

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042330.D
 Acq On : 15 Apr 2025 13:57
 Operator : SY/MD
 Sample : QC041425 CAN 10401
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041425 CAN 10401

Quant Time: Apr 16 01:31:42 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	2.813	49	162884	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.997	114	405181	10.000	ppbv	0.05
55) Chlorobenzene-d5	8.917	117	353699	10.000	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	273327	9.410	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%

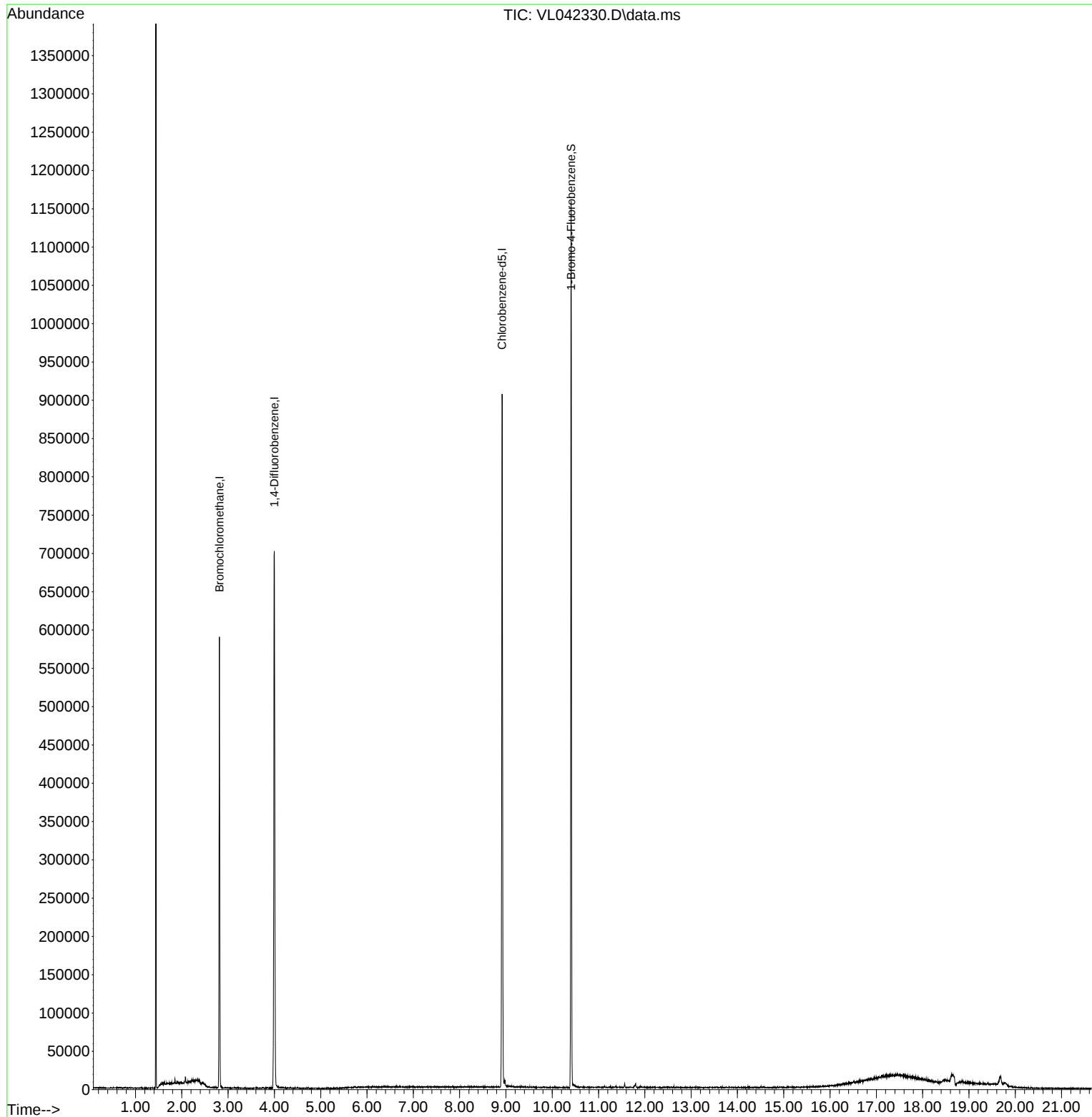
