

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040693.D
 Acq On : 18 Sep 2023 10:26
 Operator : SY/MD
 Sample : VL0918ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABL01

Quant Time: Sep 19 05:16:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1302738	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3450520	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2804245	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2072160	9.564	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%

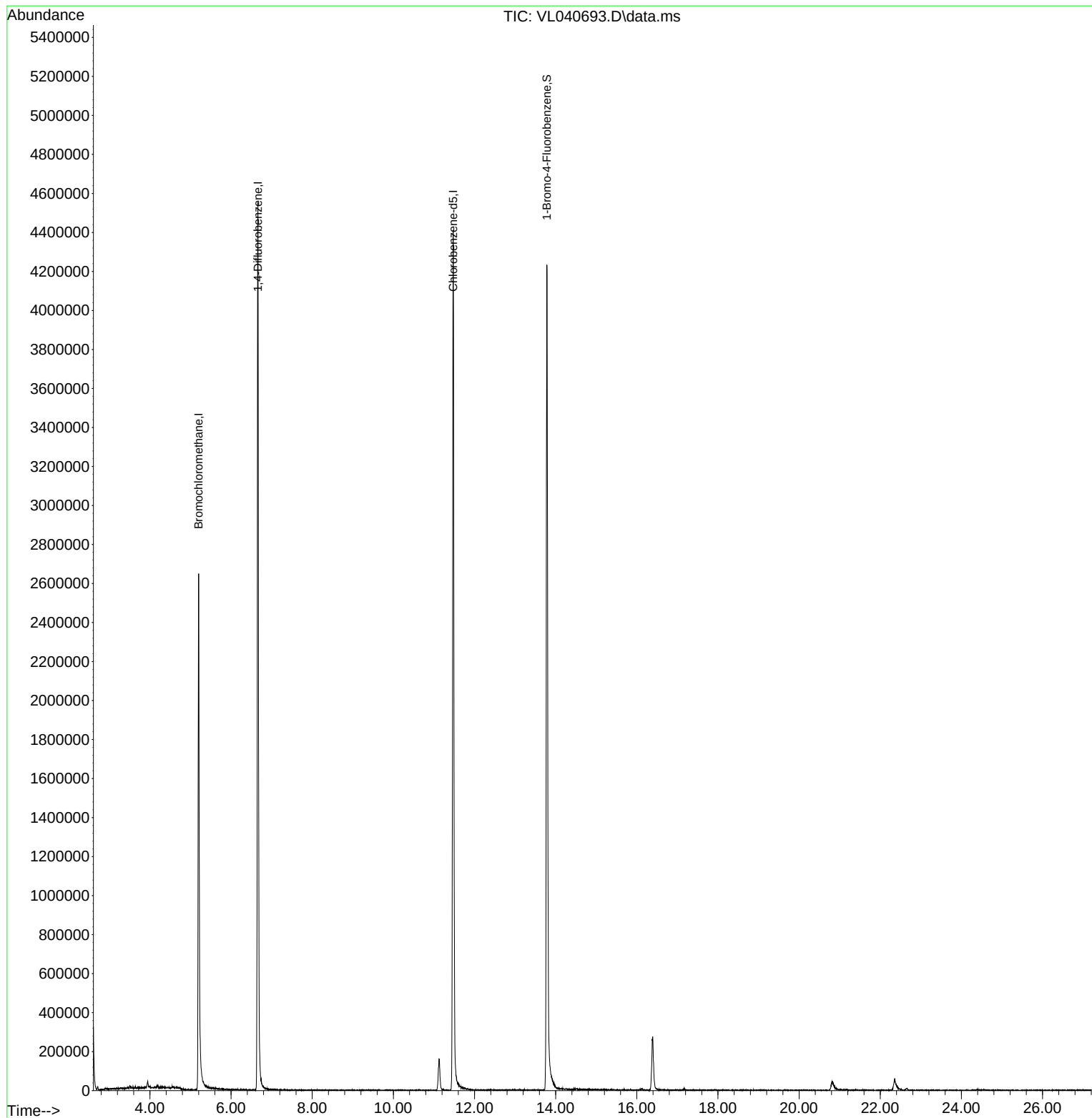
Target Compounds	Qvalue

