

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042490.D
 Acq On : 06 May 2025 11:15
 Operator : SY/MD
 Sample : QC043025 CAN 10605
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC043025 CAN 10605

Quant Time: May 07 01:37:40 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	71310	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	187765	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	155591	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	140282	9.725	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%

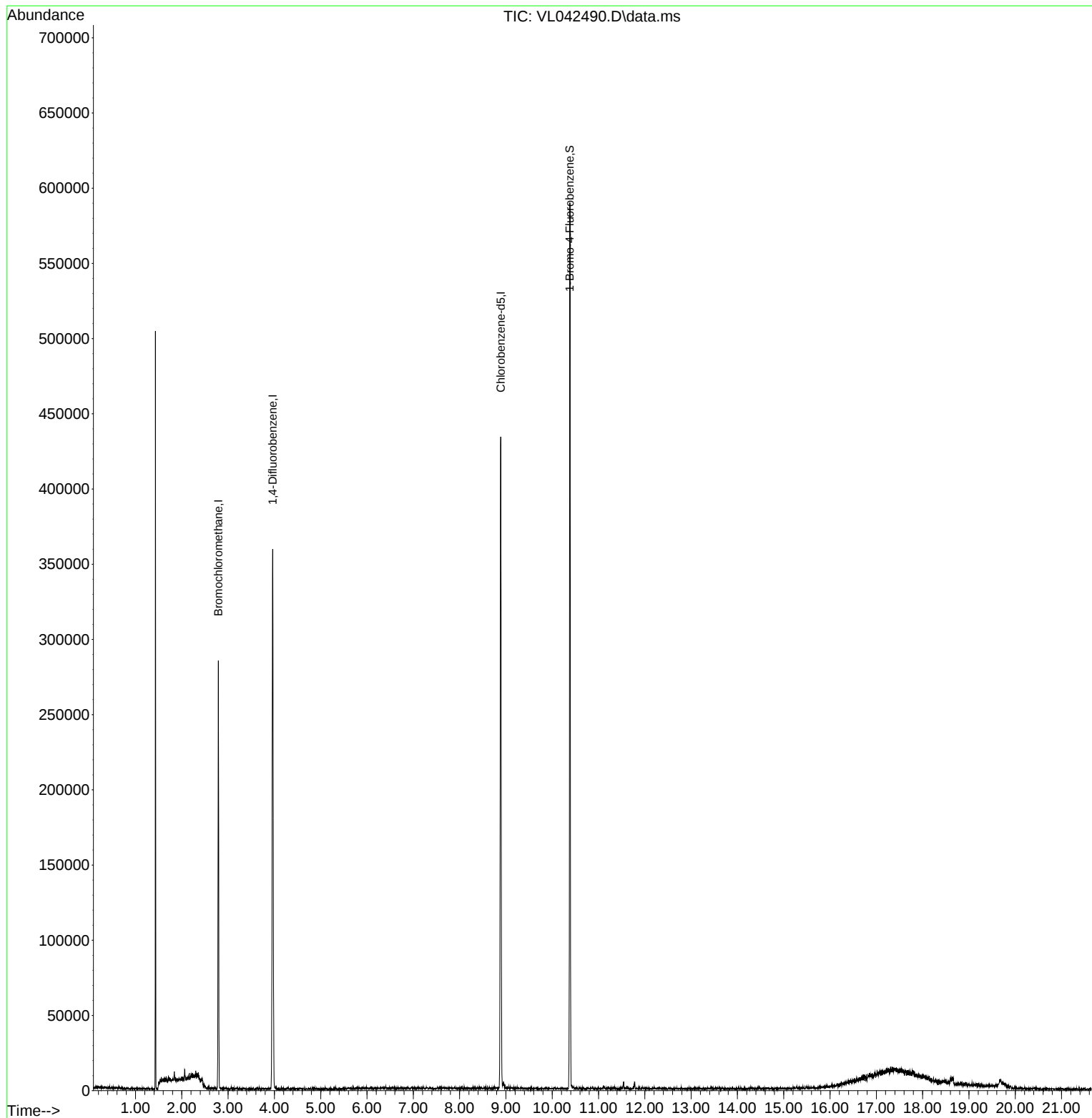
