

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042316.D
 Acq On : 11 Apr 2025 12:40
 Operator : SY/MD
 Sample : QC041025CAN 10596
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041025CAN 10596

Quant Time: Apr 11 22:59:00 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	2.787	49	170330	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	400070	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	341964	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	254170	9.051	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%

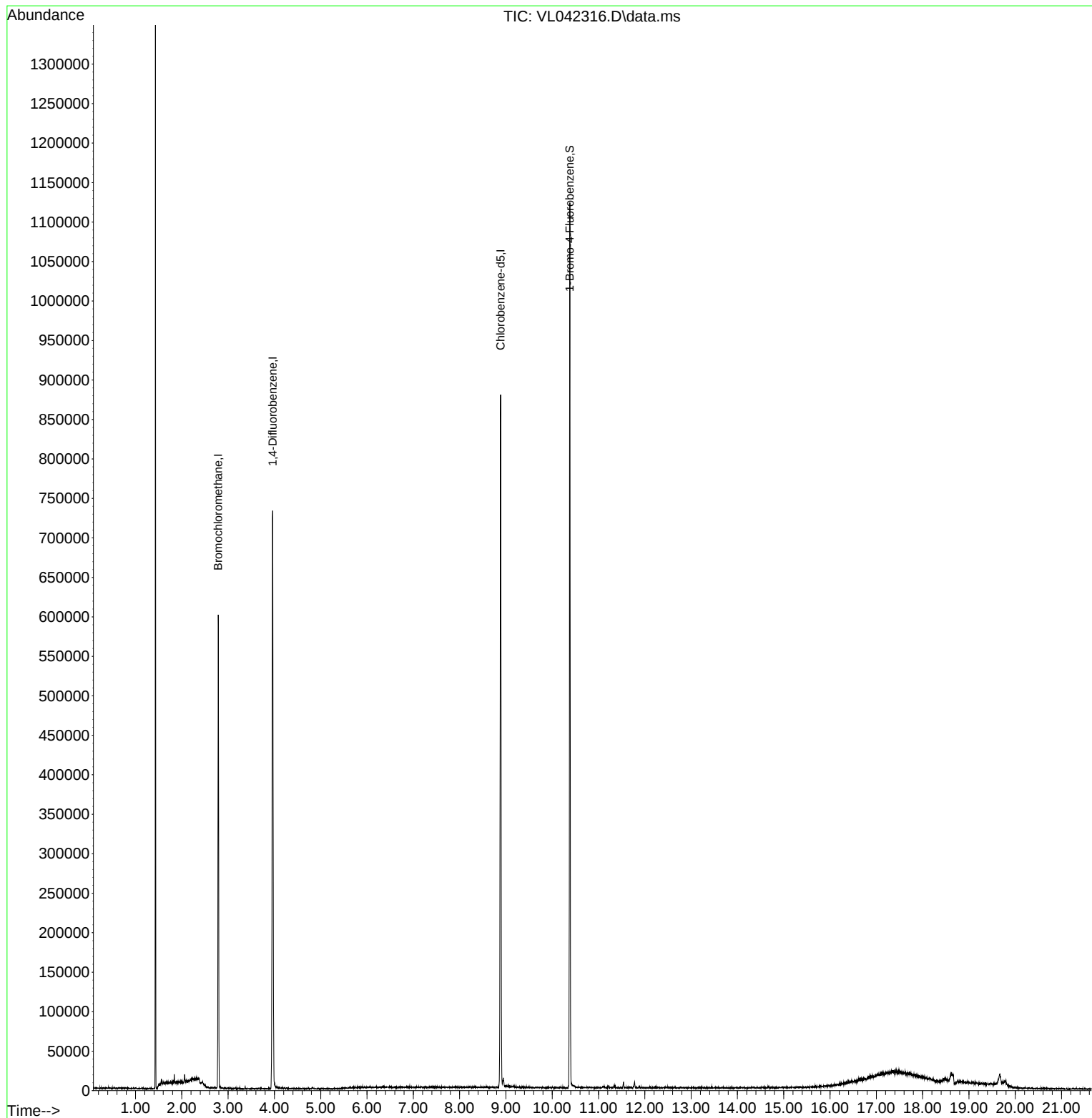
