

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040857.D
 Acq On : 14 Nov 2023 19:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 16 04:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1075079	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2915216	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2583394	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.745	95	1969253	9.736	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

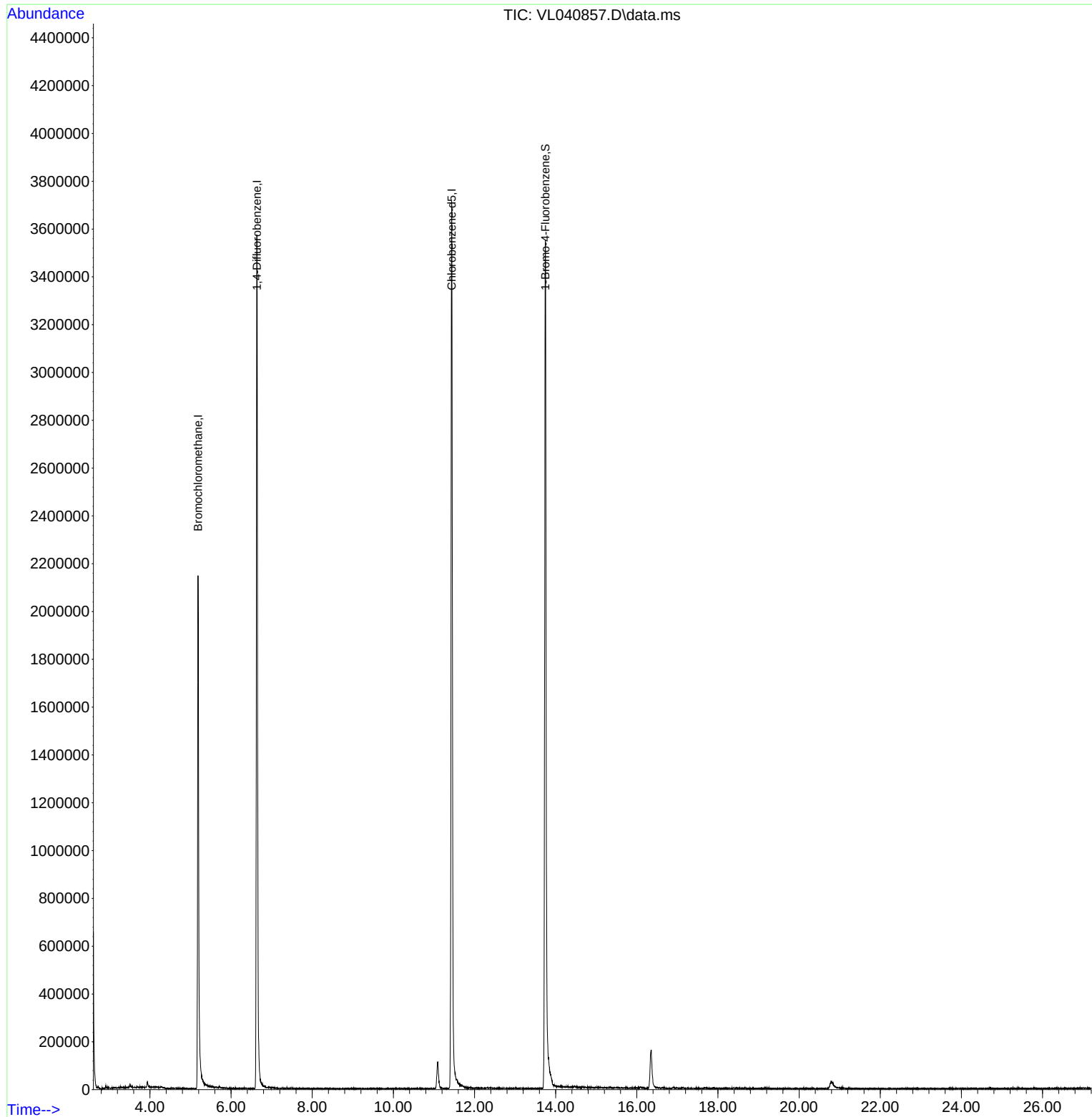
Target Compounds	Qvalue

