

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040439.D
 Acq On : 16 May 2023 15:39
 Operator : SY/MD
 Sample : VL0516ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0516ABL01

Quant Time: May 17 05:14:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1035473	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2506893	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.490	117	2200271	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1725830	9.755	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%

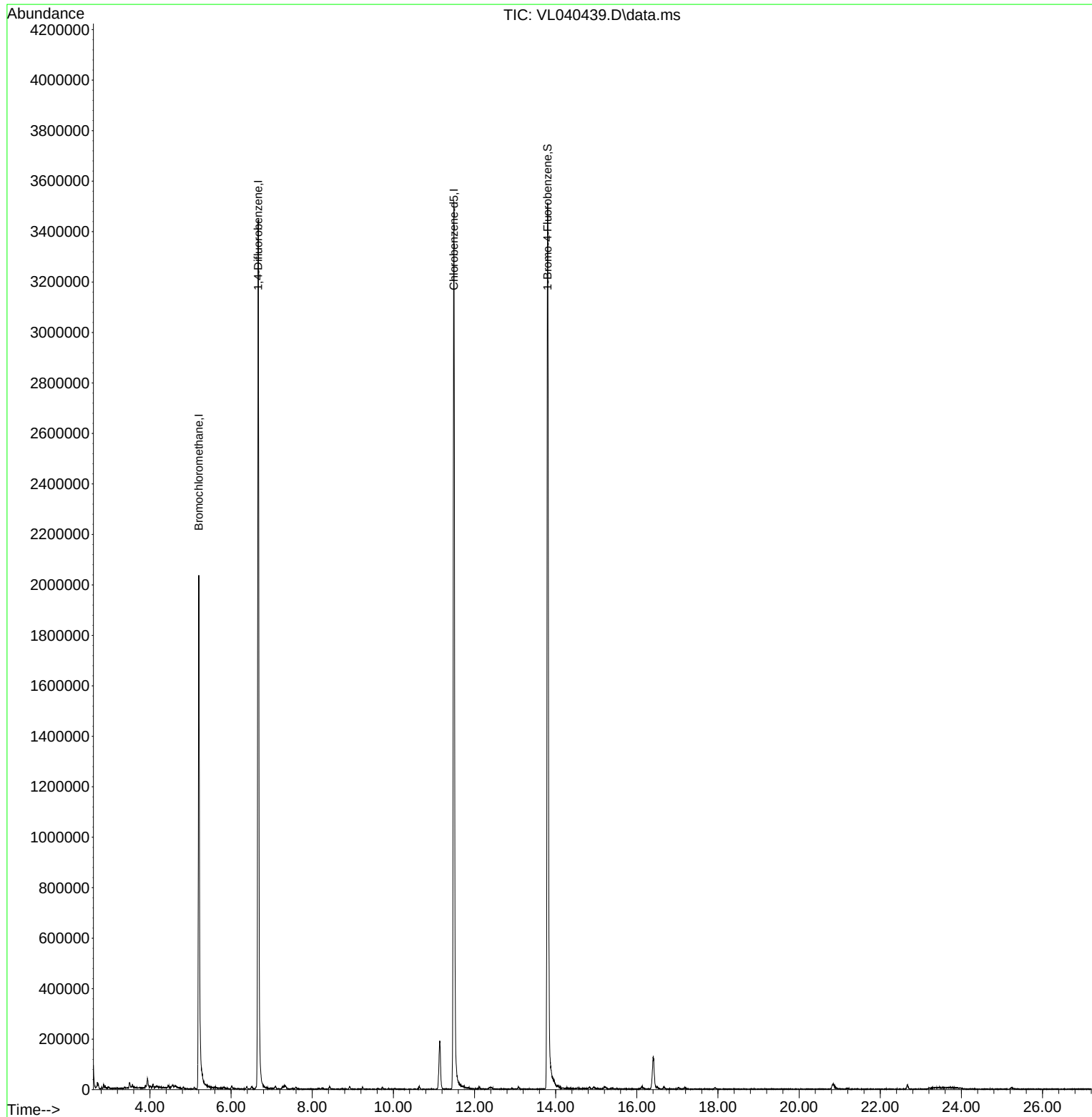
Target Compounds	Qvalue