Target Compounds	Qvalue

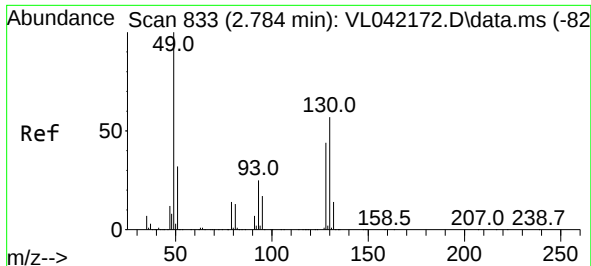
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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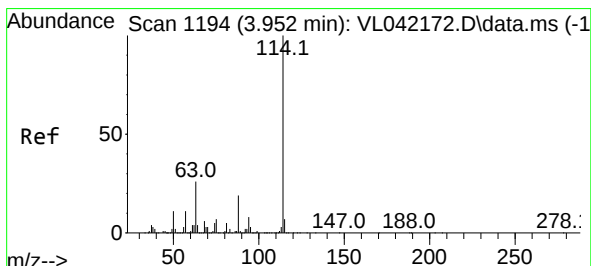
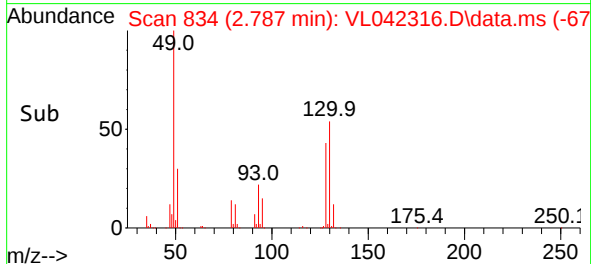
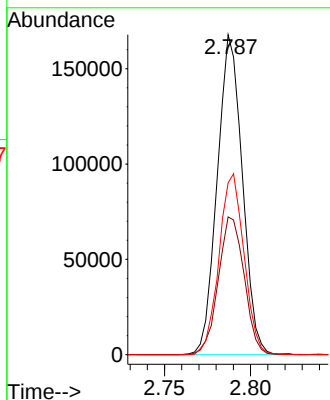
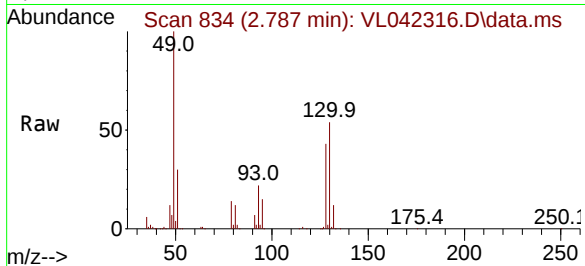




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

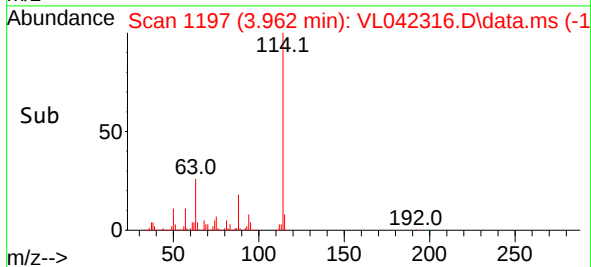
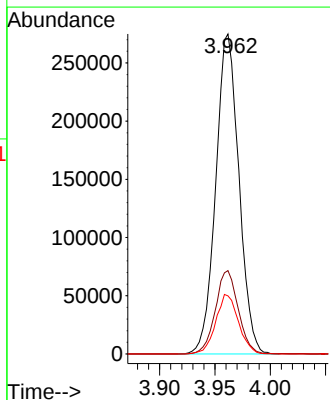
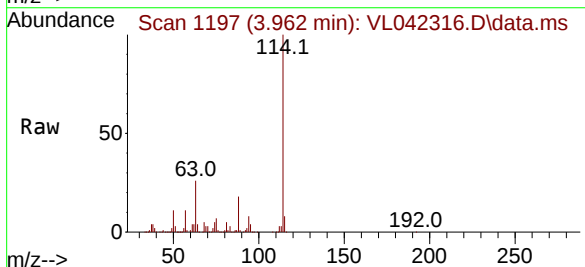
Instrument :
MSVOA_L
ClientSampleId :
QC041025CAN 10596

