

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040289.D
 Acq On : 16 Mar 2023 10:18
 Operator : SY/MD
 Sample : VL0316ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABL01

Quant Time: Mar 17 04:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1067143	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2928986	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2581777	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	2110032	9.760	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

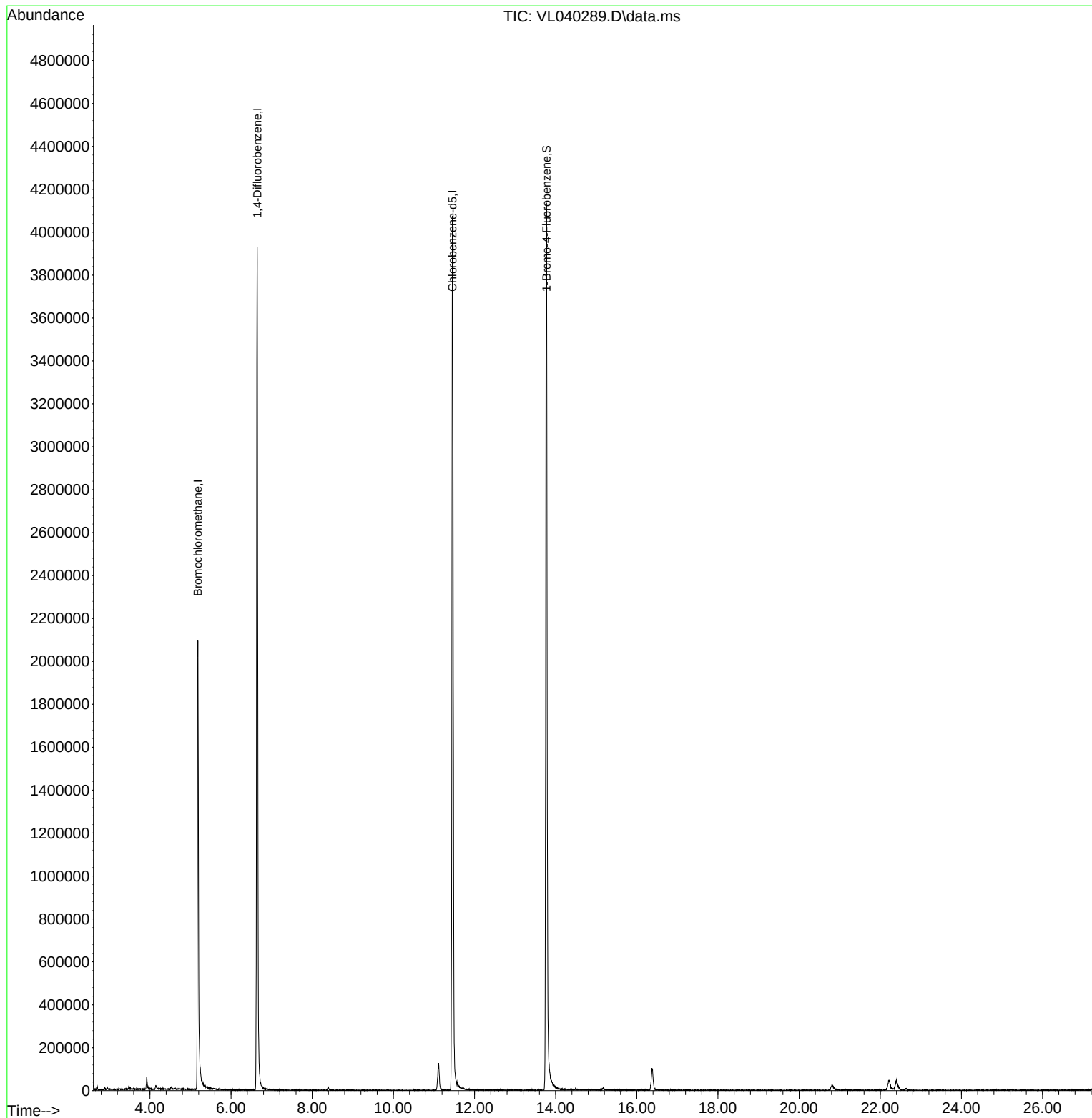
Target Compounds	Qvalue

