

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
 Data File : VL042645.D
 Acq On : 17 Jun 2025 13:27
 Operator : SY/MD
 Sample : QC041825 CAN33628
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN33628

Quant Time: Jun 18 04:24:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	102838	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	260314	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	228230	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	172608	10.089	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

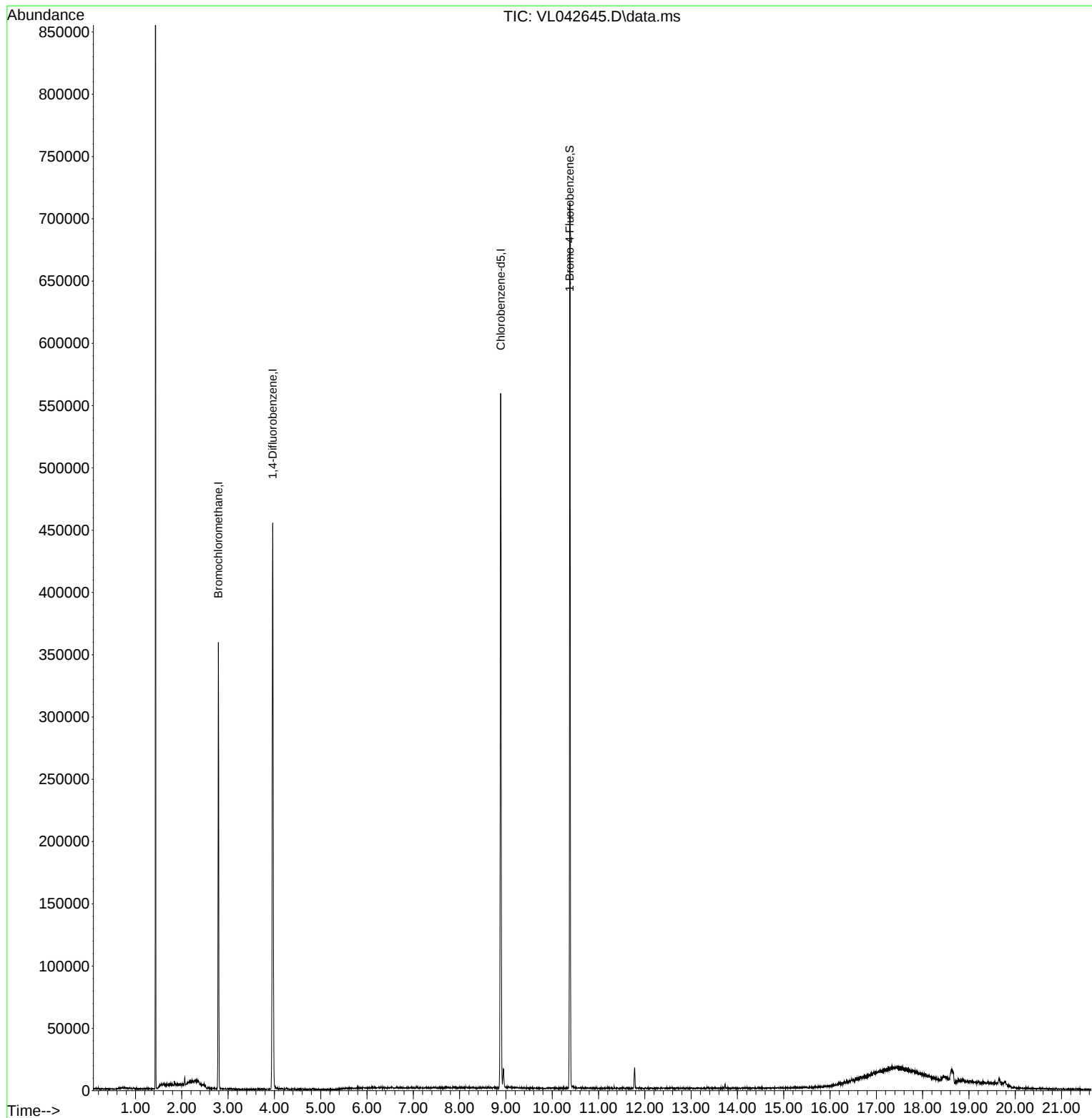
