

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040765.D
 Acq On : 11 Oct 2023 21:04
 Operator : SY/MD
 Sample : QC100423 CAN 1010410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

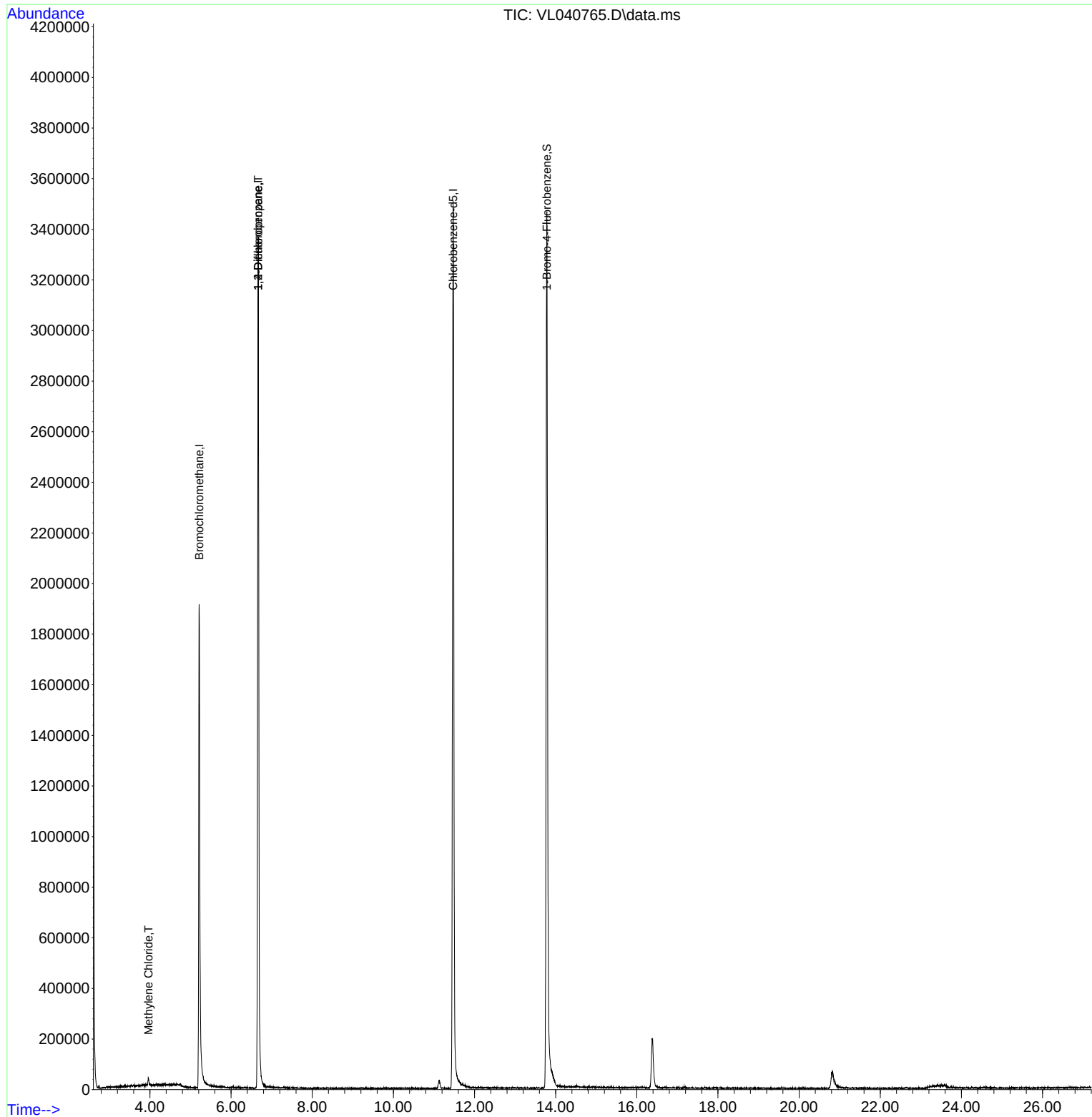
Internal Standards						
1) Bromochloromethane	5.214	49	1007370	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2812509	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2559401	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1934900	10.274	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.964	84	9545	0.220	ppbv #	75
39) 1,2-Dichloropropane	6.668	63	656806	7.771	ppbv #	26

