

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040668.D
 Acq On : 7 Sep 2023 11:28
 Operator : SY/MD
 Sample : VL0907ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABL01

Quant Time: Sep 07 11:57:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1027178	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2730536	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2334863	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	1888745	10.171	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

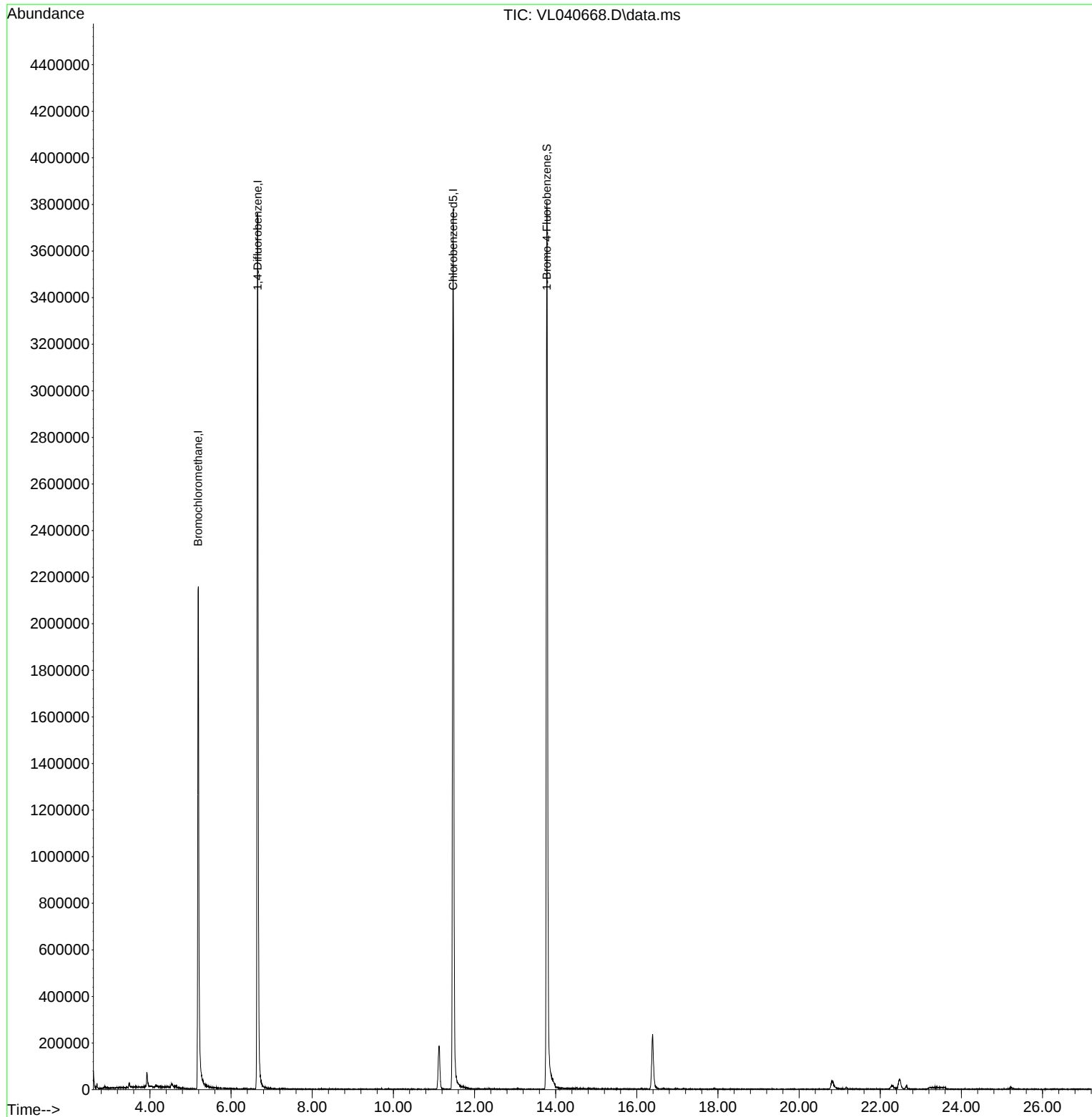
Target Compounds	Qvalue

