

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042412.D
 Acq On : 21 Apr 2025 19:47
 Operator : SY/MD
 Sample : QC041725 CA 27806
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041725 CA 27806

Quant Time: Apr 22 02:58:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

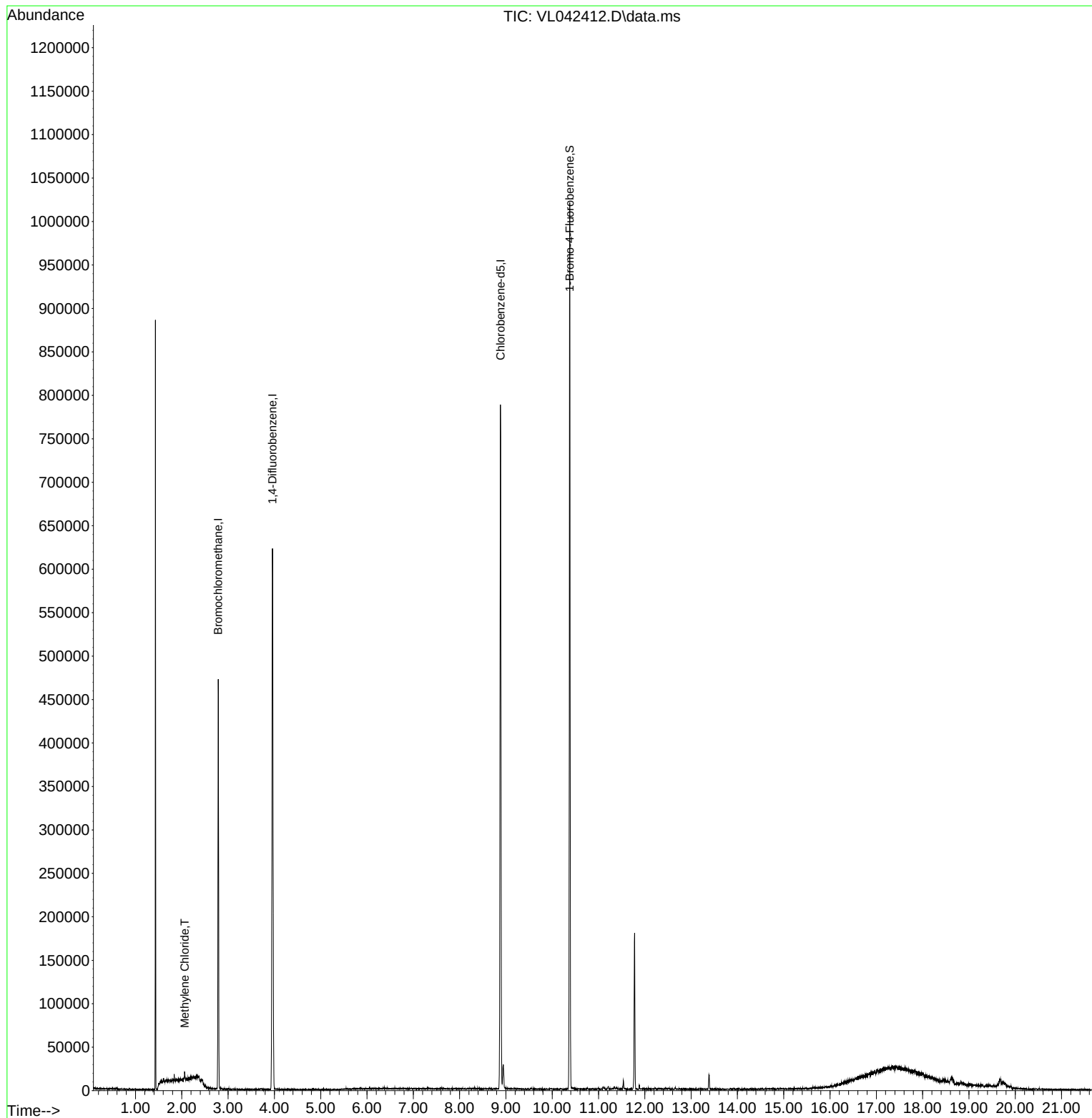
Internal Standards						
1) Bromochloromethane	2.787	49	126389	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	357003	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	300675	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	253782	10.271	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						
20) Methylene Chloride	2.065	84	1310	0.162	ppbv	Qvalue 96

