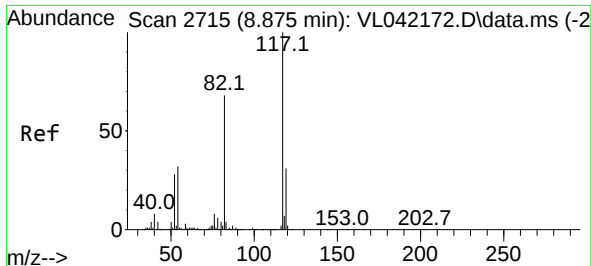
Tgt Ion: 49 Resp: 183378
 Ion Ratio Lower Upper
 49 100
 128 45.5 22.9 68.5
 130 60.7 28.8 86.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.010 min
 Lab File: VL042217.D
 Acq: 04 Apr 2025 10:13

Tgt Ion: 114 Resp: 501262
 Ion Ratio Lower Upper
 114 100
 63 26.2 20.7 31.1
 88 18.2 15.0 22.4

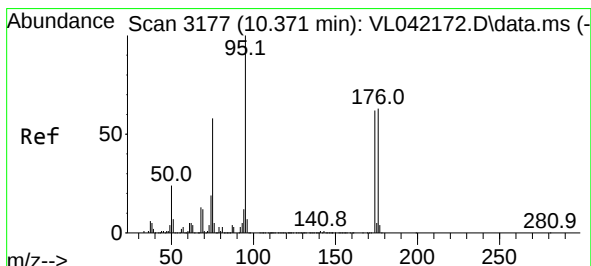
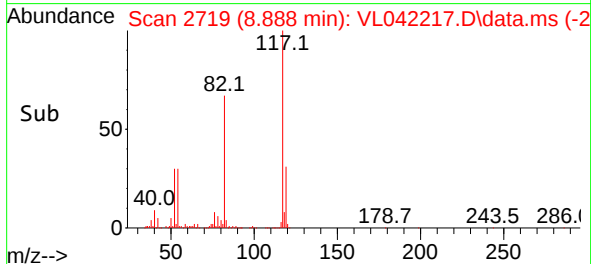
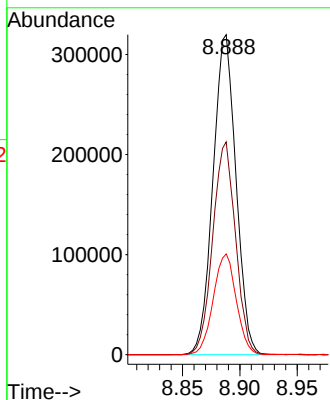
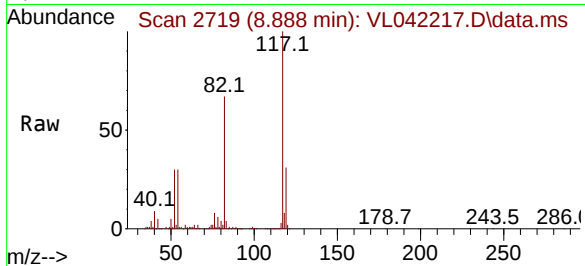




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042217.D
Acq: 04 Apr 2025 10:13

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Tgt Ion:117 Resp: 446987
Ion Ratio Lower Upper
117 100
82 65.9 55.8 83.6
119 31.5 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.442 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL042217.D
Acq: 04 Apr 2025 10:13

Tgt Ion: 95 Resp: 346584
Ion Ratio Lower Upper
95 100
174 60.2 50.6 76.0
175 4.5 3.8 5.6

