

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062725\
 Data File : VL042671.D
 Acq On : 27 Jun 2025 09:11
 Operator : SY/MD
 Sample : VL0627ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABL01

Quant Time: Jun 27 23:01:07 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	2.784	49	106054	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	269611	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	234616	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	172650	9.817	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

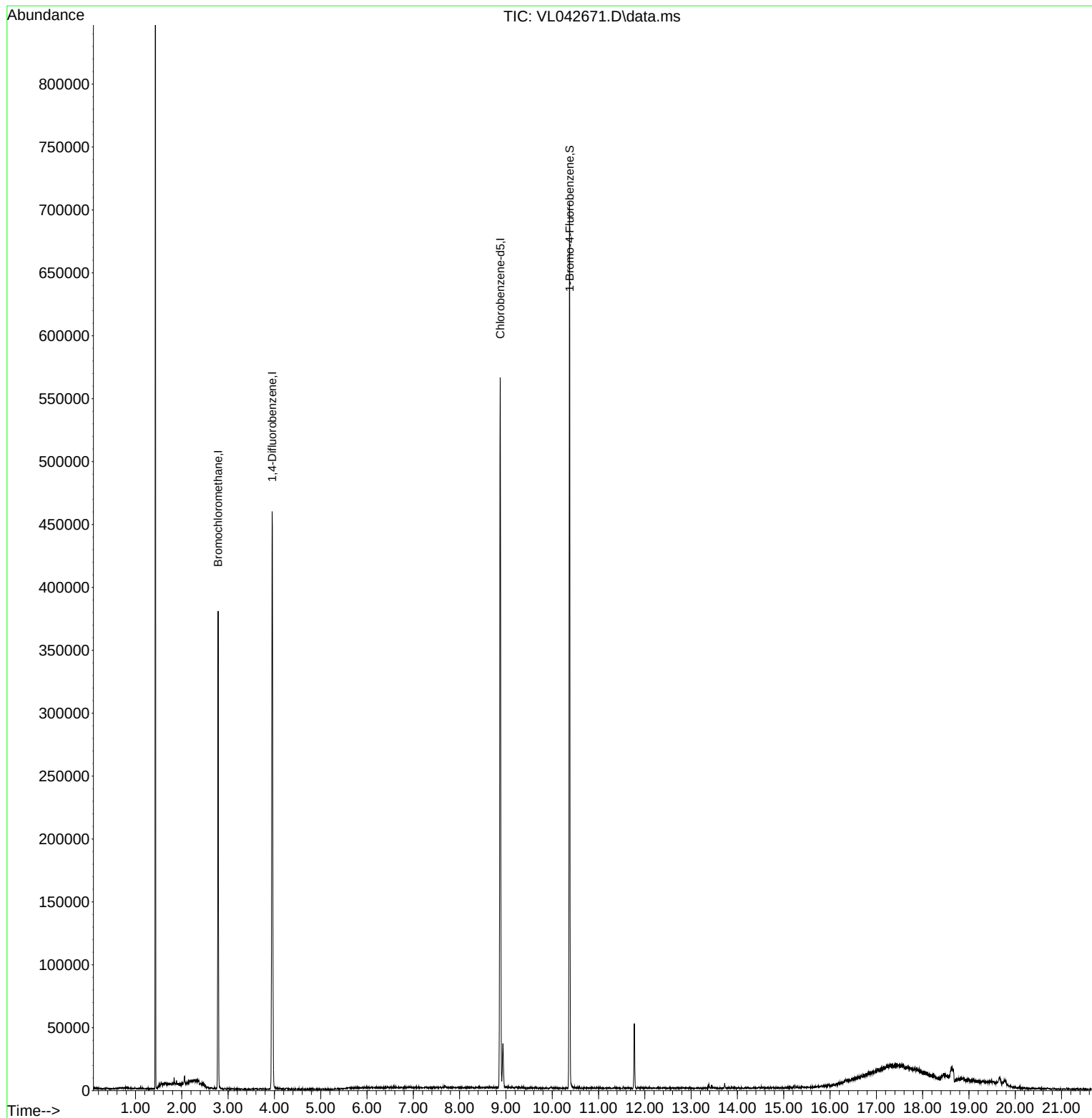
Target Compounds	Qvalue

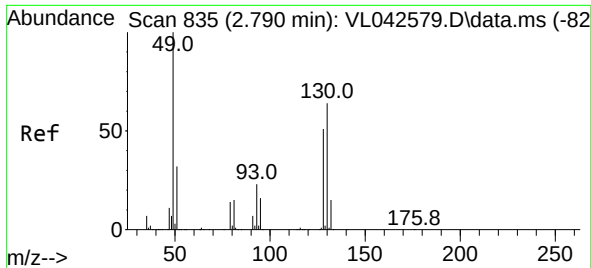
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062725\
