

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042648.D
 Acq On : 19 Jun 2025 09:42
 Operator : SY/MD
 Sample : VL0619ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0619ABL01

Quant Time: Jun 20 01:34:46 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	2.800	49	105000	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.978	114	273905	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.901	117	233634	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	178374	10.185	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

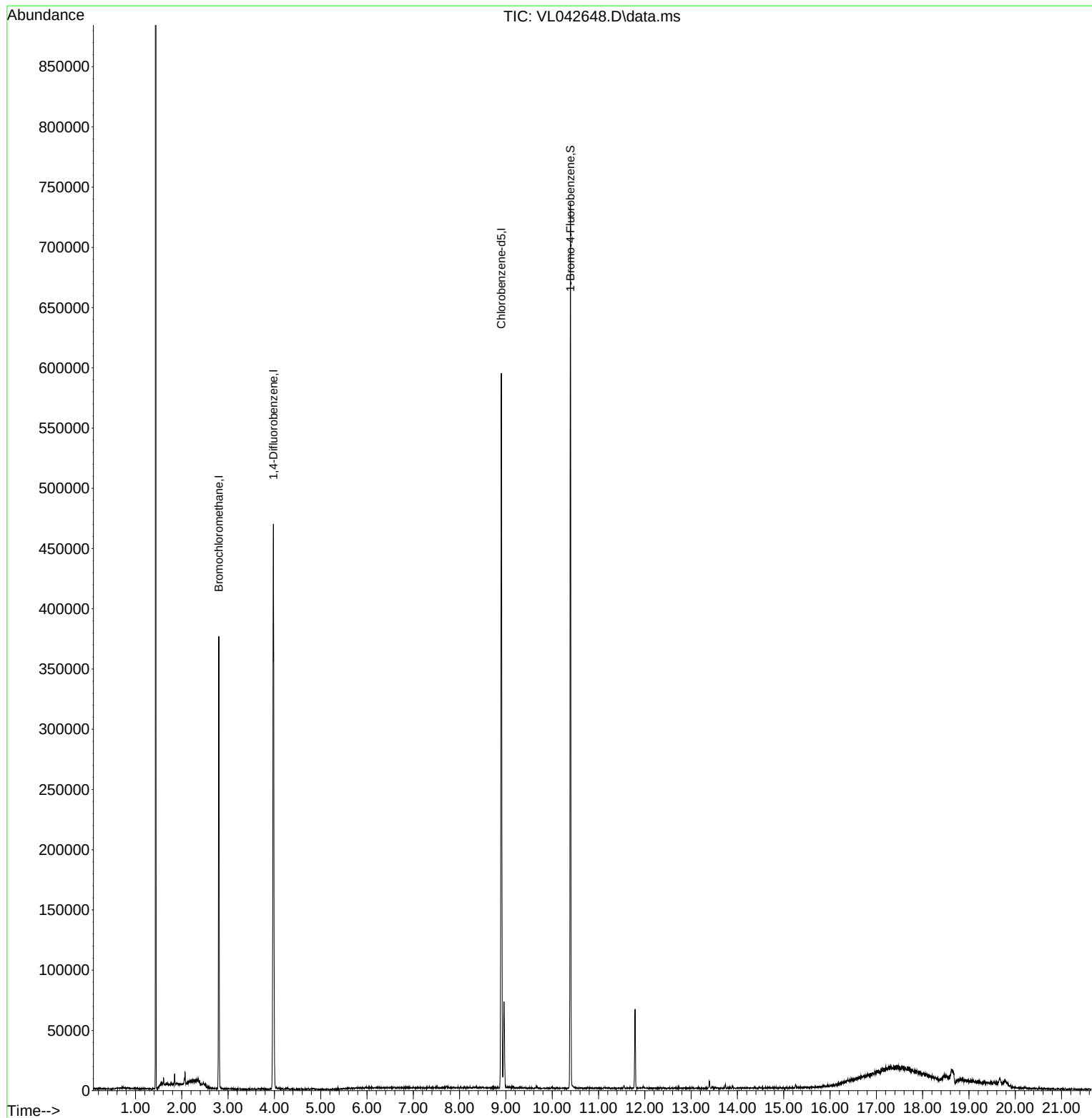
