

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042327.D
 Acq On : 15 Apr 2025 12:12
 Operator : SY/MD
 Sample : VL0415ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABL01

Quant Time: Apr 16 01:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.813	49	173729	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.994	114	447320	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.917	117	385318	10.000	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	292759	9.252	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.500%

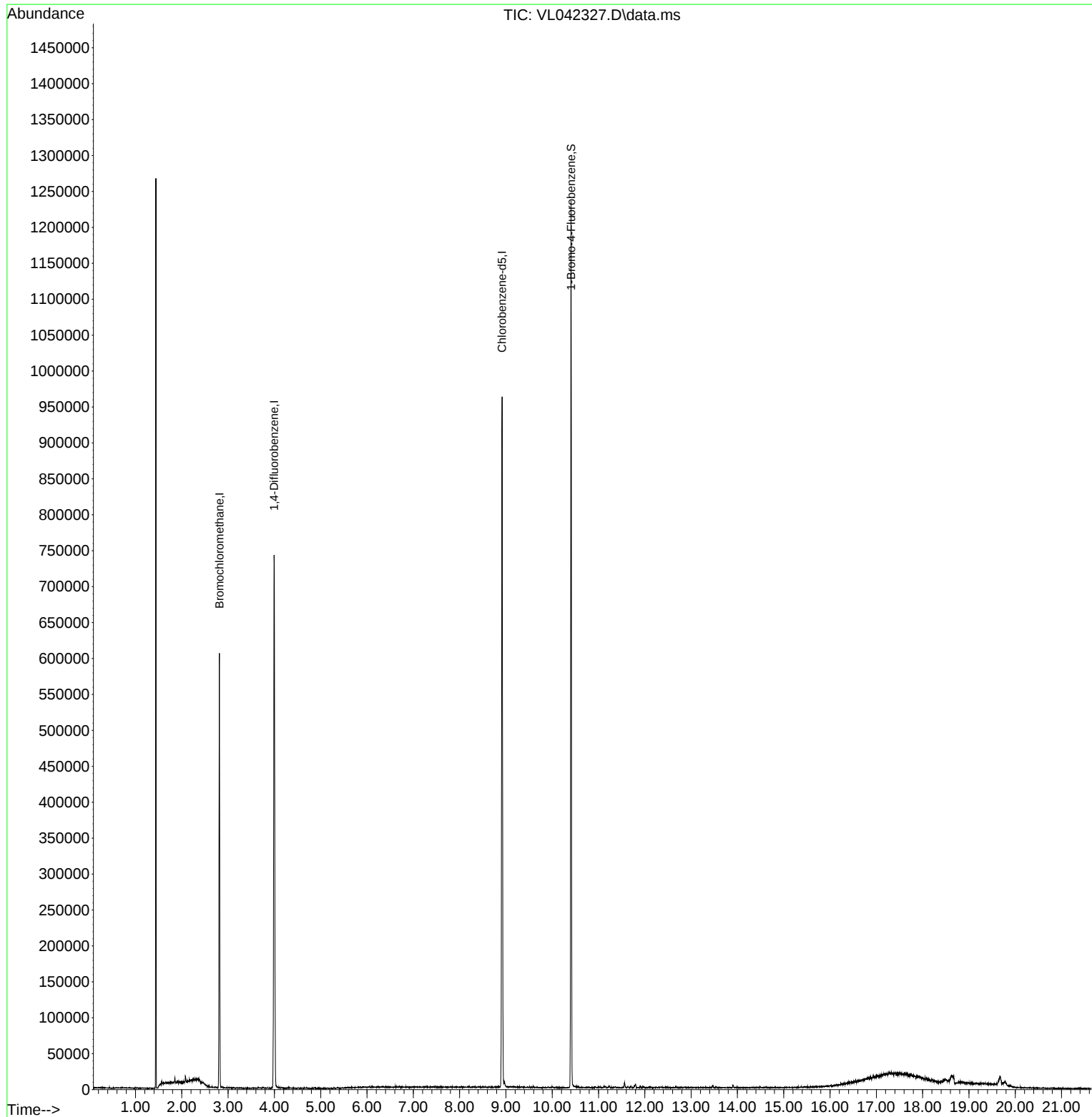
Target Compounds	Qvalue

