

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040730.D
 Acq On : 27 Sep 2023 16:55
 Operator : SY/MD
 Sample : QC091923 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091923 CAN 10604

Quant Time: Sep 28 01:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1257972	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3521454	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2945584	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086030	9.166	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%

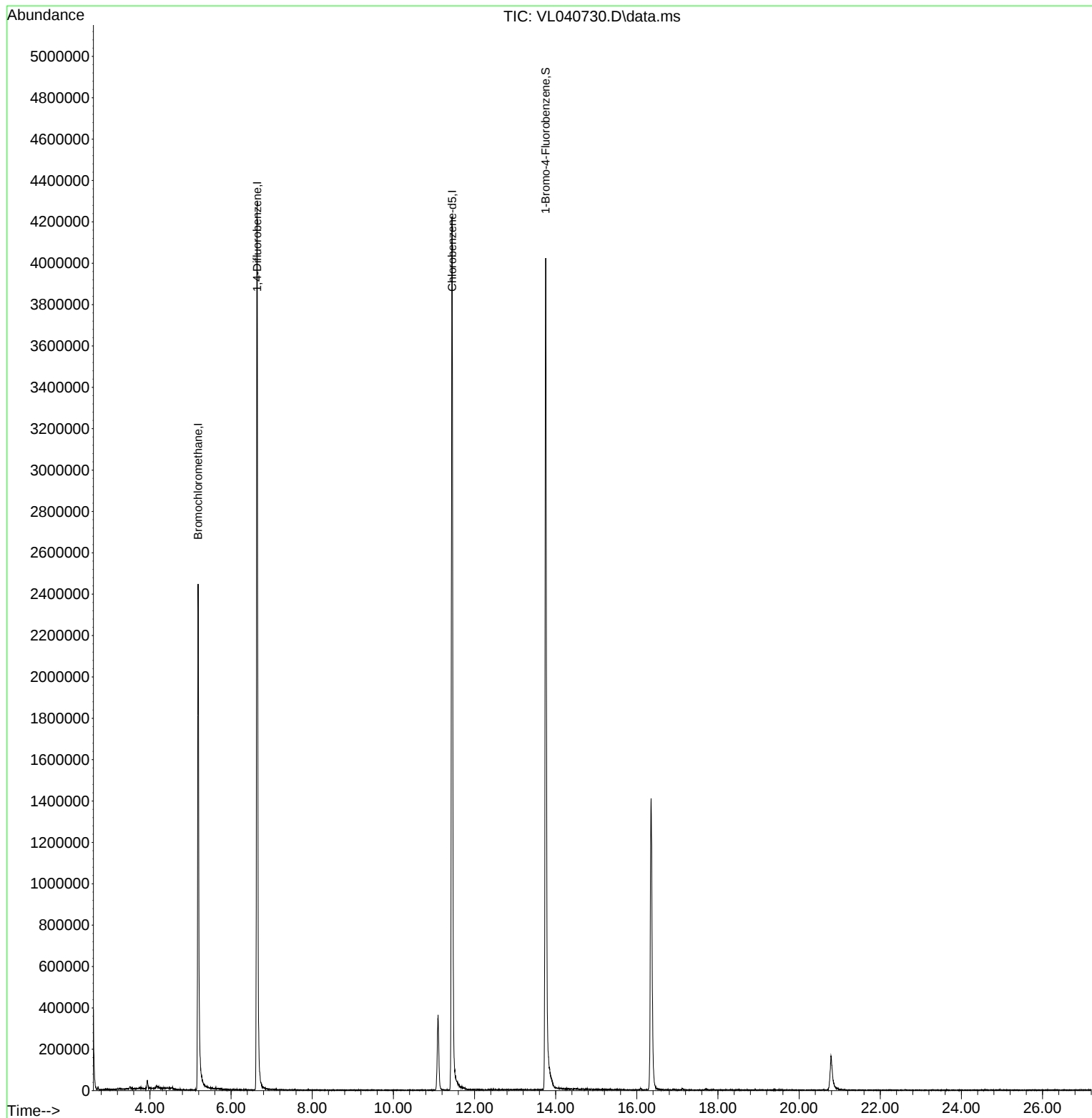
Target Compounds	Qvalue

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

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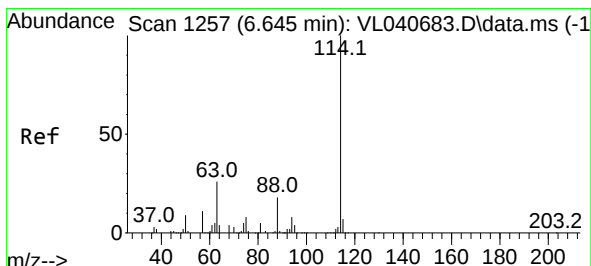
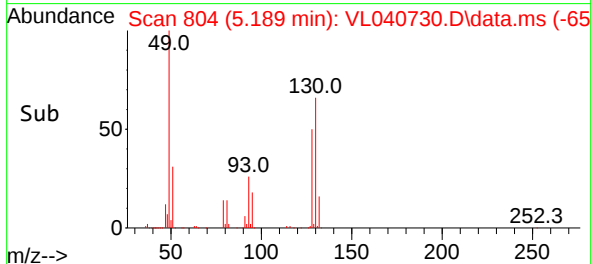
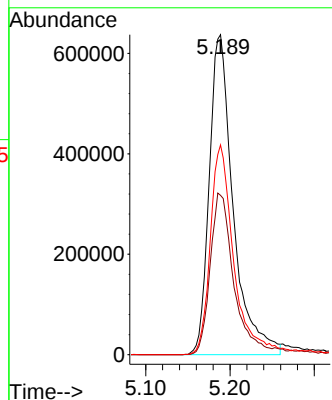
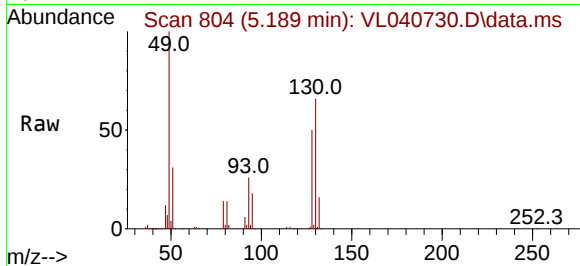