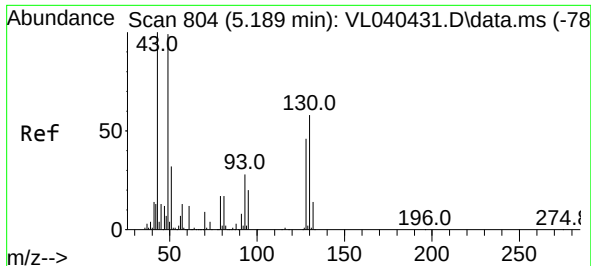
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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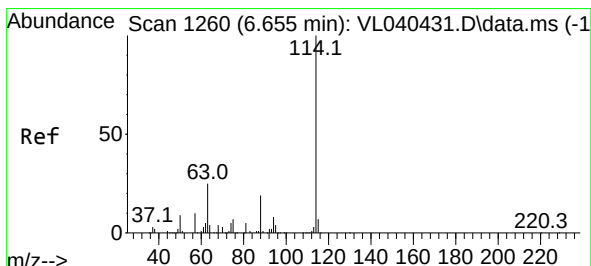
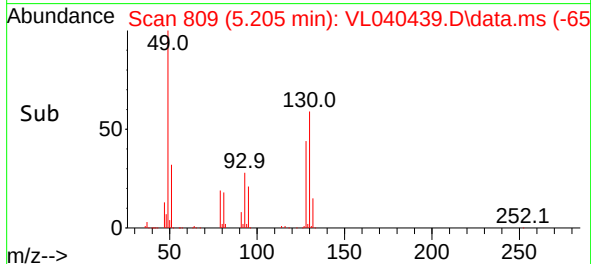
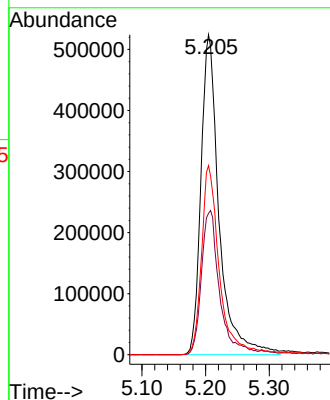
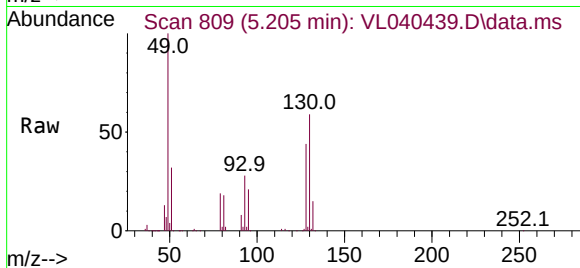




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040439.D
Acq: 16 May 2023 15:39

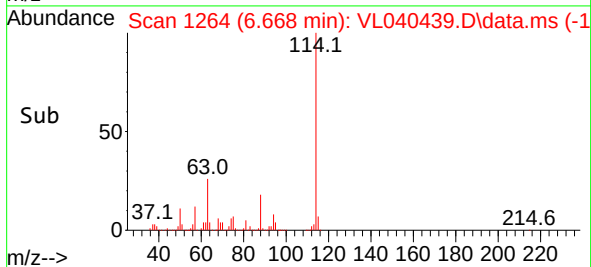
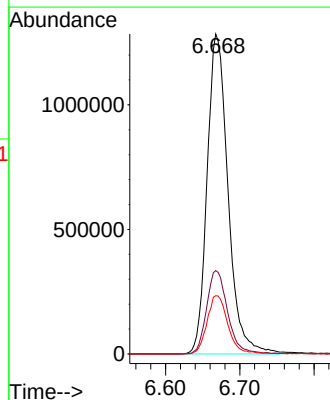
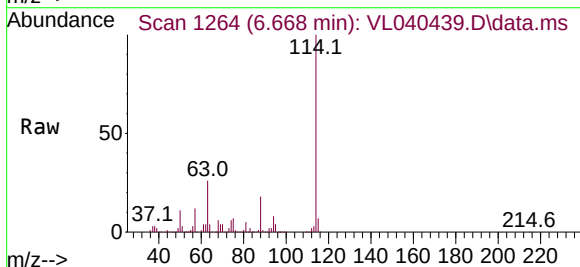
Instrument :
MSVOA_1
ClientSampleId :
VL0516ABL01