Data File : VL042671.D
Acq On : 27 Jun 2025 09:11
Operator : SY/MD
Sample : VL0627ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABL01

Quant Time: Jun 27 23:01:07 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

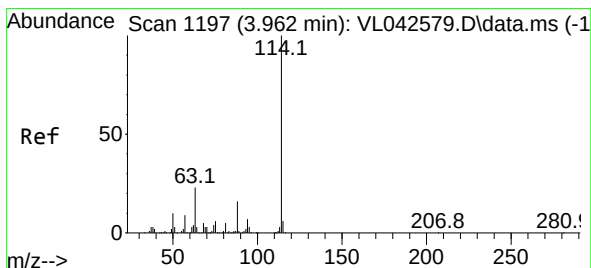
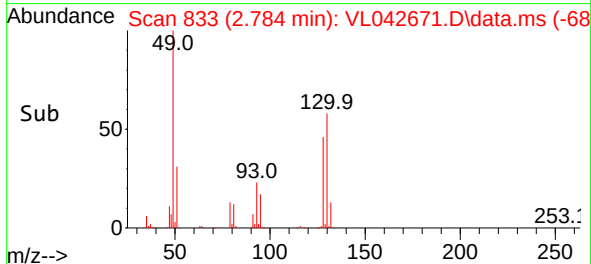
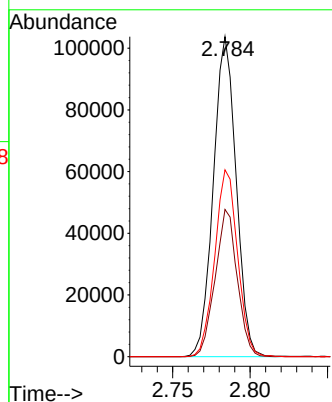
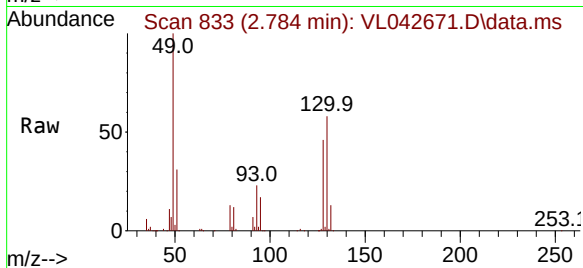




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042671.D
 Acq: 27 Jun 2025 09:11

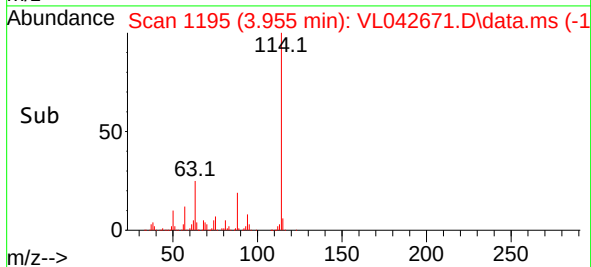
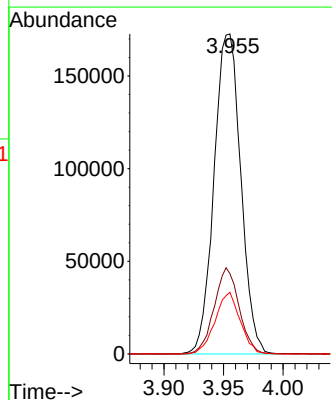
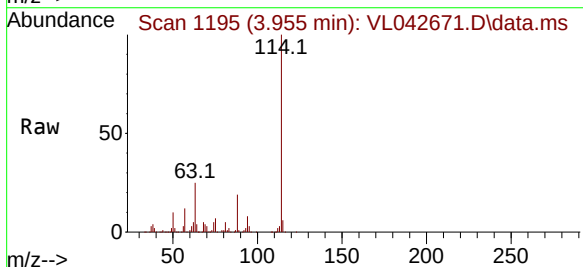
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABL01