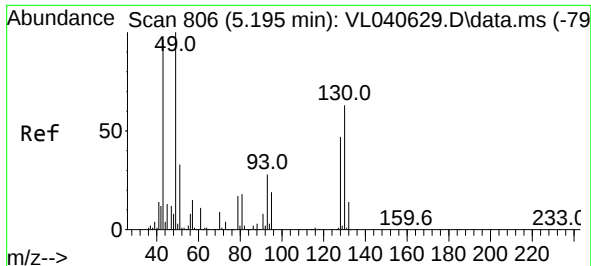
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 11:57:36 2023
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

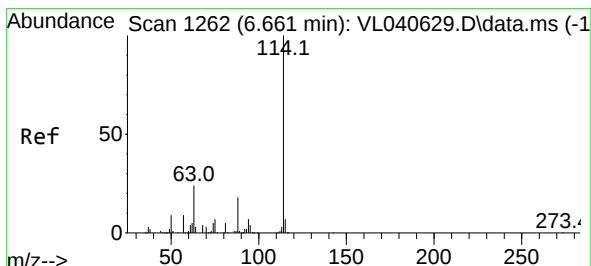
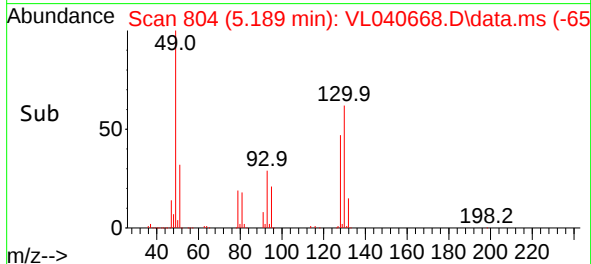
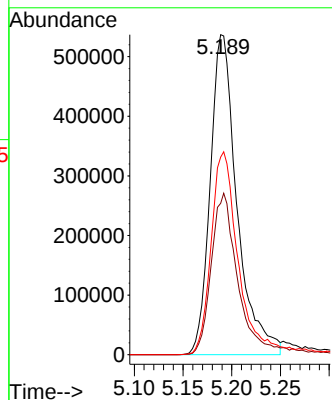
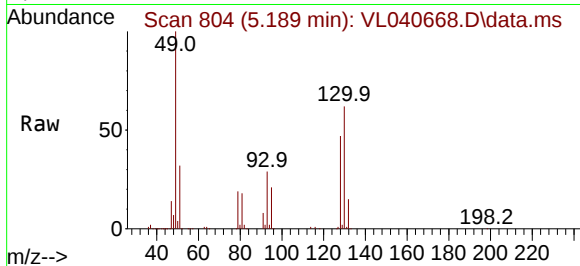




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040668.D
Acq: 7 Sep 2023 11:28

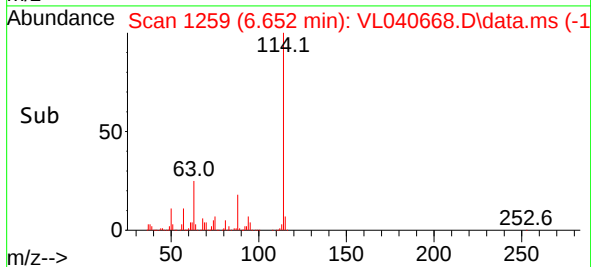
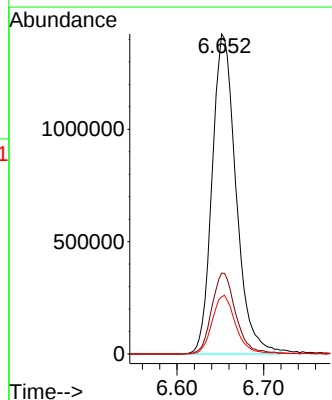
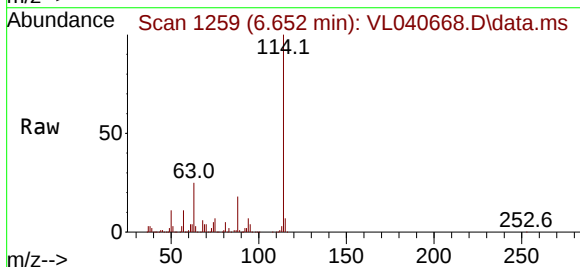
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABL01

