

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040577.D
 Acq On : 31 Jul 2023 17:59
 Operator : SY/MD
 Sample : QC072723 CAN 10303
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC072723 CAN 10303

Quant Time: Aug 01 01:40:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.182	49	1055760	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2542498	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2221001	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1853368	10.544	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

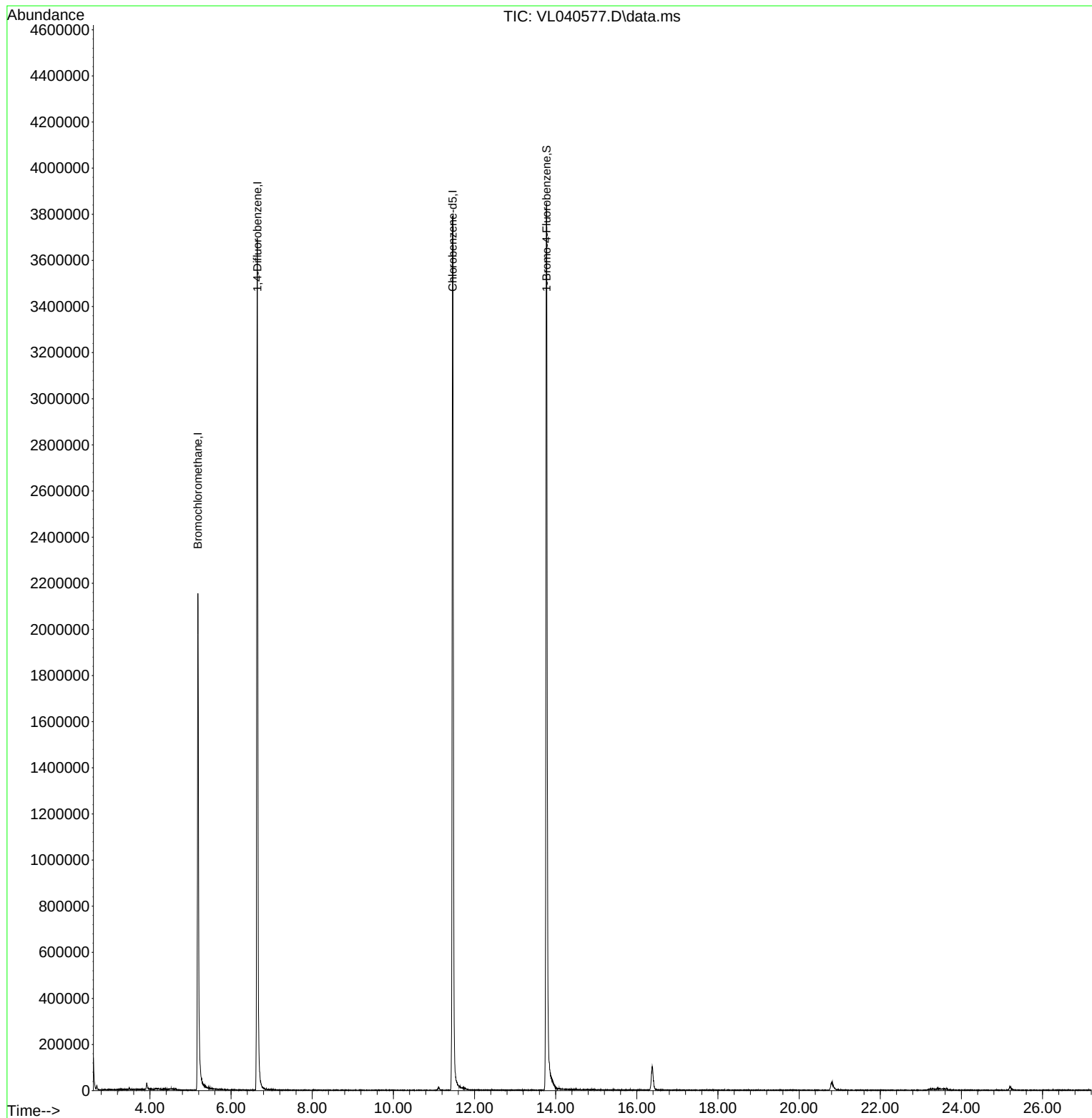
Target Compounds	Qvalue

