

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042399.D
 Acq On : 21 Apr 2025 11:36
 Operator : SY/MD
 Sample : QC041625 CAN 10329
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041625 CAN 10329

Quant Time: Apr 22 02:52:23 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	2.781	49	116817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	332871	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	284301	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.371	95	248070	10.618	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.200%

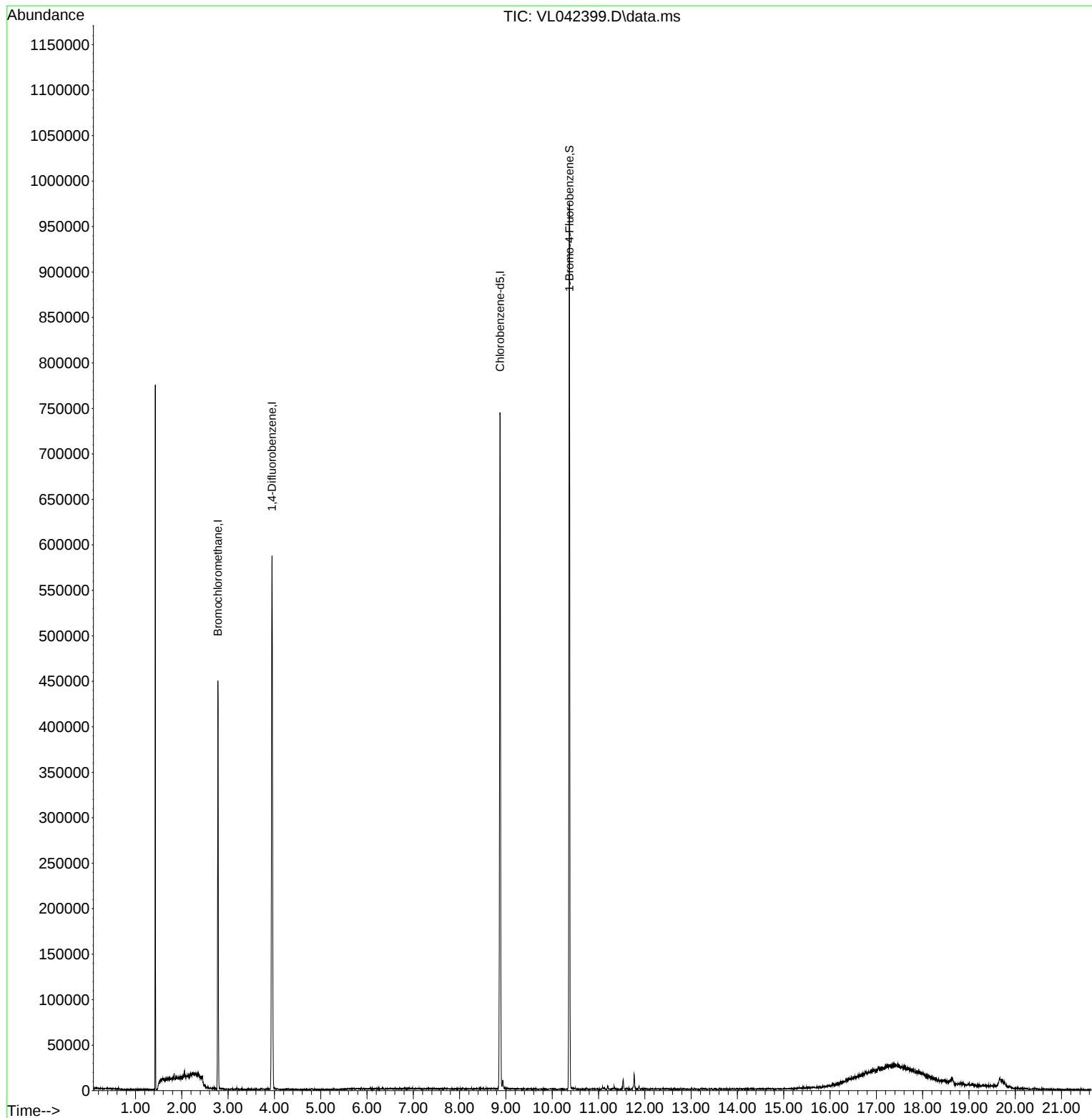