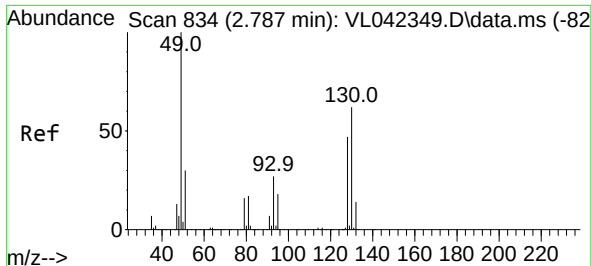
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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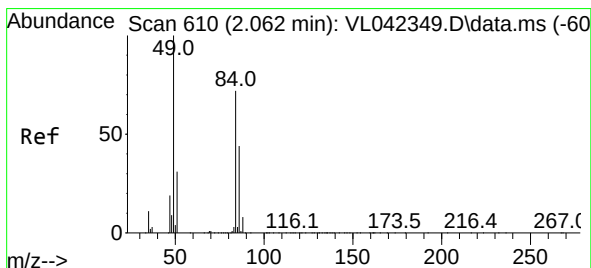
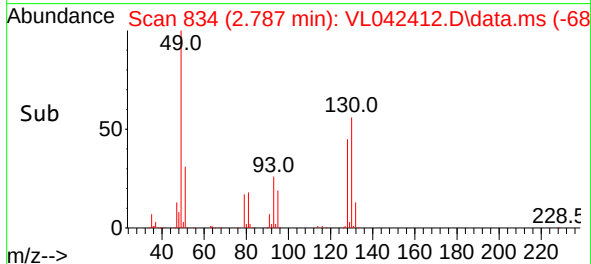
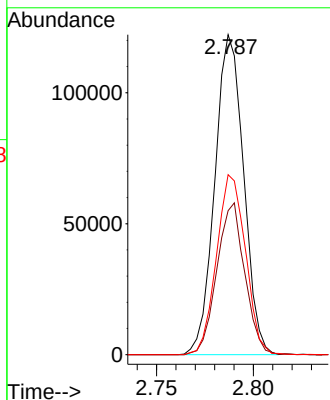
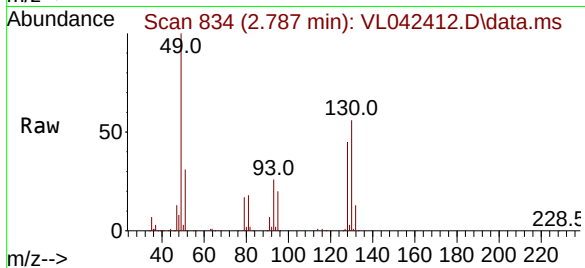




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042412.D
Acq: 21 Apr 2025 19:47

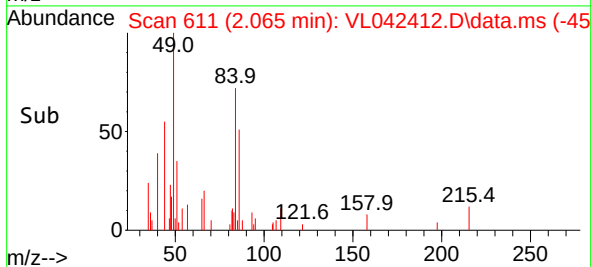
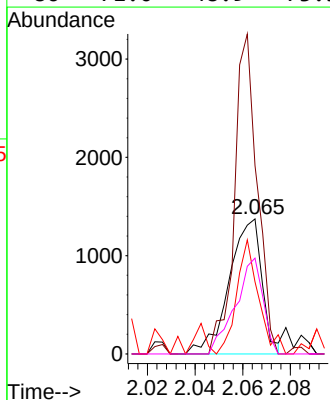
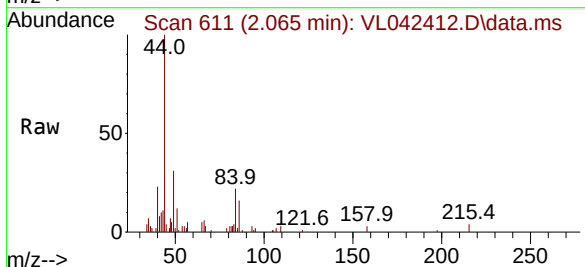
Instrument :
MSVOA_L
ClientSampleId :
QC041725 CA 27806

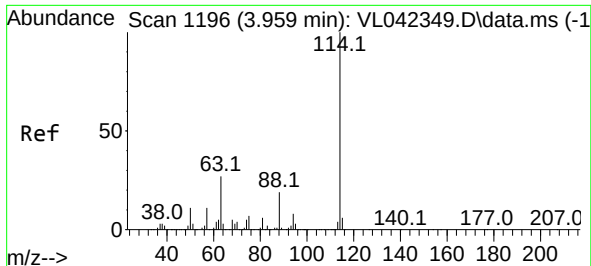
Tgt Ion: 49 Resp: 126389
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.4
130 56.5 29.3 88.0



#20
Methylene Chloride
Concen: 0.162 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042412.D
Acq: 21 Apr 2025 19:47

Tgt Ion: 84 Resp: 1310
Ion Ratio Lower Upper
84 100
49 139.5 111.6 167.4
51 40.4 35.1 52.7
86 71.0 48.9 73.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.000 min

Lab File: VL042412.D

Acq: 21 Apr 2025 19:47

Instrument :

MSVOA_L

ClientSampleId :