Target Compounds	Qvalue

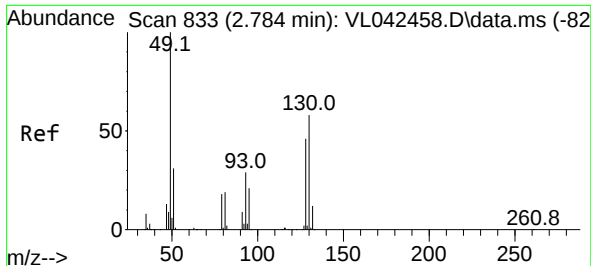
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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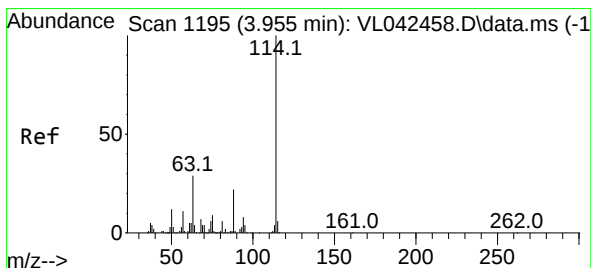
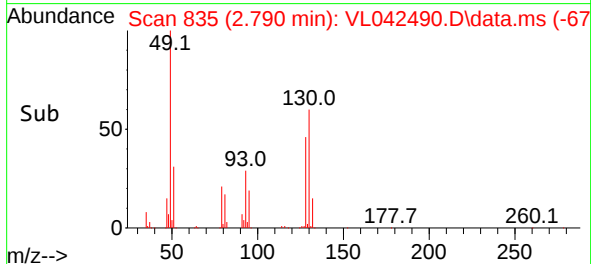
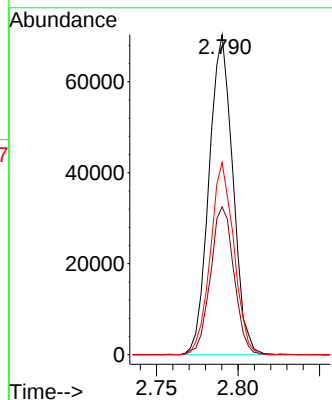
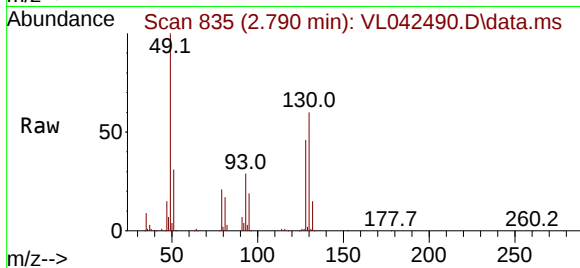




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042490.D
Acq: 06 May 2025 11:15

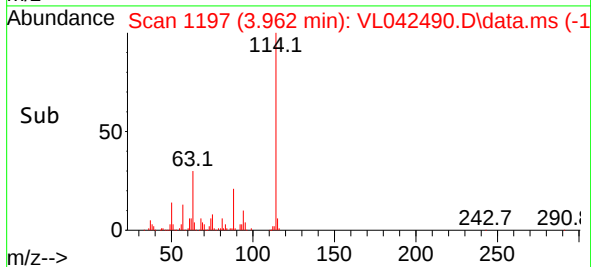
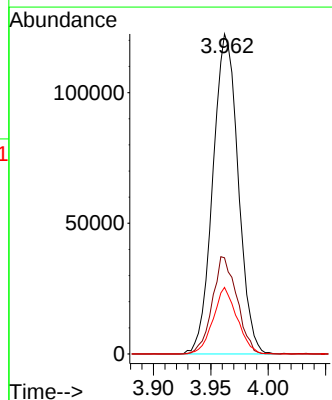
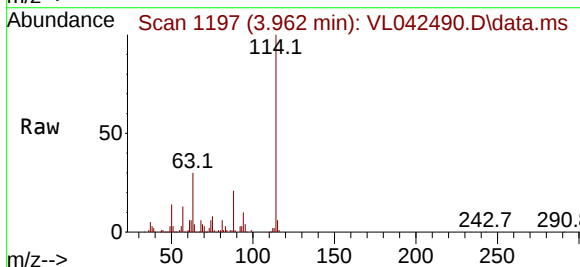
Instrument :
MSVOA_L
ClientSampleId :
QC043025 CAN 10605