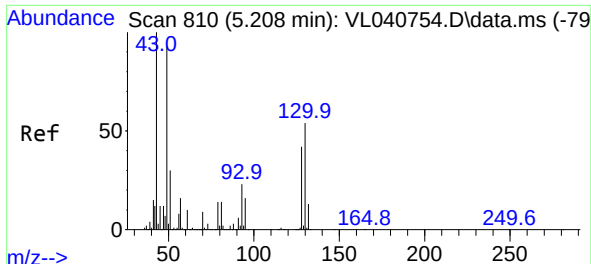
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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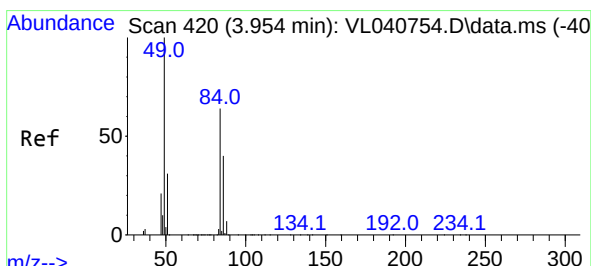
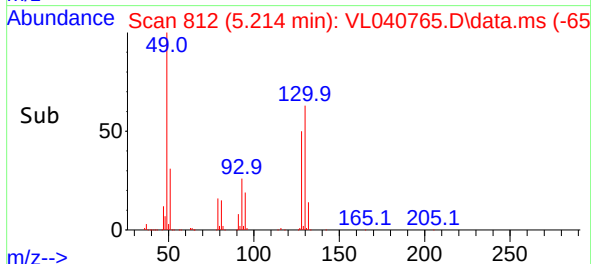
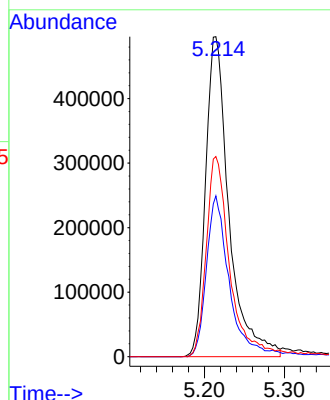
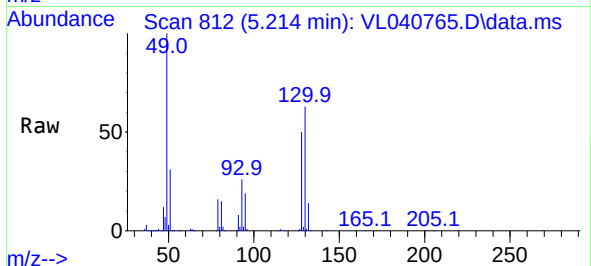




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

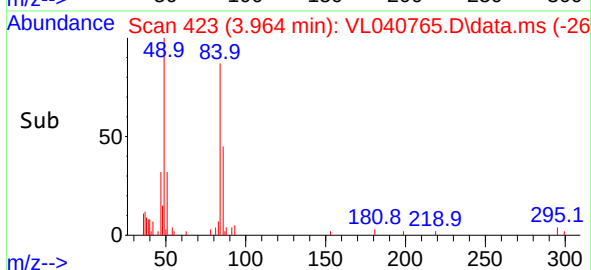
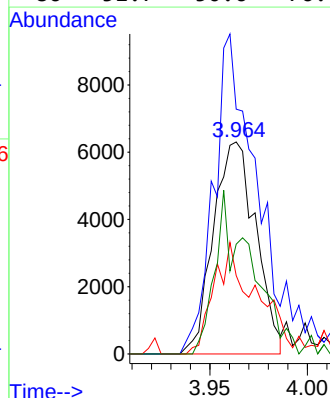
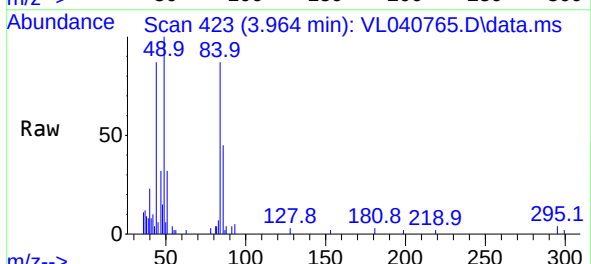
Instrument :
MSVOA_L
ClientSampleId :