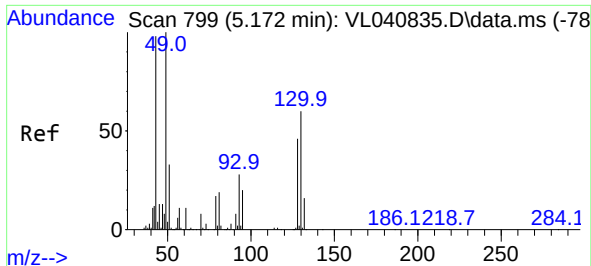
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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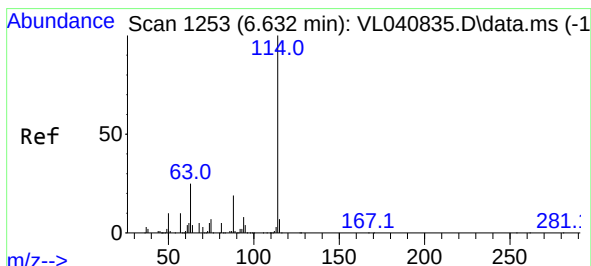
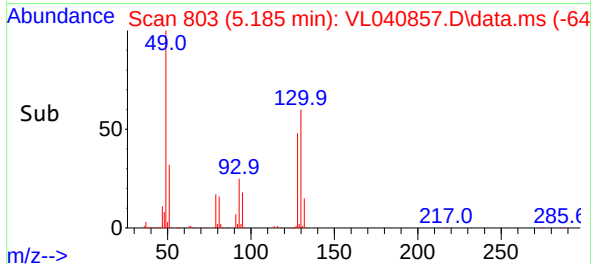
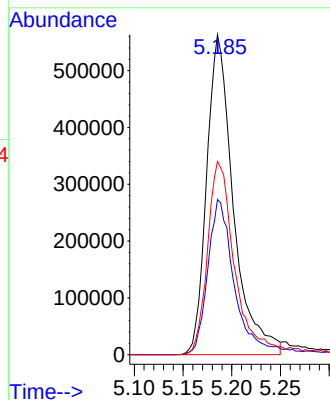
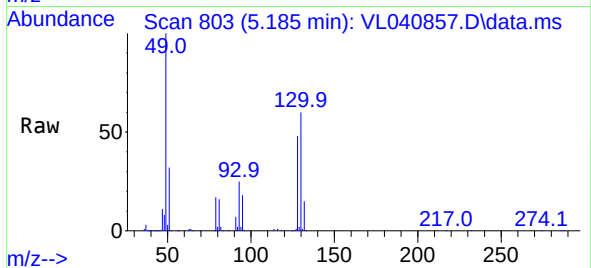




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

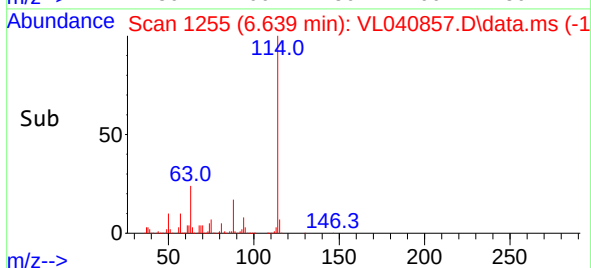
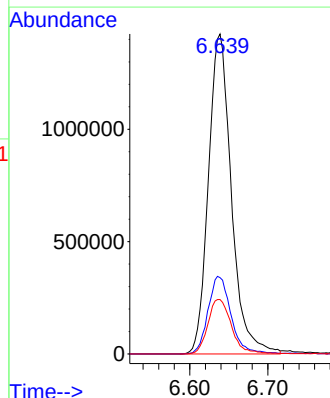
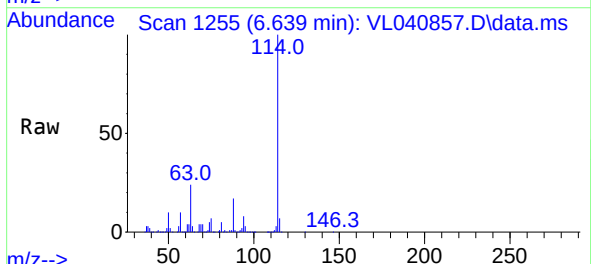
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

