

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040182.D
 Acq On : 16 Feb 2023 16:33
 Operator : SY/MD
 Sample : VL0216ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0216ABL01

Quant Time: Feb 17 03:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	887423	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2254018	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1896409	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.783	95	1479801	9.489	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%

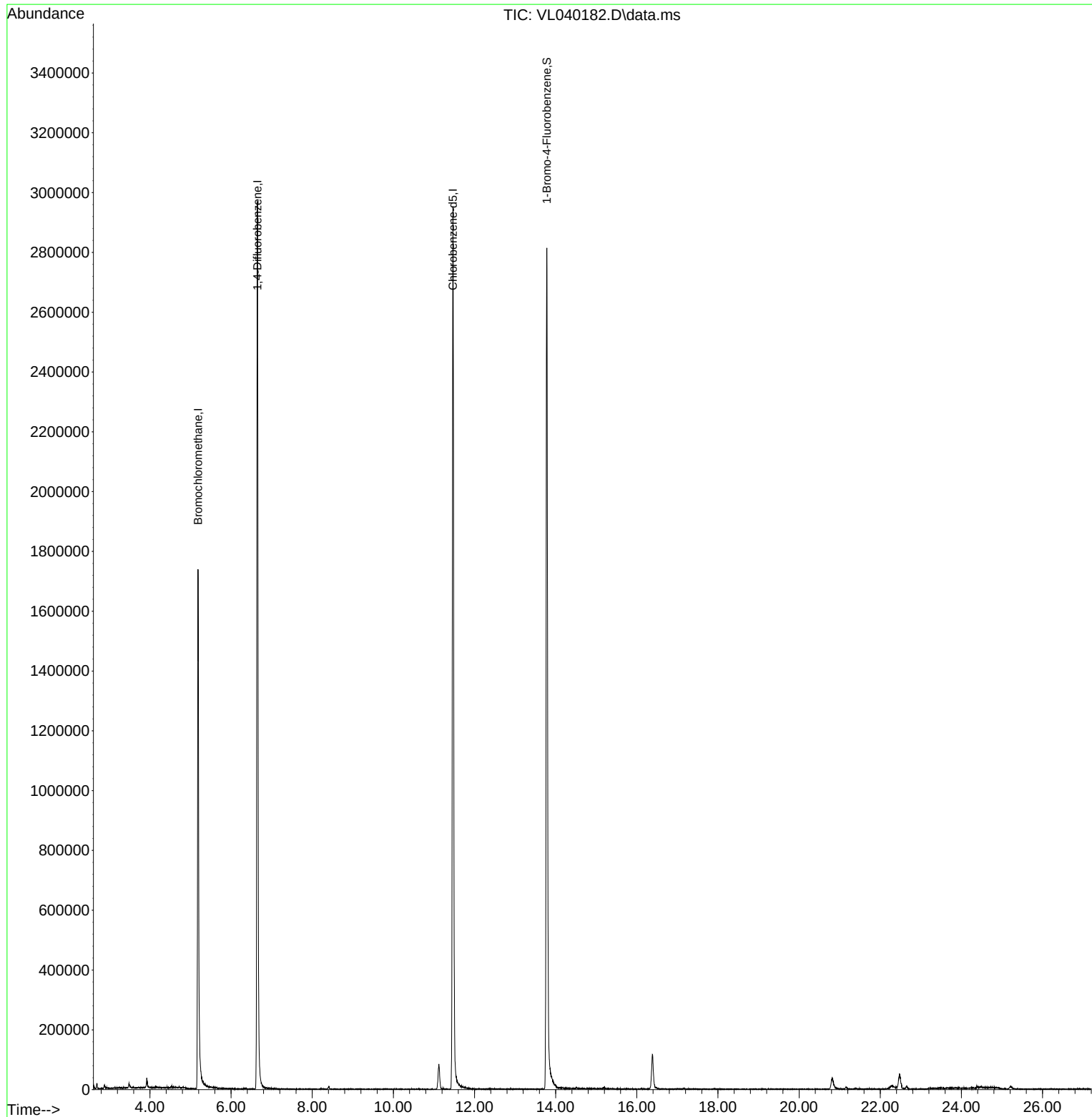
Target Compounds	Qvalue