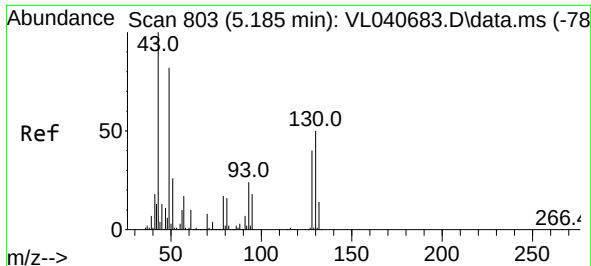
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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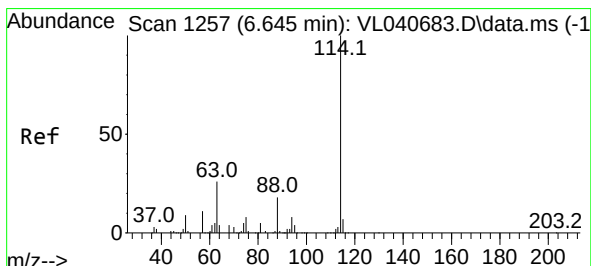
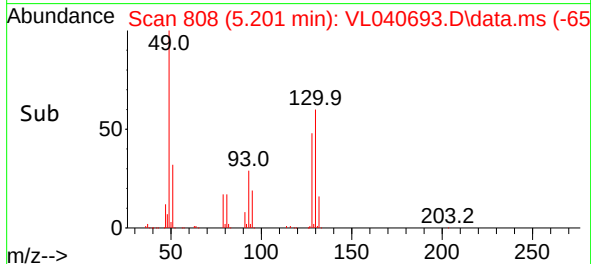
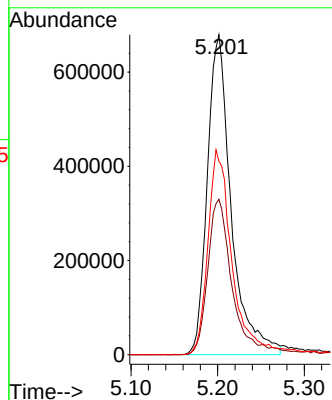
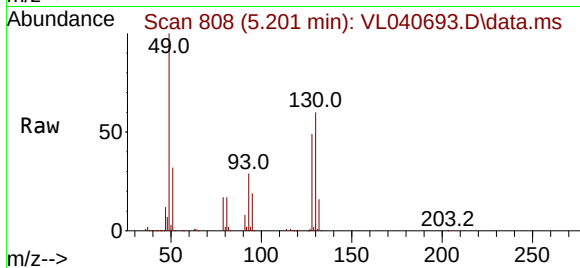




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 803
Delta R.T. 0.003 min
Lab File: VL040693.D
Acq: 18 Sep 2023 10:26

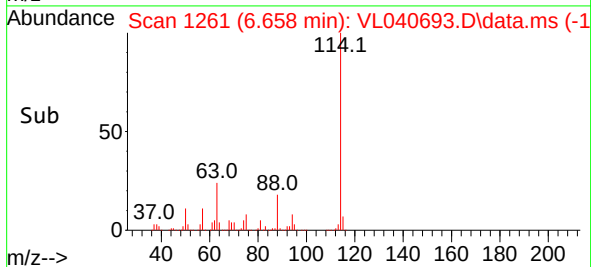
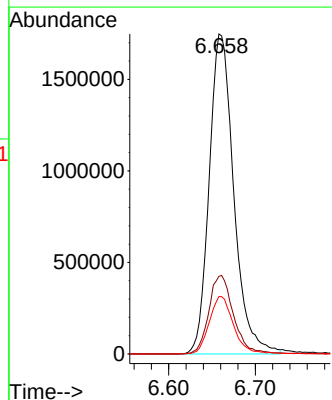
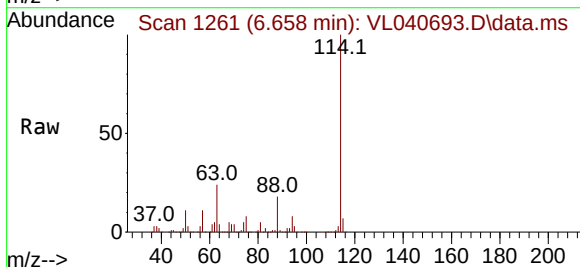
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABL01

