

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042492.D
 Acq On : 06 May 2025 12:19
 Operator : SY/MD
 Sample : QC042225 CAN 10669
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042225 CAN 10669

Quant Time: May 07 01:38:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	63187	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	172595	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	143665	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	131884	9.901	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

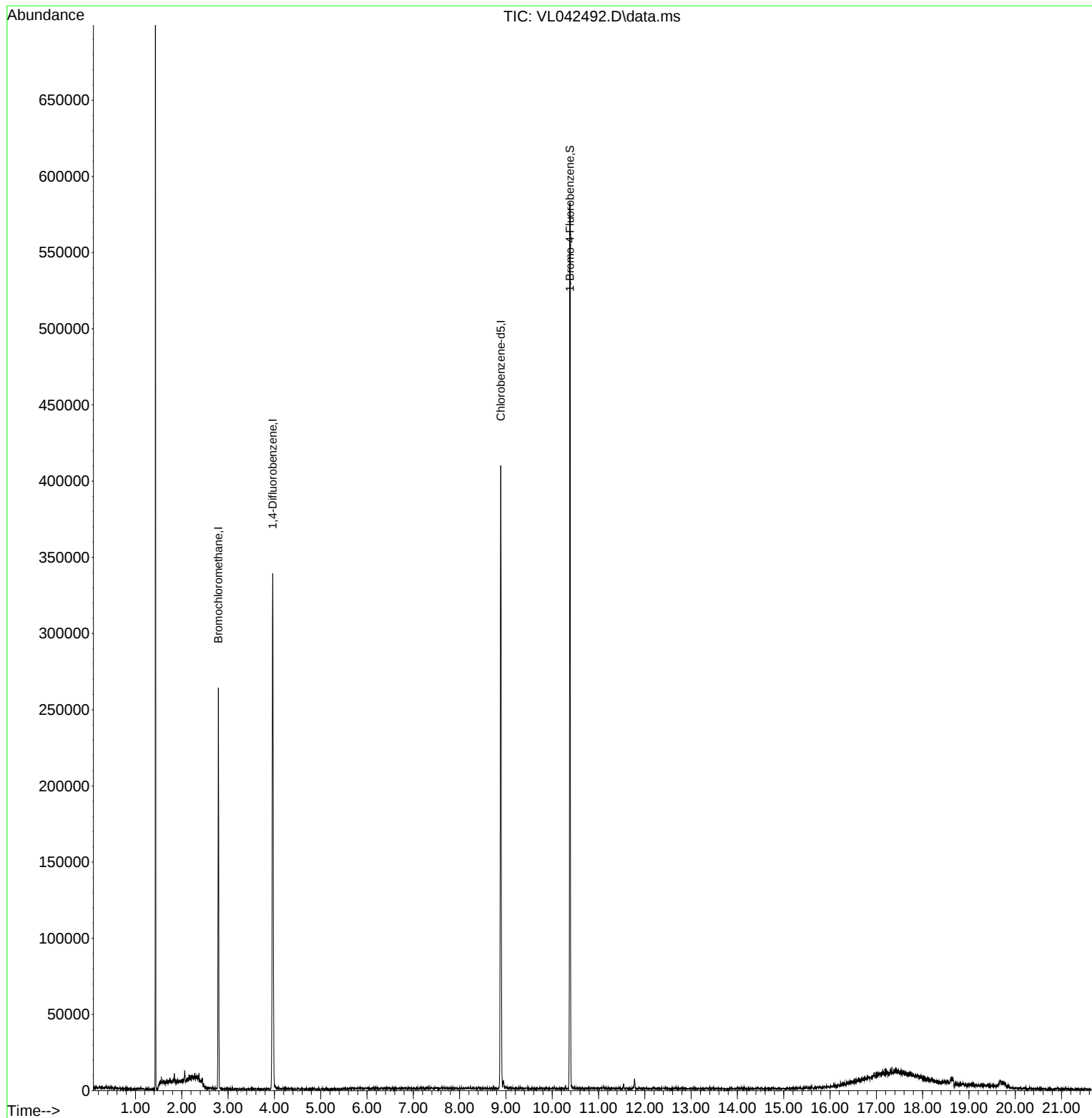
Target Compounds	Qvalue

