

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040266.D
 Acq On : 13 Mar 2023 15:33
 Operator : SY/MD
 Sample : VL0313ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABL01

Quant Time: Mar 14 04:53:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 14 04:52:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	867424	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2141751	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	1856829	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1482143	9.707	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%

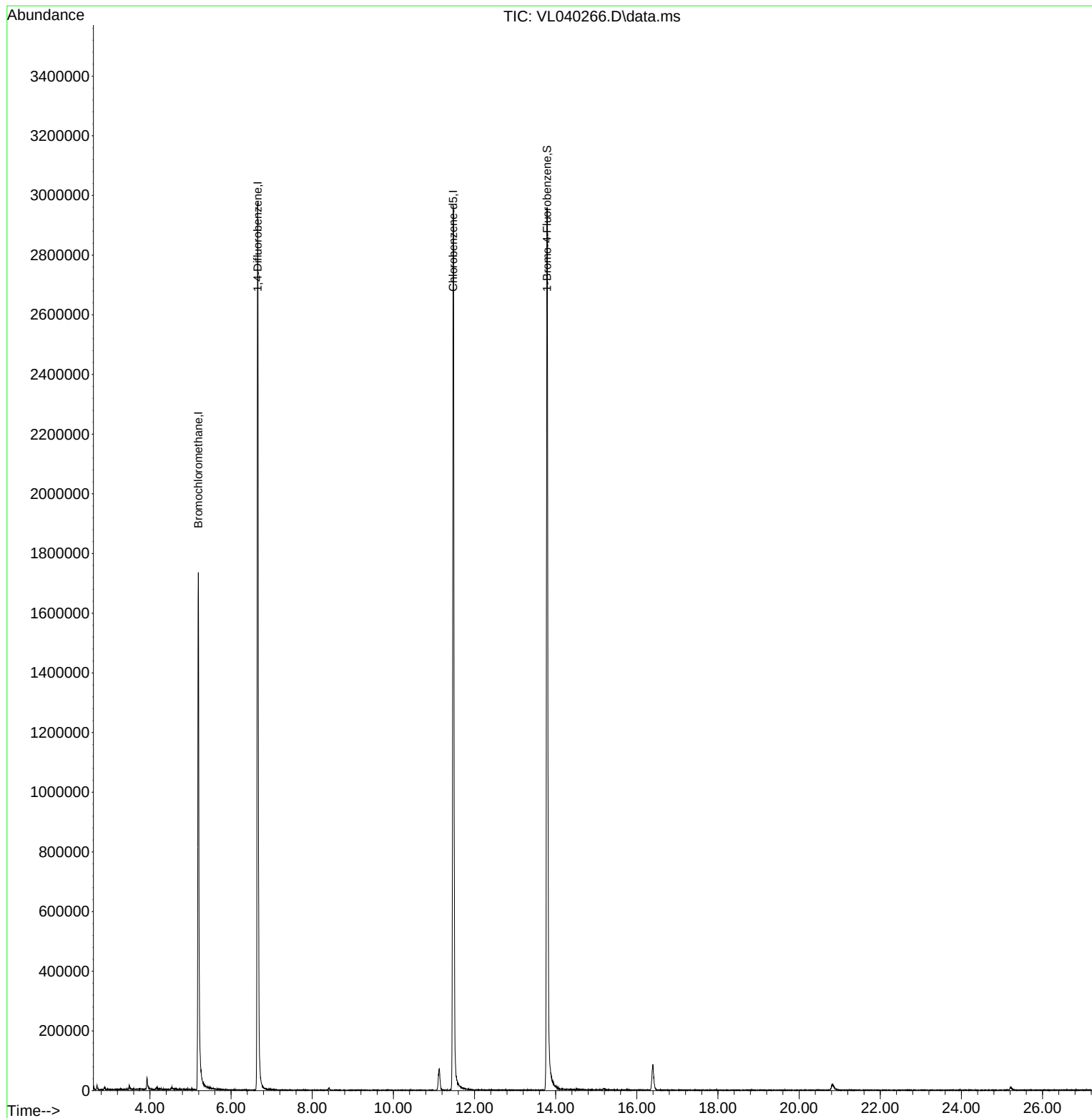
