

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040310.D
 Acq On : 5 Apr 2023 10:19
 Operator : SY/MD
 Sample : VL0405ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABL01

Quant Time: Apr 06 07:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.169	49	986056	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.629	114	2569041	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2269486	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.757	95	1841093	9.687	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

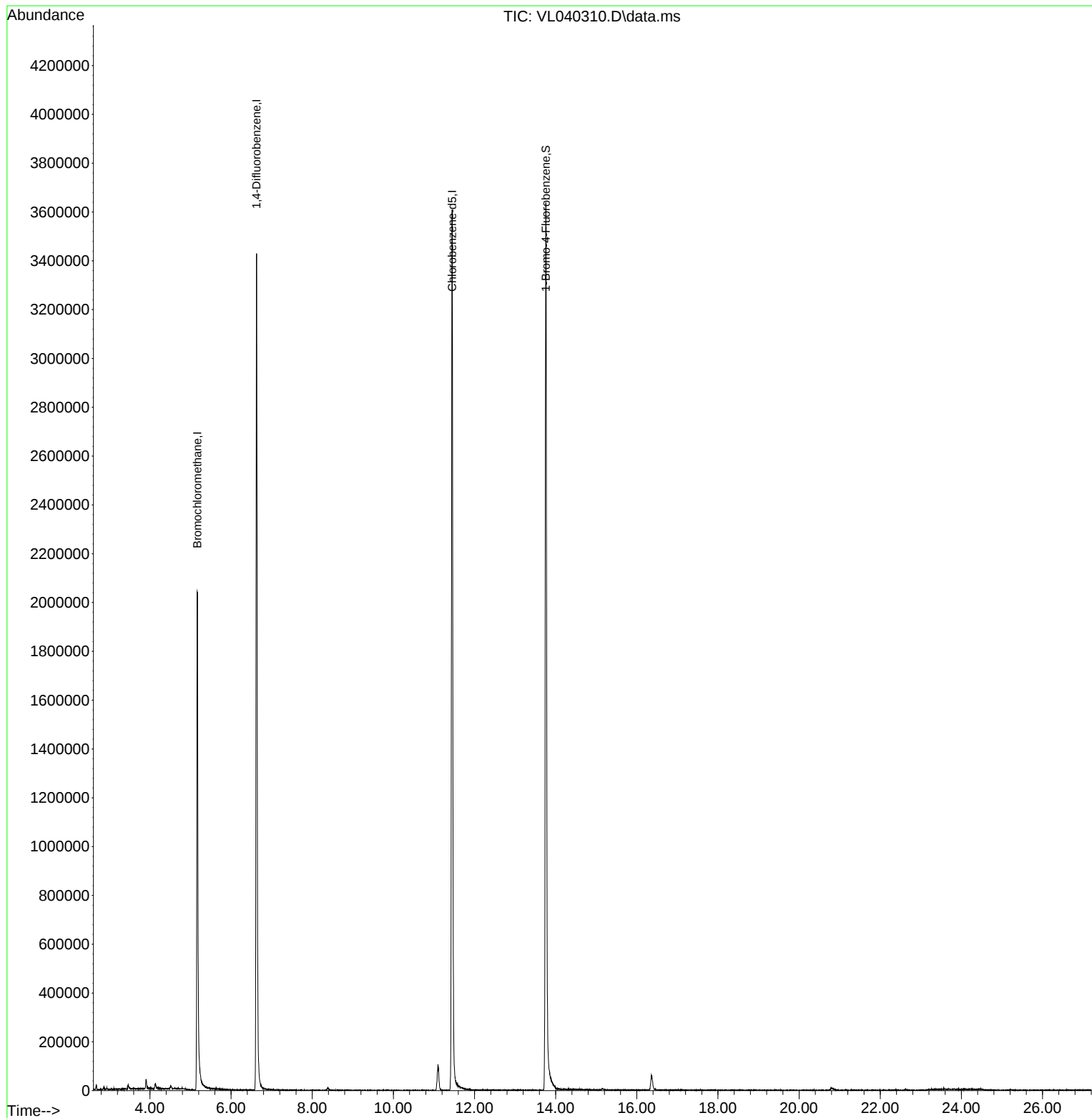
Target Compounds	Qvalue