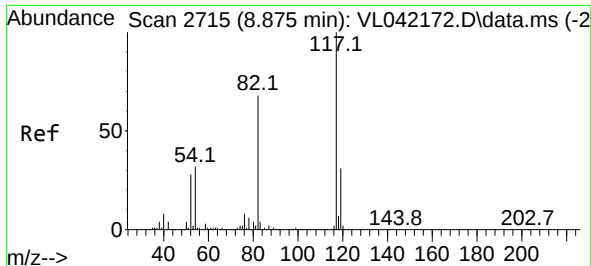
Tgt Ion: 49 Resp: 170330
Ion Ratio Lower Upper
49 100
128 44.4 22.9 68.5
130 56.6 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion: 114 Resp: 400070
Ion Ratio Lower Upper
114 100
63 25.8 20.7 31.1
88 18.2 15.0 22.4

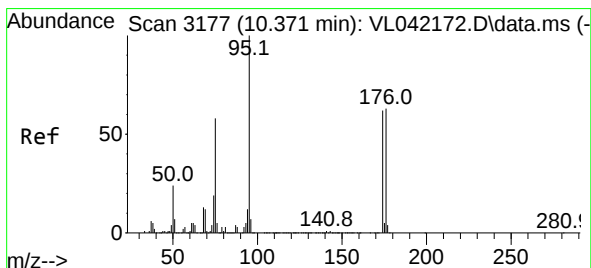
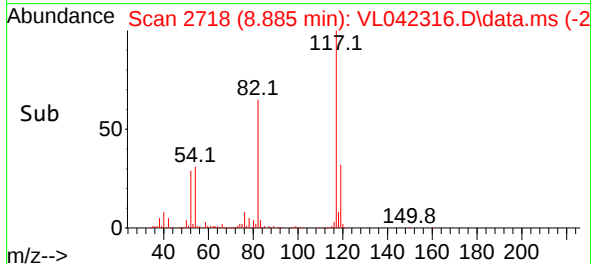
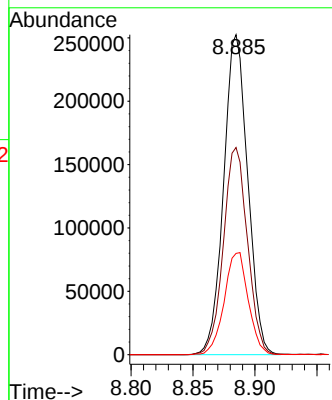
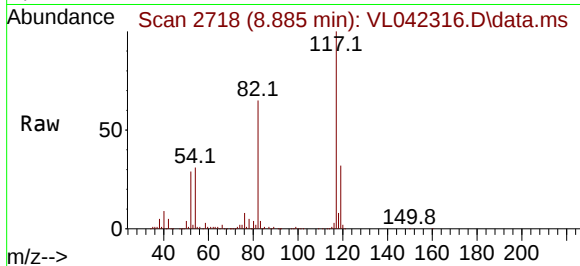




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 117 Resp: 341964
Ion Ratio Lower Upper
117 100
82 65.0 55.8 83.6
119 32.0 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.051 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion: 95 Resp: 254170
Ion Ratio Lower Upper
95 100
174 62.7 50.6 76.0
175 4.8 3.8 5.6