Target Compounds	Qvalue

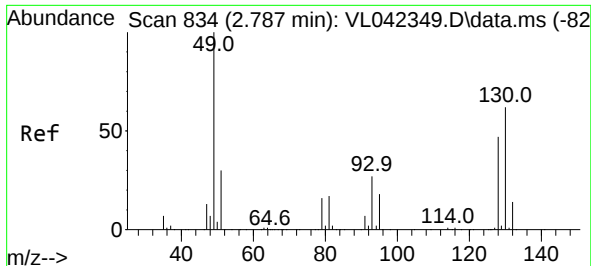
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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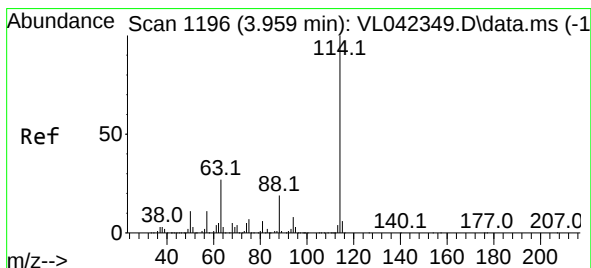
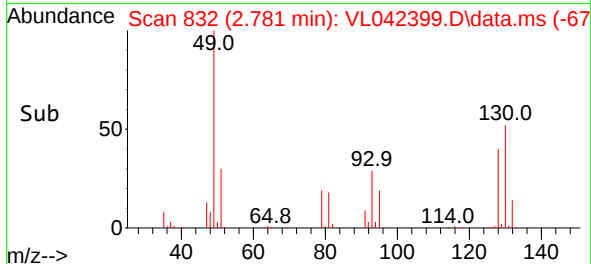
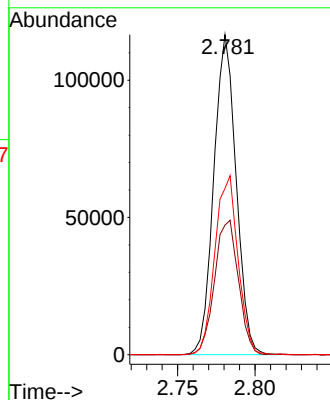
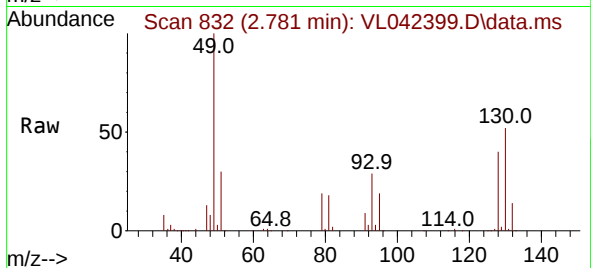




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042399.D
Acq: 21 Apr 2025 11:36

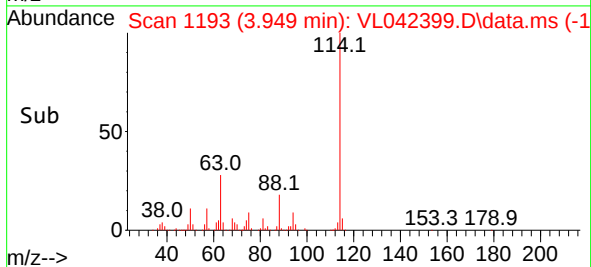
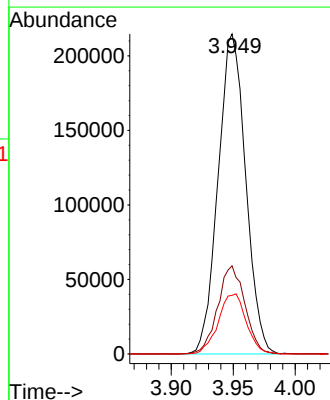
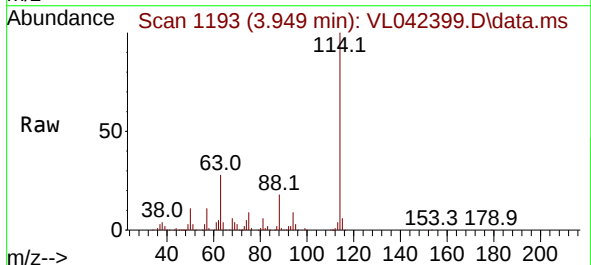
Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

