

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040645.D
 Acq On : 5 Sep 2023 13:00
 Operator : SY/MD
 Sample : VL0905ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABL01

Quant Time: Sep 06 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	967439	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2591446	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2205596	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1750749	9.981	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

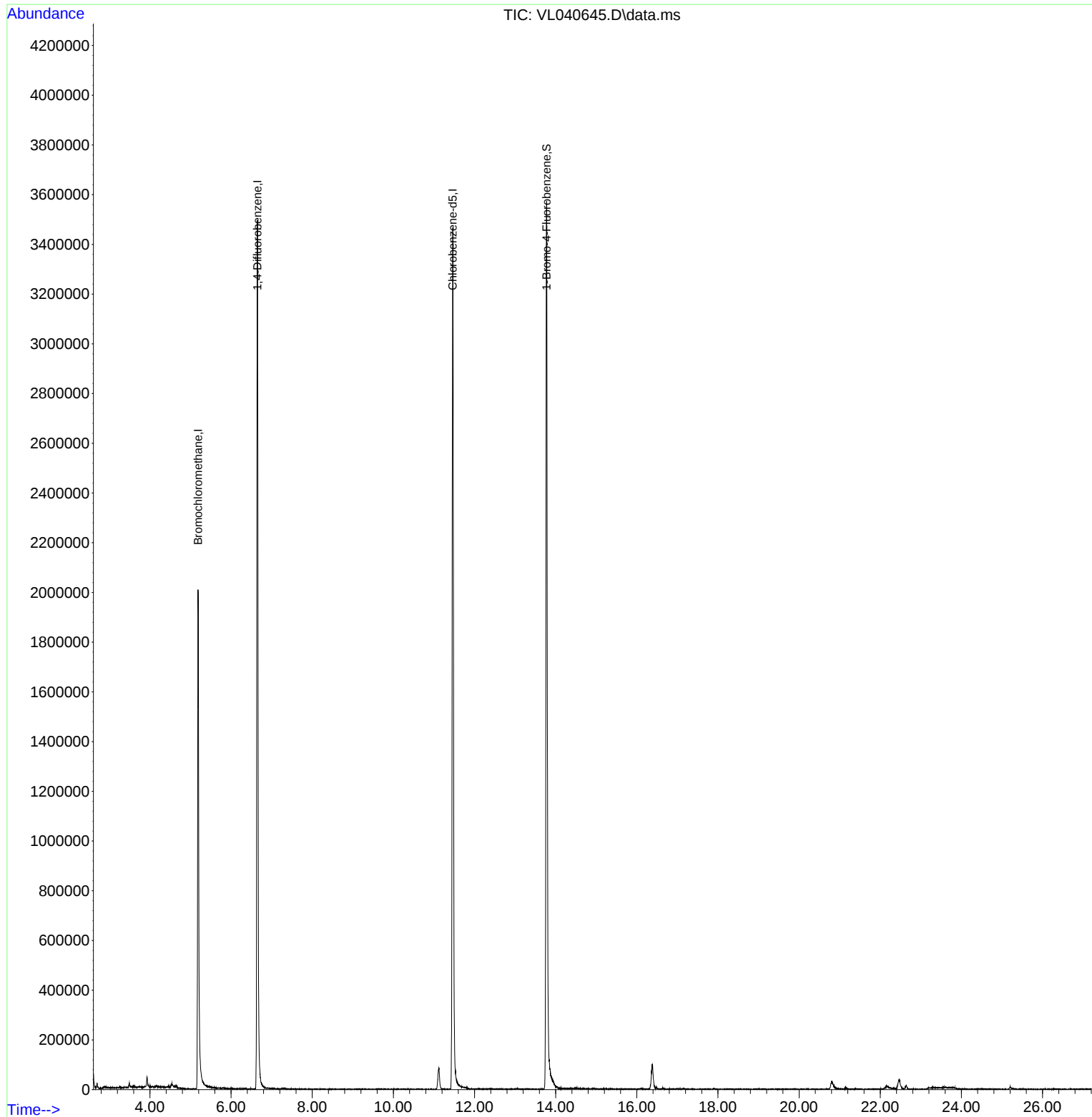
