

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040525.D
 Acq On : 11 Jul 2023 9:22
 Operator : SY/MD
 Sample : QC071023 CAN 10258
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC071023 CAN 10258

Quant Time: Jul 11 14:56:42 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	5.192	49	969423	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2481012	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2140630	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1681496	9.925	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

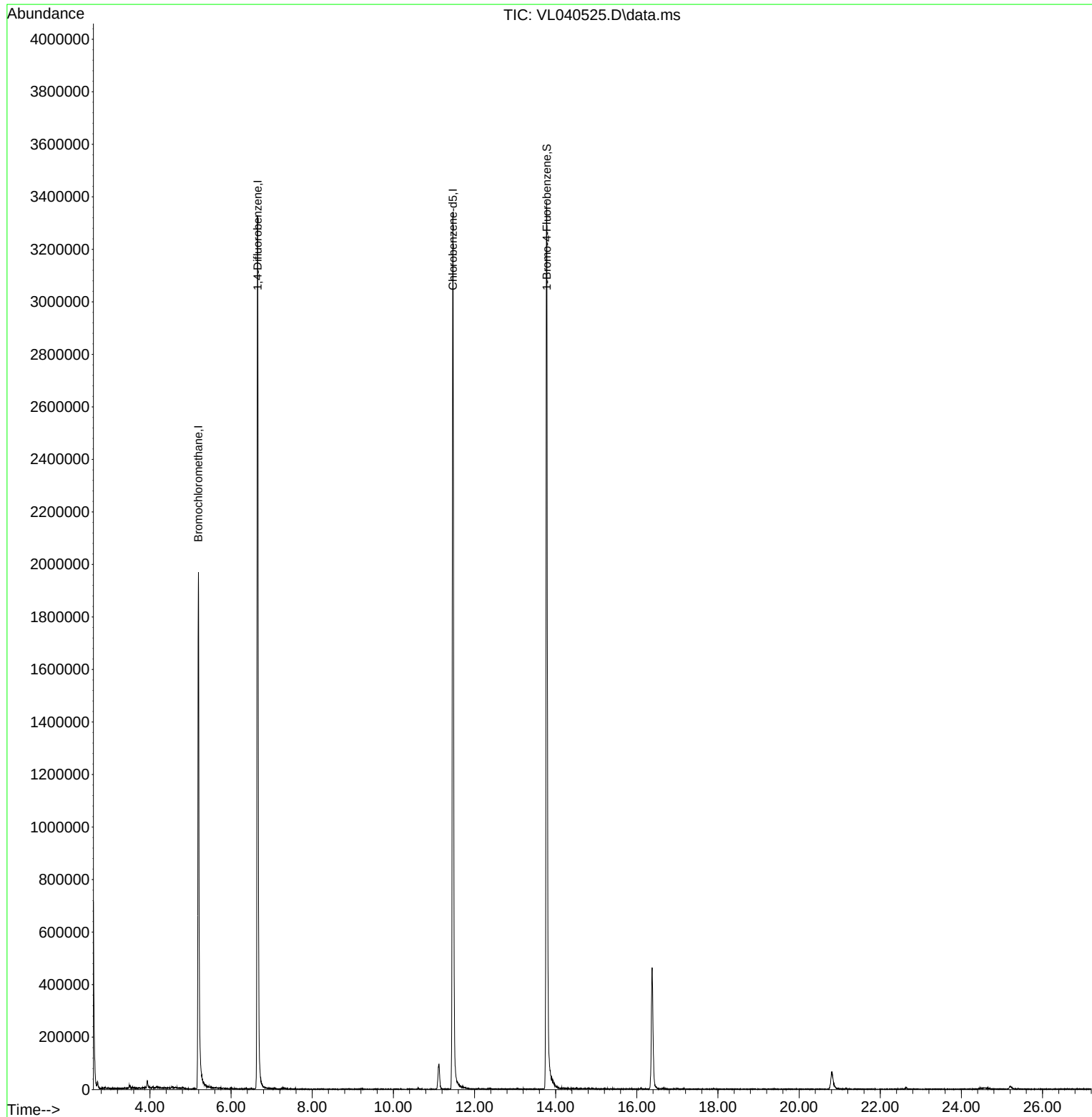
