

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042216.D
 Acq On : 04 Apr 2025 09:41
 Operator : SY/MD
 Sample : VL0404ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABL01

Quant Time: Apr 05 01:59:42 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	191004	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	523611	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	464191	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	364475	9.561	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%

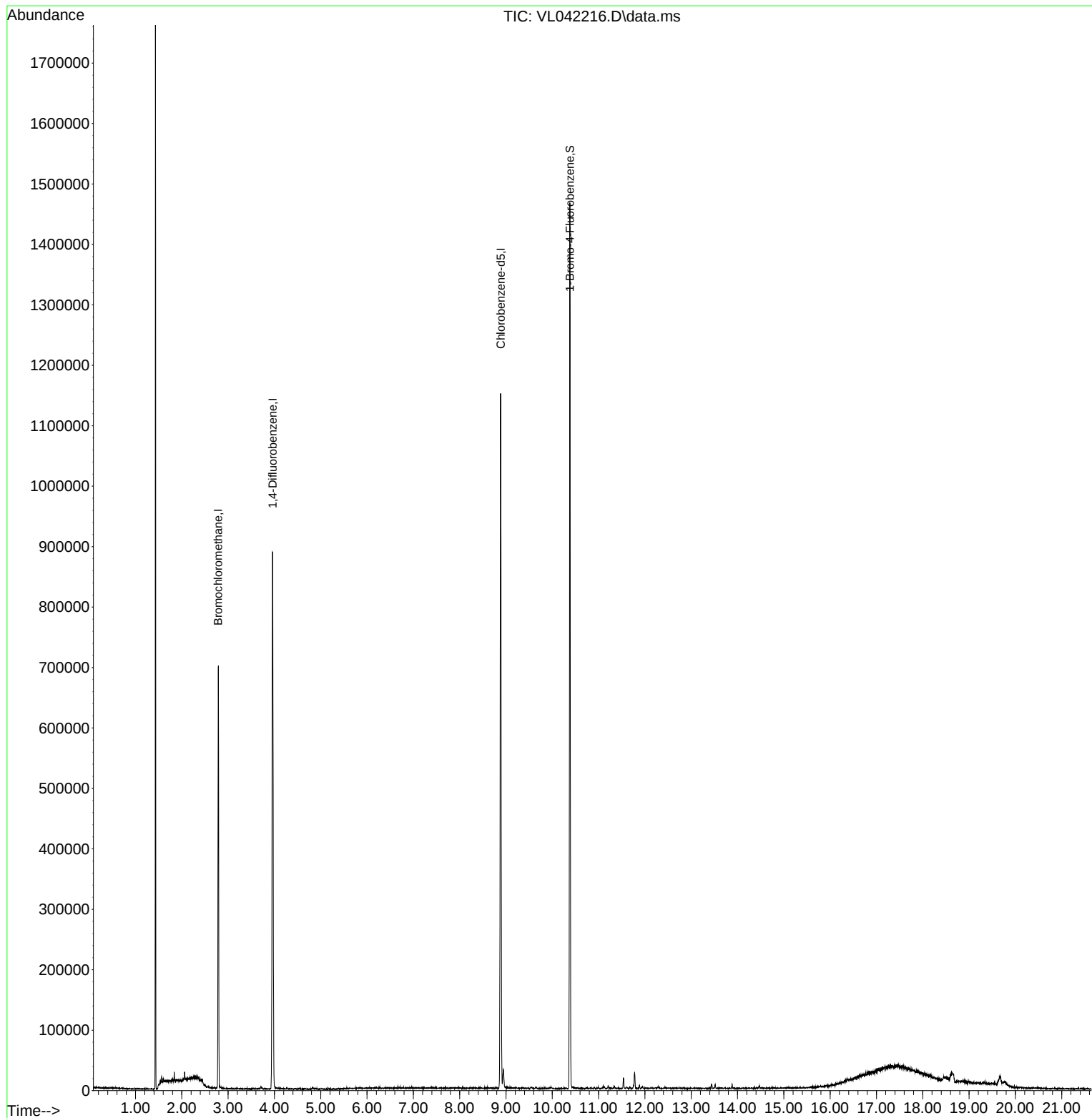
Target Compounds	Qvalue