Target Compounds	Qvalue

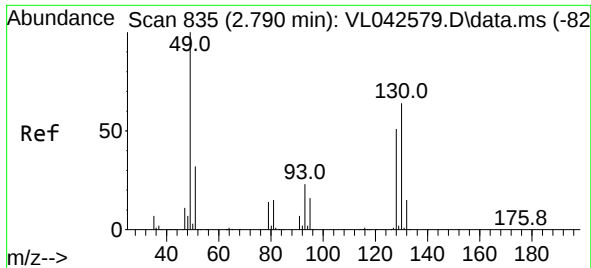
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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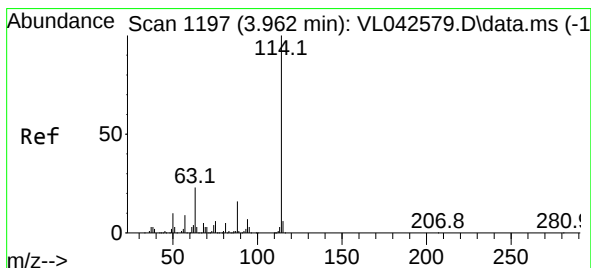
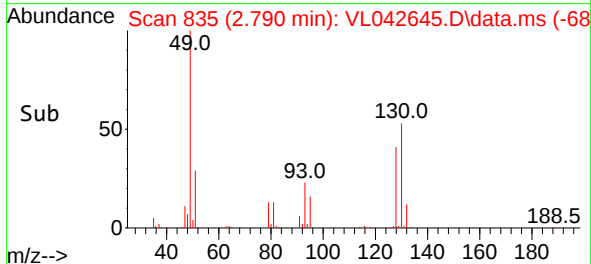
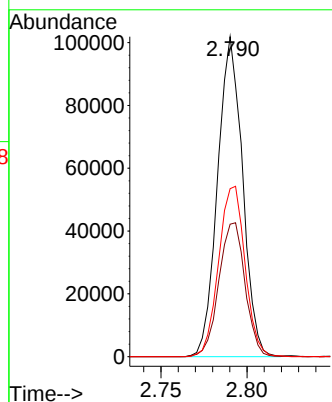
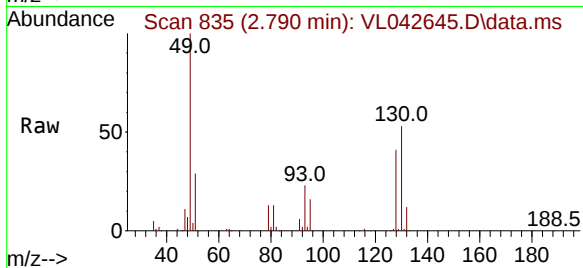




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

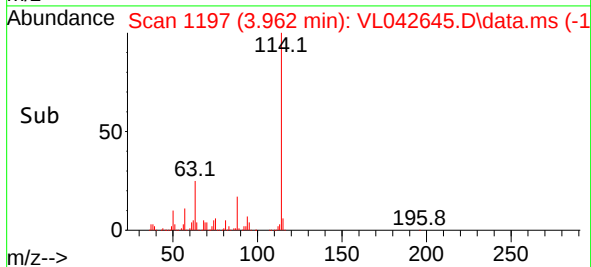
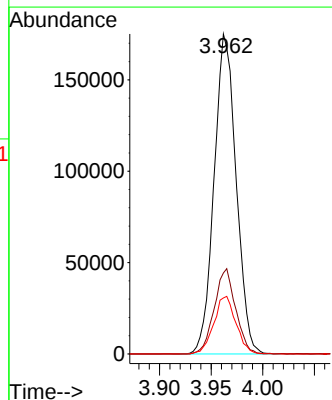
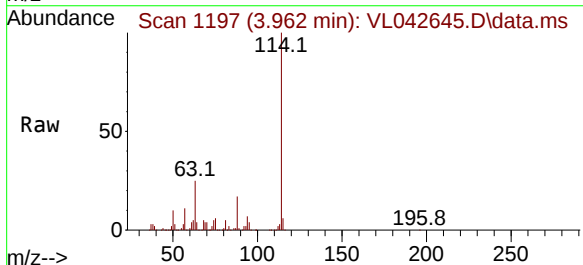
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN33628