Target Compounds	Qvalue

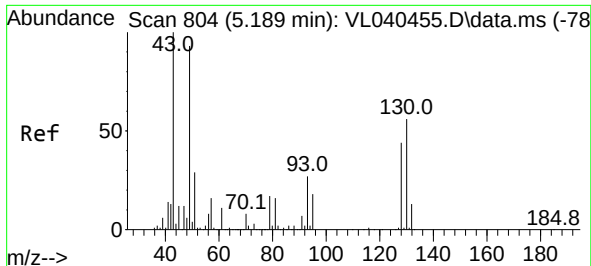
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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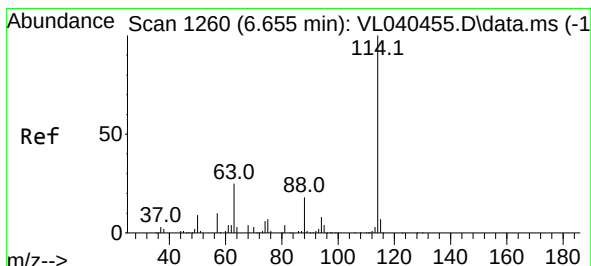
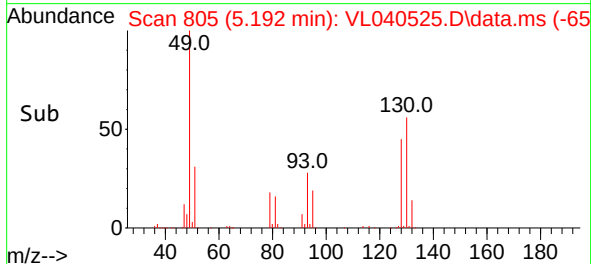
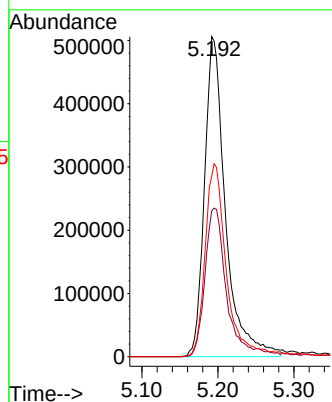
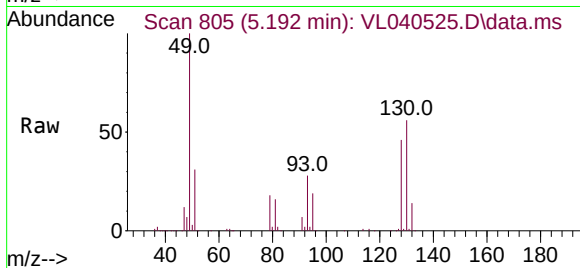




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040525.D
Acq: 11 Jul 2023 9:22

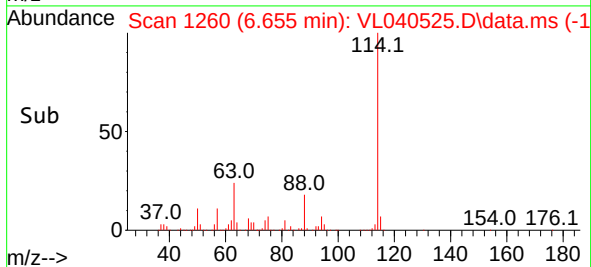
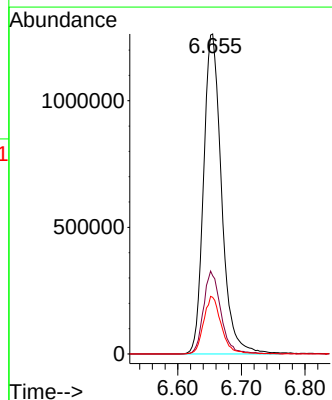
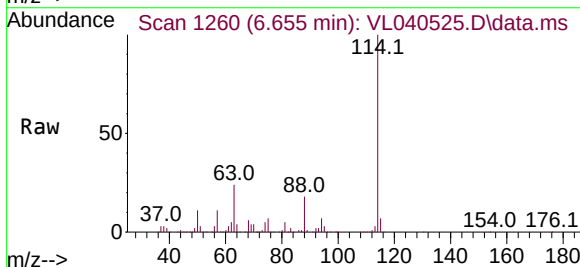
Instrument :
MSVOA_L
ClientSampleId :
QC071023 CAN 10258