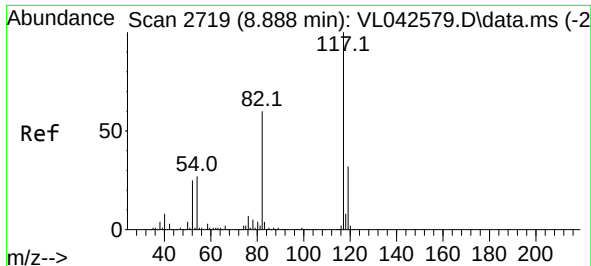
Tgt Ion: 49 Resp: 106054
 Ion Ratio Lower Upper
 49 100
 128 44.5 24.2 72.6
 130 58.6 30.4 91.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: VL042671.D
 Acq: 27 Jun 2025 09:11

Tgt Ion: 114 Resp: 269611
 Ion Ratio Lower Upper
 114 100
 63 25.2 19.0 28.6
 88 18.1 13.6 20.4

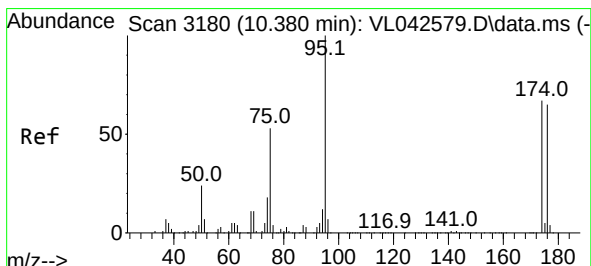
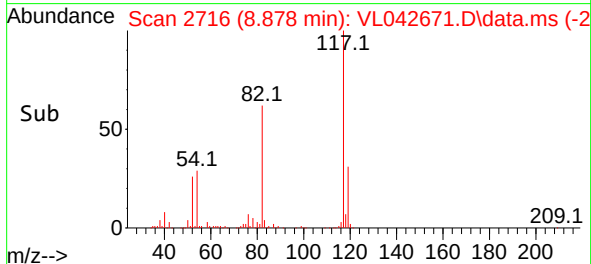
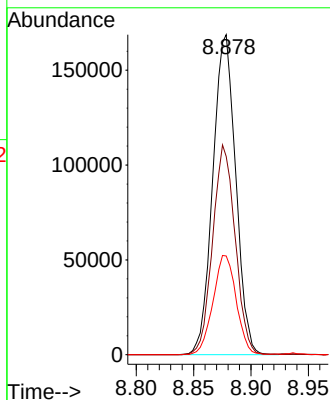
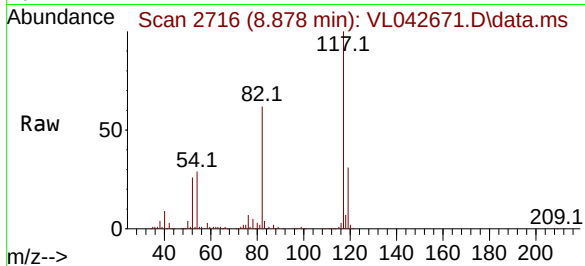




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042671.D
Acq: 27 Jun 2025 09:11

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABL01

Tgt Ion:117 Resp: 234616
Ion Ratio Lower Upper
117 100
82 64.5 51.2 76.8
119 31.4 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.817 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.006 min
Lab File: VL042671.D
Acq: 27 Jun 2025 09:11

Tgt Ion: 95 Resp: 172650
Ion Ratio Lower Upper
95 100
174 63.1 53.1 79.7
175 4.5 4.2 6.2