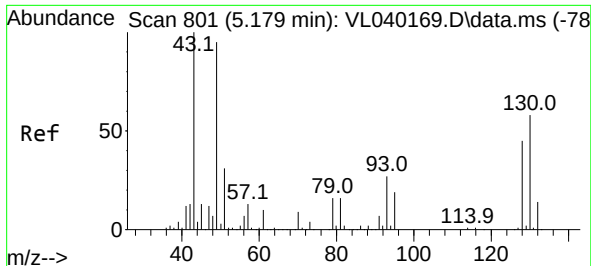
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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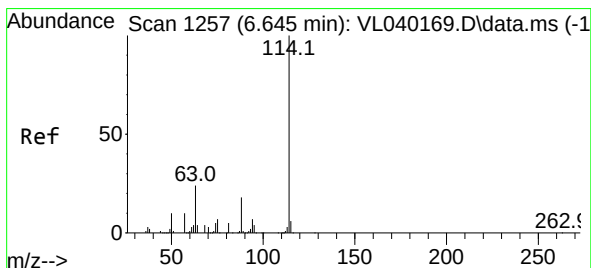
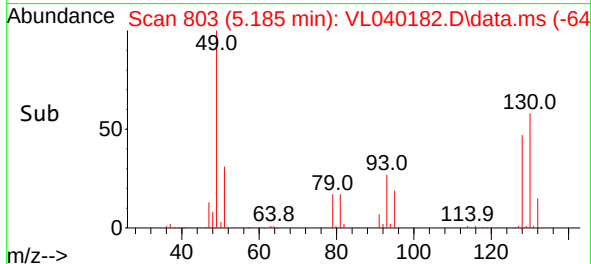
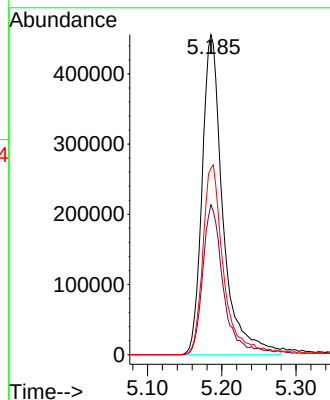
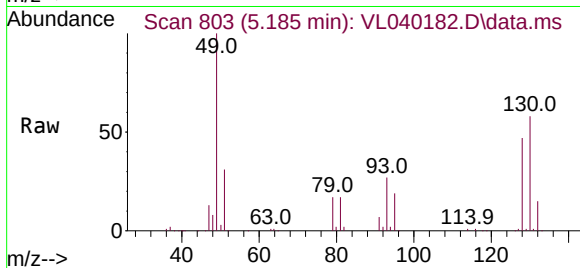




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.006 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

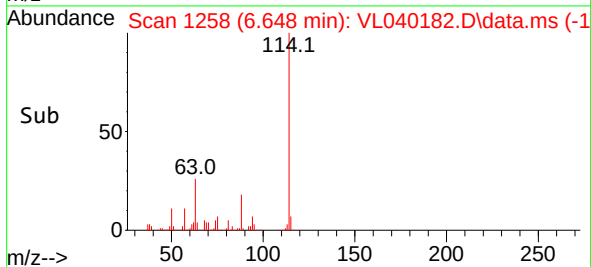
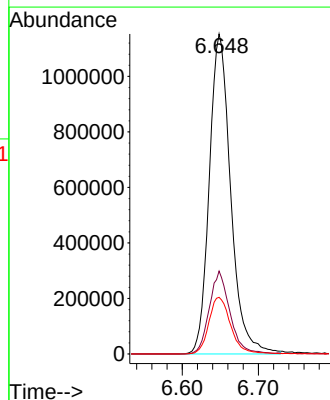
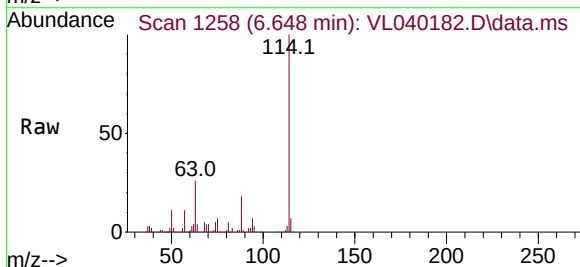
Instrument :
MSVOA_1
ClientSampleId :
VL0216ABL01

