

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042194.D
 Acq On : 27 Mar 2025 23:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 02:19:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

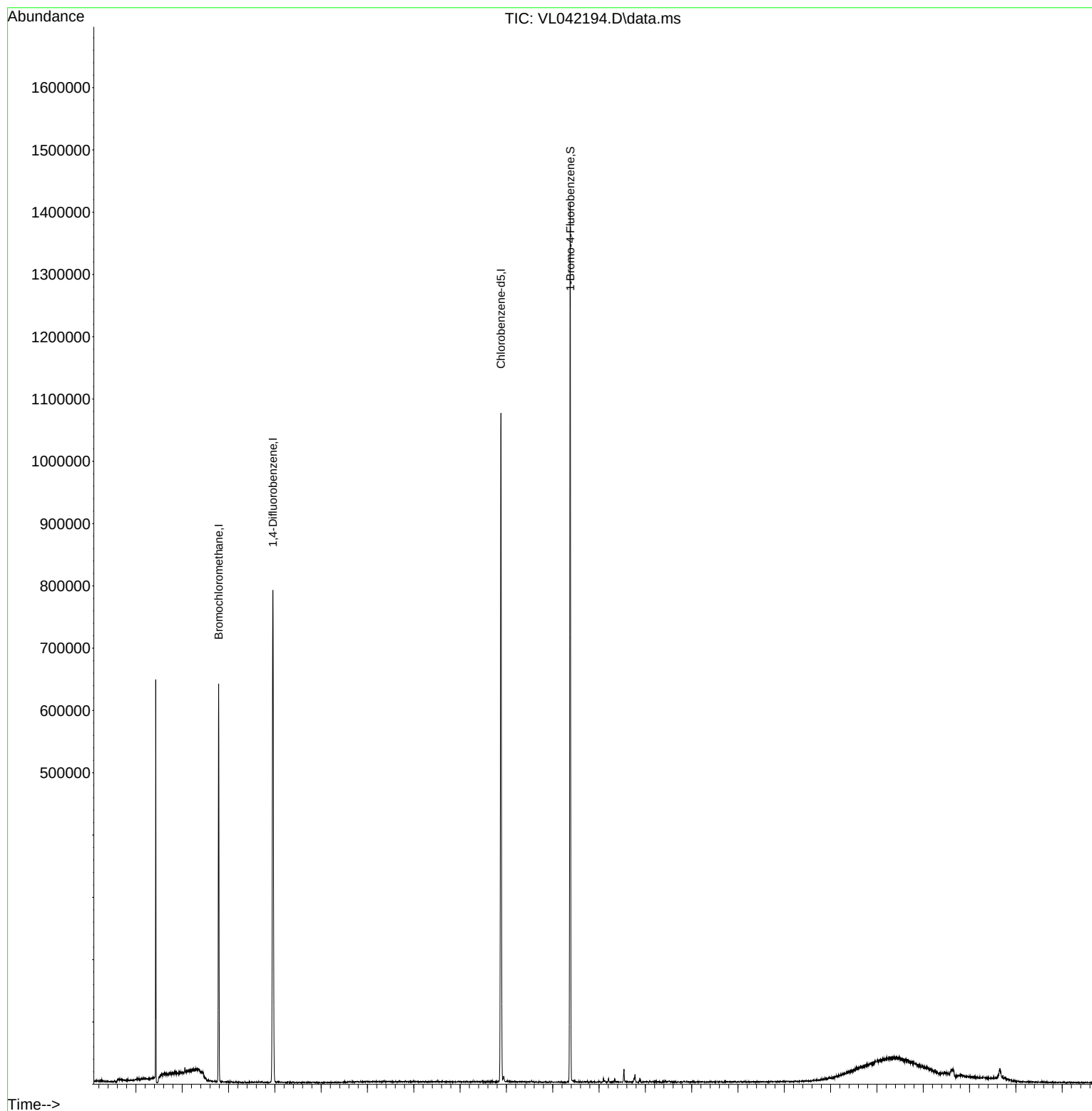
Internal Standards						
1) Bromochloromethane	2.787	49	167061	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	475830	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	437199	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	353354	9.842	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
15) Acetone	1.835	43	2542	0.109	ppbv #	69
20) Methylene Chloride	2.055	84	1396	0.160	ppbv #	74