Target Compounds	Qvalue

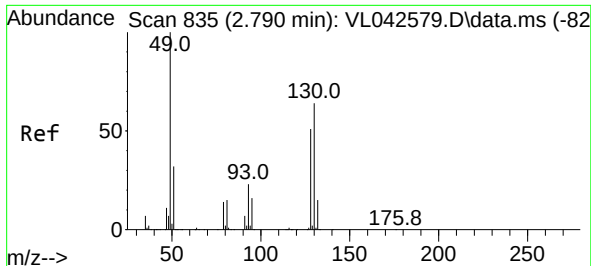
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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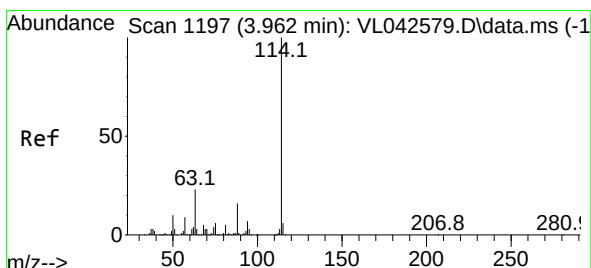
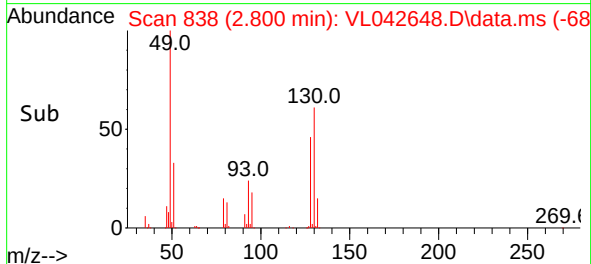
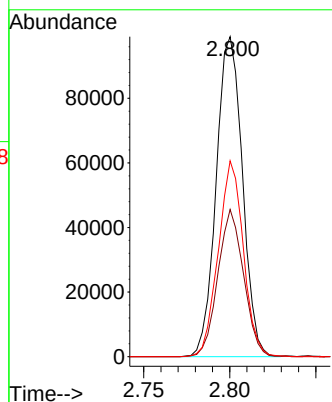
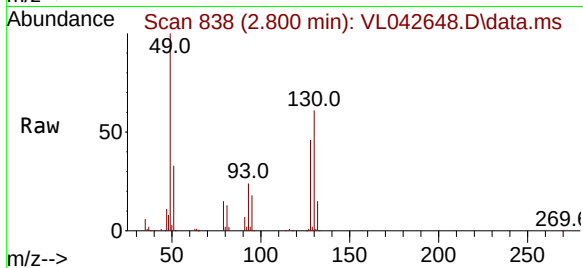




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL042648.D
 Acq: 19 Jun 2025 09:42

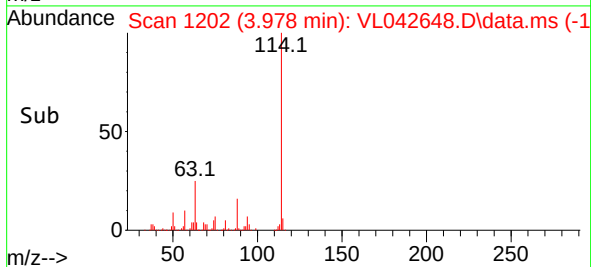
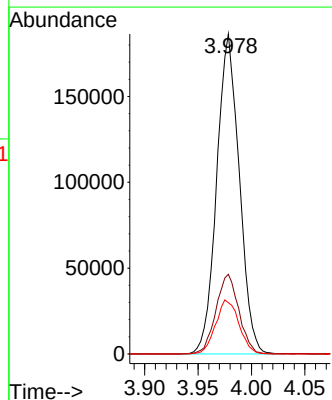
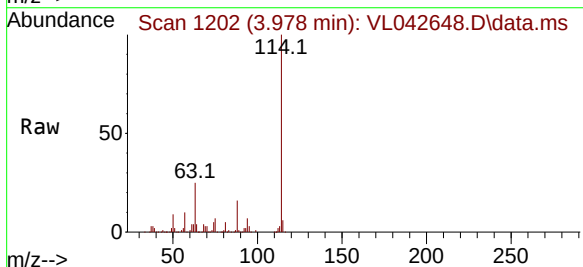
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0619ABL01

