

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042413.D
 Acq On : 21 Apr 2025 20:18
 Operator : SY/MD
 Sample : QC041725 CA 27806
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041725 CA 27806

Quant Time: Apr 22 02:58:40 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	2.790	49	114661	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	324902	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	277042	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	241442	10.606	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%

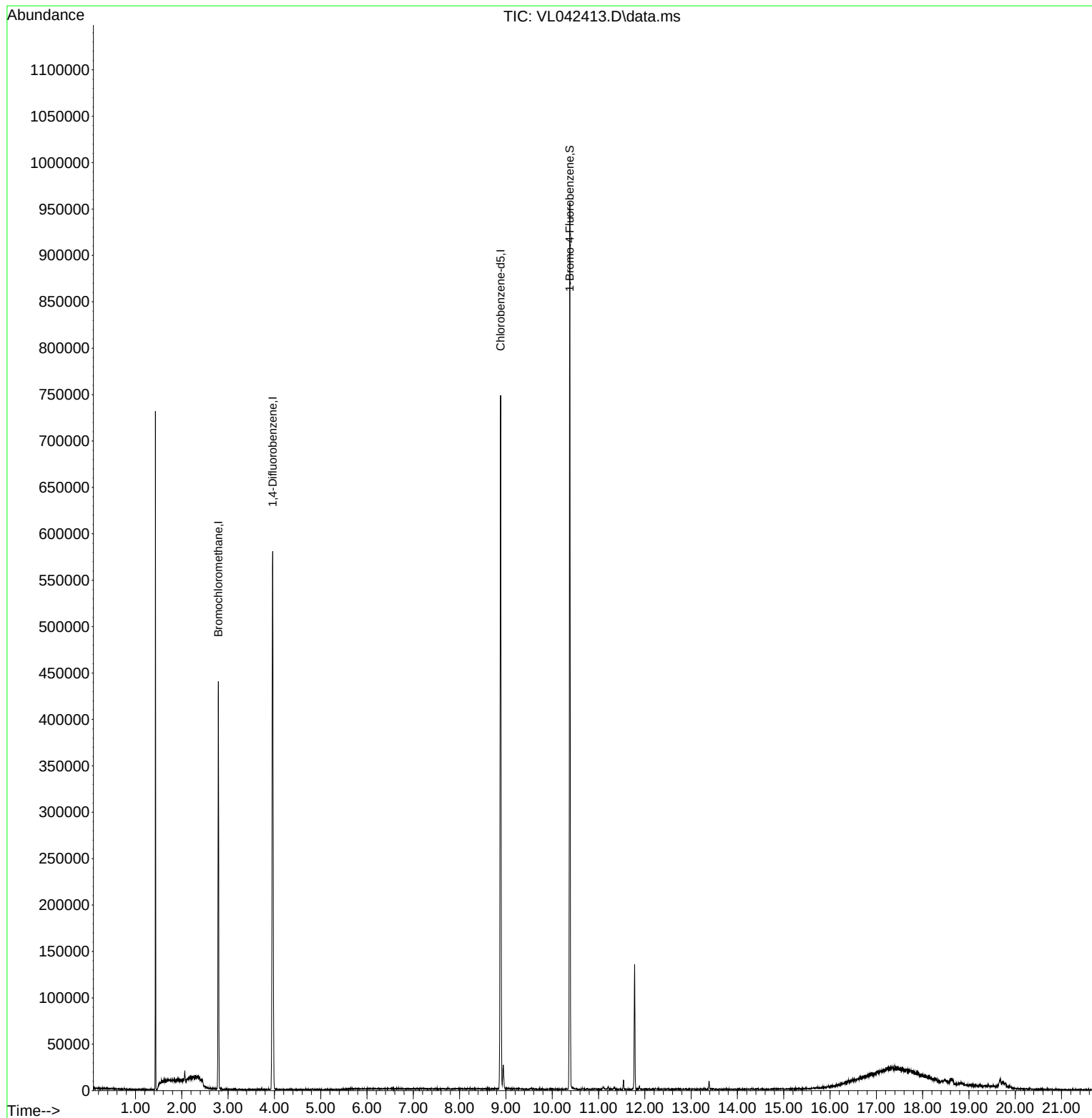