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. -0.009 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

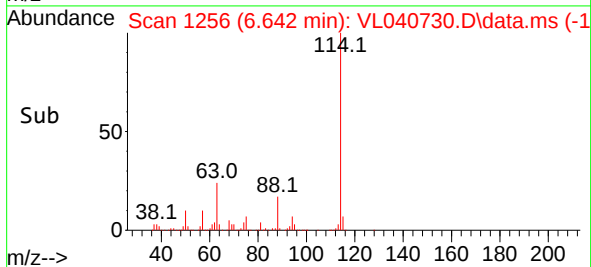
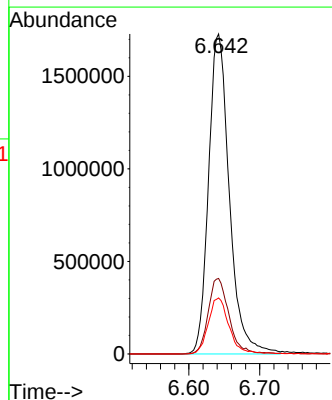
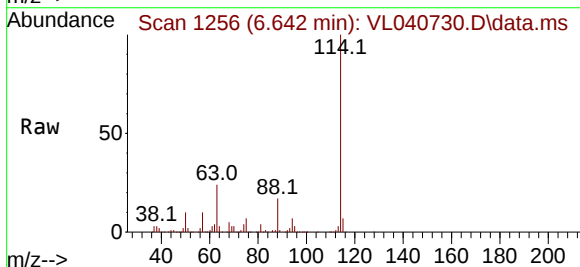
Instrument :
MSVOA_L
ClientSampleId :
QC091923 CAN 10604

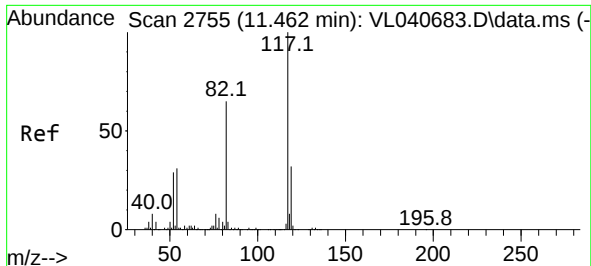
Tgt Ion: 49 Resp: 1257972
Ion Ratio Lower Upper
49 100
128 51.9 25.4 76.0
130 67.2 32.3 96.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Tgt Ion: 114 Resp: 3521454
Ion Ratio Lower Upper
114 100
63 23.7 21.1 31.7
88 17.7 14.5 21.7

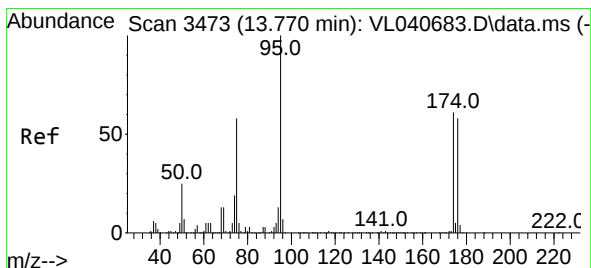
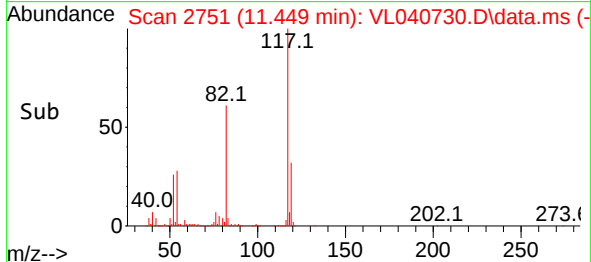
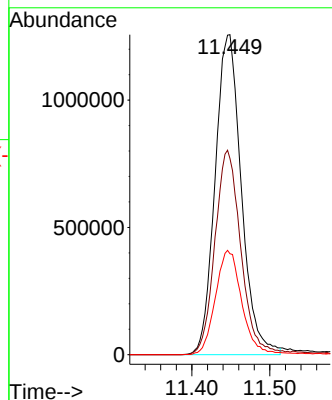
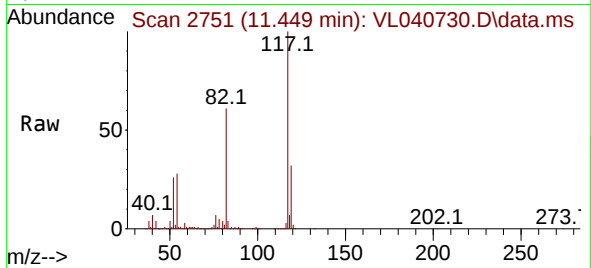




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Instrument :
MSVOA_L
ClientSampleId :
QC091923 CAN 10604

Tgt Ion:117 Resp: 2945584
Ion Ratio Lower Upper
117 100
82 64.2 51.4 77.0
119 33.2 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.166 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.032 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Tgt Ion: 95 Resp: 2086030
Ion Ratio Lower Upper
95 100
174 69.3 48.9 73.3
175 4.6 3.5 5.3

