

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042639.D
 Acq On : 16 Jun 2025 20:56
 Operator : SY/MD
 Sample : QC041825 CAN 33628
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN 33628

Quant Time: Jun 17 03:10:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	96005	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	247428	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	220086	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	169376	10.266	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

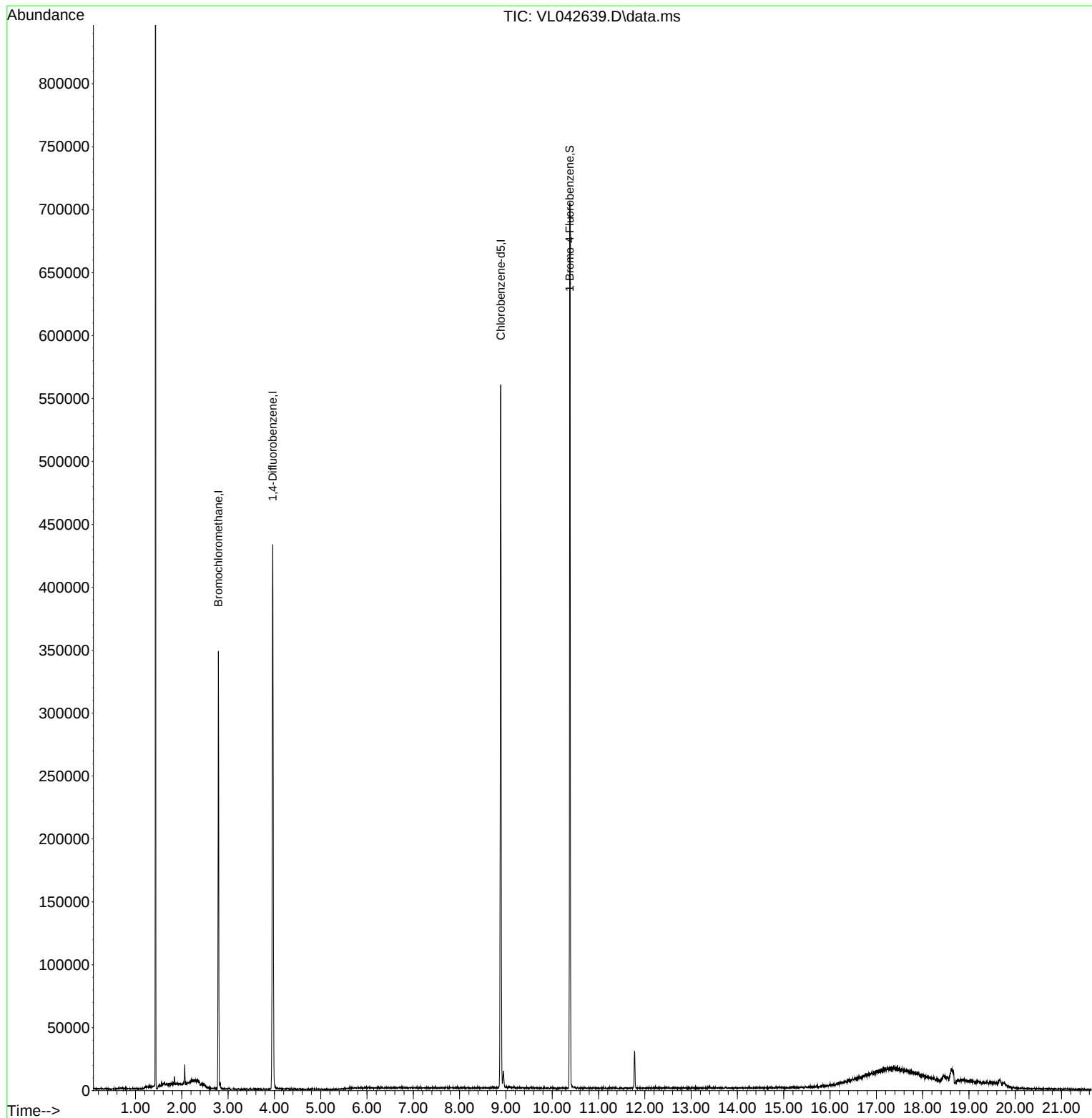
Target Compounds	Qvalue