Target Compounds	Qvalue

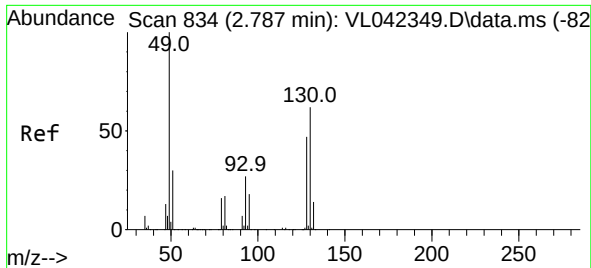
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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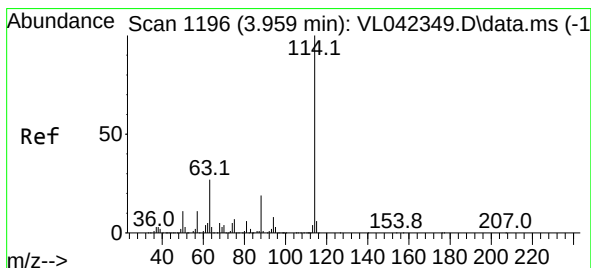
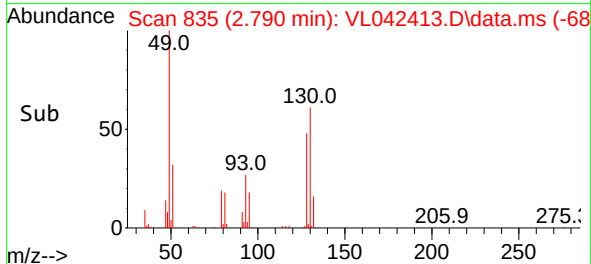
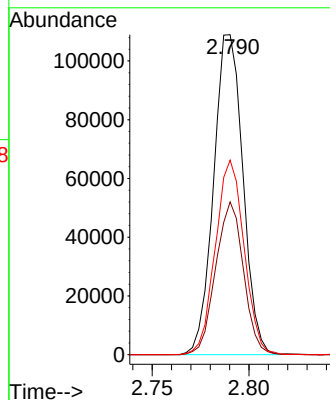
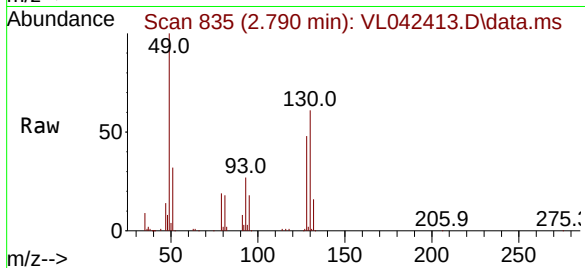




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042413.D
Acq: 21 Apr 2025 20:18

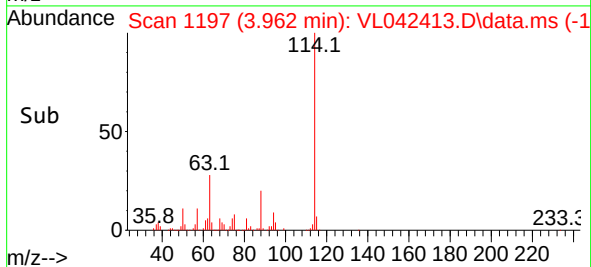
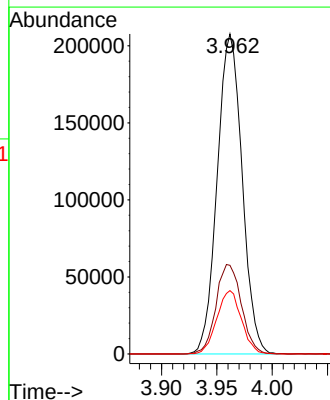
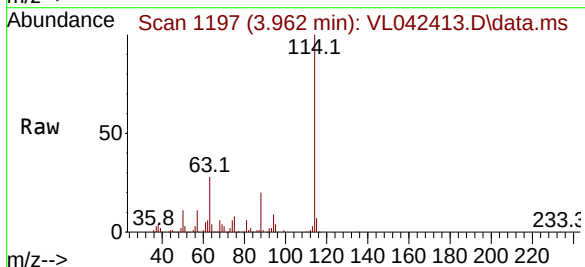
Instrument :
MSVOA_L
ClientSampleId :
QC041725 CA 27806