Target Compounds	Qvalue

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

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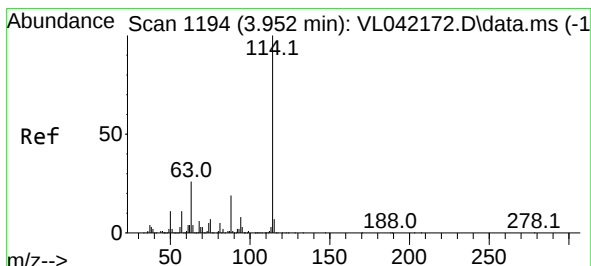
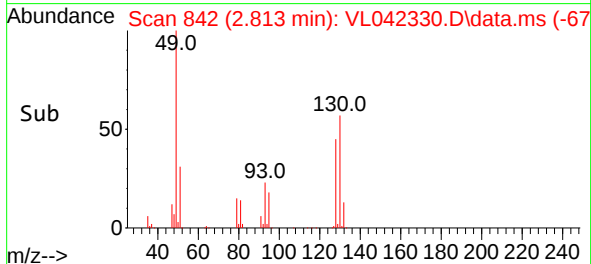
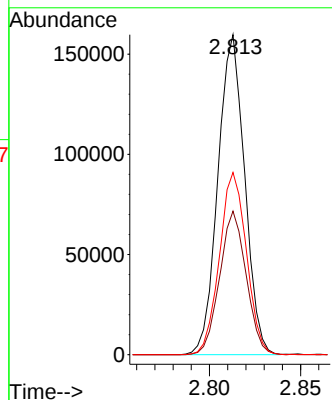
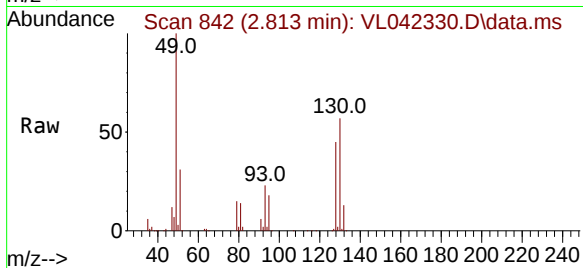




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.813 min Scan# 84
Delta R.T. 0.029 min
Lab File: VL042330.D
Acq: 15 Apr 2025 13:57

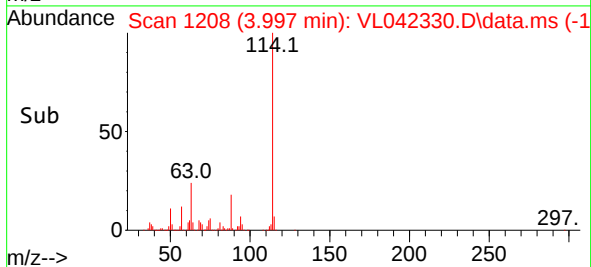
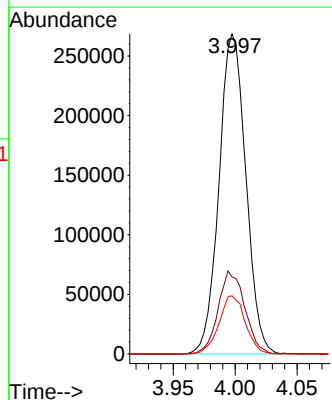
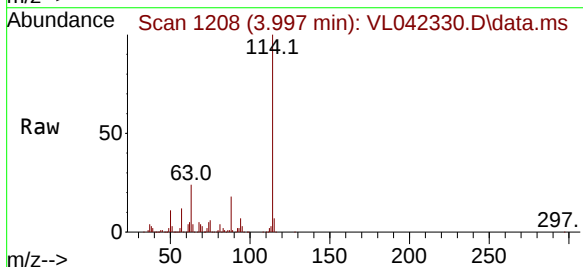
Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401