Target Compounds	Qvalue

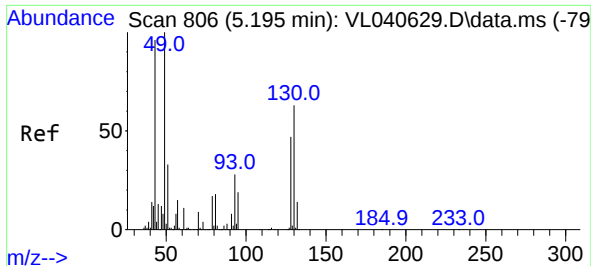
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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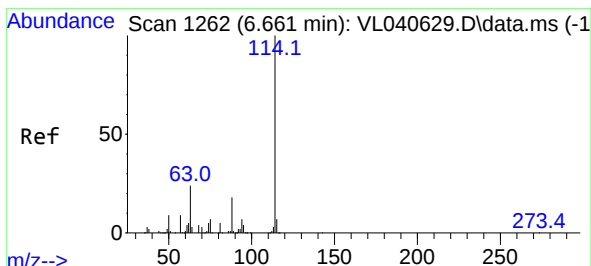
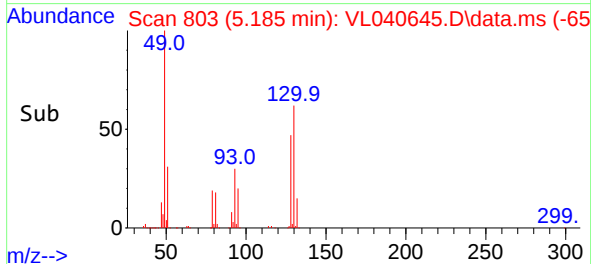
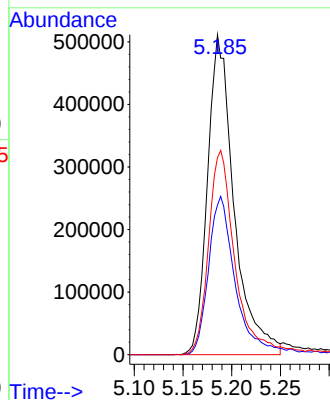
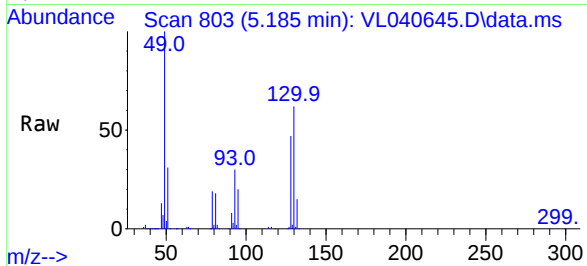




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

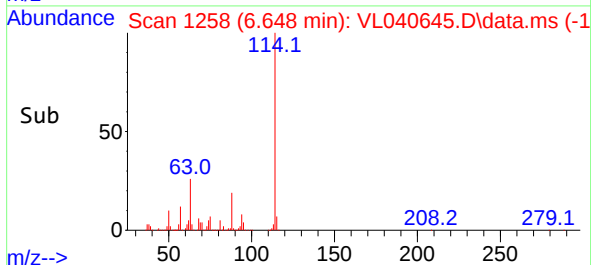
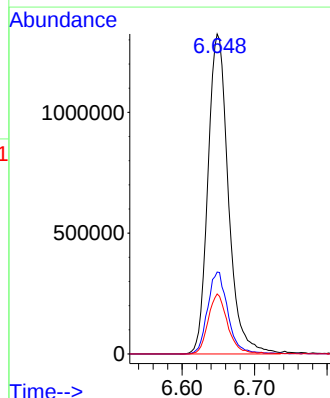
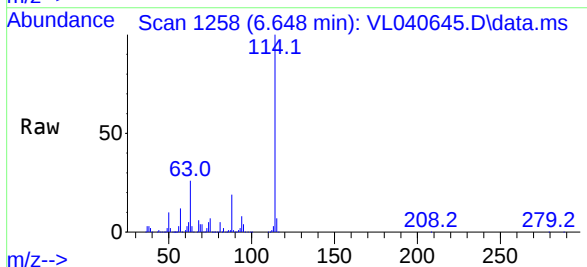
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

