

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040544.D
 Acq On : 26 Jul 2023 15:41
 Operator : SY/MD
 Sample : VL0726ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0726ABL02

Quant Time: Jul 27 01:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.179	49	871530	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2081456	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	1781143	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	1319896	9.363	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%

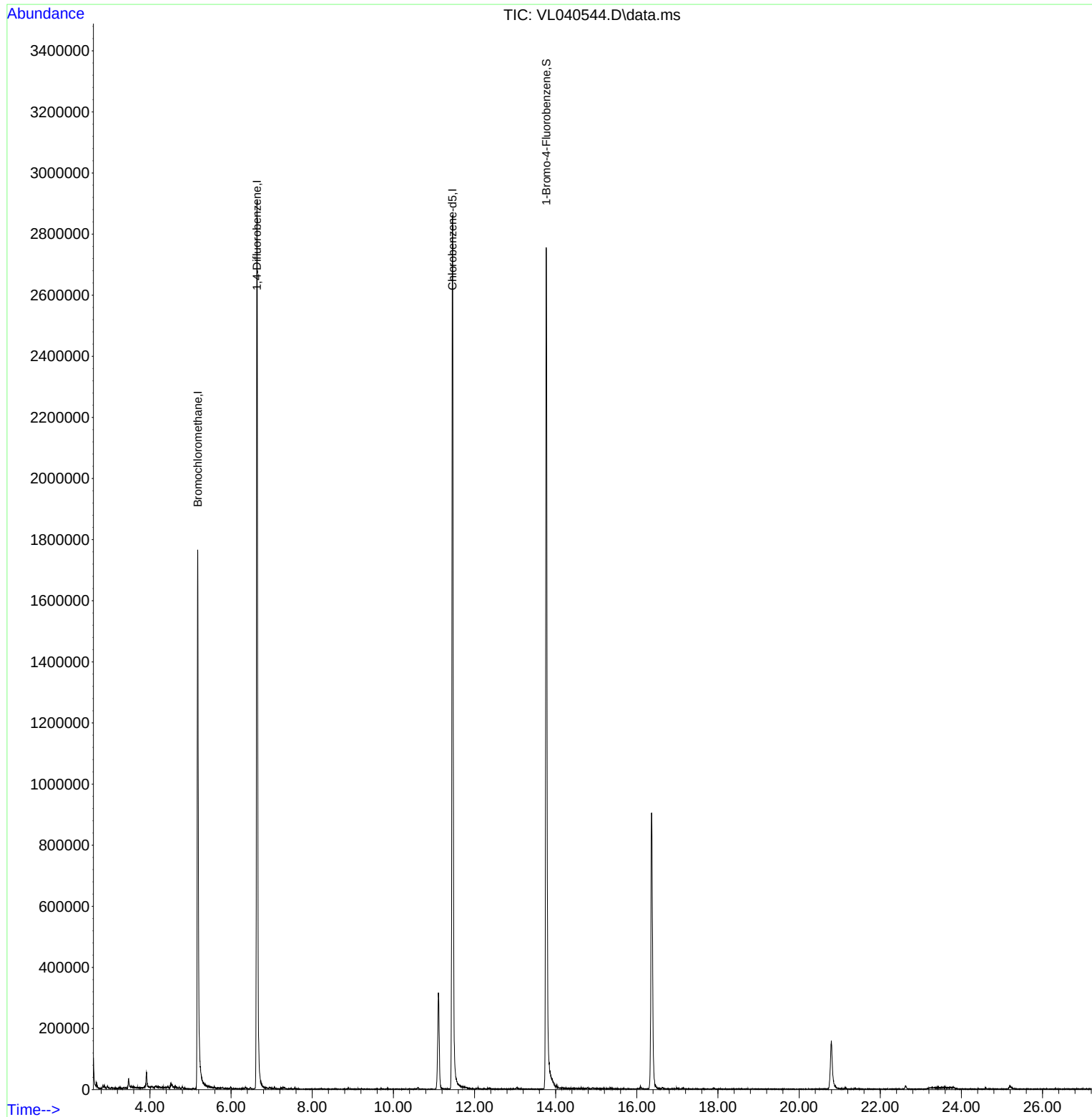
Target Compounds	Qvalue