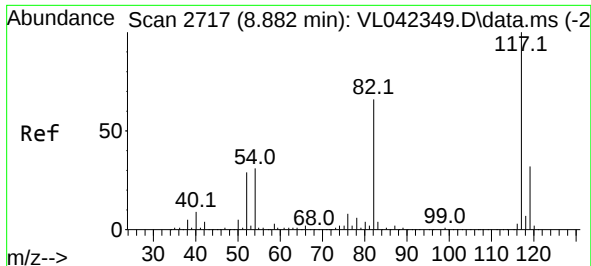
Tgt Ion: 49 Resp: 116817
Ion Ratio Lower Upper
49 100
128 45.2 22.8 68.4
130 58.0 29.3 88.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.010 min
Lab File: VL042399.D
Acq: 21 Apr 2025 11:36

Tgt Ion: 114 Resp: 332871
Ion Ratio Lower Upper
114 100
63 27.2 21.8 32.6
88 19.1 15.5 23.3

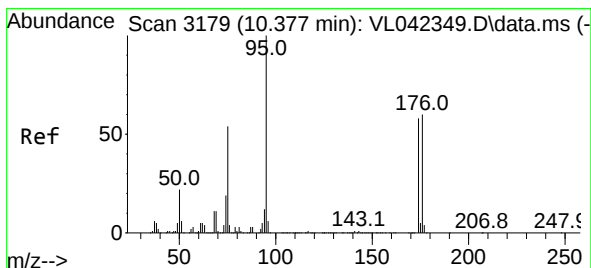
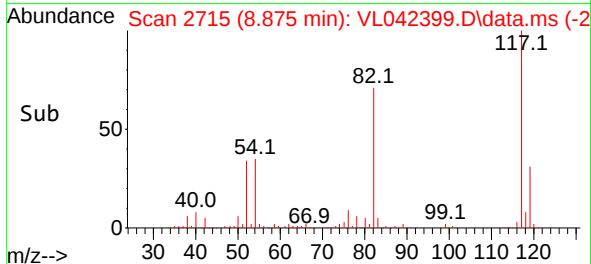
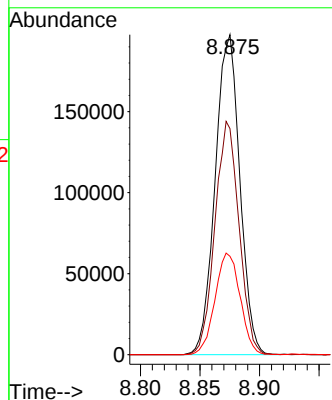
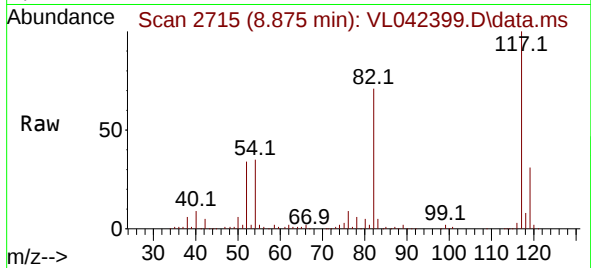




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042399.D
Acq: 21 Apr 2025 11:36

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 284301
Ion Ratio Lower Upper
117 100
82 71.3 57.8 86.6
119 32.4 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.618 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.006 min
Lab File: VL042399.D
Acq: 21 Apr 2025 11:36

Tgt Ion: 95 Resp: 248070
Ion Ratio Lower Upper
95 100
174 54.2 48.5 72.7
175 4.1 3.7 5.5