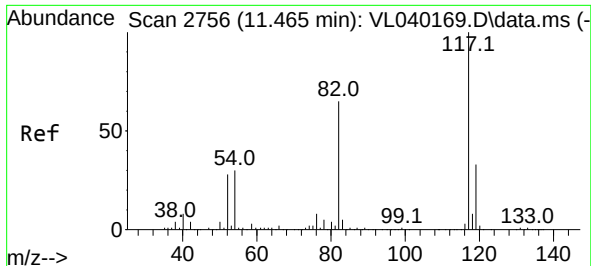
Tgt Ion: 49 Resp: 887423
Ion Ratio Lower Upper
49 100
128 47.3 24.1 72.3
130 60.6 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Tgt Ion: 114 Resp: 2254018
Ion Ratio Lower Upper
114 100
63 25.2 20.4 30.6
88 18.2 14.3 21.5

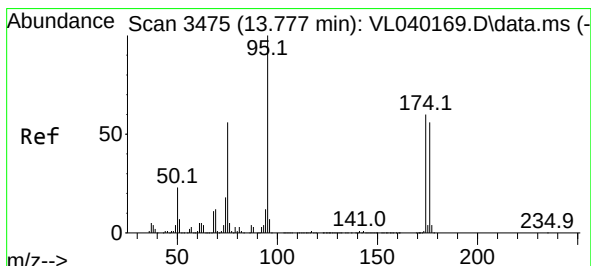
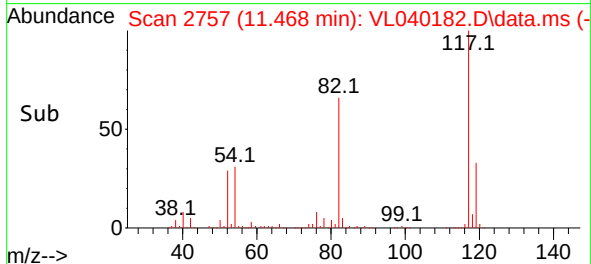
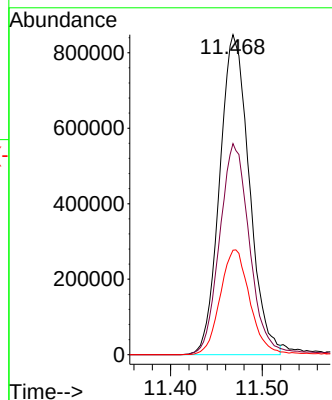
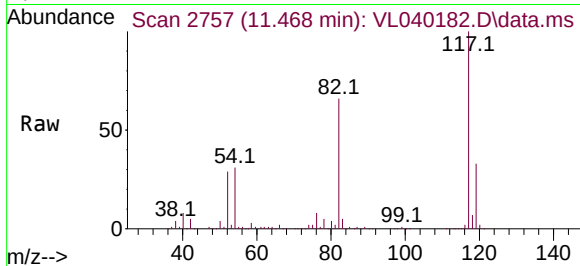




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Instrument :
MSVOA_1
ClientSampleId :
VL0216ABL01

Tgt Ion:117 Resp: 1896409
Ion Ratio Lower Upper
117 100
82 68.2 53.3 79.9
119 33.4 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.489 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.006 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Tgt Ion: 95 Resp: 1479801
Ion Ratio Lower Upper
95 100
174 60.3 48.2 72.2
175 4.3 3.4 5.2