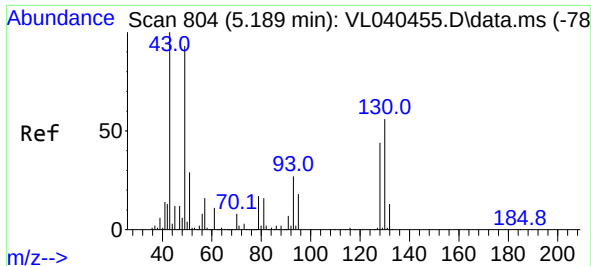
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 01:51:17 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

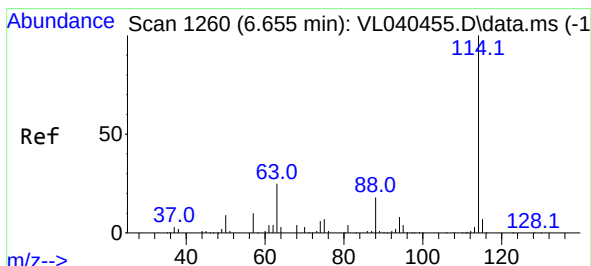
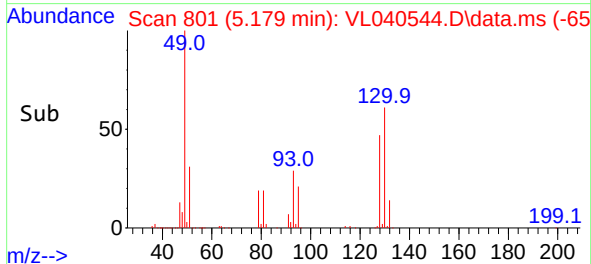
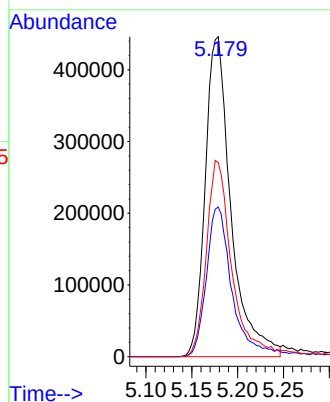
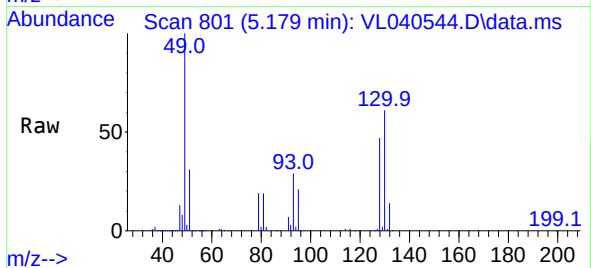




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.023 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

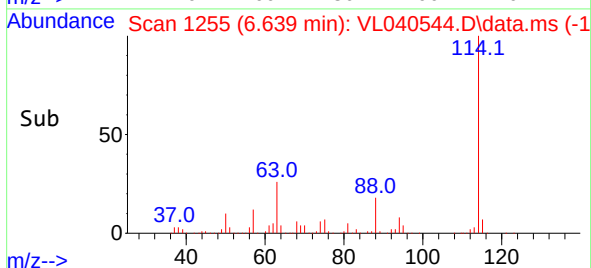
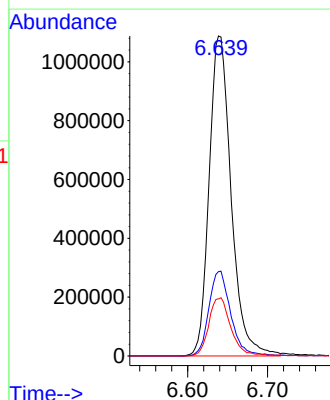
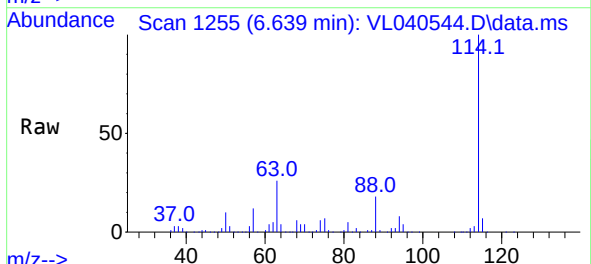
Instrument :
MSVOA_1
ClientSampleId :
VL0726ABL02