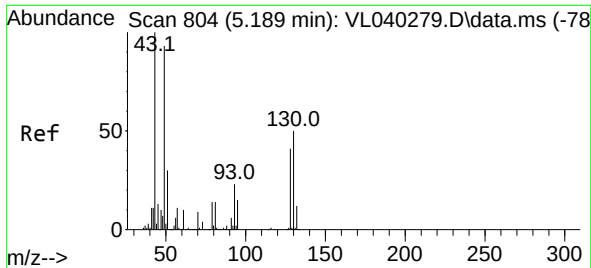
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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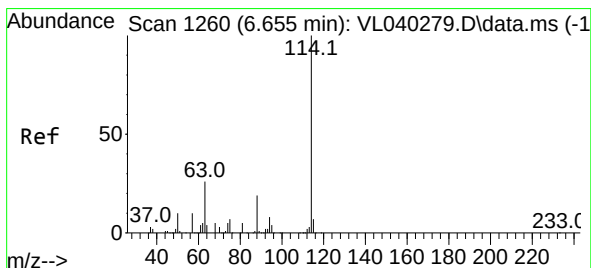
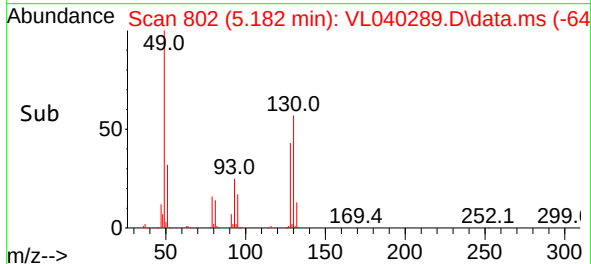
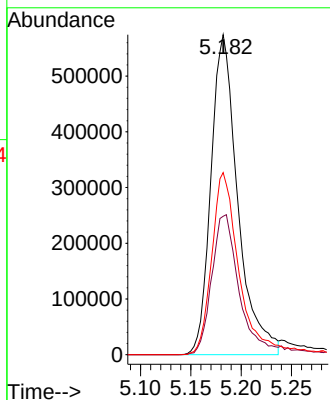
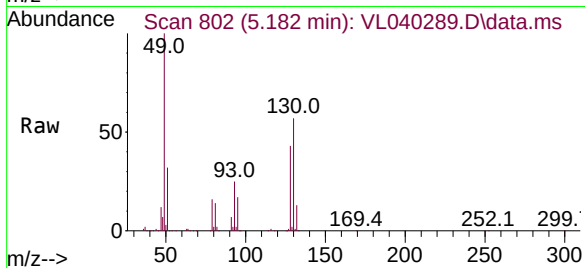




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040289.D
Acq: 16 Mar 2023 10:18

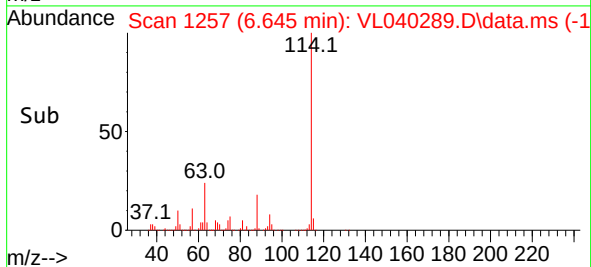
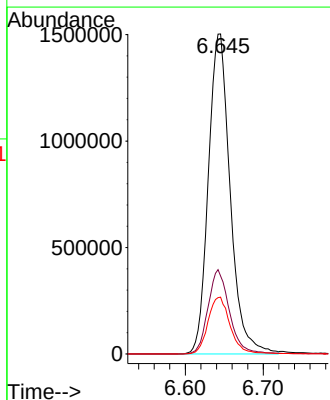
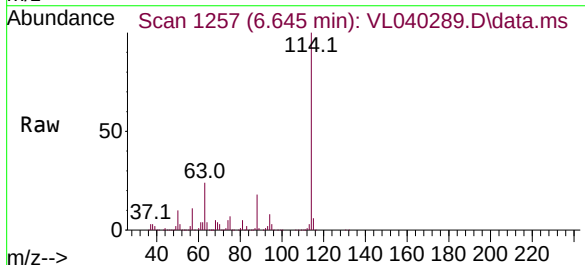
Instrument :
MSVOA_1
ClientSampleId :
VL0316ABL01