QC041725 CA 27806

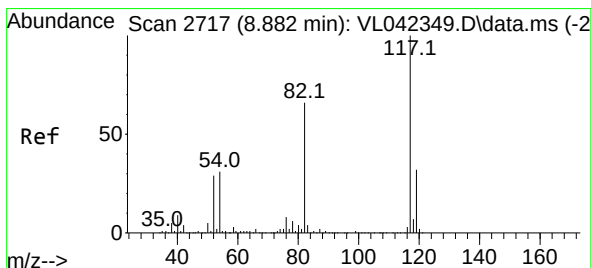
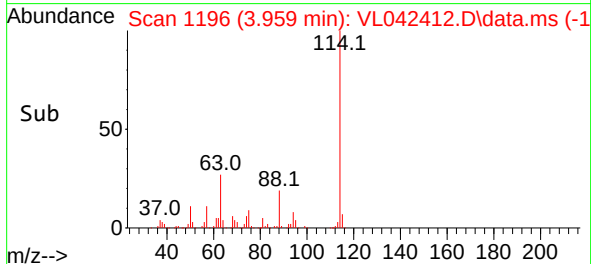
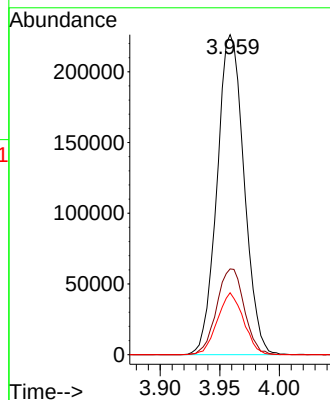
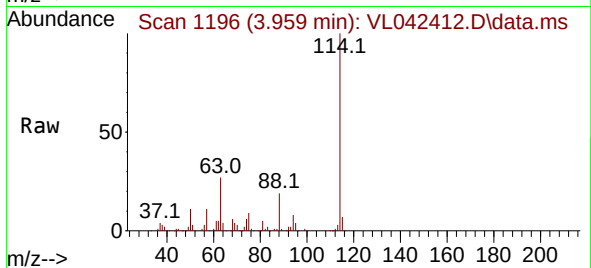
Tgt Ion:114 Resp: 357003

Ion Ratio Lower Upper

114 100

63 27.4 21.8 32.6

88 18.6 15.5 23.3



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. -0.000 min

Lab File: VL042412.D

Acq: 21 Apr 2025 19:47

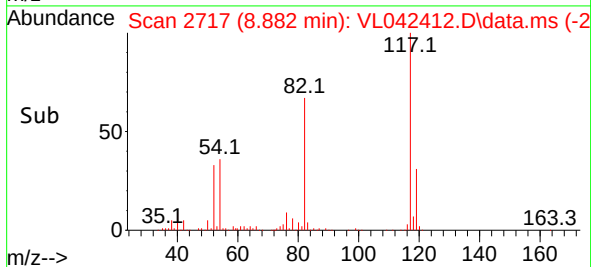
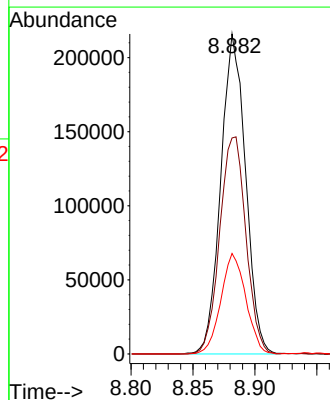
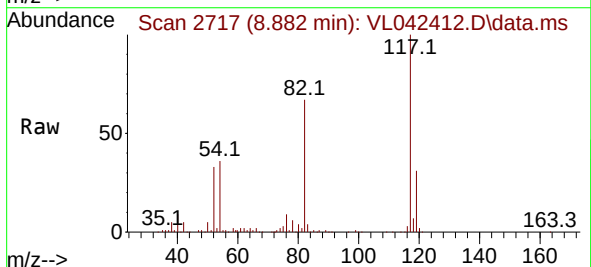
Tgt Ion:117 Resp: 300675

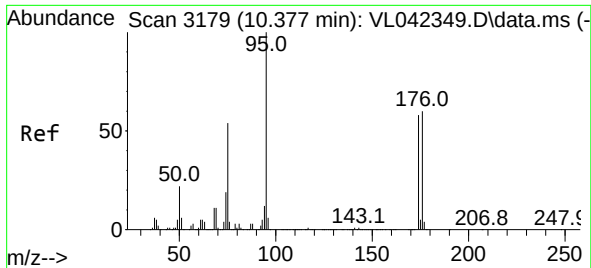
Ion Ratio Lower Upper

117 100

82 72.0 57.8 86.6

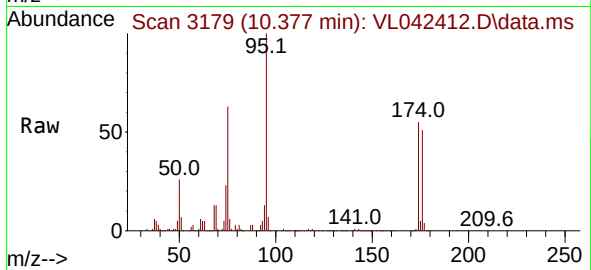
119 31.7 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.271 ppbv
 RT: 10.377 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VL042412.D
 Acq: 21 Apr 2025 19:47

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 253782
 Ion Ratio Lower Upper
 95 100
 174 54.2 48.5 72.7
 175 4.3 3.7 5.5