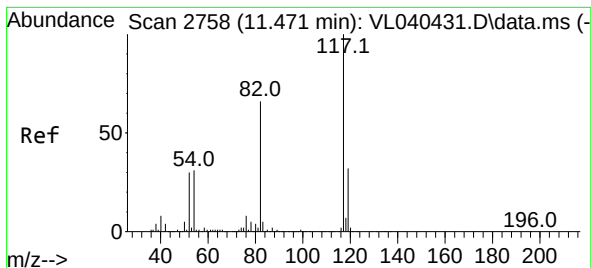
Tgt Ion: 49 Resp: 1035473
Ion Ratio Lower Upper
49 100
128 46.4 24.3 72.8
130 59.6 30.2 90.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VL040439.D
Acq: 16 May 2023 15:39

Tgt Ion: 114 Resp: 2506893
Ion Ratio Lower Upper
114 100
63 26.5 21.0 31.6
88 18.3 14.6 22.0

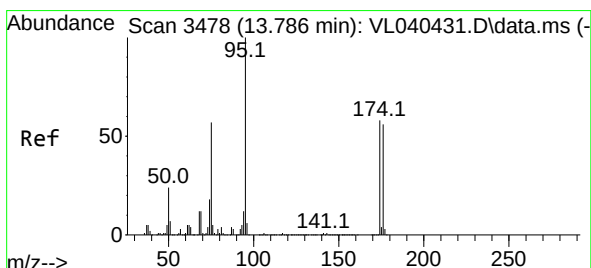
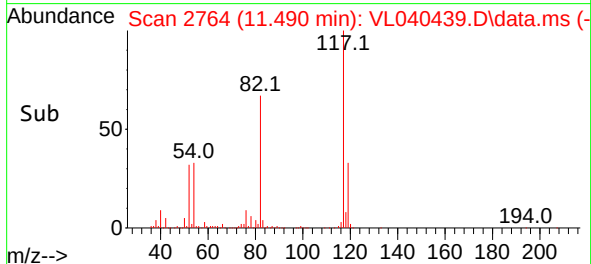
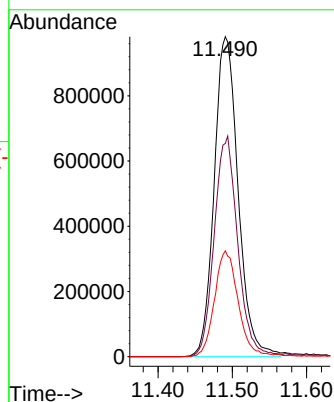
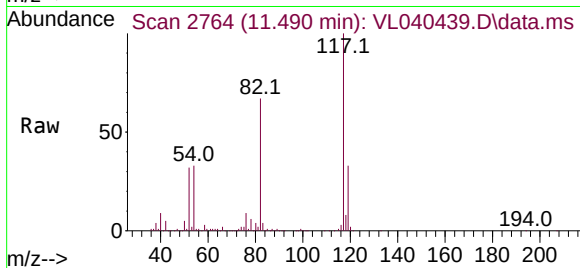




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.490 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040439.D
Acq: 16 May 2023 15:39

Instrument :
MSVOA_1
ClientSampleId :
VL0516ABL01

Tgt Ion:117 Resp: 2200271
Ion Ratio Lower Upper
117 100
82 69.0 52.5 78.7
119 33.0 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.755 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL040439.D
Acq: 16 May 2023 15:39

Tgt Ion: 95 Resp: 1725830
Ion Ratio Lower Upper
95 100
174 60.1 47.0 70.6
175 4.2 3.4 5.0