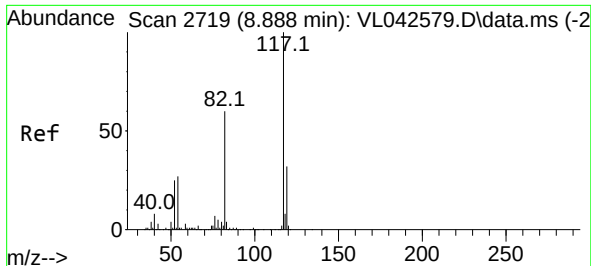
Tgt Ion: 49 Resp: 105000
 Ion Ratio Lower Upper
 49 100
 128 45.2 24.2 72.6
 130 58.6 30.4 91.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 1202
 Delta R.T. 0.016 min
 Lab File: VL042648.D
 Acq: 19 Jun 2025 09:42

Tgt Ion: 114 Resp: 273905
 Ion Ratio Lower Upper
 114 100
 63 25.4 19.0 28.6
 88 17.4 13.6 20.4

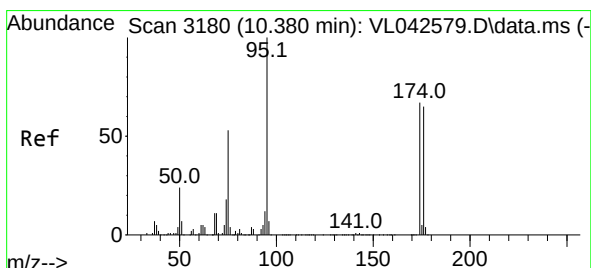
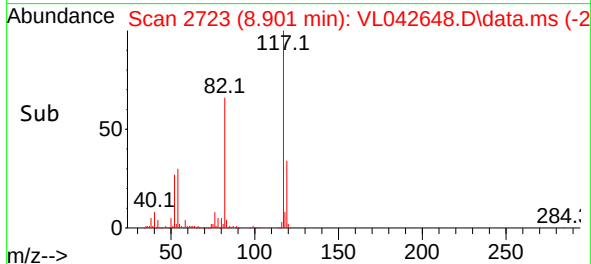
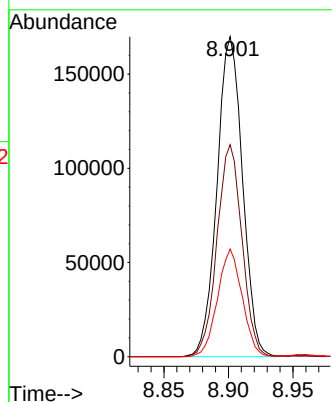
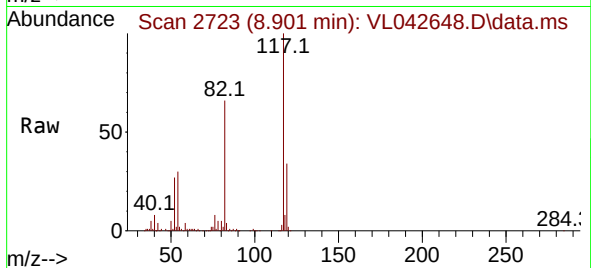




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042648.D
Acq: 19 Jun 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VL0619ABL01

Tgt Ion:117 Resp: 233634
Ion Ratio Lower Upper
117 100
82 64.8 51.2 76.8
119 32.5 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.185 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.013 min
Lab File: VL042648.D
Acq: 19 Jun 2025 09:42

Tgt Ion: 95 Resp: 178374
Ion Ratio Lower Upper
95 100
174 62.1 53.1 79.7
175 4.9 4.2 6.2