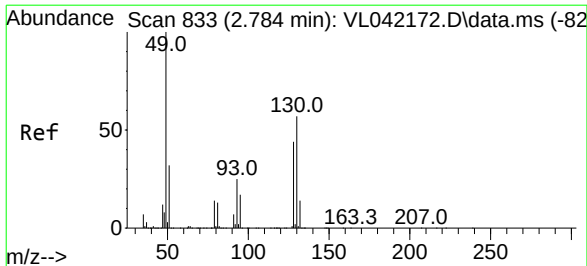
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

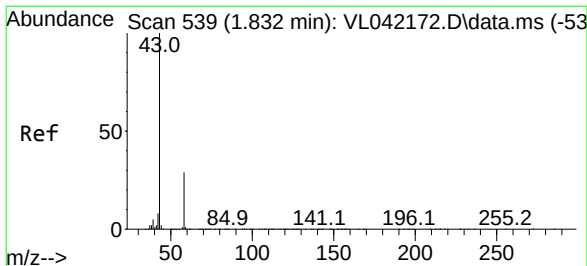
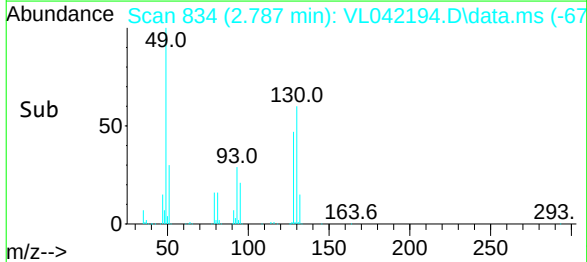
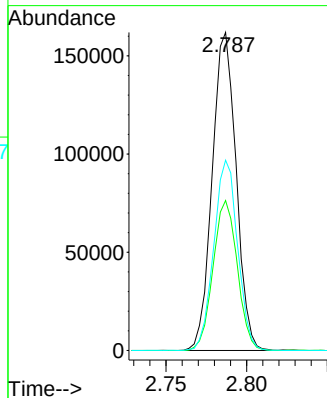
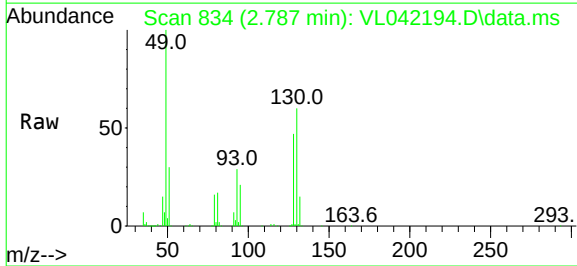




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL042194.D
Acq: 27 Mar 2025 23:34

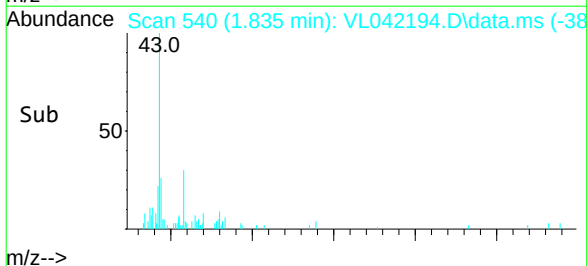
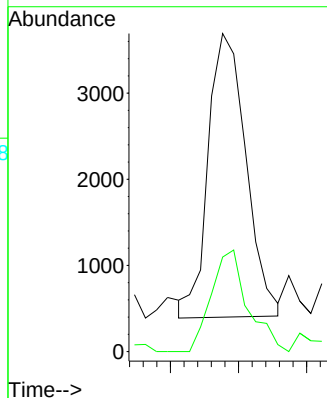
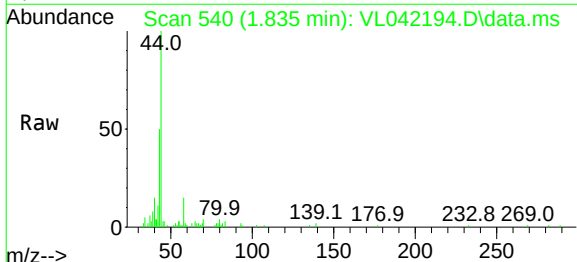
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