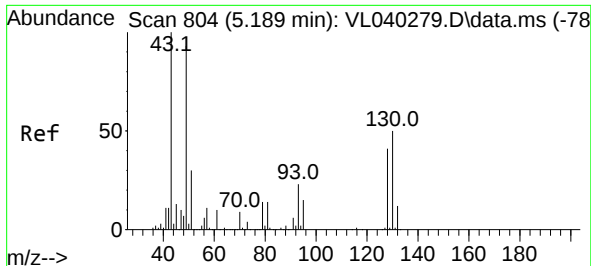
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 07:49:44 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

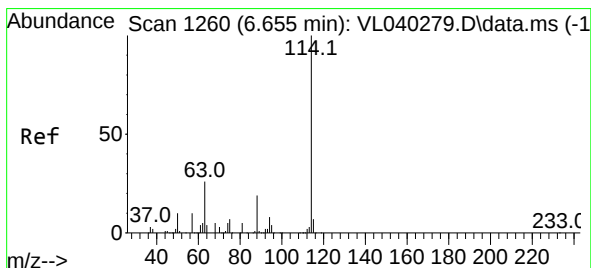
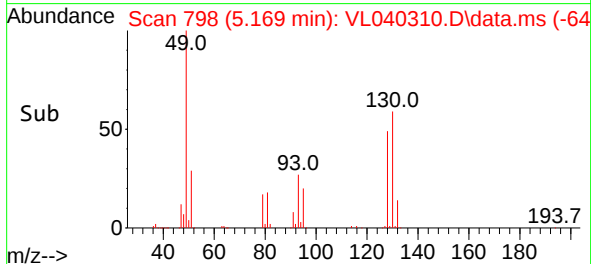
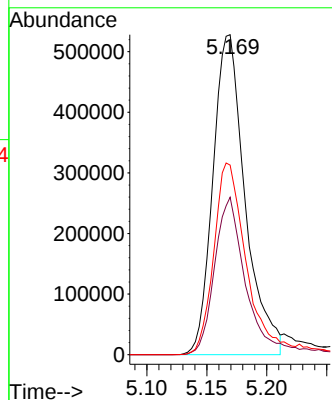
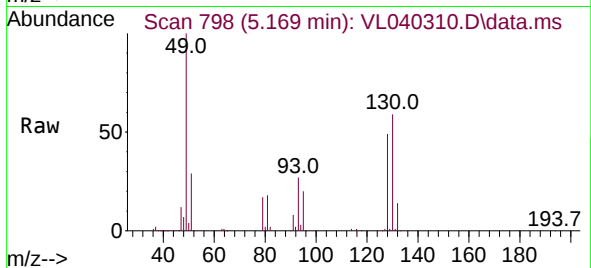




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. -0.020 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

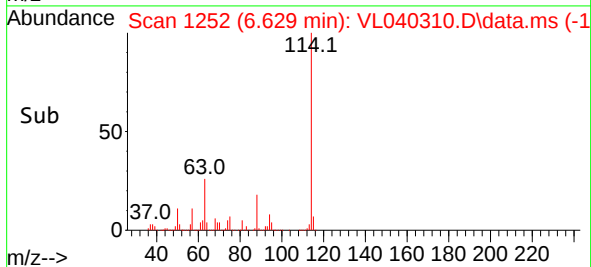
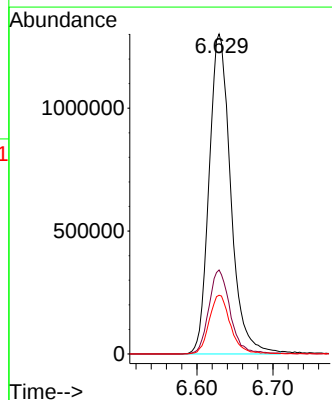
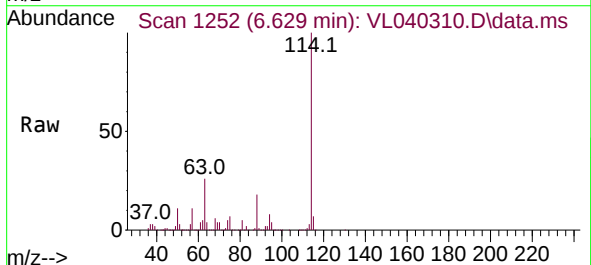
Instrument :
MSVOA_1
ClientSampleId :
VL0405ABL01