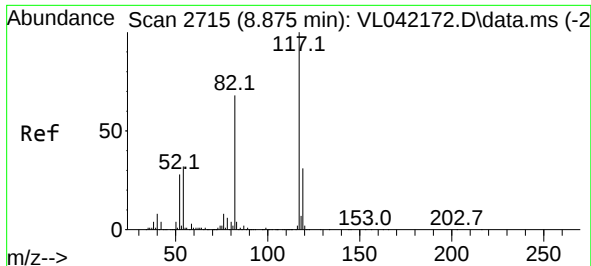
Tgt Ion: 49 Resp: 162884
Ion Ratio Lower Upper
49 100
128 44.5 22.9 68.5
130 57.5 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.997 min Scan# 1208
Delta R.T. 0.045 min
Lab File: VL042330.D
Acq: 15 Apr 2025 13:57

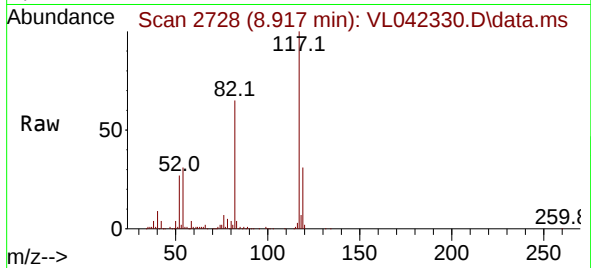
Tgt Ion: 114 Resp: 405181
Ion Ratio Lower Upper
114 100
63 25.8 20.7 31.1
88 17.8 15.0 22.4



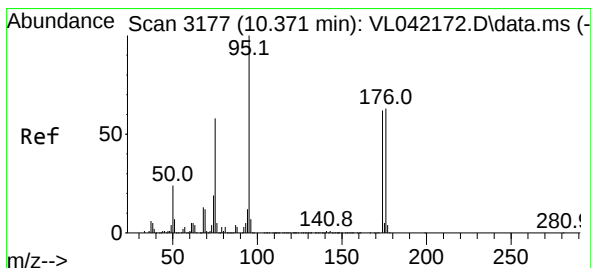
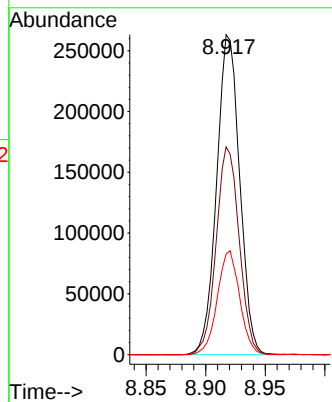
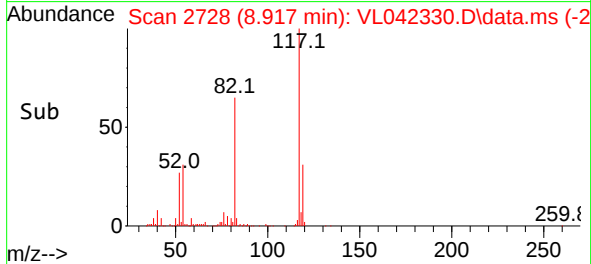


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL042330.D
Acq: 15 Apr 2025 13:57

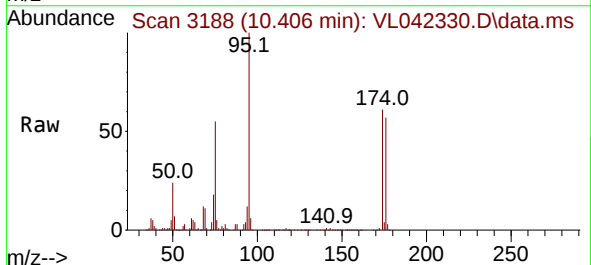
Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401



Tgt Ion: 117 Resp: 353699
Ion Ratio Lower Upper
117 100
82 64.9 55.8 83.6
119 31.7 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.410 ppbv
RT: 10.406 min Scan# 3188
Delta R.T. 0.035 min
Lab File: VL042330.D
Acq: 15 Apr 2025 13:57



Tgt Ion: 95 Resp: 273327
Ion Ratio Lower Upper
95 100
174 63.9 50.6 76.0
175 4.4 3.8 5.6