Target Compounds	Qvalue

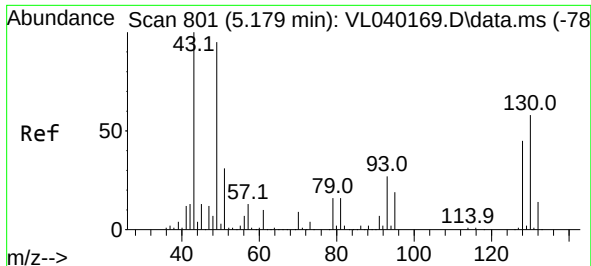
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 04:53:46 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 : Tue Mar 14 04:52:39 2023
Response via : Initial Calibration

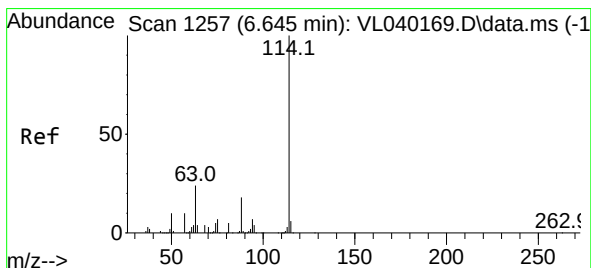
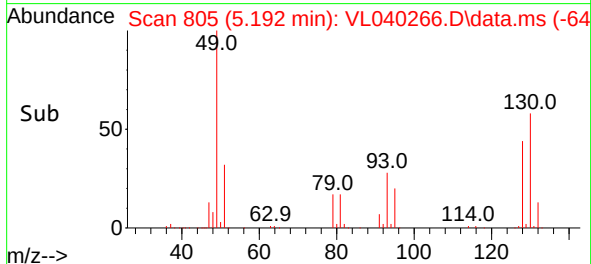
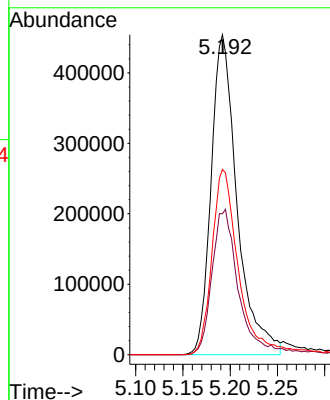
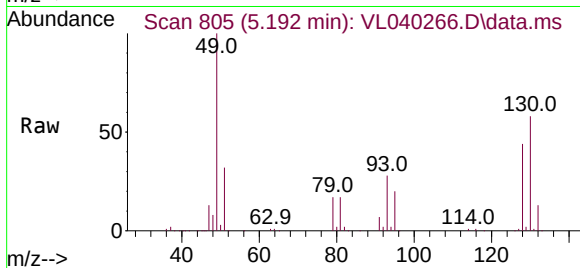




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

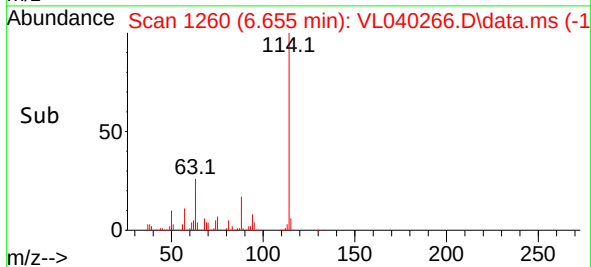
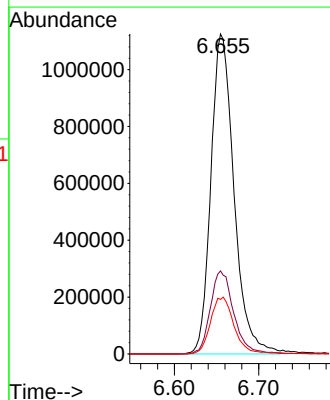
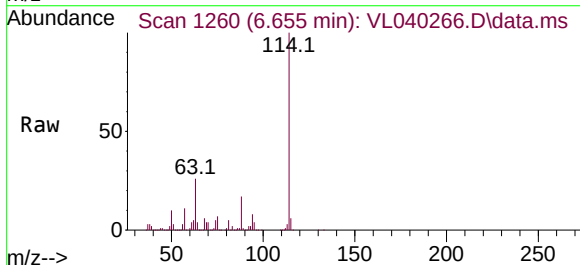
Instrument :
MSVOA_1
ClientSampleId :
VL0313ABL01