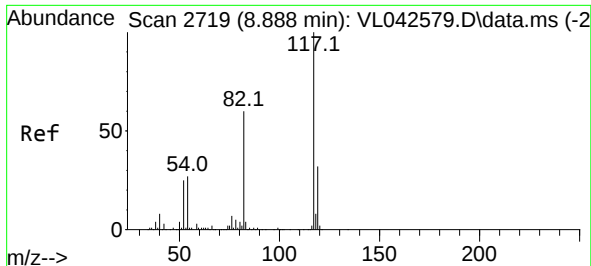
Tgt Ion: 49 Resp: 102838
Ion Ratio Lower Upper
49 100
128 44.0 24.2 72.6
130 56.3 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

Tgt Ion: 114 Resp: 260314
Ion Ratio Lower Upper
114 100
63 25.9 19.0 28.6
88 18.1 13.6 20.4

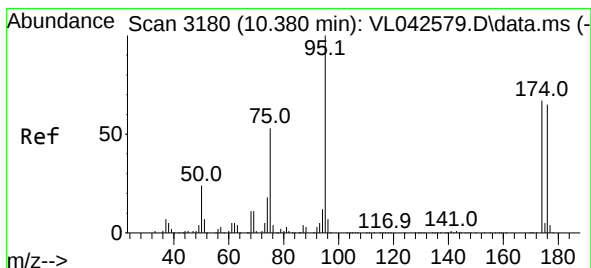
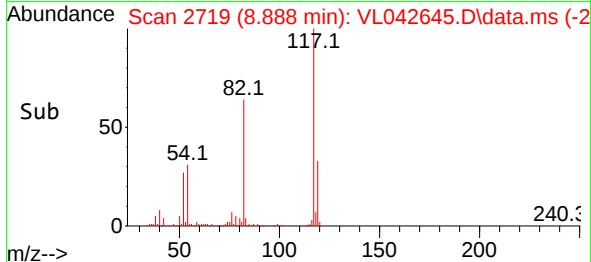
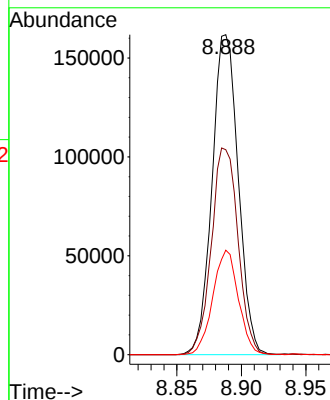
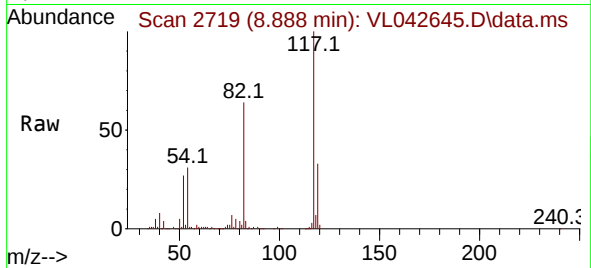




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.888 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VL042645.D
 Acq: 17 Jun 2025 13:27

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN33628

Tgt Ion:117 Resp: 228230
 Ion Ratio Lower Upper
 117 100
 82 66.0 51.2 76.8
 119 32.1 26.3 39.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.089 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL042645.D
 Acq: 17 Jun 2025 13:27

Tgt Ion: 95 Resp: 172608
 Ion Ratio Lower Upper
 95 100
 174 61.9 53.1 79.7
 175 4.6 4.2 6.2