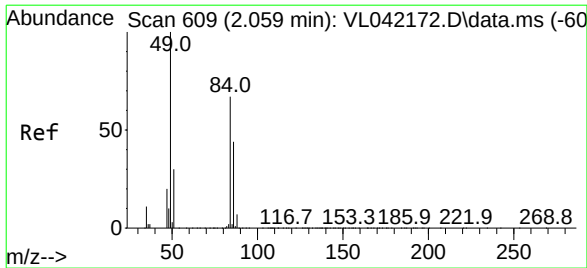
Tgt Ion: 49 Resp: 167061
Ion Ratio Lower Upper
49 100
128 47.8 22.9 68.5
130 59.7 28.8 86.4



#15
Acetone
Concen: 0.109 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042194.D
Acq: 27 Mar 2025 23:34

Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 45.3 23.2 34.8#

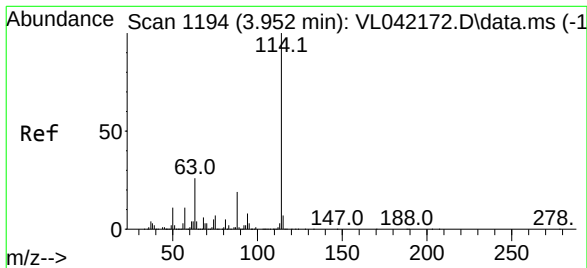
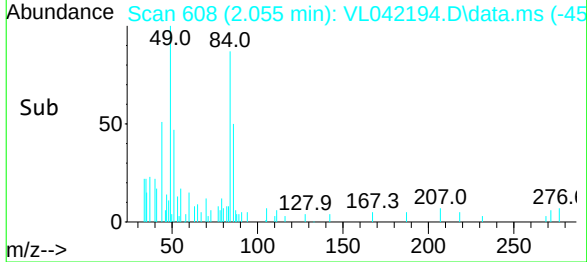
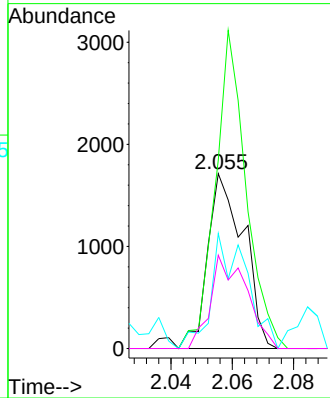
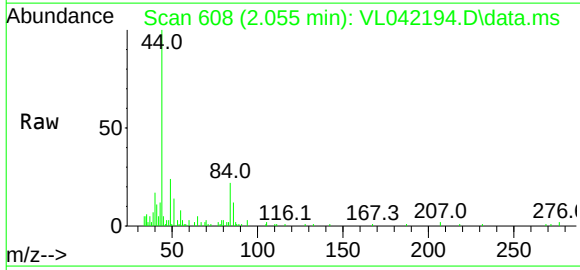




#20
Methylene Chloride
Concen: 0.160 ppbv
RT: 2.055 min Scan# 609
Delta R.T. -0.004 min
Lab File: VL042194.D
Acq: 27 Mar 2025 23:34

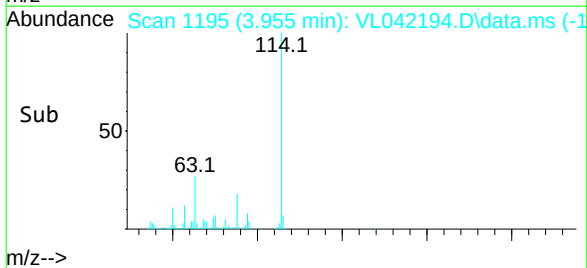
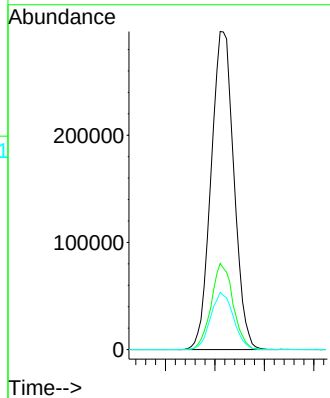
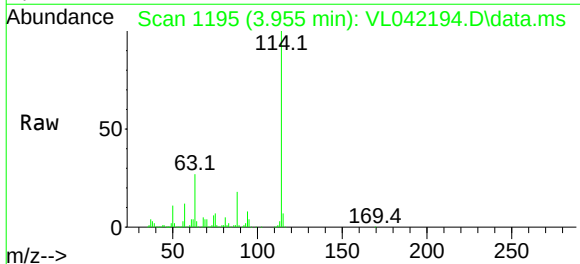
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