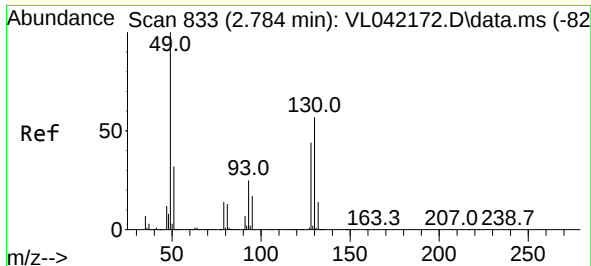
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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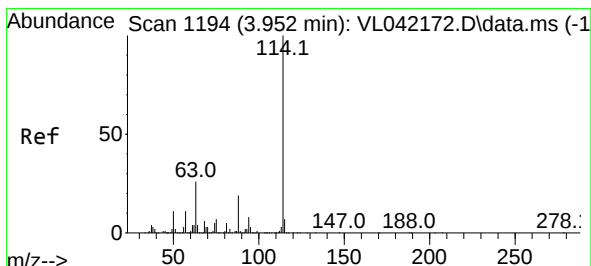
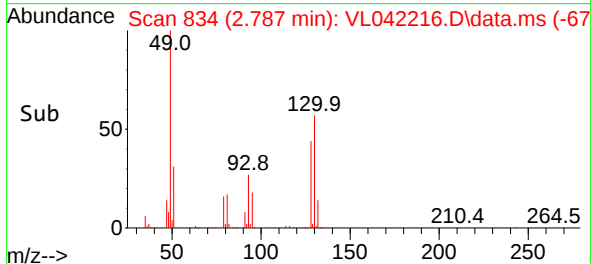
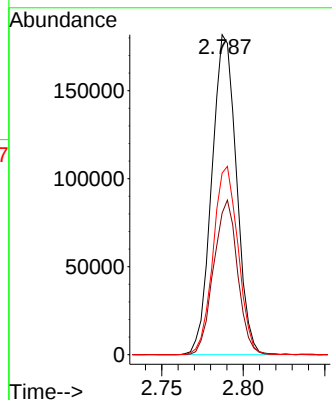
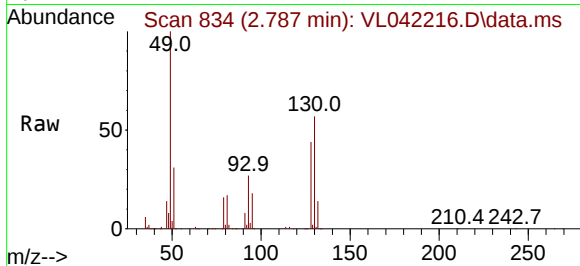




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042216.D
 Acq: 04 Apr 2025 09:41

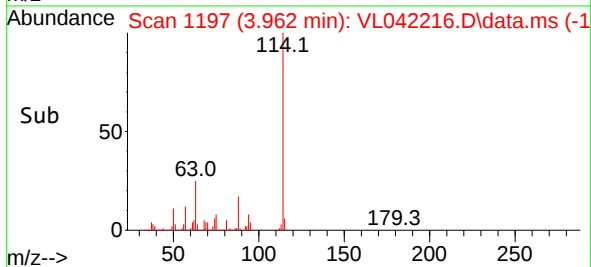
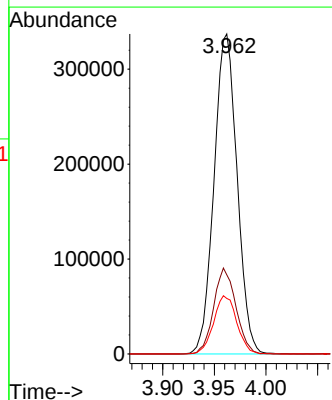
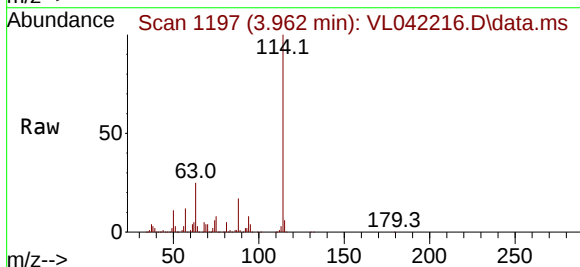
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABL01