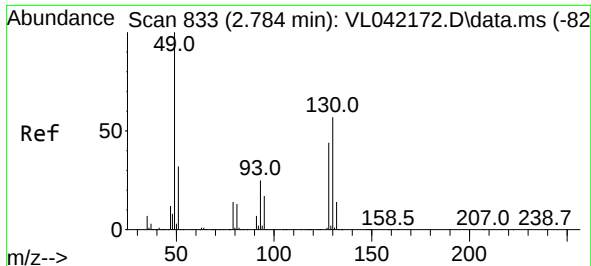
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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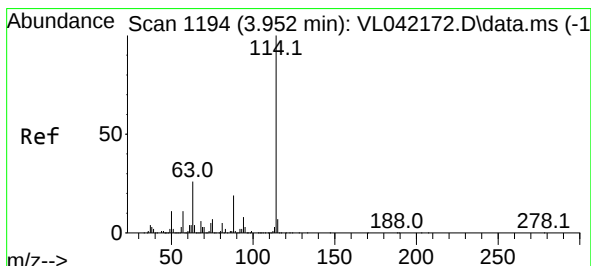
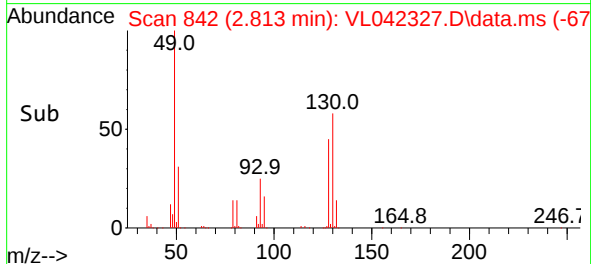
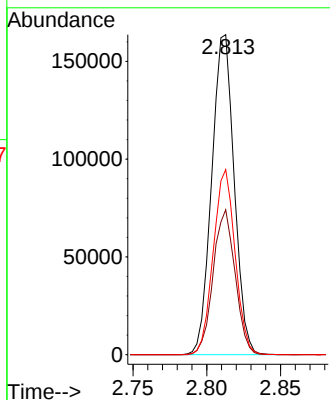
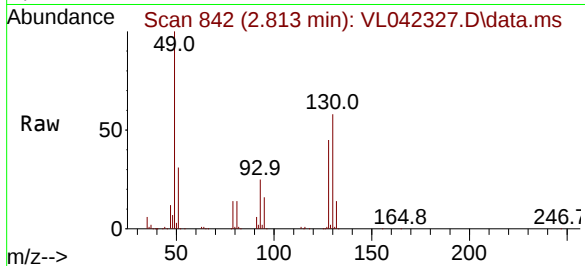




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.813 min Scan# 84
 Delta R.T. 0.029 min
 Lab File: VL042327.D
 Acq: 15 Apr 2025 12:12

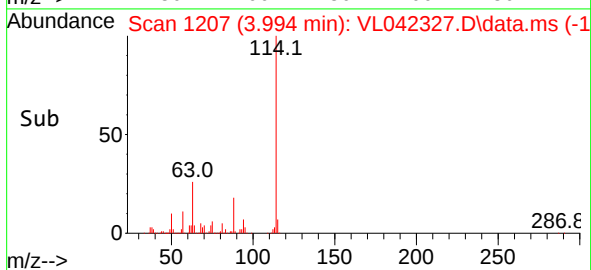
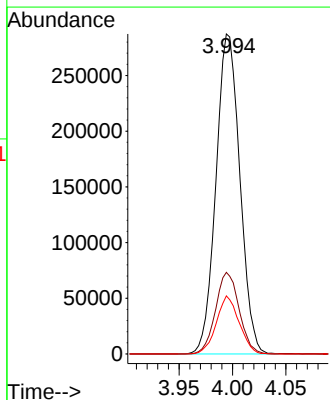
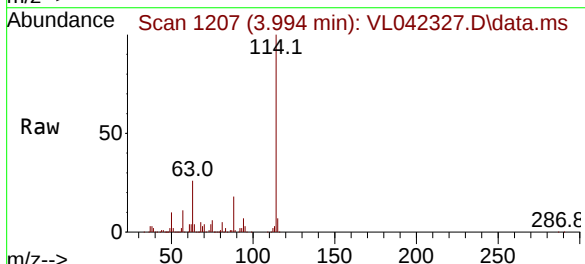
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0415ABL01