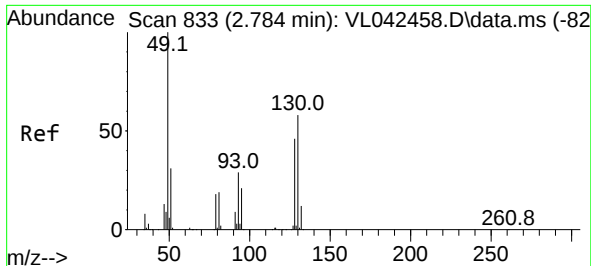
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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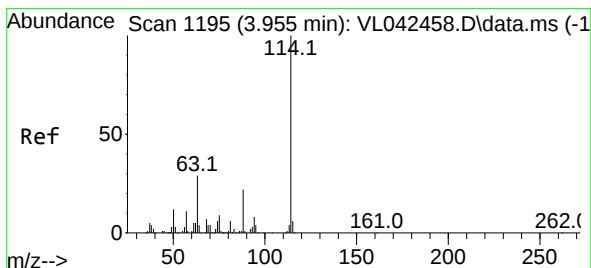
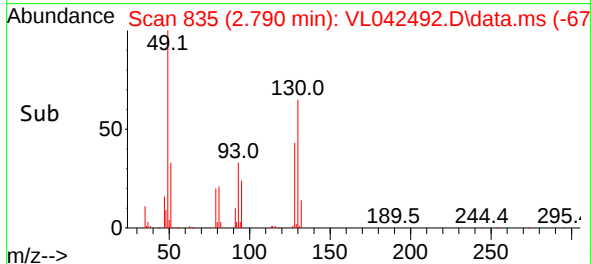
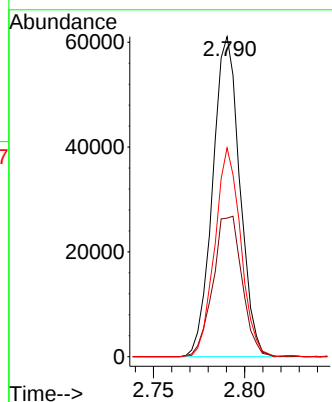
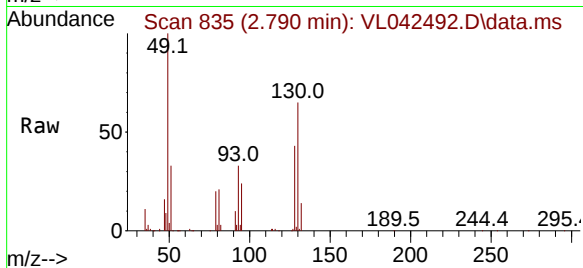




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042492.D
Acq: 06 May 2025 12:19

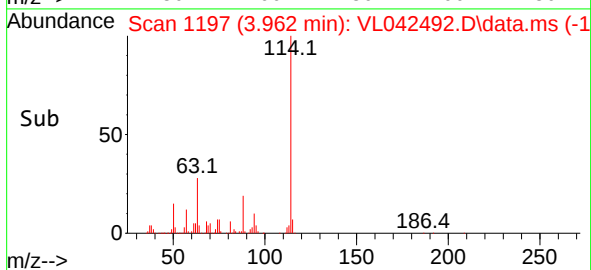
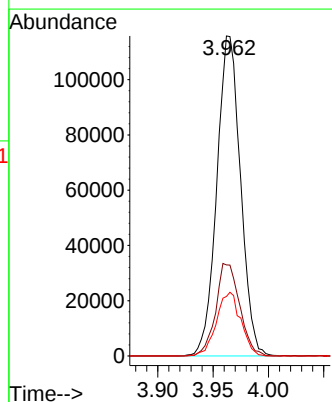
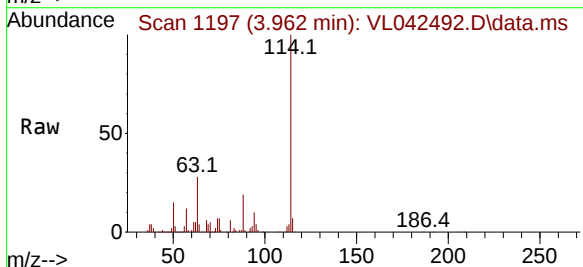
Instrument :
MSVOA_L
ClientSampleId :
QC042225 CAN 10669