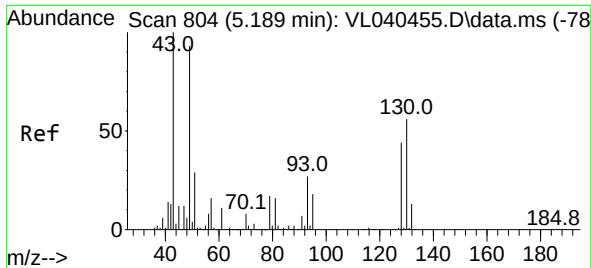
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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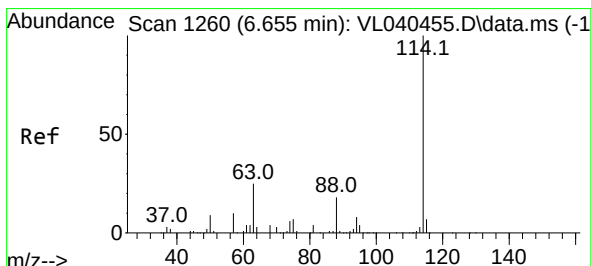
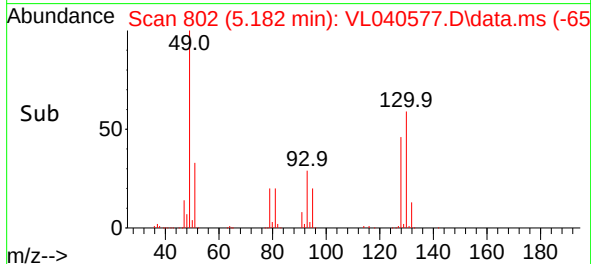
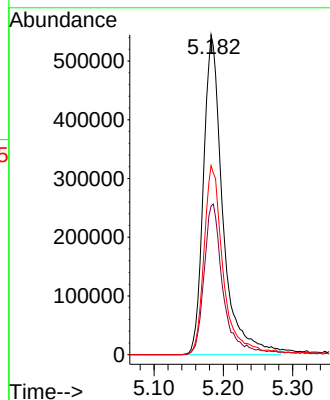
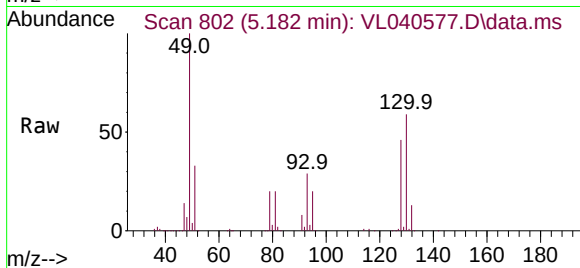




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 804
 Delta R.T. -0.020 min
 Lab File: VL040577.D
 Acq: 31 Jul 2023 17:59

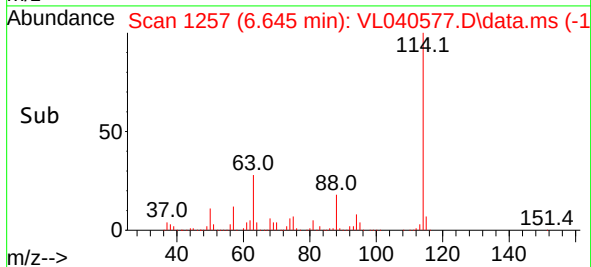
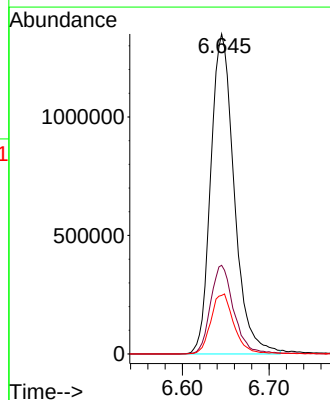
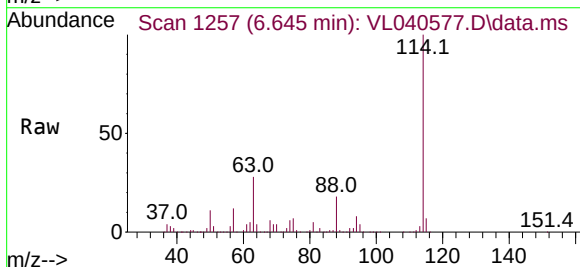
Instrument :
 MSVOA_L
 ClientSampleId :
 QC072723 CAN 10303