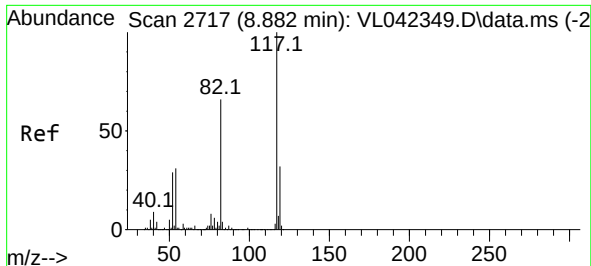
Tgt Ion: 49 Resp: 114661
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.4
130 59.7 29.3 88.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.003 min
Lab File: VL042413.D
Acq: 21 Apr 2025 20:18

Tgt Ion: 114 Resp: 324902
Ion Ratio Lower Upper
114 100
63 28.5 21.8 32.6
88 19.5 15.5 23.3

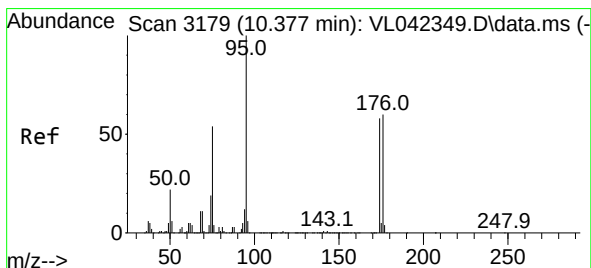
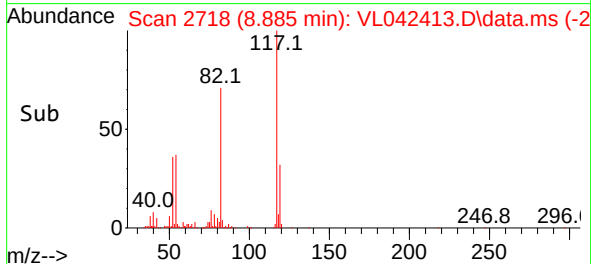
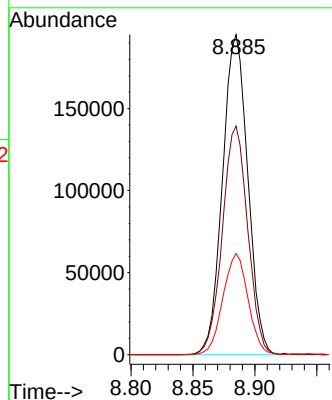
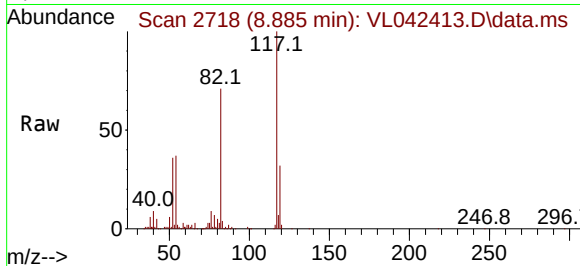




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042413.D
Acq: 21 Apr 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
QC041725 CA 27806

Tgt Ion:117 Resp: 277042
Ion Ratio Lower Upper
117 100
82 71.8 57.8 86.6
119 31.6 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.606 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042413.D
Acq: 21 Apr 2025 20:18

Tgt Ion: 95 Resp: 241442
Ion Ratio Lower Upper
95 100
174 52.6 48.5 72.7
175 3.9 3.7 5.5