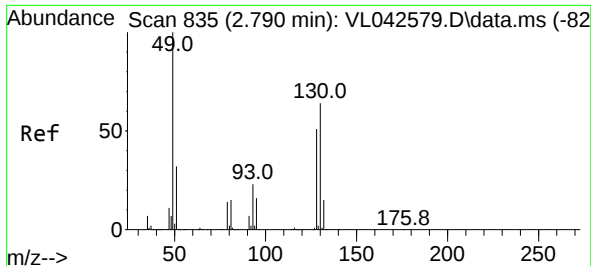
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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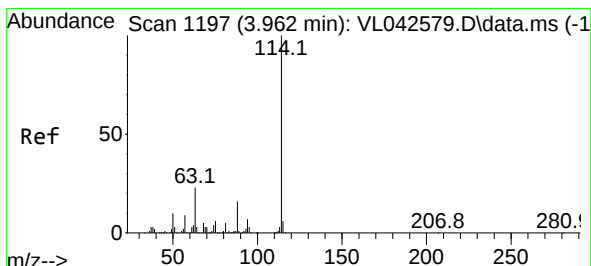
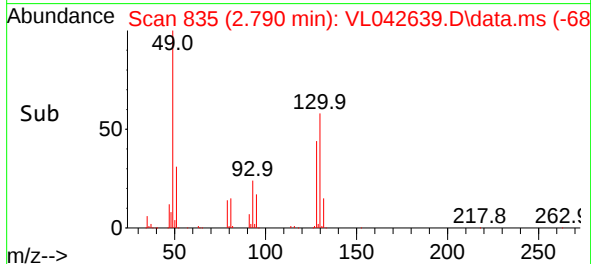
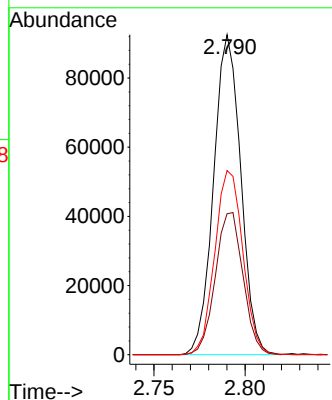
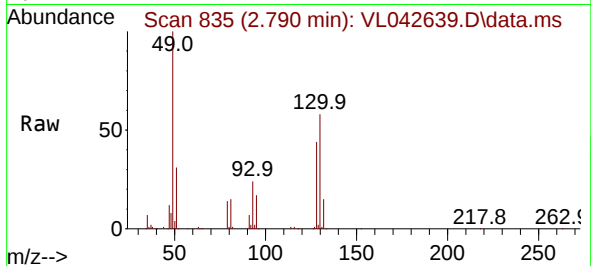




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042639.D
Acq: 16 Jun 2025 20:56

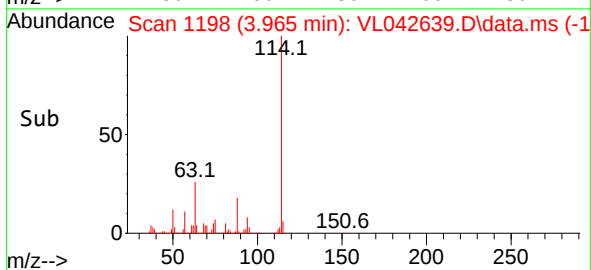
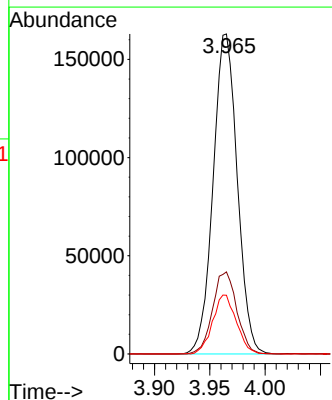
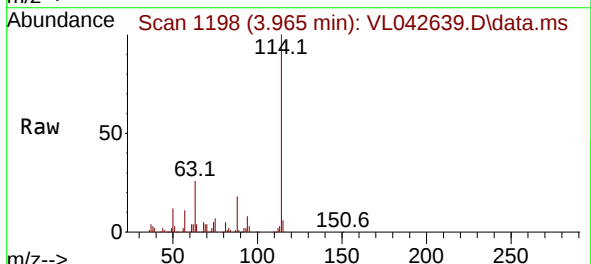
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