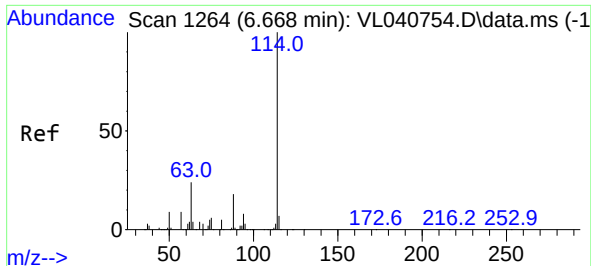
Tgt Ion: 49 Resp: 1007370
Ion Ratio Lower Upper
49 100
128 51.0 23.9 71.7
130 64.9 30.7 92.1



#20
Methylene Chloride
Concen: 0.220 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.010 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

Tgt Ion: 84 Resp: 9545
Ion Ratio Lower Upper
84 100
49 115.4 125.6 188.4#
51 37.0 38.9 58.3#
86 51.7 50.6 76.0

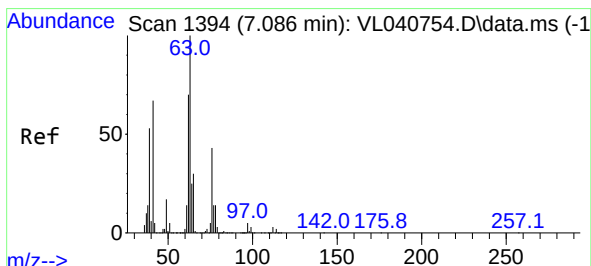
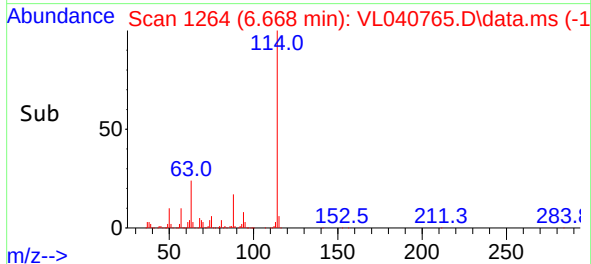
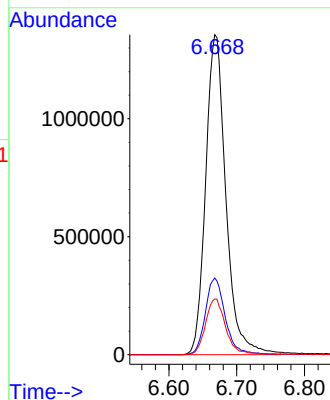
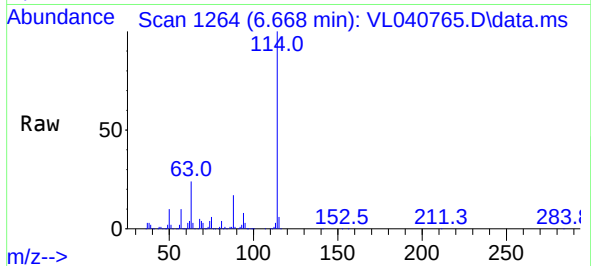




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

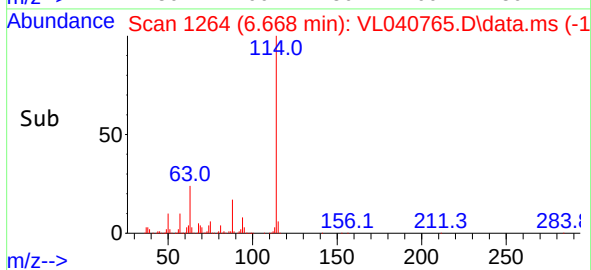
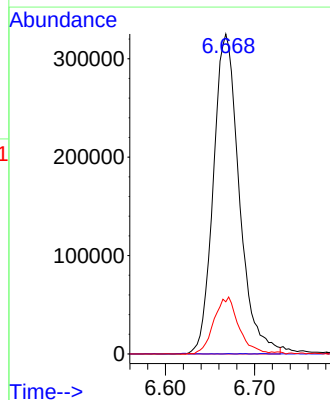
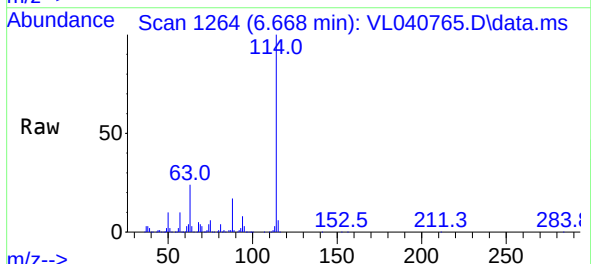
Instrument :
MSVOA_L
ClientSampleId :