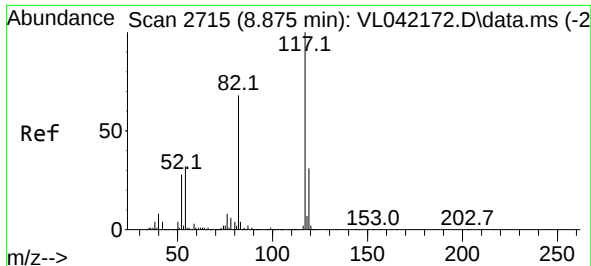
Tgt Ion: 49 Resp: 173729
 Ion Ratio Lower Upper
 49 100
 128 44.3 22.9 68.5
 130 56.2 28.8 86.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.994 min Scan# 1207
 Delta R.T. 0.042 min
 Lab File: VL042327.D
 Acq: 15 Apr 2025 12:12

Tgt Ion:114 Resp: 447320
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.7 31.1
 88 17.3 15.0 22.4

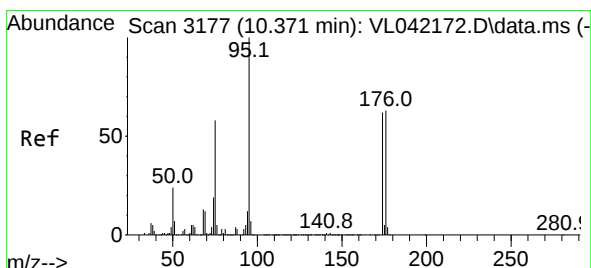
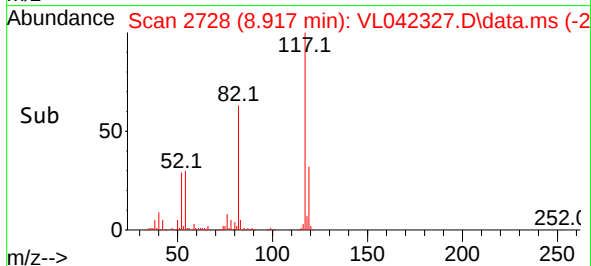
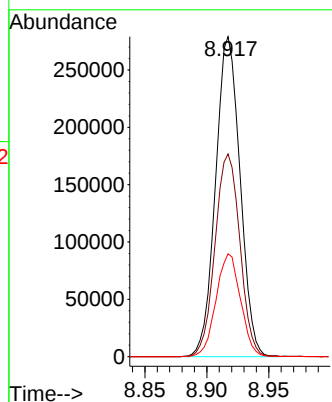
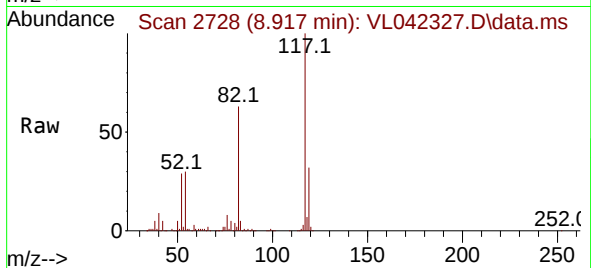




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL042327.D
Acq: 15 Apr 2025 12:12

Instrument :
MSVOA_L
ClientSampleId :
VL0415ABL01

Tgt Ion:117 Resp: 385318
Ion Ratio Lower Upper
117 100
82 64.3 55.8 83.6
119 32.2 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.252 ppbv
RT: 10.406 min Scan# 3188
Delta R.T. 0.035 min
Lab File: VL042327.D
Acq: 15 Apr 2025 12:12

Tgt Ion: 95 Resp: 292759
Ion Ratio Lower Upper
95 100
174 64.8 50.6 76.0
175 4.9 3.8 5.6