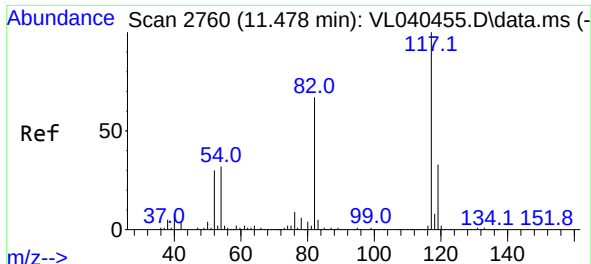
Tgt Ion: 49 Resp: 871530
Ion Ratio Lower Upper
49 100
128 48.4 25.1 75.4
130 62.8 31.6 94.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

Tgt Ion: 114 Resp: 2081456
Ion Ratio Lower Upper
114 100
63 26.4 19.6 29.4
88 18.4 14.2 21.2

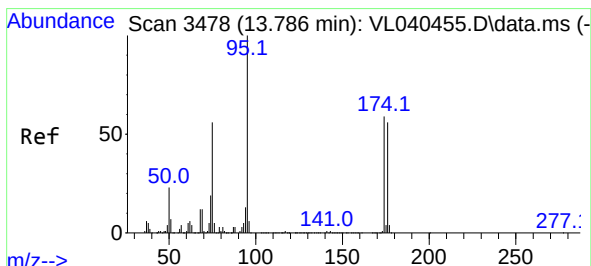
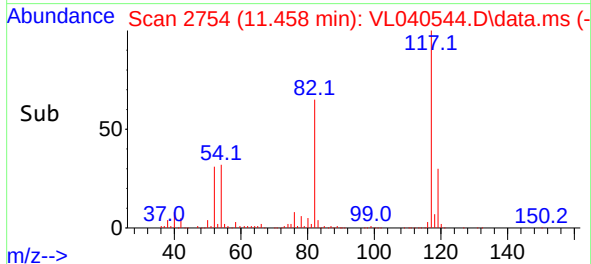
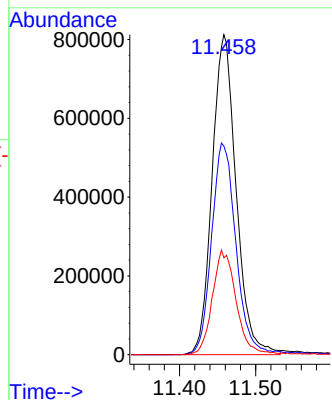
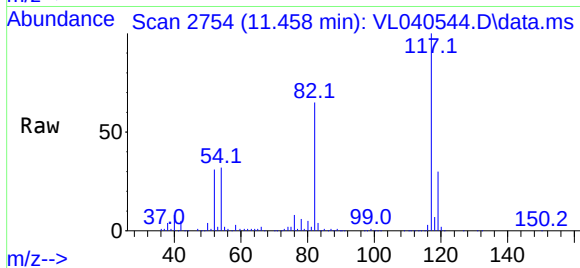




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABL02

Tgt Ion:117 Resp: 1781143
Ion Ratio Lower Upper
117 100
82 67.7 50.2 75.4
119 32.8 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.363 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.013 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

Tgt Ion: 95 Resp: 1319896
Ion Ratio Lower Upper
95 100
174 61.9 50.6 75.8
175 4.3 3.7 5.5