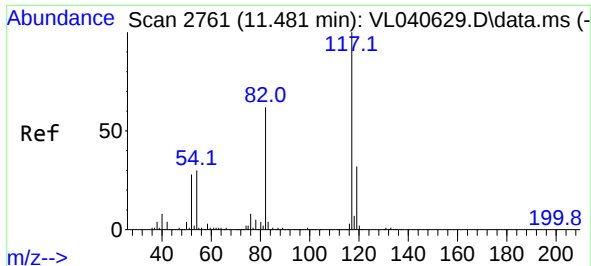
Tgt Ion: 49 Resp: 967439
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.7
130 66.5 32.2 96.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Tgt Ion:114 Resp: 2591446
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.2
88 18.1 14.1 21.1

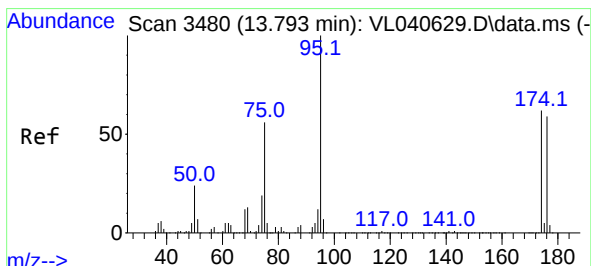
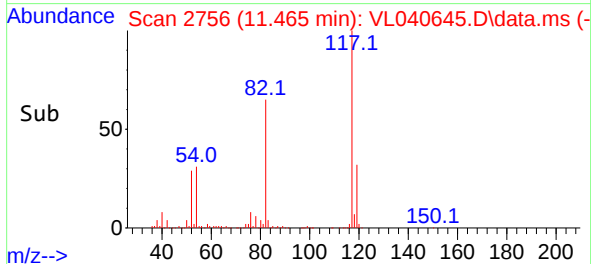
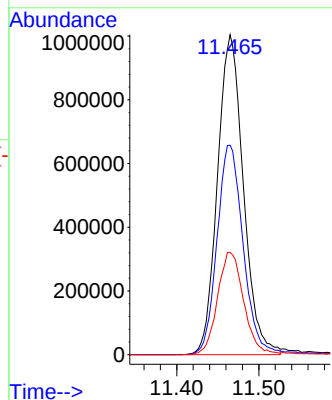
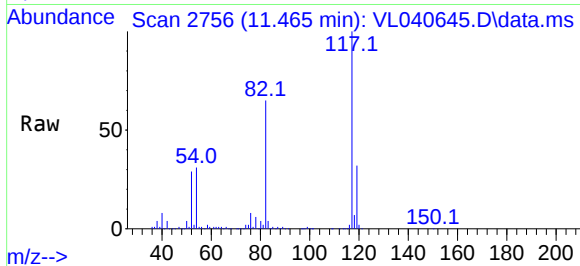




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

Tgt Ion:117 Resp: 2205596
Ion Ratio Lower Upper
117 100
82 67.1 49.5 74.3
119 33.1 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Tgt Ion: 95 Resp: 1750749
Ion Ratio Lower Upper
95 100
174 63.3 49.1 73.7
175 4.4 3.7 5.5