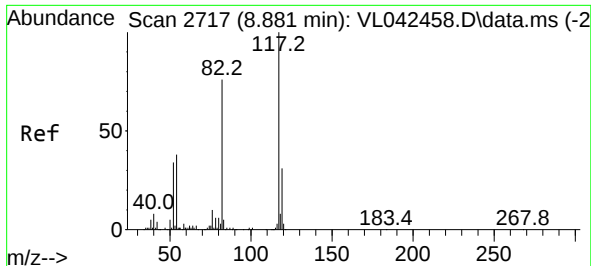
Tgt Ion: 49 Resp: 63187
Ion Ratio Lower Upper
49 100
128 47.1 23.3 69.9
130 62.5 29.5 88.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.007 min
Lab File: VL042492.D
Acq: 06 May 2025 12:19

Tgt Ion: 114 Resp: 172595
Ion Ratio Lower Upper
114 100
63 29.2 23.1 34.7
88 20.4 16.1 24.1

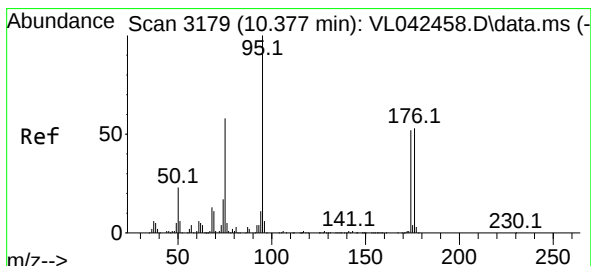
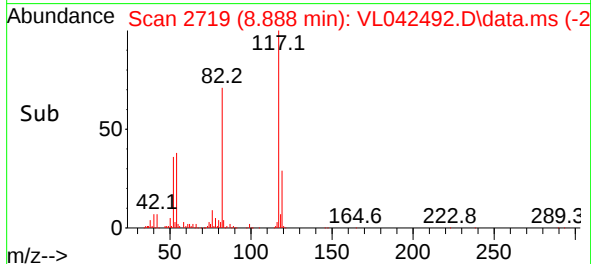
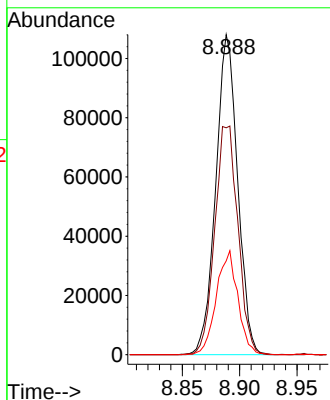
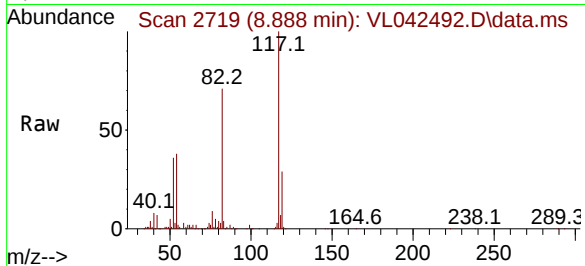




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042492.D
Acq: 06 May 2025 12:19

Instrument :
MSVOA_L
ClientSampleId :
QC042225 CAN 10669

Tgt Ion:117 Resp: 143665
Ion Ratio Lower Upper
117 100
82 75.5 63.5 95.3
119 31.9 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.901 ppbv
RT: 10.384 min Scan# 3181
Delta R.T. 0.007 min
Lab File: VL042492.D
Acq: 06 May 2025 12:19

Tgt Ion: 95 Resp: 131884
Ion Ratio Lower Upper
95 100
174 54.7 42.7 64.1
175 3.9 3.6 5.4