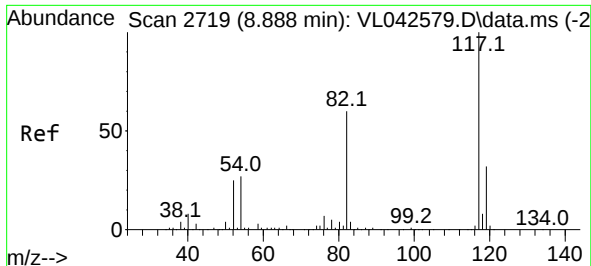
Tgt Ion: 49 Resp: 96005
Ion Ratio Lower Upper
49 100
128 45.4 24.2 72.6
130 59.6 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL042639.D
Acq: 16 Jun 2025 20:56

Tgt Ion: 114 Resp: 247428
Ion Ratio Lower Upper
114 100
63 25.7 19.0 28.6
88 18.1 13.6 20.4

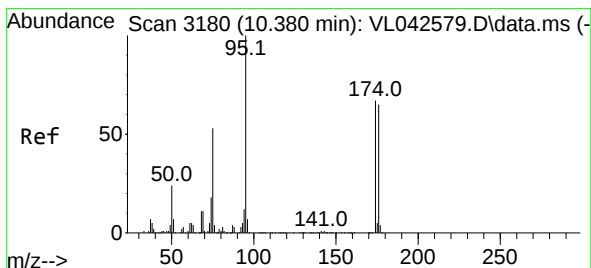
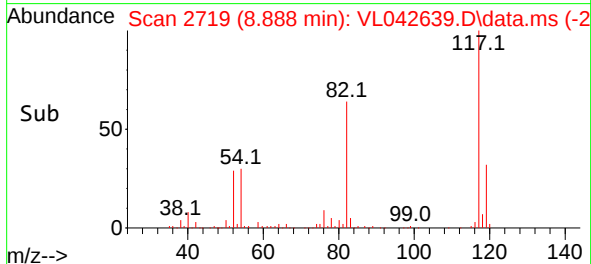
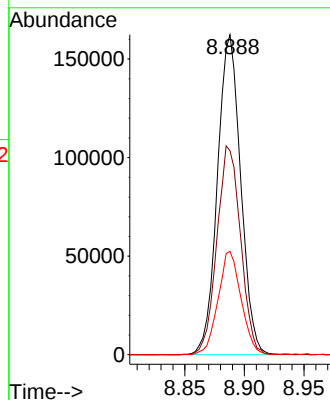
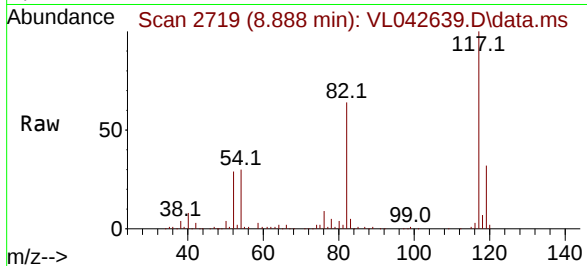




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042639.D
Acq: 16 Jun 2025 20:56

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 220086
Ion Ratio Lower Upper
117 100
82 66.5 51.2 76.8
119 32.2 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.266 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VL042639.D
Acq: 16 Jun 2025 20:56

Tgt Ion: 95 Resp: 169376
Ion Ratio Lower Upper
95 100
174 62.1 53.1 79.7
175 4.6 4.2 6.2