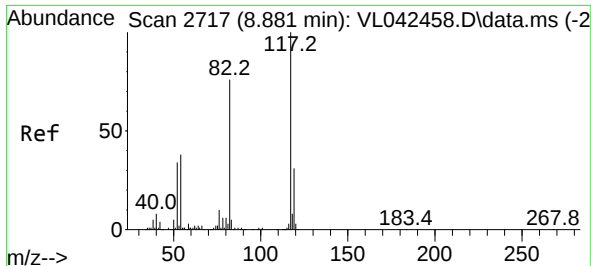
Tgt Ion: 49 Resp: 71310
Ion Ratio Lower Upper
49 100
128 45.9 23.3 69.9
130 59.3 29.5 88.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.007 min
Lab File: VL042490.D
Acq: 06 May 2025 11:15

Tgt Ion: 114 Resp: 187765
Ion Ratio Lower Upper
114 100
63 29.5 23.1 34.7
88 19.7 16.1 24.1

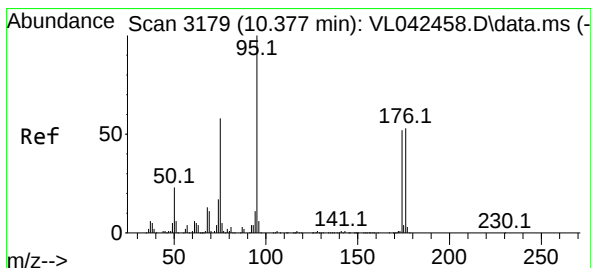
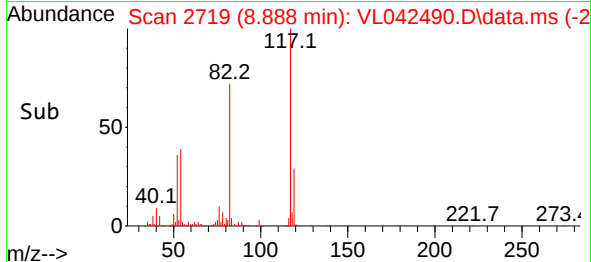
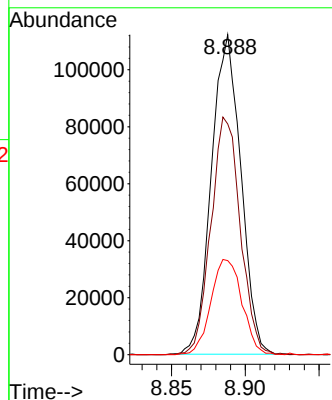
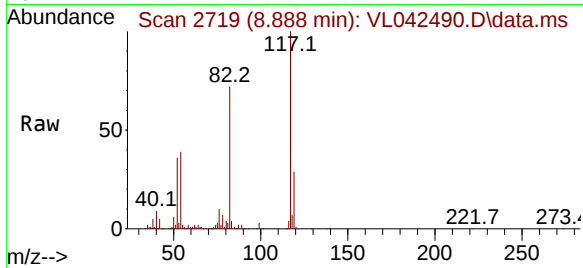




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042490.D
Acq: 06 May 2025 11:15

Instrument :
MSVOA_L
ClientSampleId :
QC043025 CAN 10605

Tgt Ion:117 Resp: 155591
Ion Ratio Lower Upper
117 100
82 74.3 63.5 95.3
119 31.6 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.725 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042490.D
Acq: 06 May 2025 11:15

Tgt Ion: 95 Resp: 140282
Ion Ratio Lower Upper
95 100
174 55.3 42.7 64.1
175 4.0 3.6 5.4