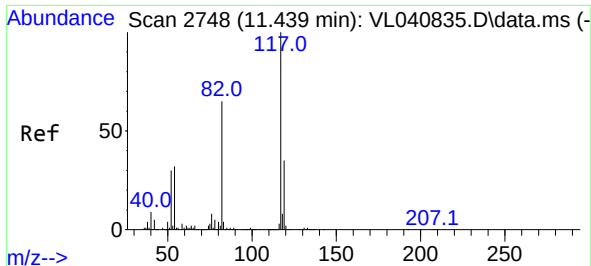
Tgt Ion: 49 Resp: 1075079
Ion Ratio Lower Upper
49 100
128 50.6 23.8 71.2
130 63.9 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Tgt Ion: 114 Resp: 2915216
Ion Ratio Lower Upper
114 100
63 24.3 20.9 31.3
88 17.6 14.3 21.5

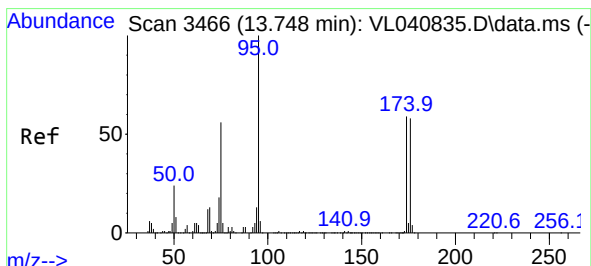
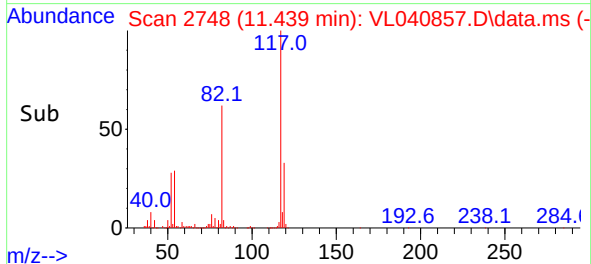
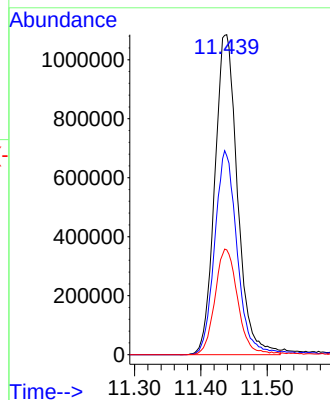
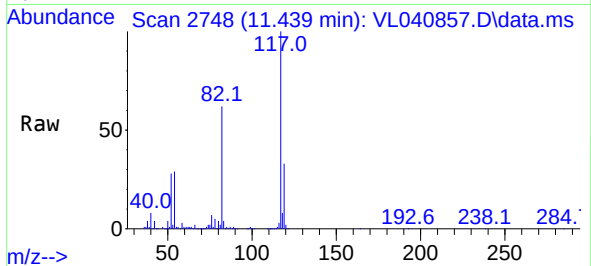




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Instrument :
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ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2583394
Ion Ratio Lower Upper
117 100
82 64.3 50.6 75.8
119 33.8 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.736 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Tgt Ion: 95 Resp: 1969253
Ion Ratio Lower Upper
95 100
174 63.9 47.5 71.3
175 4.9 3.6 5.4