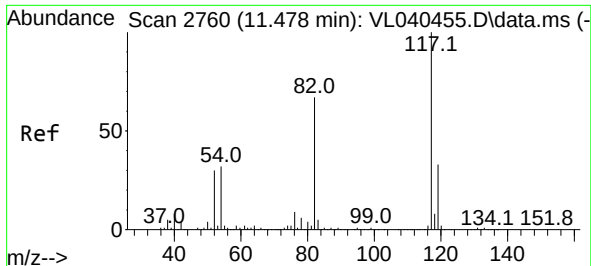
Tgt Ion: 49 Resp: 969423
Ion Ratio Lower Upper
49 100
128 49.5 25.1 75.4
130 62.4 31.6 94.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040525.D
Acq: 11 Jul 2023 9:22

Tgt Ion: 114 Resp: 2481012
Ion Ratio Lower Upper
114 100
63 25.3 19.6 29.4
88 17.7 14.2 21.2

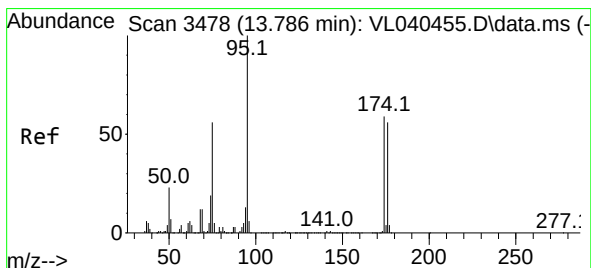
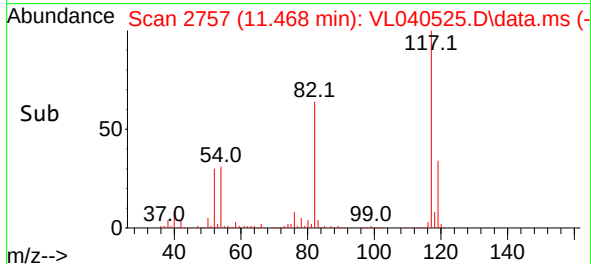
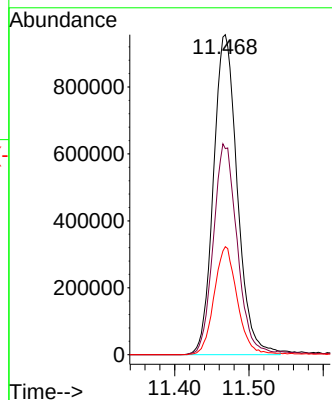
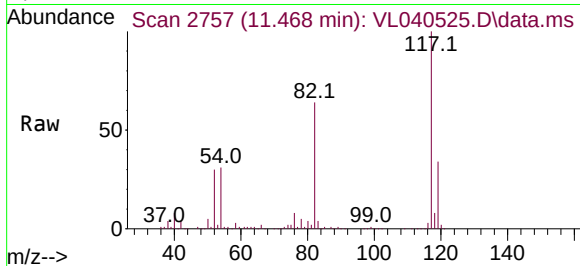




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040525.D
Acq: 11 Jul 2023 9:22

Instrument :
MSVOA_L
ClientSampleId :
QC071023 CAN 10258

Tgt Ion:117 Resp: 2140630
Ion Ratio Lower Upper
117 100
82 67.0 50.2 75.4
119 33.0 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.925 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040525.D
Acq: 11 Jul 2023 9:22

Tgt Ion: 95 Resp: 1681496
Ion Ratio Lower Upper
95 100
174 61.8 50.6 75.8
175 4.3 3.7 5.5