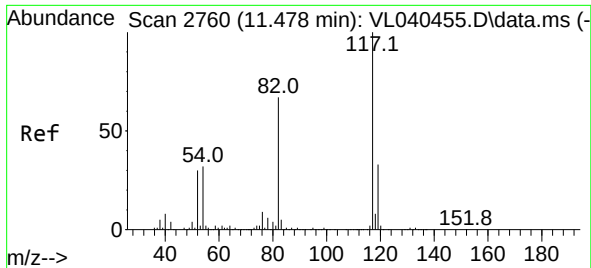
Tgt Ion: 49 Resp: 1055760
 Ion Ratio Lower Upper
 49 100
 128 48.0 25.1 75.4
 130 60.5 31.6 94.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.019 min
 Lab File: VL040577.D
 Acq: 31 Jul 2023 17:59

Tgt Ion: 114 Resp: 2542498
 Ion Ratio Lower Upper
 114 100
 63 27.8 19.6 29.4
 88 18.6 14.2 21.2

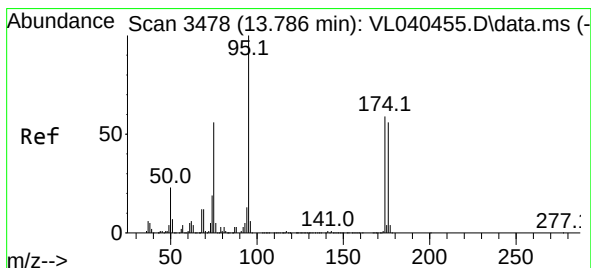
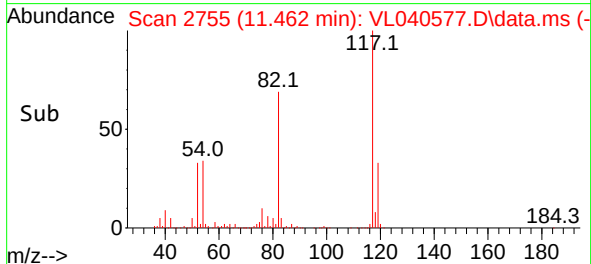
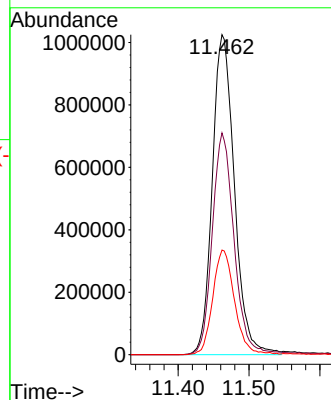
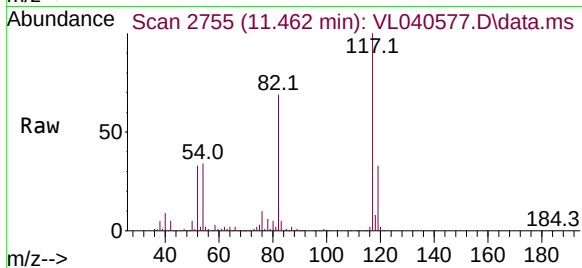




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040577.D
Acq: 31 Jul 2023 17:59

Instrument :
MSVOA_L
ClientSampleId :
QC072723 CAN 10303

Tgt Ion:117 Resp: 2221001
Ion Ratio Lower Upper
117 100
82 68.9 50.2 75.4
119 32.6 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.544 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.006 min
Lab File: VL040577.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 95 Resp: 1853368
Ion Ratio Lower Upper
95 100
174 60.4 50.6 75.8
175 4.1 3.7 5.5