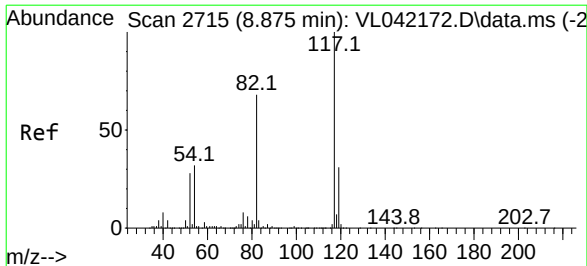
Tgt Ion:	84	Resp:	1396
Ion	Ratio	Lower	Upper
84	100		
49	111.6	120.2	180.4#
51	65.7	37.4	56.0#
86	53.4	52.4	78.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042194.D
Acq: 27 Mar 2025 23:34

Tgt Ion:	114	Resp:	475830
Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.7	31.1
88	17.9	15.0	22.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2715

Delta R.T. 0.006 min

Lab File: VL042194.D

Acq: 27 Mar 2025 23:34

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

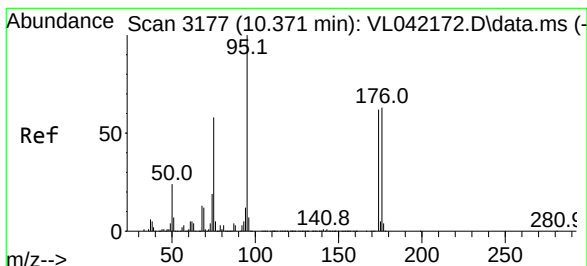
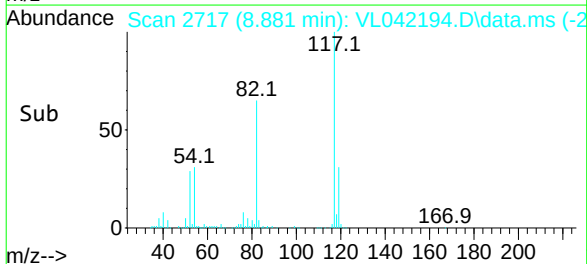
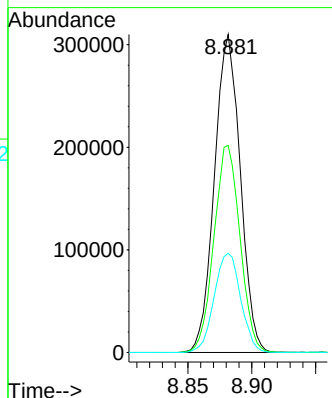
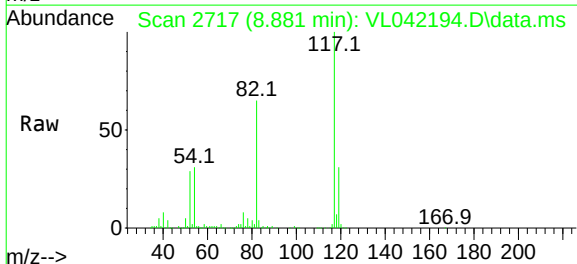
Tgt Ion:117 Resp: 437199

Ion Ratio Lower Upper

117 100

82 65.6 55.8 83.6

119 32.0 25.5 38.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.842 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.006 min

Lab File: VL042194.D

Acq: 27 Mar 2025 23:34

Tgt Ion: 95 Resp: 353354

Ion Ratio Lower Upper

95 100

174 60.7 50.6 76.0

175 4.7 3.8 5.6