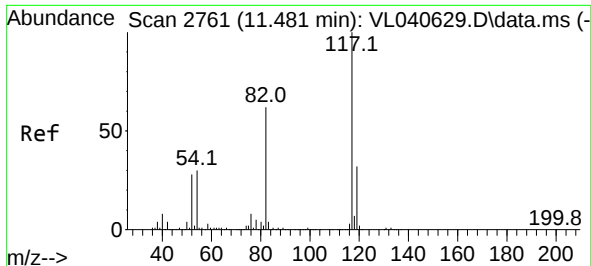
Tgt Ion: 49 Resp: 1027178
Ion Ratio Lower Upper
49 100
128 52.5 24.9 74.7
130 66.7 32.2 96.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VL040668.D
Acq: 7 Sep 2023 11:28

Tgt Ion: 114 Resp: 2730536
Ion Ratio Lower Upper
114 100
63 25.7 20.2 30.2
88 18.1 14.1 21.1

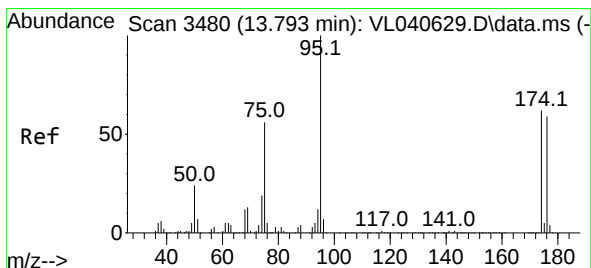
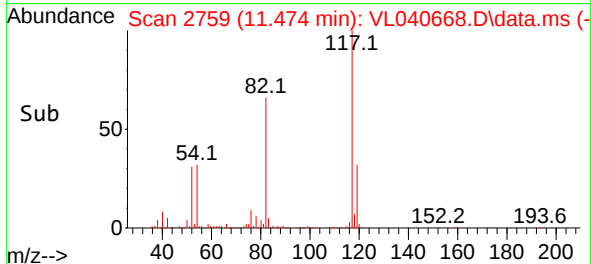
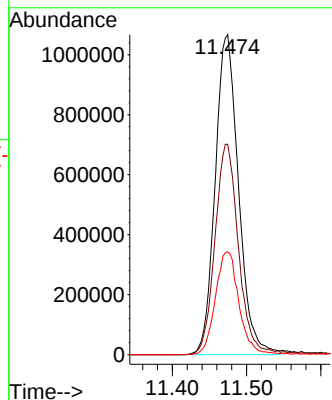
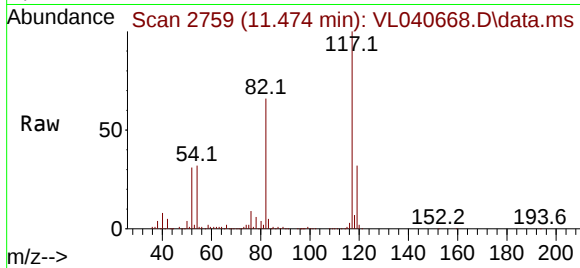




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040668.D
Acq: 7 Sep 2023 11:28

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABL01

Tgt Ion:117 Resp: 2334863
Ion Ratio Lower Upper
117 100
82 67.2 49.5 74.3
119 32.7 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.171 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. -0.006 min
Lab File: VL040668.D
Acq: 7 Sep 2023 11:28

Tgt Ion: 95 Resp: 1888745
Ion Ratio Lower Upper
95 100
174 60.8 49.1 73.7
175 4.3 3.7 5.5