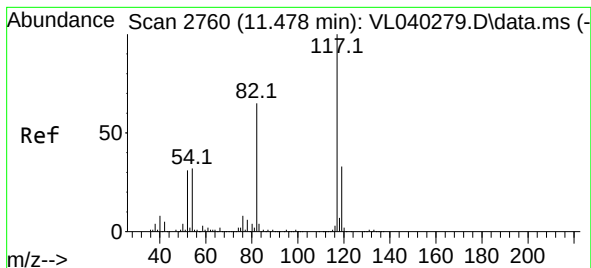
Tgt Ion: 49 Resp: 1067143
Ion Ratio Lower Upper
49 100
128 47.6 22.4 67.3
130 60.4 28.7 86.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VL040289.D
Acq: 16 Mar 2023 10:18

Tgt Ion: 114 Resp: 2928986
Ion Ratio Lower Upper
114 100
63 26.1 21.2 31.8
88 18.2 14.5 21.7

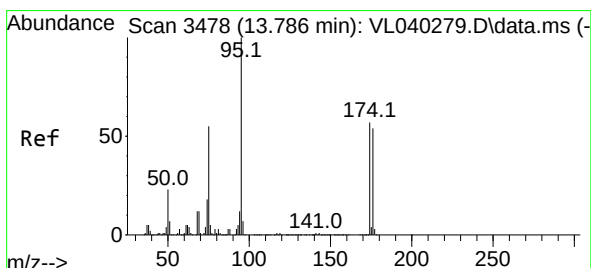
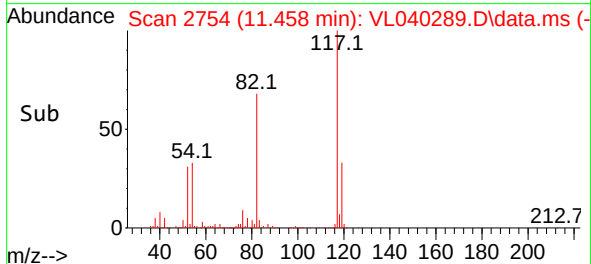
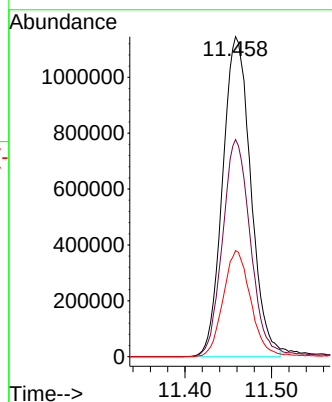
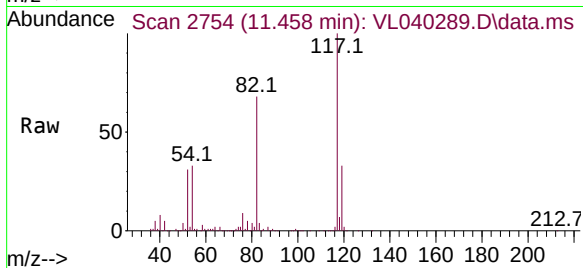




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.020 min
Lab File: VL040289.D
Acq: 16 Mar 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VL0316ABL01

Tgt Ion:117 Resp: 2581777
Ion Ratio Lower Upper
117 100
82 69.0 51.4 77.2
119 33.0 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.760 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040289.D
Acq: 16 Mar 2023 10:18

Tgt Ion: 95 Resp: 2110032
Ion Ratio Lower Upper
95 100
174 59.6 47.0 70.6
175 4.1 3.4 5.2