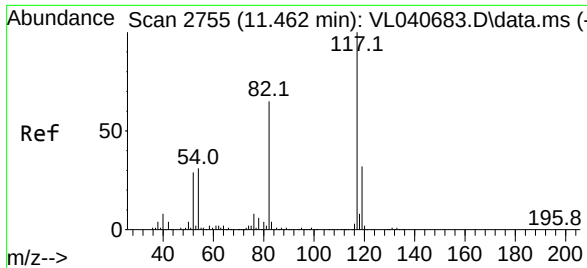
Tgt Ion: 49 Resp: 1302738
Ion Ratio Lower Upper
49 100
128 51.2 25.4 76.0
130 67.8 32.3 96.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VL040693.D
Acq: 18 Sep 2023 10:26

Tgt Ion: 114 Resp: 3450520
Ion Ratio Lower Upper
114 100
63 24.9 21.1 31.7
88 17.9 14.5 21.7

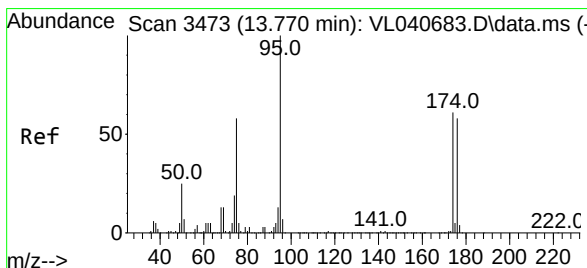
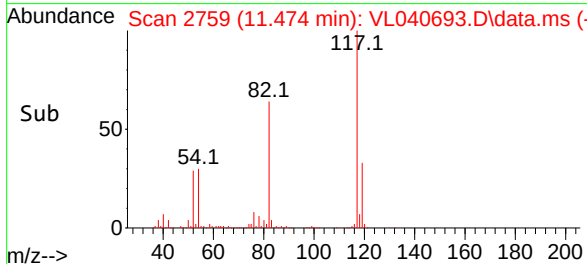
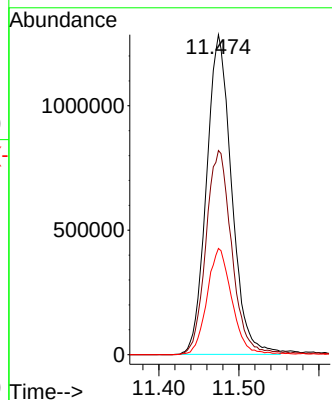
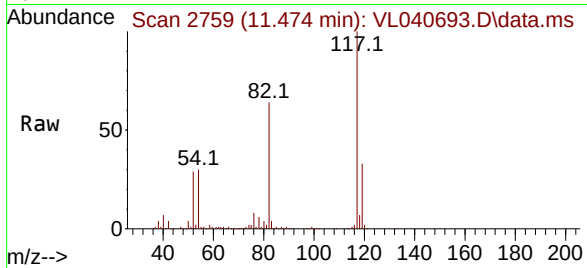




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040693.D
Acq: 18 Sep 2023 10:26

Instrument :
MSVOA_1
ClientSampleId :
VL0918ABL01

Tgt Ion:117 Resp: 2804245
Ion Ratio Lower Upper
117 100
82 66.7 51.4 77.0
119 33.3 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.564 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VL040693.D
Acq: 18 Sep 2023 10:26

Tgt Ion: 95 Resp: 2072160
Ion Ratio Lower Upper
95 100
174 63.6 48.9 73.3
175 4.6 3.5 5.3