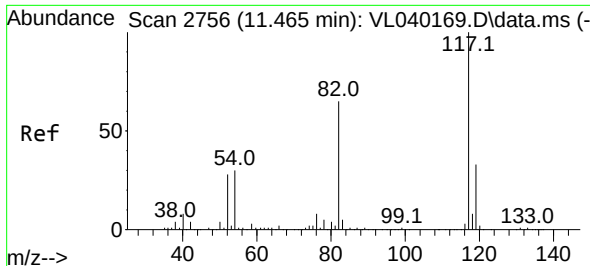
Tgt Ion: 49 Resp: 867424
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.2 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

Tgt Ion: 114 Resp: 2141751
Ion Ratio Lower Upper
114 100
63 26.6 20.4 30.6
88 18.3 14.3 21.5

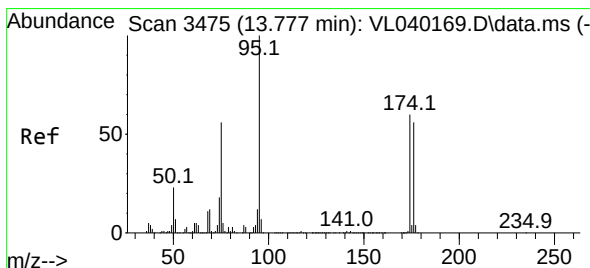
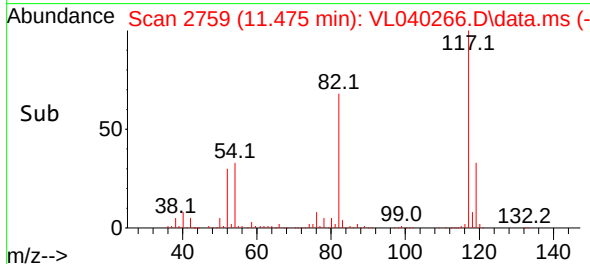
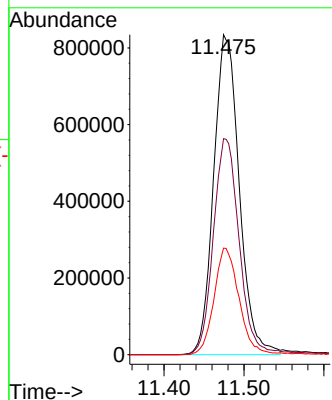
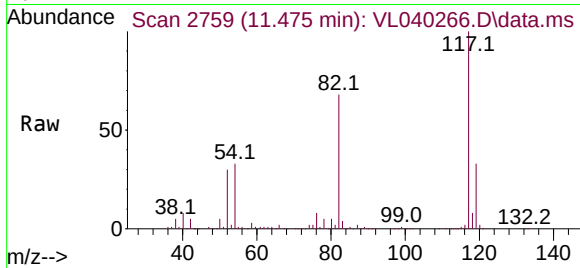




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

Instrument :
MSVOA_1
ClientSampleId :
VL0313ABL01

Tgt Ion:117 Resp: 1856829
Ion Ratio Lower Upper
117 100
82 69.2 53.3 79.9
119 32.9 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.707 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

Tgt Ion: 95 Resp: 1482143
Ion Ratio Lower Upper
95 100
174 57.5 48.2 72.2
175 4.0 3.4 5.2