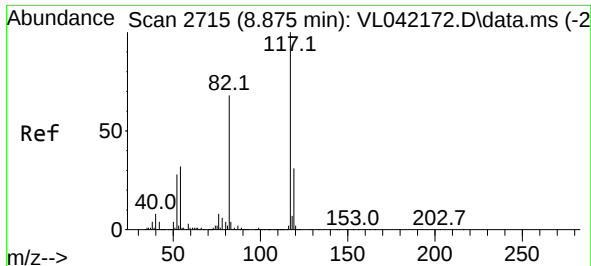
Tgt Ion: 49 Resp: 191004
 Ion Ratio Lower Upper
 49 100
 128 47.0 22.9 68.5
 130 59.5 28.8 86.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.010 min
 Lab File: VL042216.D
 Acq: 04 Apr 2025 09:41

Tgt Ion: 114 Resp: 523611
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.7 31.1
 88 18.3 15.0 22.4

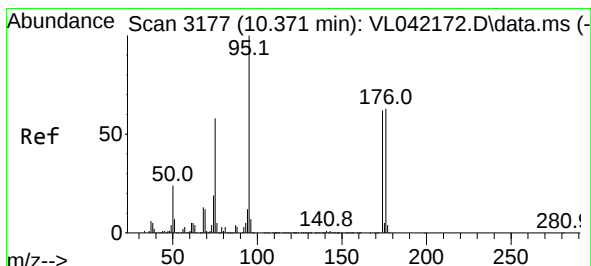
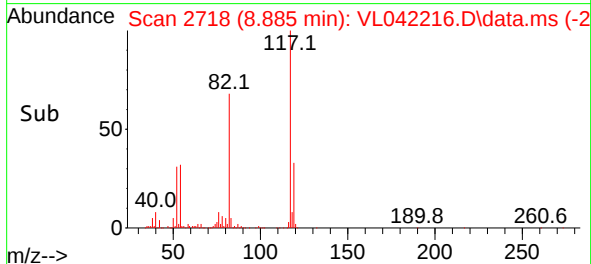
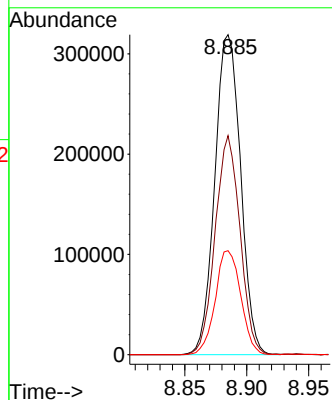
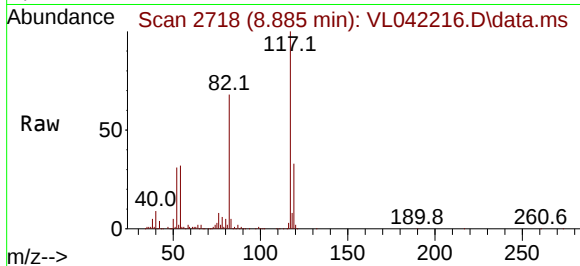




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042216.D
Acq: 04 Apr 2025 09:41

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABL01

Tgt Ion:117 Resp: 464191
Ion Ratio Lower Upper
117 100
82 65.9 55.8 83.6
119 32.3 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.561 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.010 min
Lab File: VL042216.D
Acq: 04 Apr 2025 09:41

Tgt Ion: 95 Resp: 364475
Ion Ratio Lower Upper
95 100
174 59.9 50.6 76.0
175 4.8 3.8 5.6