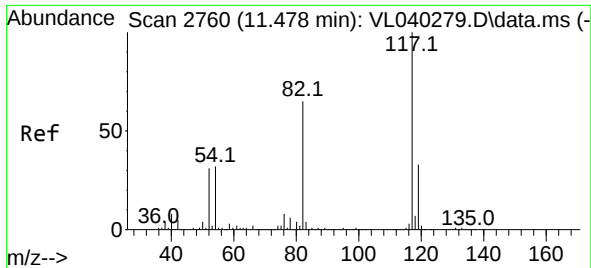
Tgt Ion: 49 Resp: 986056
Ion Ratio Lower Upper
49 100
128 50.2 22.4 67.3
130 65.0 28.7 86.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.026 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 114 Resp: 2569041
Ion Ratio Lower Upper
114 100
63 26.1 21.2 31.8
88 18.2 14.5 21.7

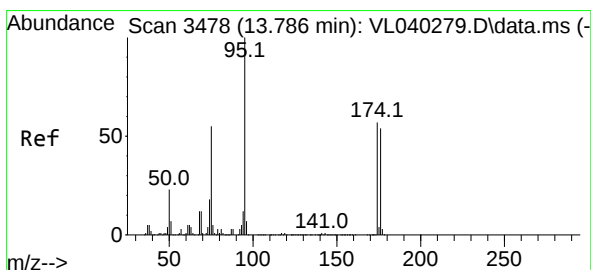
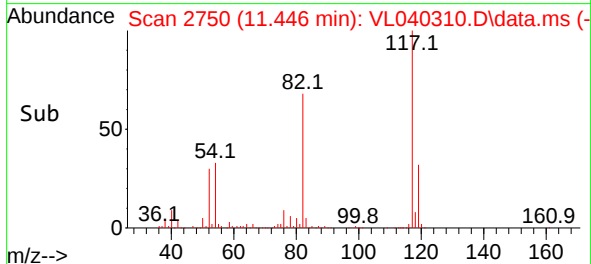
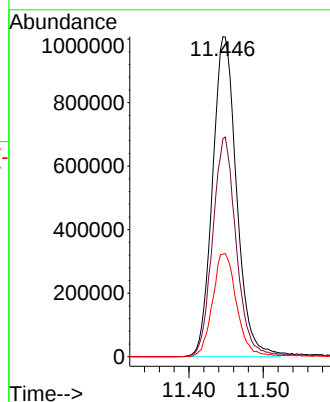
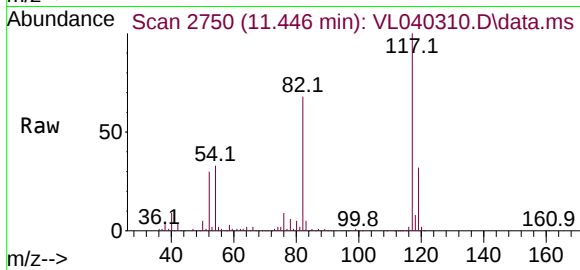




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABL01

Tgt Ion:117 Resp: 2269486
Ion Ratio Lower Upper
117 100
82 67.8 51.4 77.2
119 32.7 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.687 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 95 Resp: 1841093
Ion Ratio Lower Upper
95 100
174 59.9 47.0 70.6
175 4.4 3.4 5.2