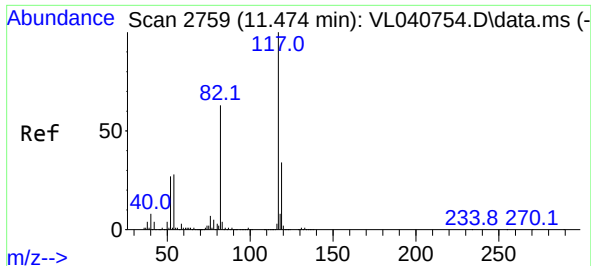
Tgt Ion:114 Resp: 2812509
Ion Ratio Lower Upper
114 100
63 23.9 19.8 29.6
88 17.4 14.2 21.2



#39
1,2-Dichloropropane
Concen: 7.771 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.418 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

Tgt Ion: 63 Resp: 656806
Ion Ratio Lower Upper
63 100
41 0.1 53.7 80.5#
62 16.3 55.7 83.5#

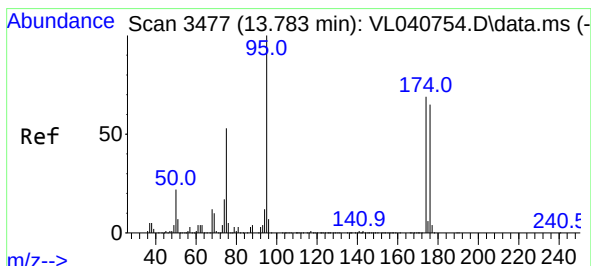
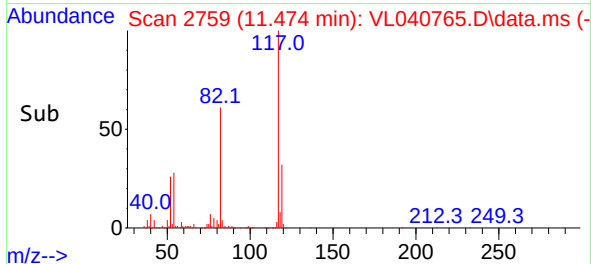
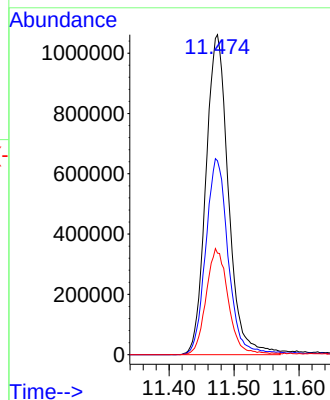
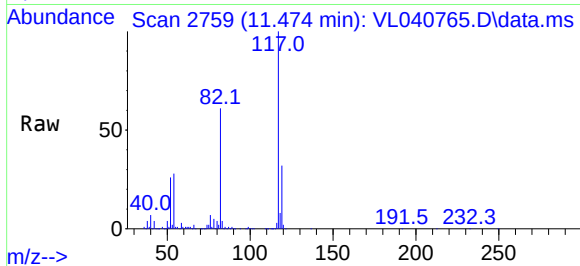




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2559401
Ion Ratio Lower Upper
117 100
82 62.7 46.6 70.0
119 33.1 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.274 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040765.D
Acq: 11 Oct 2023 21:04

Tgt Ion: 95 Resp: 1934900
Ion Ratio Lower Upper
95 100
174 68.6 54.7 82.1
175 5.4 4.2 6.4

